



STARTER & DYNASTARTERS COMPONENTS

2015/2016



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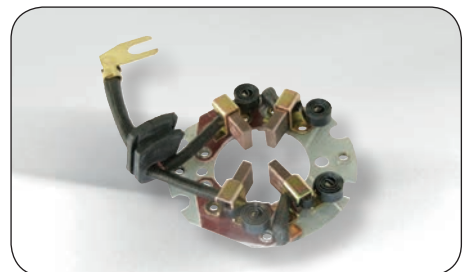
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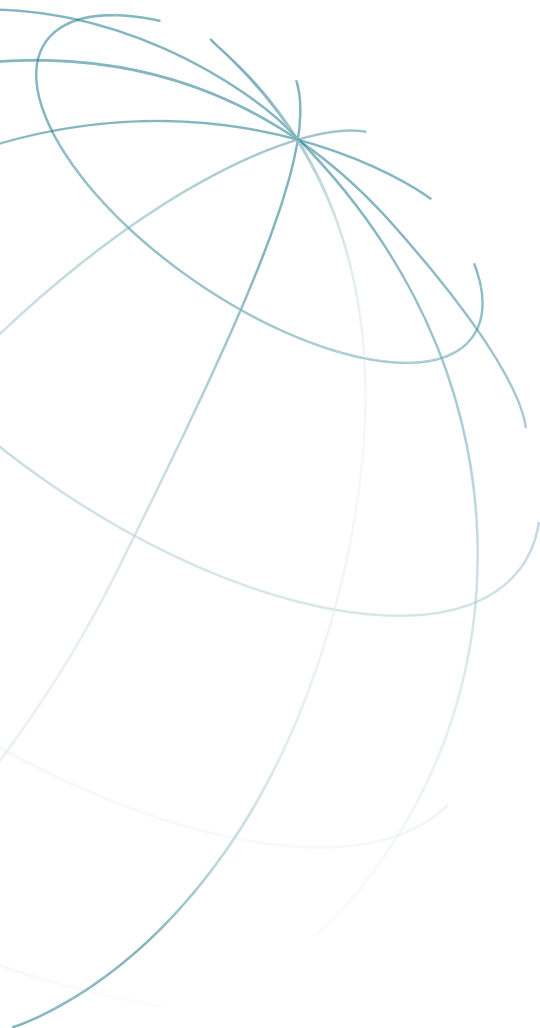


STARTER & DYNASTARTER COMPONENTS



Edition 2015/2016





High Quality Spare Parts for Starters/Dynastarters - All you need

This catalogue contains spare parts for starter and dynastarters, covering all commonly used parts, such as armatures, drives, solenoids, brush sets, bushings and many more components.

We carry a wide range for repairing starters of all types. Whether for passenger cars, commercial vehicles, agricultural machinery, marine or off-highway applications you will find the right product at HC-CARGO.

This makes the HC-CARGO program one of the most extensive ranges available and therefore your one-stop-supplier.

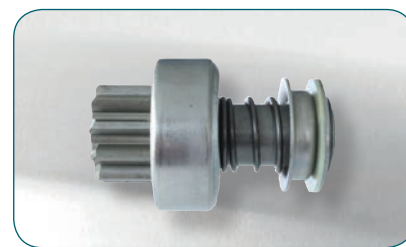
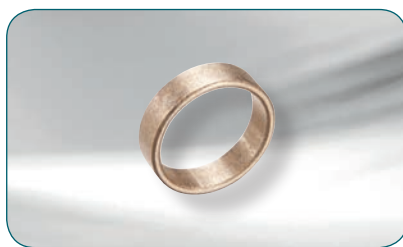
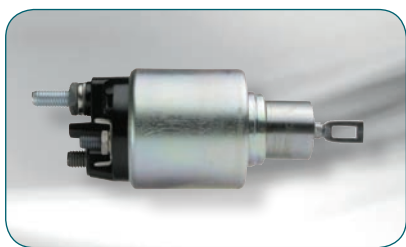
You can always see an up-to-date and complete program by using our web-catalogue at www.hc-cargo.com.

The catalogue also includes a complete cross reference list.



“Becoming an HC-CARGO supplier is not easy. They have to fulfil a long list of preconditions and need to be DIN EN ISO 9001 certified. Last but not least they have to convince me. Together with the quality department I visit our suppliers and test them intensively before they deliver the first products.”

Martin, Purchasing Manager



High Quality Alternatives in HC-CARGO

We offer a high quality guarantee with thorough testing carried out by our quality assurance department. Our engineers test the parts in terms of interaction, perfect fit and easy installation before the products are approved and released for sale. This procedure ensures that we keep the promised high quality.



The "5*" icon will help you in making your product choice. If the icon appears, the part is in OE quality, the best possible quality on the market. If no icon appears, the part is in the aftermarket quality you know from HC-CARGO - tested at our own testfacilities before launch.

HC-CARGO 5* program contains what in the automotive aftermarket is known as original spare part. The suppliers of these parts are OE manufacturers.

Our Product Range - Your Customer Satisfaction

Most spare part dealers offer only specialized programs. We have decided to have a broad product range to meet the demands of customers in the best possible way.

We continuously strive for extending the program to offer the most comprehensive solution whether it is a simple replacement of a complete unit or a spare.

With the HC-CARGO program you have a one-stop-supplier opportunity for parts for units.

For full program overview
and online-shop visit
www.hc-cargo.com

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STARTER PARTS

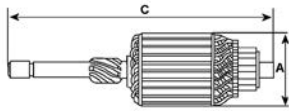
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ABBREVIATIONS:

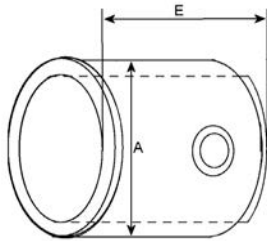
ACR=Anti-clockwise rotation, AC=Air condition, A=Ampere, AT=Automatic transmission, BS=Battery sense, Cat=Catalyzer, CR=Clockwise rotation, Cyl.=Cylinder, D=Insulated, DD=Direct drive, DF=DF plug, Dia.=Diameter, Dim.=Dimension, Dist.=Distance, EF=External fan, Eng.=Engine, Eur.=European application, FW=Free wheel pulley, GR=Gear reduction, HD=Heavy duty, HP=Horsepower, ID=Inner diameter, IF=Internal fan, IR=Internal regulator, K=Test lamp, kW=Kilowatt, LHD=Left hand drive, LRC=Load response control, OD=Outer diameter, PS=Power steering, RHD=Right hand drive, V=Volt, VP=Vacuum pump, w/=with, w/o=without, W= RPM connection, 15=Connection for the auxiliary start, 30h=W/ additional terminal 30h, 3(2)=Number of fixing holes - Number inbrackets represent threaded holes, ()=Vehicle type, []=Engine type

For armatures specific:



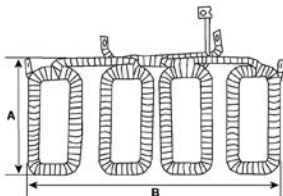
A = Core thickness
C = Shaft length

For yokes specific:



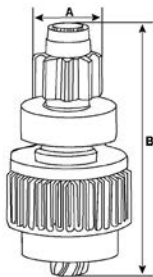
A = OD/middle
E = Length

For field coils specific:

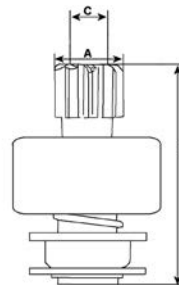


A = Height
B = Width

For drives specific:

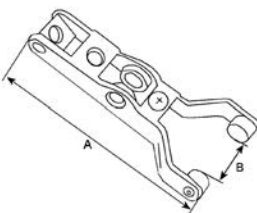


A = OD
B = Total length



A = OD
B = Total length
C = ID

For levers specific:



A = Length
B = Distance

TERMINAL CHART	Field / Rotor	Ground	Charging Lamp	Ignition	Point Central	Tacho / Stator	CPU Control	Battery Sense	Battery	Dummy
BOSCH	DF/F1/F2	B-/D-	D+/61/L/61E	15		W	COM/DF DFM/FR LI/RC LIN	S	B+	
BUTEC	F	-	D+						B+	
CHRYSLER	F1/F2/FLD	GRD							B+	
DELPHI			L				DFM		B+	
DENSO	F/F1/F2	E-	L	IG/R	N	P	FR/C/M	S	B/A	D
DUCELLIER	EXC	-/B-	D+	+		W			B+	
ELMOT	67	31	15			W			B+	
FORD (VISTEON)	DF/F/FLD	D-/VE	D+/IND/I			W/STA/S			B+/Bat	
HITACHI	F	E	L	IG/R	N	P	FR/G	S	B/A	D
ISKRA	DF	D-	D+			W			B+	
LADA	67	31	15						B+/30	
LUCAS	F	-	D+			STA/W		S	B+	
PAL/MAGNETON	M	-	R						B+	
MANDO (VALEO)	F	E	L/I	IG/R	N	P		S	B/A	D
MARELLI	67	31	15		C	W	FR/SIG LI/STD PHIN/RC		B+/30	
MITSUBISHI	F	E	L	IG/R	N	P	FR/G/D	S	B/A	D
MOTOROLA	EXC	-/B-	D+			W			B+	
PARIS RHONE	EXC	-/B-	L			W			B+	
REMY (DELCO)	F	GRD	D+/L/1	I/IG		P/R/W	F	M/S/2	B+	
SEV MARCHAL	DF	-/B-	61+			W			B+	
VALEO	EXC	-	L/D+/61E	15/+		W	COM/FR DF/DFM LIN		B+'	

Care is taken to ensure the accuracy of descriptions and applications of each item, but **CAR GO** assumes no responsibility for possible errors.
O.E.M. names and numbers are used for reference purposes only.
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ISO 9001
BUREAU VERITAS
Certification



Armatures
12 Volt


234204 Armature
 Replacing: 692034, 497603
 Servicing: 282700, 497594, 497595, 497596, 693054, 693551, 695479
 Shaft length 167.00, Core thickness 55.00



234210# Armature
 Replacing: 392747, 390837
 Servicing: 390838, 392749, 393017, 394674, 394805, 394808, 498149
 Shaft length 166.35, Core thickness 55.15

Field Cases


234471 Field Case
 Replacing: 398159, 393825
 Servicing: 394805, 394808, 491308, 497453, 498149, 690658
 OD/ middle 78.50, Length 97.20/3.83",
 Brush gear w/o, Magnets w/

D.E. Brackets


234209 Brush Gear
 Replacing: 395537
 Servicing: 393499, 394805, 394807, 394808, 394943, 396306, 491308, 491766, 497453, 498149, 690658
 12 V, OD 79.20

Drives


137278 Drive Kit
 Replacing: 391461
 Servicing: 390838, 391178, 392749, 393499, 394807, 394943
 No./ teeth 16
 Gear: HC-CARGO 139395.



139417 Drive Kit
 Replacing: 696539, 495877, 490467, 393254
 Servicing: 394808, 396306, 399169, 490420, 494148, 494198, 494990, 495100, 498148
 ID 16.20, OD 40.00, Total length 11.55,
 Splines A 3, No./ teeth 16
 Gear: HC-CARGO 139395.



139418 Drive Kit
 Replacing: 696540, 495878, 490771, 490421, 396865, 3886
 Servicing: 394805, 394808, 396306, 399169, 399928, 490420, 494148, 494198, 494990, 495100, 498148
 Gear: HC-CARGO 139395.



230399 Drive Kit
 Replacing: 491836
 Servicing: 490753, 495104
 OD 40.00, Total length 19.50,
 No./ teeth 16



230400 Drive Kit
 Replacing: 497606
 Servicing: 497401, 497594, 497595, 497596, 499521, 693054
 OD 41.00, Total length 11.50,
 No./ teeth 16
 w/ snap ring.

Drive Parts
Pinion


139395 Pinion
 Replacing: 693059, 4114, 280104
 Servicing: 390838, 394805, 399928, 491334, 495102, 497596, 498148
 ID 20.50, OD 41.00, Height 11.50,
 Splines 2, No./ teeth 16



234466 Pinion
 ID 15.90, OD 40.60/1.60",
 Height 19.80/0.78", Splines 2,
 No./ teeth 16



235627 Pinion
 Replacing: 693713
 Servicing: 693551, 693552, 695479
 ID 16.20, OD 40.85, Total length 13.80,
 Splines A 2, No./ teeth 14, Rotation ACR

Clutches

234211 Clutch

Replacing: 692024, 398003, 391135

Servicing: 393499, 394805, 394807, 394808, 394943, 396306, 399169, 399928, 490420, 491308, 494148, 494198, 494990, 495100, 497401

Brush Gears

230397 Brush Gear

Replacing: 691293, 497605

Servicing: 390838, 394805, 497401, 497594, 497595, 497596, 499521, 693054, 693551, 693552, 694504, 695479

12 V, OD 71.60

Brush Gear Parts
Brush Holders

230402 Brush Box

OD 44.00

Brush Sets

141049 Brush Set

Replacing: 497608

Servicing: 497401, 497594, 497595, 497596, 499521, 693054, 693551, 693552, 694504, 695479

 12 V, Length 15.60 (0.614"),
 Lead length 43.00, Lead length 2 74.00,
 Height 9.50 (0.374"), Thickness 7.10 (0.280")

141052 Brush Set

Replacing: 490311

Servicing: 399928, 490753, 491334, 495102, 498148

 12 V, Length 15.60 (0.614"),
 Lead length 81.00, Lead length 2 59.50,
 Height 12.60 (0.496"), Thickness 9.40 (0.370")

141053 Brush Set

Replacing: 391791

Servicing: 390838, 391178, 392749, 393017, 394674

 12 V, Length 14.90 (0.587"),
 Lead length 43.50, Height 9.40 (0.370"),
 Thickness 6.20 (0.244")

Bushings

141050 Bushing

Servicing: 391334, 393499, 394943, 491334, 492336, 492780, 494233, 495102, 691376, 695550, 795092

 ID 9.60, OD/ collar 18.80, OD 14.30,
 Length 9.45, Height/ collar 1.40

Pkg. 10


141051 Bushing

Servicing: 391334, 393499, 394943, 491334, 492336, 492780, 494233, 495102, 691376, 695550, 795092

ID 12.51, OD 18.24, Length 12.68

Pkg. 10


141077 Bushing

 ID 12.55, OD/ collar 24.00, OD 19.04,
 Length 13.45, Height/ collar 3.00

Pkg. 10


141078 Bushing

ID 12.55, OD 19.05, Length 11.90

Repair Kits

139394 Repair Kit

Replacing: 395538

Servicing: 393499, 394805, 394807, 394808, 394943, 396306, 491308, 497453, 498149, 690658

 12 V, Length 9.50, Lead length 18.80,
 Height 14.30, Thickness 9.50

 Bushing: O.D. 18.23 mm, I.D. 9.54 mm, L. 12.74 mm.
 Bushing: O.D. 14.35 mm, I.D. 9.54 mm, L. 9.51 mm.

Armatures
24 Volt

134108 Armature

Replacing: 852529, 852506, 851330, 850262, 850261

Servicing: 850277, 850604, 850606, 850628, 850811, 850894, 851002, 851004A, 851124, 851339, 851515, 851539, 852563, 852651, 854139

7 kW, Shaft length 450.00,
Core thickness 83.00, No./ splines 19


233966# Armature

Replacing: 859134, 589134

Servicing: 859411, 859839, 859970, LNS4524, LNS4524/11, LNS4524/12, LNS4524/13, LNS4524/14, LNS4524/15, LNS4524/16, LNS4524/17

4.5 kW, Shaft length 347.00,
Core thickness 80.00, No./ splines 3

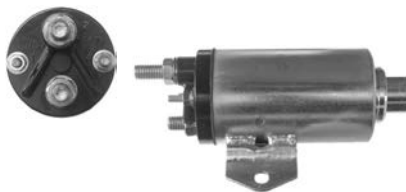
Field Coils
24 Volt

134111 Field Coil

Replacing: 851133, 850187

Servicing: 850277, 850604, 850606, 850628, 850811, 850894, 851002, 851004A, 851124, 851339, 851515, 851539, 852563, 852651, 854139

24 V, 7 kW, Height 159.00,
Internal height 105.35, Inner width 36.50

Solenoids
24 Volt

132140 Solenoid

Replacing: 856121, 856025, 855528, 855248, 850686

Servicing: 850277, 850461, 850534, 850598, 850604, 850606, 850615, 850628, 850811, 850894, 851002, 851004A, 851124, 851339, 851360

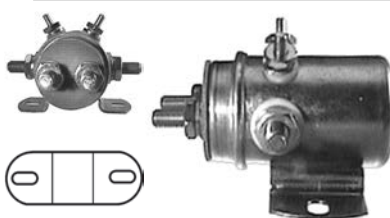
24 V, B+ M14-1.50, Kl. 15a M6,
Kl. 50 M6, OD 76.00, OD/ cover 76.35,
Total length 216.50, Height/ B+ 33.00,
Width/ kl. 15a 18.30,
Width/ kl. 50 17.75, Coil bolt M14-1.50,
Coil bolt 2 24.60, No./ terminals 4
Cap: HC-CARGO 132141. Moving contact: HC-CARGO 132142. Insulated return.


136400 Solenoid

Replacing: 856407

Servicing: 856766, 857673, 858617, GR2, GR45, GR45/10, GR45/17, GR45/18, GR45/19, GR45/2, GR45/3, GR45/9

24 V, B+ M12, Kl. 15a M5, Kl. 50 9.40,
OD 56.80, OD/ cover 56.90,
Total length 188.90, Height/ B+ 26.00,
Width/ kl. 15a 14.60,
Width/ kl. 50 11.20, Coil bolt M8,
Coil bolt 2 9.40, No./ terminals 4


137766 Solenoid

Replacing: 860867

24 V, 100 Amp, Intermittent load 600 Amp., B+ 5/16" UNF, Kl. 15a 3/16" UNF, Kl. 50 3/16" UNF, OD 41.00,
Total length 89.40, Height/ B+ 18.35,
Width/ kl. 15a 12.00,
Width/ kl. 50 12.40, Coil bolt 5/16" UNF,
Coil bolt 2 17.65, Seconds 5,
No./ terminals 6


138984 Solenoid

Replacing: 859420

Servicing: 859411, 859839, 859970, LNS4524, LNS4524/11, LNS4524/12, LNS4524/13, LNS4524/14, LNS4524/15, LNS4524/16, LNS4524/17

24 V, B+ M10, Kl. 15a M5, Kl. 50 9.40,
OD 56.75, OD/ cover 56.90,
Total length 180.55, Height/ B+ 27.75,
Width/ kl. 15a 14.60,
Width/ kl. 50 11.80, Coil bolt M8,
Coil bolt 2 11.25, No./ terminals 4

Solenoid Parts
Moving Contacts

Pkg. 5


132142 Contact Plate

Replacing: 850689

Servicing: 850277, 850461, 850534, 850598, 850604, 850606, 850615, 850628, 850811, 850894, 851002, 851004A, 851124, 851339, 851360

Thickness 3.00, Width 50.15
12/24 V.

Various

136412 Rubber Boot

Replacing: 850733

Servicing: MS1, MS1/100, MS1/101, MS1/102, MS1/103, MS1/104, MS1/105, MS1/106, MS1/107, MS1/108, MS1/109, MS1/110, MS1/111

OD 52.35, Length 43.35

Drives

131056 Drive

Replacing: 852762

Servicing: 40MT, 42MT, 50MT

ID 15.90, OD 46.20,

OD/ housing 57.65, Total length 120.40,

Shaft length 15.90 (5/8"), Splines A 19, No./ teeth 12, Rotation CR


131766 Drive

Replacing: 852957, 852758, 850758, 850363

Servicing: 40MT, 850277, 850461, 850534, 850598, 850604, 850606, 850615, 850811, 850894, 851002, 851004A, 851339, 851360, 851450

ID 19.00 (3/4"), OD 46.30,

OD/ housing 58.00,

Total length 120.40/4.740",

Shaft length 19.00/0.748", Splines A 19, No./ teeth 12, Rotation CR

Bronze.


131767 Drive

Replacing: 852958, 852759, 850764, 850674

Servicing: 40MT, 50MT, MS3/30, MS3/7, ms3a

ID 15.90 (5/8"), OD 38.80,

OD/ housing 58.00, Total length 120.40,

Splines A 19, No./ teeth 10, Rotation CR


131768 Drive

Replacing: 852959, 852760, 850760, 850629

Servicing: 40MT, 850628, 851124, ms1-327a, MS1/100, MS1/101, MS1/102, MS1/103, MS1/107, MS1/108, MS1/111, MS1/113, MS1/114

ID 19.00 (3/4"), OD 56.50, OD/housing 58.00, Total length 120.40/4.740",

Shaft length 19.00/0.748", Splines A 19,

No./ teeth 11, Rotation CR


136402 Drive

Replacing: 856938

Servicing: 856766, 857673, 858617, GR45/18, GR45/2, GR45/9

ID 14.00, OD 31.90,

OD/ housing 63.00, Total length 90.70,

Splines A 12, No./ teeth 10, Rotation CR


232228 Drive

Replacing: 859145

Servicing: 859411, 859839, 859970, LNS4524, LNS4524/11, LNS4524/23, LNS4524/24, LNS4524/26, LNS4524/5, LNS4524/6

ID 14.30, OD 31.20,

OD/ housing 59.55, Total length 107.00,

Splines A 3, No./ teeth 10, Rotation CR

Brush Sets

Pkg. 5


140549 Brush Set

Replacing: 856416, 856412

Servicing: 856766, 857673, 858617, GR45, GR45/10, GR45/13, GR45/14, GR45/15, GR45/16, GR45/17, GR45/18, GR45/19, GR45/2, GR45/3

24 V, Length 20.00, Lead length 40.00, Lead length 2 49.50, Height 25.00, Thickness 8.00


141200 Brush Set

Replacing: 859091, 859090

Servicing: 859411, 859839, 859970, LNS4524, LNS4524/11, LNS4524/12, LNS4524/13, LNS4524/14, LNS4524/15, LNS4524/16, LNS4524/17

24 V, Length 21.00, Lead length 160.00, Lead length 2 58.00, Height 19.00, Thickness 9.50


BUTSX44 Brush Set

Replacing: 850749

Servicing: MS3, 850277, 850461, 850534, 850598, 850604, 850606, 850615, 850628, 850811, 850894, 851002, 851004A, 851124, 851339

24 V, Length 21.00, Lead length 62.00, Height 20.40, Thickness 9.50

Bushings

Pkg. 10


140402 Bushing

Replacing: 855174, 850139

Servicing: 850277, 850461, 850534, 850598, 850604, 850606, 850615, 850628, 850811, 850894, 851002, 851004A, 851124, 851339, 851360

 ID 22.22, OD 28.60, Length 31.75
 Alternative no.: b140402

Pkg. 10


140403 Bushing

Replacing: 850141

Servicing: 850277, 850461, 850534, 850598, 850604, 850606, 850615, 850628, 850811, 850894, 851002, 851004A, 851124, 851339, 851360

 ID 19.05, OD 25.40, Length 19.05
 Alternative no.: b140403

Pkg. 5


140521 Bushing

Replacing: 856476

Servicing: 856766, 857673, 858617, GR45/10, GR45/13, GR45/14, GR45/15, GR45/16, GR45/17, GR45/18, GR45/19, GR45/2, GR45/3, GR45/5

ID 14.03, OD 17.50, Length 19.00

Pkg. 5


141201 Bushing

Replacing: 859077

Servicing: 859411, 859839, 859970, LNS4524, LNS4524/11, LNS4524/12, LNS4524/13, LNS4524/14, LNS4524/15, LNS4524/16, LNS4524/17

ID 14.30, OD 17.49, Length 17.97

Pkg. 100


B140402 Bushing

Replacing: 855174, 850139

ID 22.22, OD 28.60, Length 31.75

Alternative no.: 140402

Pkg. 100


B140403 Bushing

Replacing: 850141

ID 19.05, OD 25.40, Length 19.05

Alternative no.: 140403

Sundry Parts
Oil Seals

Pkg. 5


139895 Oil Seal

Replacing: 850137

Servicing: MS1, ms1-327a, MS1/100, MS1/101, MS1/102, MS1/103, MS1/104, MS1/105, MS1/106, MS1/107, MS1/108, MS1/109, MS1/110

ID 22.20, OD 28.60, Height 3.80

Various

Pkg. 5


136415 Thrust Washer

Replacing: 850148

Servicing: MS1, ms1-327a, MS1/100, MS1/101, MS1/102, MS1/103, MS1/104, MS1/105, MS1/106, MS1/107, MS1/108, MS1/109, MS1/110

ID 22.00, OD 38.20, Thickness 1.60, Material Fiber

Pkg. 10


139896 Wick

Replacing: 850154

Servicing: MS1, ms1-327a, MS1/100, MS1/101, MS1/102, MS1/103, MS1/104, MS1/105, MS1/106, MS1/107, MS1/108, MS1/109, MS1/110

Armatures
12 Volt

130136 Armature

Replacing: a889, 6211-270, 6211-26b, 6211-26

Servicing: 1320015, 1320023, 1320027, 1320028, 1320029, 1320035, 1320036, 1320045, 1320092, 1320161, 1320183, 1320502, 1320510

3.6 kW, Shaft length 355.00, Core thickness 74.40, No./ splines 3, Rotation CR
4 holes.

24 Volt

130137 Armature

Replacing: a948, 6211-225b, 6211-225a, 6211-225, 6211-144b, 6211-144

Servicing: 1321021, 1321032, 1321033, 1321041, 1321112, 1321182, 1321471, 1321491, 1321552, 1321580, 1321600, 1321700, 1321780

5.2 kW, Shaft length 355.00, Core thickness 74.40, No./ splines 3, Rotation CR
6 holes.


131657 Armature

Replacing: a505, a368, 5586-194

4 kW, Shaft length 364.00, Core thickness 82.00

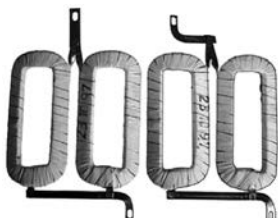
Field Coils
12 Volt

133018 Field Coil

Replacing: f564c, 6211-289a

Servicing: 1320015, 1320023, 1320027, 1320029, 1320035, 1320045, 1320092, 1320161, 1320183, 1320502, 1320510, 1320513, 1320515

12 V, 3.6 kW, Height 134.40, Internal height 94.85, Inner width 29.60

24 Volt

138783 Field Coil

Replacing: f523, 5933-602f

Servicing: 1321021, 1321032, 1321041, 1321182, 1321471, 1321491, 1321580, 1321600, 1321700, 1321780, 1321F022, 1321F032, 1321F042

24 V, 5.2 kW, Height 136.50, Internal height 94.75, Inner width 29.15

Solenoids
12 Volt

132594 Solenoid

Replacing: 6211-39

Servicing: 1320015, 1320023, 1320027, 1320028, 1320029, 1320045, 1320075, 1320092, 1320142, 1320161, 1320183, 1320502, 1320510

12 V, OD 98.40, Total length 60.70


132595 Solenoid

Replacing: 6510-58, 6211-39d, 6211-39c, 6211-39b

Servicing: 1320015, 1320023, 1320027, 1320029, 1320183, 1320510, 1320513, 1320515, 1320D183, 1320F022, 1320F027, 1320F028

12 V


132596 Solenoid

Replacing: 6211-191

Servicing: 1320035, 1320036, 1320294, 1320352, 1320552, 1320601, CA45D12-15, CA45D12-29M, CA45D12-3, CA45D12-35M, CA45D12-3M

12 V, OD 98.30, Total length 60.00
Insulated return.


132597 Solenoid

Replacing: 6510-59, 6211-826, 6211-191a

Servicing: 1320035, 1320036, 1320F035, 1320F036, 1320F114, 1320F294, 1320F352, 1320F502, 1320F552, 1320F601, 1320F914, 1320G035

12 V, OD 98.30, Total length 60.45
Insulated return.

24 Volt

130332 Solenoid

Replacing: 267-4, 267-2, 1828a040, 1828040, 1828020

Servicing: 1333480, 1333520, 1333860, 1364101, BS524P-216

24 V, OD 60.50, Total length 83.00


132599 Solenoid

Replacing: 6211-206a, 6211-206

 Servicing: 1321032, 1321033, 1321112, 1321292, 1321352, 1321491, 1321552, 1321580, 1321600, 1321780, CA45D24-11, CA45D24-11M
 24 V, OD 98.30, Total length 60.10
 Insulated return.

132600 Solenoid

Replacing: 6211-825, 6211-516, 6211-152b, 6211-152a

 Servicing: 1321F022, 1321F042, 1321F183, 1321F472, 1321F532, 1321F652, 1321F701, 1321F702, 1321F871, 1321F906, 1321F910, 1321F913
 24 V

132601 Solenoid

Replacing: 6211-517

 Servicing: 1321F032, 1321F033, 1321F112, 1321F292, 1321F352, 1321F491, 1321F551, 1321F580, 1321F600, 1321F780, 1321F840, 1321F880
 24 V, OD 98.30, Total length 60.35
 Insulated return.

138390 Solenoid

Replacing: bbng-5g, 18221a01, 1821054

 Servicing: 1343021, 1343035, 1343041, 1343051, 1343061, 1343071, 1343113, 1343151, 1343171, 1343181, 1343232, 1343251, 1343271
 24 V

139709# Solenoid

Replacing: 6211-773, 6211-546

 Servicing: ca45g24-11m, ca45g24-3m
 24 V
 Insulated return.

230436 Solenoid

Replacing: 6510-60

 Servicing: 1327470, 1327480, 1327591, 1327620, 1327621, 1327A470, 1403010, S11524-20X, S11524-23, S11524-23X, S11524-7, S11524-8
 24 V, OD 98.30, Total length 70.60

Solenoid Parts

Moving Contacts


130851 Contact Kit

Replacing: 6211-33, 6211-32, 6010-240, 6010-148

 Servicing: 1320015, 1320023, 1320027, 1320028, 1320029, 1320035, 1320036, 1320045, 1320075, 1320092, 1320142, 1320161, 1320183
 12/24 V.

Fixed Contacts


231467 Contact Plate

 Replacing: 6510-68
 Servicing: S114HD24-2
 ID 39.85, OD 98.50, Thickness 3.55

Drives


130417 Drive

Replacing: 5549-306bj

Servicing: 1332521, 1333590, 1333860, BS524P-159, BS524P-186, BS524P-52

 ID 14.70, OD 34.70,
 OD/ housing 35.00, Total length 120.00,
 Splines A 3, No./ teeth 9, Rotation CR

130722 Drive

Replacing: 5549-306ch

Servicing: 1343391, 1343491, 1343502, 1343503, 1343508, 1343511, 1343514, 1343530, 1343550, 1343731, 1343754, 1343C391, 1343C503

 ID 14.70, OD 39.00, Total length 120.00,
 Splines A 3, No./ teeth 10

130899# Drive

Replacing: 5549-306cm

Servicing: 1373360, 1373390, 1373400, 1373404, 1373407, 1382351, 1382610, 1386230, 1386270, 1386280, 1386310, 1386471, 1386511

 ID 14.70, OD 45.90, Total length 117.00,
 Splines A 3, No./ teeth 12

130900 Drive

Replacing: 5933-820s, 5933-820, 5933-332a

Servicing: 1320015, 1320023, 1320027, 1320029, 1320510, 1320513, 1320515, 1320F022, 1320F027, 1320F515, 1320G027, 1320G515

 ID 15.85, OD 39.60, Total length 139.00,
 No./ teeth 10
 4 holes.



130940 Drive

Replacing: 6211-375

Servicing: 1320F027, 1320F035, 1320F183, 1320F513, 1320F515, 1320F810, 1320F921, CA45F12-109, CA45F12-18, CA45F12-2, CA45F12-3
ID 15.50, OD 39.60, Total length 139.00, Splines A 8, No./ teeth 10
8 holes.



131305# Drive

Replacing: 5549-306t

Servicing: 1382033, 1382034, 1382091, 1382251, 1382252, 1382382, 1382630, 1386111, 1386330, 1386350, 1386360, 1386461, 1386491
ID 14.60, OD 45.90, Total length 117.00, Splines A 3, No./ teeth 13



131745 Drive

Replacing: 5549-306bs

Servicing: 1331451, 1332814, 1333272, 1333580, 1333830, 1343351, 1364080, BS512P-145, BS524P-127S, BS524P-158, BS524P-183
ID 14.60, OD 39.50, Total length 120.00, Splines A 3, No./ teeth 11



131747 Drive

Replacing: 5549-306w

Servicing: 1331441, 1331520, 1331670, 1333441, 1333520, 1333670, BS512P-144, BS512P-152, BS512P-167, BS524P-144, BS524P-152
ID 14.50, OD 45.90, Total length 120.00, Splines A 3, No./ teeth 13



131749 Drive

Replacing: 6211-66

Servicing: 1320015, 1320023, 1320027, 1320029, 1320035, 1320092, 1320183, 1320510, 1320513, 1320515, 1320810, 1320F022, 1320F027
ID 15.40, OD 39.60, Total length 139.00, Splines A 3, No./ teeth 10
4 holes.



131752 Drive

Replacing: 6211-375b

Servicing: 1320015, 1320023, 1320027, 1320029, 1320510, 1320513, 1320515, 1320F022, 1320F027, 1320F515, 1320G027, 1320G515
ID 15.50, OD 39.60, Total length 139.00, Splines A 3, No./ teeth 10
10 holes.



133012# Drive

Replacing: 6211-66l

Servicing: 1321021, 1321032, 1321182, CA45D24-15, CA45D24-18, CA45D24-2, CA45D24-3, CA45D24-51, CA45D24-65
ID 15.70, OD 39.50, Total length 138.75, Splines A 3, No./ teeth 10
6 holes. Bronze.



133790 Drive

Replacing: 6211-700aa, 6211-596f, 6211-596b

Servicing: 1321g022, 1321g033, 1321g183, 1321g551, 1321g906, 1321G910, CA45G24-106, ca45g24-18, ca45g24-3m
ID 15.50, OD 39.45, Total length 139.00, No./ teeth 10
10 holes.



133791 Drive

Replacing: 6211-596g, 6211-596

Servicing: 1320G028, 1320G036, 1320G552, CA45G12-2M, CA45G12-3M, CA45G12-55M
ID 15.50, OD 39.50, Total length 139.00, No./ teeth 10
8 holes.



133909 Drive

Replacing: 6211-375v

Servicing: 1320015, 1320023, 1320027, 1320029, 1320183, 1320510, 1320513, 1320515, 1320D183, 1320F022, 1320F027, 1320F183
ID 15.50, OD 39.50, Total length 139.00, Splines A 3, No./ teeth 10
8 holes. w/ oil seal.



134466 Drive

Replacing: 6211-375g

Servicing: 1320035, 1320036, 1320F028, 1320F035, 1320F036, 1320F552, 1320G036, CA4512-3, CA45D12-3, CA45F12-2M, CA45F12-3
ID 15.90, OD 39.30, Total length 139.00, No./ teeth 10
8 holes.



135883 Drive

Replacing: 6211-700b

Servicing: 1320015, 1320023, 1320027, 1320029, 1320510, 1320513, 1320515, 1320F022, 1320F027, 1320F515, 1320G027, 1320G515
ID 15.50, OD 39.45, Total length 139.00, Splines A 3, No./ teeth 10
12 holes.


136158 Drive

Replacing: 6211-375z

 ID 15.50, OD 39.35, Total length 139.00,
Splines A 3, No./ teeth 11
10 holes.

138358 Drive

Replacing: 6211-700w, 6211-700v

 Servicing: 1321G702, 1327020, 1327030,
1327430, 1327440, 1327471, 1327620,
1327a020, 1327A620, CA45G24-72, S11512-
3M, S11512-4M

 ID 15.50, OD 39.70, Total length 139.00,
Splines A 3, No./ teeth 10

138825# Drive

Replacing: 5549-306j

 Servicing: bs512p-66, bs512p-86, bs524p-2,
bs524p-2m

 ID 14.75, OD 39.50, Total length 120.00,
Splines A 3, No./ teeth 11
Bronze.

139893 Drive

Replacing: 6211-856

 Servicing: 1403010, s115hd24-1,
s115hd24-2, ZGS002, ZGS003

 ID 15.50, OD 37.90, Total length 139.00,
Splines A 3, No./ teeth 10
10 holes.

230096 Drive

Replacing: 6211-700y, 6211-700al, 6211-700ae

 Servicing: 1321g929, 1327A691,
CA45G24-121, CA45G24-121M, S115A24-30M

 ID 15.50, OD 35.15, Total length 138.75,
Splines A 3, No./ teeth 9
12 holes. w/ oil seal.

230098 Drive

Replacing: 6211-596v

 Servicing: 1320G027, 1320G035, 1320G092,
1320G183, 1320G515, 1320g720, 1320G810,
1320g830, 1320G921, 1320G923, 1320g925

 ID 15.50, OD 39.50, Total length 139.00,
Splines A 3, No./ teeth 10
8 holes. w/ oil seal.

234798 Drive

Replacing: 6211-700e

 Servicing: 1327460, 1327580, 1327a580,
1327a581, 1327A610, 1327A611, 1327A710,
S11524-19, S11524-6, s115a24-19, S115A24-22

 OD 46.00, Total length 139.00,
Splines A 3, No./ teeth 12, Rotation CR
12 holes. w/ oil seal.

234802# Drive

Replacing: 6211-700f

 Servicing: 1321G033, 1321G551, 1321G906,
1321h033, 1321H551, 1321H906, CA45G24-104M,
CA45G24-3M, CA45G24-55M, CA45H24-104M

 OD 39.00, Total length 139.00,
No./ teeth 10
12 holes. w/ oil seal.

234803 Drive

Replacing: 6211-700ac

 Servicing: 1327a080, 1327a081, 1327a500,
1327a501, s115a12-11m, S115A24-11M

 OD 35.00, Total length 139.00,
No./ teeth 11
12 holes. w/ oil seal.

Drive Parts

Springs


139721 Spring

Replacing: 6211-227a

 Servicing: 1320015, 1320023, 1320027,
1320029, 1320183, 1320510, 1320513, 1320515,
1320D183, 1320F022, 1320F027, 1320F183

OD 25.00, Length 69.00

Pkg. 5


230326 Spring

Replacing: 6211-70a, 6211-70

 Servicing: 1320015, 1320023, 1320027,
1320029, 1320035, 1320036, 1320510,
1320513, 1320515, 1320F022, 1320F027,
1320F035, 1320F036

OD 24.70, Length 52.50


230327 Spring

Replacing: 6211-761

 Servicing: 1327a540, S115A24-11M,
S115A24-15M

OD 23.60, Length 70.00


230364# Spring

Replacing: 6211-860

Servicing: 1403010, S114HD24-2, s115hd24-2, ZGS002, ZGS003

OD 22.00, Length 74.00

Clutches

130328 Clutch

Replacing: 5586-123

Clutch Parts
Various

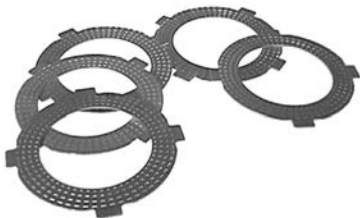
138391 Clutch Plate Set

Replacing: 5549-95

Servicing: 1330011, 1330032, 1330661, 1330861, 1331041, 1331172, 1331181, 1331371, 1331441, 1331451, 1331520, 1331670, 1331841

ID 32.00,

OD 67.90/75.70, Thickness 22.30


138392 Clutch Plate Set

Replacing: 5549-96

Servicing: 1330011, 1330032, 1330661, 1330861, 1331041, 1331172, 1331181, 1331371, 1331441, 1331451, 1331520, 1331670, 1331841

ID 47.00, OD 68.58, Thickness 1.10

Brush Gears
Brush Gear Parts
Brush Springs

Pkg. 4


139726 Brush Spring

Replacing: 5933-336

Servicing: 1320015, 1320023, 1320027, 1320029, 1320035, 1320036, 1320183, 1320510, 1320513, 1320515, 1320D183, 1320F022, 1320F027

OD 10.90, Length 10.10

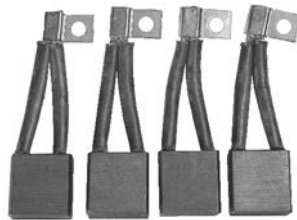
Brush Sets

141005 Brush Set

Replacing: 6211-548a, 6068-43

Servicing: 1320035, 1320036, 1320F035, 1320F036, 1320G036, 1320G927, 1327010, 1327020, 1327030, 1327040, 1327050, 1327471

12 V, Length 20.00, Lead length 49.00, Height 20.00, Thickness 9.00


141060 Brush Set

Replacing: 6211-548b

Servicing: 1327470, 1327480, 1327591, 1327620, 1327621, 1327A470, 1403010, S11524-20X, S11524-23, S11524-23X, S11524-7, S11524-8

24 V, Length 20.00, Lead length 51.50, Height 20.00, Thickness 9.00


ASX144 Brush Set

Replacing: 6211-548, 6068-47, 6068-42, 6068-29, 6068-20

 Servicing: 1321021, 1321032, 1321033, 1321041, 1321112, 1321182, 1321292, 1321352, 1321471, 1321491, 1321531, 1321552, 1321580
 24 V, Length 20.00, Lead length 47.00, Height 20.00, Thickness 9.00

ASX16-178 Brush Set

Replacing: 6068-4, 6068-33

Servicing: 1372033, 1373281, 1373360, 1373390, 1373400, 1373404, 1373407, 1382013, 1382014, 1382033, 1382034, 1382052, 1382091

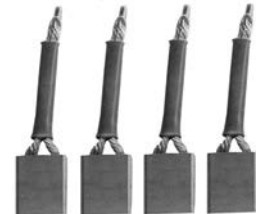
Length 26.00, Lead length 47.00, Lead length 2 36.00, Height 14.00, Thickness 12.00


ASX184 Brush Set

Replacing: 6068-10

Servicing: 1343021, 1343035, 1343041, 1343051, 1343061, 1343071, 1343113, 1343151, 1343171, 1343181, 1343232, 1343251, 1343271

24 V, Length 26.00, Lead length 50.00, Height 20.00, Thickness 12.00


ASX194 Brush Set

Replacing: 6068-8, 6068-34, 6068-28, 6068-18, 6068-1

Servicing: 1320015, 1320023, 1320027, 1320028, 1320029, 1320035, 1320036, 1320045, 1320075, 1320092, 1320142, 1320161, 1320183

12 V, Length 26.00, Lead length 66.00, Height 20.00, Thickness 9.00


ASX74 Brush Set

Replacing: 6068-2

 Servicing: 1332011, 1332022, 1332023, 1332031, 1332071, 1332382, 1332521, 1332814, 1333011, 1333172, 1333181, 1333272, 1333441
 24/32 V, Length 26.00,
 Lead length 54.00, Height 20.00,
 Thickness 9.00

Bushings

140154 Bushing

Replacing: 6211-235, 5933-44

 Servicing: 1320015, 1320023, 1320027, 1320028, 1320029, 1320035, 1320036, 1320045, 1320075, 1320092, 1320142, 1320161, 1320183
 ID 28.30, OD 33.00, Length 26.35

Pkg. 10


140169# Bushing

Replacing: 5549-270

 Servicing: 1372033, 1373281, 1373360, 1373390, 1373400, 1373404, 1373407, 1382013, 1382014, 1382033, 1382034, 1382052, 1382091
 ID 21.65, OD 25.05, Length 27.00
 Alternative no.: b140169

Pkg. 10


140170 Bushing

Replacing: 5549-307

 Servicing: 1330011, 1330032, 1330661, 1330861, 1331041, 1331172, 1331181, 1331371, 1331441, 1331451, 1331520, 1331670, 1331841
 ID 22.05, OD 26.05, Length 28.00
 Alternative no.: b140170

140171 Bushing

Replacing: 5894-23, 5549-610

 Servicing: 1330011, 1330032, 1330661, 1330861, 1331041, 1331172, 1331181, 1331371, 1331441, 1331451, 1331520, 1331670, 1331841
 ID 34.90, OD 39.30, Length 47.00

Pkg. 10


140172 Bushing

Replacing: 5586-160

 Servicing: 1330011, 1330032, 1330661, 1330861, 1331041, 1331172, 1331181, 1331371, 1331441, 1331451, 1331520, 1331670, 1331841
 ID 16.67, OD 19.60, Length 19.00
 Alternative no.: b140172

Pkg. 10


140173 Bushing

Replacing: 6211-303, 5933-603

 Servicing: 1320015, 1320023, 1320027, 1320028, 1320029, 1320035, 1320036, 1320045, 1320075, 1320092, 1320142, 1320161, 1320183
 ID 15.95, OD/ collar 23.70, OD 19.13,
 Length 18.00, Height/ collar 1.30
 Alternative no.: b140173

141003 Bushing

Replacing: 6400-247

 Servicing: 1333860, 1343351, 1343B736, 1343B758, 1343B760, 1343B764, 1343B771, 1343C021, 1343C041, 1343C051, 1343C391, 1343C503
 ID 35.80, OD 39.50, Length 47.80

141004# Bushing

Replacing: 6400-248

 Servicing: 1333480, 1333520, 1372033, 1373360, 1382102, 1382152, 1382313, 1382411, 1382441, 1382481, 1382501, 1382610, 1382630
 ID 35.48, OD 39.10, Length 34.00

Pkg. 10


141028 Bushing

Replacing: 6211-726

 Servicing: 1327470, 1327471, 1327480, 1327591, 1327620, 1327621, 1327A470, 1327A620, S11524-20X, S11524-23, S11524-23X, S11524-7
 ID 16.00, OD/ collar 25.40, OD 22.30,
 Length 17.05, Height/ collar 2.50

Pkg. 100


B140170 Bushing

Replacing: 5549-307

 ID 22.05, OD 26.05, Length 28.00
 Alternative no.: 140170

Pkg. 100


B140173 Bushing

Replacing: 6211-303, 5933-603

 ID 15.95, OD/ collar 23.70, OD 19.13,
 Length 18.00, Height/ collar 1.30
 Alternative no.: 140173

Bearings
Needle Bearings

Pkg. 10


141039 Needle Bearing

Servicing: 1403010, S115HD24-2, ZGS002, ZGS003

ID 15.00, OD 21.00, Height 14.00, Rolls 17

Pkg. 10


141042# Axial needle Bearing

Servicing: 1403010, S115HD24-2, ZGS002, ZGS003

ID 15.00, OD 28.00, Height 2.00, Rolls 20

Pkg. 10


141043# Axial Bearing Washer

ID 15.00, OD 28.00, Thickness 1.00, Material Steel

Repair Kits

130850 Repair Kit

Replacing: 6010-127, 521

Servicing: 1320015, 1320023, 1320027, 1320029, 1320035, 1320036, 1320183, 1320510, 1320515, 1320D183, 1320F022, 1320F027

Sundry Parts
Oil Seals

Pkg. 5


132981 Oil Seal

Replacing: 5933-906

Servicing: 1320015, 1320023, 1320027, 1320029, 1320035, 1320036, 1320510, 1320513, 1320515, 1320F022, 1320F027, 1320F035, 1320F036

ID 28.00, OD 35.00, Height 3.10


139389 Oil Seal

Replacing: 5586-224

Servicing: BS612L-M87, BS624J-100, BS624J-113, BS624J-99, BS624J-K112, BS624J-K127M, BS624J-K128, BS624J-K129M, BS624J-K131

ID 33.50, OD 52.60, Height 6.00

Pkg. 5


139618 Oil Seal

Replacing: 6211-391

Servicing: 1320015, 1320023, 1320027, 1320029, 1320183, 1320510, 1320513, 1320515, 1320D183, 1320F022, 1320F027, 1320F183

ID 28.50, OD 44.50, Height 5.00


230097 Oil Seal

Replacing: 6211-221

Servicing: 1320183, 1320D183, 1320F183, 1320G183, 1320G830, 1320H830, CA45D12-18, CA45D12-83, CA45D12-93, CA45D24-79, CA45D24-84

ID 16.00, OD 24.50, Height 5.00

Pkg. 5


230335 Oil Seal

Servicing: 1403010, S115HD24-2, ZGS002, ZGS003

ID 30.00, OD 37.00, Height 4.00

Pkg. 5


230367 Oil Seal

Servicing: 1403010, S115HD24-2, ZGS002, ZGS003

ID 30.00, OD 37.00, Height 4.00

O-rings

Pkg. 10


138751# O-ring

Servicing: 1403010, S115HD24-2, ZGS002, ZGS003

ID 12.00, Thickness 2.50

Pkg. 10


230376 O-ring

Replacing: 5855-30dv

Servicing: 1327470, 1327471, 1327480, 1327591, 1327620, 1327621, 1327A470, 1327A620, 1403010, S11524-20X, S11524-23, S11524-23X

ID 12.20, Thickness 1.80

Pkg. 10


230377 O-ring

Replacing: 6211-675b

Servicing: 1327471, 1327480, 1327591, 1327620, 1327621, 1327A470, 1327A620, 1403010, S11524-20X, S11524-23, S11524-23X, S11524-7X

ID 7.70, Thickness 1.80

Pkg. 10


230378 O-ring

Replacing: 6211-675d

Servicing: 1327480, 1327591, 1327620, 1327621, 1327A470, 1403010, S11524-20X, S11524-23, S11524-23X, S11524-8, S115A12-1

ID 3.70, Thickness 1.80

Pkg. 10


230379 O-ring

Replacing: 6211-675e

Servicing: 1327470, 1327471, 1327480, 1327591, 1327620, 1327621, 1327A470, 1327A620, 1403010, S11524-20X, S11524-23, S11524-23X

ID 5.50, Thickness 2.40

Pkg. 5


230380[#] O-ring

Replacing: 6211-675n

Servicing: 1327470, 1327480, 1327591, 1327620, 1327621, 1327A470, 1403010, S114HD24-2, S11524-20X, S11524-23, S11524-23X, S11524-7

ID 11.90, Thickness 1.78

Pkg. 10


230381 O-ring

Replacing: 6211-675h

Servicing: 1320183, 1320D183, 1320F183, 1320G183, 1320G830, 1320H830, 1327470, 1327471, 1327480, 1327591, 1327620, 1327621

ID 10.00, Thickness 3.00

Terminal (B+): HC-CARGO 139713.

Pkg. 10


230382[#] O-ring

Replacing: 6211-675m

Servicing: 1327471, 1327480, 1327591, 1327620, 1327621, 1327A470, 1327A620, 1403010, S11524-20X, S11524-23, S11524-23X, S11524-7X

ID 31.35, Thickness 0.80

Pkg. 10


233599 O-ring

Servicing: 1403010, s115hd24-2, ZGS002, ZGS003

ID 9.60, Thickness 1.78, Material Rubber

Pkg. 10


238300 O-ring

Servicing: 1327470, 1327471, s11524-7, s11524-7x

ID 105.00, Thickness 5.00, Material Rubber

Various


130852 Resistor

Replacing: 6211-46a

Servicing: 1320015, 1320023, 1320027, 1320028, 1320029, 1320045, 1320075, 1320092, 1320142, 1320161, 1320183, 1320502, 1320510

ID/ mount. hole 6.50, Length 286.40, Width 23.80 mm

12 V.

Pkg. 10


132982 Plug

Replacing: 5933-83

Servicing: 1320015, 1320023, 1320027, 1320029, 1320035, 1320036, 1320183, 1320510, 1320513, 1320515, 1320D183, 1320F022, 1320F027

OD 26.00, Height 1.85

Pkg. 5


132983 Plug

Replacing: 6211-500

Servicing: 1320015, 1320023, 1320027, 1320029, 1320035, 1320036, 1320183, 1320510, 1320513, 1320515, 1320D183, 1320F022, 1320F027

OD 13.00, Height 2.25


138784 Resistor

Replacing: 6211-526, 6211-203

Servicing: 1321032, 1321033, 1321112, 1321292, 1321352, 1321491, 1321552, 1321580, 1321600, 1321780, 1321F032, 1321F033, 1321F112

ID/ mount. hole 6.40, Length 291.90, Width 23.30 mm

24 V. Insulated return.



139662 Resistor

Replacing: 6211-175a

Servicing: 1320035, 1320036, 1320294, 1320352, 1320552, 1320601, 1320F035, 1320F036, 1320F114, 1320F294, 1320F352, 1320F552

ID/ mount. hole 6.40, Length 260.25, Width 24.15 mm

12 V. Insulated return.

Pkg. 4



139708 Connection

Replacing: 6211-961

Servicing: 1320183, 1320D183, 1320F183, 1320G183, 1320G830, 1320H830, 1327470, 1327471, 1327A620, 1403010, CA45D12-18, CA45D12-83

Pkg. 10



139712# Plug

Replacing: 6211-648

Servicing: 1327470, 1327471, 1327480, 1327591, 1327620, 1327621, 1327A470, 1327A620, 1403010, S11524-20X, S11524-23, S11524-23X

OD 18.50



139713 Terminal Bolt

Replacing: 6510-4, 6510-3, 6211-678

Servicing: 1320015, 1320023, 1320027, 1320029, 1320510, 1320513, 1320515, 1320F022, 1320F027, 1320F513, 1320F515, 1320G027

Total length 50.70, Thread length 24.80, Thread size M8

Nut: HC-CARGO 139714.

Pkg. 5



139714 Nut

Replacing: nu11-5t1

Servicing: 1327470, 1327480, 1327591, 1327620, 1327621, 1327A470, S11524-20X, S11524-23, S11524-23X, S11524-7, S11524-8, S115A12-1

Thread M8, OD 12.85, Lock nut No



139715 Collar

Replacing: 6211-372

Servicing: 1320015, 1320023, 1320027, 1320029, 1320183, 1320510, 1320513, 1320515, 1320D183, 1320F022, 1320F027, 1320F183

ID 31.00, OD 34.10, Height 16.30



139716 Spring

Replacing: 6211-437

Servicing: 1320183, 1320D183, 1320F183, 1320G183, 1320G830, 1320H830, 1327470, 1327471, 1327480, 1327591, 1327620, 1327621

OD 29.55, Length 21.00



139717 Washer

Replacing: 5936-456

Servicing: 1327470, 1327471, 1327480, 1327591, 1327620, 1327621, 1327A470, 1327A620, 1403010, S11524-20X, S11524-23, S11524-23X

ID 22.15, OD 32.30, Thickness 0.25, Material Steel

Pkg. 5



139718 Washer

Replacing: 6211-600

Servicing: 1327470, 1327471, 1327480, 1327591, 1327620, 1327621, 1327A470, 1327A620, 1403010, S11524-20X, S11524-23, S11524-23X

ID 22.35, OD 44.60, Thickness 2.65, Material Fiber

Pkg. 10



139720 Cover

Replacing: 6265-703

Servicing: 1320015, 1320023, 1320027, 1320029, 1320510, 1320513, 1320515, 1320F022, 1320F027, 1320F513, 1320F515, 1320G027

ID 21.10, OD 28.55, Height 28.45

Pkg. 10



139722 Thrust Washer

Replacing: 6265-705, 5936-264

Servicing: 1320015, 1320023, 1320027, 1320029, 1320035, 1320036, 1320183, 1320510, 1320513, 1320515, 1320D183, 1320F022, 1320F027

ID 20.60, OD 24.85, Thickness 0.70, Material Steel



139723 Nut

Replacing: 5330-525

Servicing: 1320183, 1320D183, 1320F183, 1320G183, 1320G830, 1320H830, 1327471, 1327480, 1327591, 1327620, 1327621, 1327A470

Thread M12, OD 22.00, Lock nut No

Pkg. 10


139724# Protection Cap

Replacing: 6265-704

Servicing: 1320015, 1320023, 1320027, 1320029, 1320510, 1320513, 1320515, 1320F022, 1320F027, 1320F513, 1320F515, 1320G027

ID 20.80, OD 26.30, Height 12.50

Pkg. 4


139725 Screw

Replacing: 5333-190

Servicing: 1320015, 1320023, 1320027, 1320029, 1320035, 1320036, 1320183, 1320510, 1320513, 1320515, 1320D183, 1320F022, 1320F027

Thread M10,

Total length 17.25, Thread length 12.30


139727 Retaining Pad

Replacing: 6211-369

Servicing: 1320015, 1320023, 1320027, 1320029, 1320035, 1320036, 1320183, 1320510, 1320513, 1320515, 1320D183, 1320F022, 1320F027

Pkg. 10


139728 Spring

Replacing: 6211-385

Servicing: 1320183, 1320D183, 1320F183, 1320G183, 1320G830, 1320H830, 1327470, 1403010, CA45012-Y95M, CA45D12-1, CA45D12-14

OD 1.50, Length 73.00

Pkg. 2


139729 Screw

Replacing: 5335-774

Servicing: 1320015, 1320023, 1320027, 1320029, 1320035, 1320036, 1320183, 1320510, 1320513, 1320515, 1320D183, 1320F022, 1320F027

Thread M5, Total length 15.55,

Thread length 11.85


139730 Screw

Replacing: ns85-8z1

Servicing: 1320015, 1320023, 1320027, 1320029, 1320035, 1320036, 1320510, 1320513, 1320515, 1320F022, 1320F027, 1320F035, 1320F036

Thread 1/4 " BSF, Total length 18.75,

Thread length 15.60

Pkg. 10


230099 Spring

Replacing: 5933-509

Servicing: 1320015, 1320023, 1320027, 1320029, 1320035, 1320036, 1320183, 1320510, 1320513, 1320515, 1320D183, 1320F022, 1320F027

OD 7.00, Length 43.00

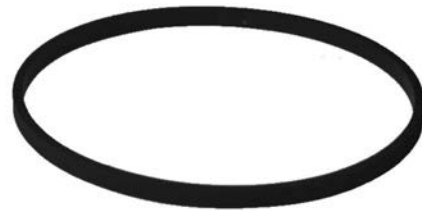
Pkg. 10


230100 Oil Wick

Replacing: 5586-529

Servicing: 1320015, 1320023, 1320027, 1320029, 1320035, 1320036, 1320510, 1320513, 1320515, 1320F022, 1320F027, 1320F035, 1320F036

Pkg. 5


230346 Gasket

Replacing: 6211-660

Servicing: 1327470, 1327471, 1327480, 1327591, 1327620, 1327621, 1327A470, 1327A620, 1403010, S11524-20X, S11524-23, S11524-23X

ID 101.80, OD 105.50, Thickness 4.95


230348 Outer Sleeve

Replacing: 6211-858a

Servicing: 1403010, S114HD24-2, s115hd24-2, ZGS002, ZGS003

ID 18.00, OD 25.75, Height 31.00

Pkg. 10


230366# Pin

Replacing: 6211-662

Servicing: 1327470, 1327471, 1327480, 1327591, 1327620, 1327621, 1327A470, 1327A620, S11524-20X, S11524-23, S11524-23X, S11524-7

OD 3.50, Length 14.00

Pkg. 10


230368 Steel Ball

Replacing: nc7-17

Servicing: 1320015, 1320023, 1320027, 1320029, 1320035, 1320036, 1320183, 1320510, 1320513, 1320515, 1320D183, 1320F022, 1320F027

OD 4.80 (3/16"), Material Steel

Pkg. 10



230369 Steel Ball

Replacing: nc7-7

Servicing: 1320015, 1320023, 1320027, 1320029, 1320035, 1320036, 1320183, 1320510, 1320513, 1320515, 1320D183, 1320F022, 1320F027

OD 7.90 (5/16"), Material Steel

Pkg. 10



230434 Terminal Bolt

Replacing: 6211-819a

Servicing: 1403010, S114HD24-2, s115hd24-2, ZGS002, ZGS003

Total length 27.45, Thread length 11.45,

Thread size M6

Terminal 50.



230435# Terminal

Replacing: 6510-2

Servicing: 1403010, S114HD24-2, s115hd24-2, ZGS002, ZGS003

Total length 58.60, Thread length 34.95,

Thread size M12



230437 Resistor

Replacing: 6510-79, 6211-841, 6211-447, 6211-134, 6010-246

Servicing: 1321021, 1321041, 1321182, 1321471, 1321531, 1321700, 1321F022, 1321F042, 1321F183, 1321F472, 1321F532, 1321F652

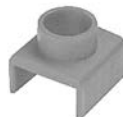
ID/ mount. hole 6.40, Width 23.55 mm 24 V.



230438# Insulator

Replacing: 5587-192

Servicing: 1403010, S114HD24-2, s115hd24-2, ZGS002, ZGS003



230439 Insulator

Replacing: 5587-193

Servicing: 1327480, 1327591, 1327620, 1327621, 1327A470, 1403010, S114HD24-2, S11524-20X, S11524-23, S11524-23X, S11524-8

Pkg. 10



230441 Washer

Replacing: 6510-84

Servicing: 1327470, 1327480, 1327591, 1327620, 1327621, 1327A470, 1403010, S11524-20X, S11524-23, S11524-23X, s11524-7, S11524-8

OD 18.00, Thickness 1.60

Pkg. 5



230442# Insulator

Replacing: 5936-374

Servicing: 1327470, 1327471, 1327480, 1327591, 1327620, 1327621, 1327A470, 1327A620, 1403010, CA45F24-18, CA45F24-2, CA45F24-4

ID 3.95, OD 12.50, Thickness 1.70

Pkg. 10



230443# Rivet

Replacing: 5336-372

Servicing: 1327470, 1327471, 1327A620, S11524-7, S11524-7X, S115A24-11M, S115A24-15M, S115A24-22, S115A24-23, S115A24-3M

OD 3.90, OD/ collar 7.95, Length 13.65, Height/ collar 0.90, Collar w/

Pkg. 10



230445 Insulator

Replacing: 5587-183

Servicing: 1327471, 1327480, 1327591, 1327620, 1327621, 1327A470, 1327A620, 1403010, S11524-20X, S11524-23, S11524-23X, S11524-7X



230446 Insulator

Replacing: 6211-821

Servicing: 1327471, 1327480, 1327591, 1327620, 1327621, 1327A470, 1327A620, 1403010, S11524-20X, S11524-23, S11524-23X, S11524-7X

ID 6.30, OD 14.95, Height 8.00

Pkg. 5



232851 Insulator

Servicing: 1327480, 1327591, 1327620, 1327621, 1327a470, 1403010, S11524-20X, S11524-23, S11524-23X, S11524-8, S115A24-7

ID 10.30, OD 12.60, Height 3.50

Pkg. 10


232977 Insulator

Servicing: 1327480, 1327591, 1327620,
 1327621, 1327A470, 1403010, S11524-
 20X, S11524-23, S11524-23X, S11524-8,
 S115A24-7

Pkg. 10


234426 Spacer

Replacing: 5933-287a, 5933-287
Servicing: 1320035, 1320036, 1320F035,
 1320F036, 1320G036, CA45012-Y95M,
 CA4512-3, CA45D12-1, CA45D12-14,
 CA45D12-15, CA45D12-16
ID 6.50, OD 11.20, Thickness 6.50

Pkg. 10


234427 Rivet

Replacing: 5336-287a, 5336-257a, 5336-257
Servicing: 1320035, 1320036, 1320F035,
 1320F036, 1320G036, CA45012-Y95M,
 CA4512-3, CA45D12-1, CA45D12-14,
 CA45D12-15, CA45D12-16
**OD 3.80, OD/ collar 7.85, Length 16.60,
 Height/ collar 1.35, Collar w/**

Pkg. 10


234428 Insulator

Replacing: 5587-117a, 5587-117
Servicing: 1320035, 1320036, 1320F035,
 1320F036, 1320G036, CA45012-Y95M,
 CA4512-3, CA45D12-1, CA45D12-14,
 CA45D12-15, CA45D12-16
ID 4.20, OD 9.70, Height 5.20

Armatures
12 Volt

130552 Armature

Replacing: 2525283

Servicing: 35MT, 2098879

Shaft length 394.00,

Core thickness 85.00, No./ splines 3,

Rotation CR

Short shaft.

Field Houses
Field House Parts
Pole Shoes

Pkg. 10


235422# Pole Shoe

Replacing: 3226629, 3180465

Length 46.00, Thread size M10x1.50,

Height 14.50, Width 24.50

Solenoids
12 Volt

130493 Solenoid

Replacing: 3225629, 2098360

12 V, Intermittent load 150 Amp.,

B+ 5/16" UNF, KI. 50 10-32 UNF,

OD 42.30, Total length 62.30,

Height/ B+ 15.00, Width/ kl. 50 10.50,

Coil bolt 5/16" UNF, Coil bolt 2 15.00,

No./ terminals 4


130499 Solenoid

Replacing: 3205022, 3204049, 3202630

Servicing: 10MT, 20MT, 25MT, 27MT

12 V, B+ 3/8" UNC, KI. 15a 8-32 UNC,

KI. 50 8-32 UNC, ID/ cover 31.35,

OD 59.80, OD/ cover 65.10,

Total length 122.15, Coil bolt 3/8" UNC,

No./ terminals 4

Cap: HC-CARGO 130497.


131392# Solenoid

Replacing: 2275554, 2275553, 2075553

Servicing: 2095150, 2098500

12 V, ID/ cover 27.75, OD 55.20,

Total length 58.70

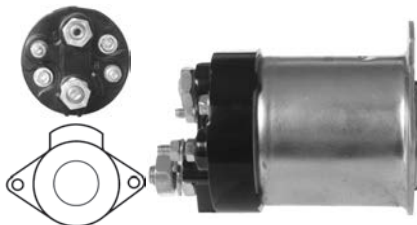

131393# Solenoid

Replacing: 3932813, 3837337, 3755267

Servicing: 2875560, 4091950

12 V, ID/ cover 27.95, OD 56.00,

Total length 57.80


131590 Solenoid

Replacing: 8133925

Servicing: 5MT, 22MT

12 V, B+ 3/8" UNC, KI. 15a 10-32 UNF,

KI. 50 10-32 UNF, ID/ cover 28.50,

OD 59.90, OD/ cover 65.55,

Total length 105.25, Height/ B+ 14.50,

Width/ kl. 15a 10.00, Width/ kl. 50 10.00,

Coil bolt 3/8" UNC, No./ terminals 4

Insulated return. Cap: HC-CARGO 137809.


133428 Solenoid

Replacing: 5206626, 5006626

12 V, B+ M8, KI. 50 M4, OD 50.10,

OD/ cover 49.80, Total length 142.75,

Height/ B+ 16.95, Width/ kl. 50 13.00,

Coil bolt M8, Coil bolt 2 12.55,

No./ terminals 3

Cap: HC-CARGO 133777.


139212 Solenoid

Replacing: 5213077, 5206607

12 V, B+ M8, KI. 50 M5, ID/ cover 27.00,

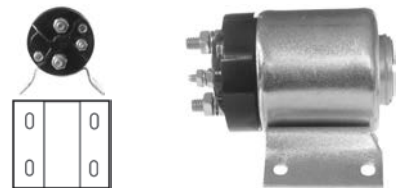
OD 56.25, OD/ cover 49.55,

Total length 141.30, Height/ B+ 20.75,

Width/ kl. 50 8.45, Coil bolt M8,

Coil bolt 2 11.95, No./ terminals 3

Cap: HC-CARGO 138926.


232905 Solenoid

Replacing: 1889799, 1692659

12 V, B+ M8, KI. 50 M4, ID/ cover 31.95,

OD 66.40, OD/ cover 65.90,

Total length 110.65, Height/ B+ 21.00,

Width/ kl. 50 12.80, Coil bolt M8,

Coil bolt 2 19.75, No./ terminals 3

Insulated return.

Drives

130536 Drive

Replacing: ch1927, ch1925, ch1922, ch1920,

480428, 4094174, 3755085, 2444658,

2444651, 2095397, 2095122

Servicing: 2095397, 2444658

ID 12.00, OD 33.10, OD/ housing 46.10,

Total length 75.20, Splines A 6,

No./ teeth 10, Rotation CR



130538 Drive
 Replacing: 2525287
 Servicing: 30MT
 ID 14.30, OD 39.85,
 OD/ housing 60.00, Total length 96.15,
 Splines A 3, No./ teeth 10, Rotation CR



131220 Drive
 Replacing: 4091920
 ID 12.00, OD 33.00,
 OD/ housing 46.70, Total length 76.10,
 Splines A 6, No./ teeth 10, Rotation CR



136888 Drive
 Replacing: 5234382
 ID 11.00, OD 25.35,
 OD/ housing 46.25, Total length 58.50,
 Splines A 10, No./ teeth 9, Rotation CR

Planet Gears



237015 Planet Gear
 Servicing: 56041013
 Total length 105.00, Splines 8,
 No./ teeth 10
 Drive only: HC-CARGO 137643.

Brush Gears



131413 Brush Gear
 Replacing: 2095219
 Servicing: 4091950
 OD 89.50

Brush Gear Parts

Brush Springs



132741 Brush Spring
 Replacing: 2084666
 Servicing: 4½" DD, 2095150, 2098500
 OD 15.65, Length 30.80

Brush Sets

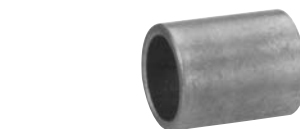


CHX101P Brush Set
 Replacing: chx101p, 2275550, 2275249,
 2095145, 2095137
 Servicing: 2089500, 2095150, 2098100,
 2875560, 3656575, 3755900, 4091975
 Length 13.00, Lead length 125.00,
 Lead length 2 34.00, Height 17.60,
 Thickness 8.80

Bushings



140186 Bushing
 Replacing: 2098986, 2095410
 ID 11.99, OD 15.11, Length 18.67



140187 Bushing
 Replacing: ch1414, 3874817, 3656382,
 3556382
 ID 11.97, OD 15.24, Length 19.05



140194 Bushing
 Replacing: ch1411, 2098987
 ID 17.53, OD 20.65, Length 17.81

Sundry Parts

Various



233667 Nut
 Servicing: 2875560, 3656575, 3755900,
 4091975
 Thread 10-24, OD 5.00/16", Lock nut Yes



233672# Washer
 Replacing: 3755661
 Servicing: 2095150, 2098500, 3656575,
 3755900
 ID 26.00, OD 38.00, Thickness 1.50,
 Material Fiber

Pkg. 5

Pkg. 5

Pkg. 10

Pkg. 10

Pkg. 10

Pkg. 5

Armatures
12 Volt

132796 Armature

Replacing: 028200-4540, 028200-2120, 028200-1531, 021200-2120

Servicing: 028000-4540, 028000-4550, 028000-5900, 028000-5910, 028000-5911, 028000-5912, 028000-6000, 028000-6001, 028000-6030

0.9/1/1.2 kW, Shaft length 135.00, Core thickness 47.00, No./ teeth 9, Rotation CR


132869 Armature

Replacing: 028200-6230, 028200-6220, 028200-1900, 028200-1780

Servicing: 028000-5000, 028000-5541, 028000-5542, 028000-5543, 028000-5560, 028000-5561, 028000-5581, 028000-5660, 028000-5661

2.5 kW, Shaft length 187.00, Core thickness 60.05, No./ teeth 9, Rotation CR/ACR w/ bearing.


133389 Armature

Replacing: 028200-1820

Servicing: 028000-5330, 028000-5331, 028000-5332, 028000-5333, 028000-5334, 028000-5335, 028000-6050, 028000-6380, 028000-6381

0.8 kW, Shaft length 226.10, Core thickness 59.90, No./ splines 10, Rotation CR


133706# Armature

Replacing: 028200-5400

Servicing: 128000-2750, 128000-3400, 128000-3780

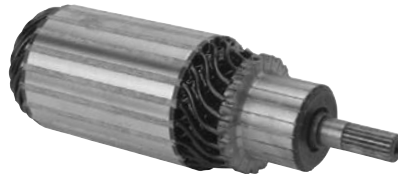
0.5 kW, Shaft length 119.70, Core thickness 34.00, No./ splines 19


133713 Armature

Replacing: 028200-5920, 028200-5901, 028200-5510, 028200-2470

Servicing: 028000-8411, 028000-9133, 028000-9872, 028000-9880, 028000-9882, 028000-9883, 128000-0080, 128000-1431, 128000-2950

0.6 kW, Shaft length 189.00, Core thickness 47.95, No./ splines 6, Rotation ACR


134368 Armature

Replacing: 028200-1511, 028200-1313

Servicing: 028000-3641, 028000-3642, 028000-4340, 028000-4341, 028000-4343, 028000-4450, 028000-4512, 028000-4990, 028000-5060

1.4 kW, Shaft length 160.00, Core thickness 48.55, No./ splines 19, Rotation CR/ACR


134369 Armature

Replacing: 028200-7430, 028200-2140

Servicing: 028000-7000, 028000-7001, 028000-7002, 028000-7003, 028000-7004, 028000-7370, 028000-7372, 028000-7373, 028000-7660

2 kW, Shaft length 166.00, Core thickness 50.45, No./ splines 19, Rotation CR/ACR


134370 Armature

Replacing: 028200-5370, 028200-2320

Servicing: 028000-5730, 028000-5800, 028000-7700, 028000-8390, 028000-8620, 028000-8980, 028000-9270, 028000-9320, 028000-9321

1.4/1.6 kW, Shaft length 147.90, Core thickness 50.20, No./ splines 19, Rotation CR/ACR


134946 Armature

Replacing: 028200-1070, 028200-0820

Servicing: 028000-3500, 028000-3501, 028000-4030, 028000-4031, 028000-4032, 028000-4042, 028000-4500, 028000-4520, 028000-4600

0.6 kW, Shaft length 222.80, Core thickness 60.00, No./ splines 10, Rotation CR


135626 Armature

Replacing: 028200-2690

Servicing: 028000-9900, 028000-9901, 028000-9902, 128000-0600, 128000-2860, 128000-2861, 128000-2862, 128000-4480, 228000-2560

0.8/0.9 kW, Shaft length 204.00, Core thickness 60.00, No./ splines 10, Rotation CR


135824 Armature

Replacing: 028200-2010

Servicing: 028000-3730, 028000-6520, 028000-7280, 028000-7290, 028000-7440, 028000-7490, 028000-7500, 028000-7630, 028000-7720

0.8/0.9 kW, Shaft length 226.00, Core thickness 59.90, No./ splines 10, Rotation ACR


135853 Armature

Replacing: 028200-6240, 028200-2290, 028200-1261, 028200-1260

Servicing: 028000-3290, 028000-3291, 028000-3292, 028000-3650, 028000-3970, 028000-3971, 028000-4930, 028000-5040, 028000-5960
4 kW, Shaft length 396.00, Core thickness 84.00, No./ splines 4


136862 Armature

Replacing: 028200-5340, 028200-5210

Servicing: 128000-2621, 128000-2800, 128000-2980, 128000-3250, 128000-3251, 128000-3651, 128000-3662, 128000-4030, 128000-4031
0.6 kW, Shaft length 197.00, Core thickness 50.40, No./ splines 10, Rotation ACR


136884 Armature

Replacing: 028200-5871

Servicing: 128000-2680, 128000-2682, 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6340, 128000-6341
0.8 kW, Shaft length 100.90, Core thickness 44.92, No./ teeth 11


136896 Armature

Replacing: 028200-6250

Servicing: 128000-7002, 128000-7140, 128000-7390, 128000-7500, 128000-8030, 128000-8210, 128000-8320, 128000-8321, 128000-8322
1.4 kW, Shaft length 128.65, Core thickness 49.25, No./ teeth 9


137953 Armature

Replacing: 028200-6260

Servicing: 128000-7010, 128000-7122, 128000-7560, 128000-7561, 128000-7562, 128000-7712, 128000-7713, 128000-7714, 128000-8220
1.2 kW, Shaft length 118.10, Core thickness 49.50, No./ teeth 9, Rotation CR/ACR


137978 Armature

Replacing: 028200-7440, 028200-6850, 028200-5040, 028200-1890

Servicing: 128000-0830, 128000-0831, 128000-0832, 128000-0833, 128000-5350, 128000-5760, 128000-9560, 228000-0200, 228000-0390
2.2 kW, Shaft length 167.45, Rotation CR, Core thickness 54.20, No./ teeth 19


138383 Armature

Replacing: 028200-0910

Servicing: 028000-0197, 028000-1010, 028000-1011, 028000-1970, 028000-1971, 028000-1972, 028000-1973, 028000-1975, 028000-1976
0.6 kW, Shaft length 245.00, Core thickness 60.00, No./ splines 10


138757 Armature

Replacing: 028200-1151, 028200-1150

Servicing: 028000-4790, 028000-4840, 028000-5350, 028000-5720, 028000-6070, 028000-6330, 028000-6510, 028000-6511, 028000-7270
0.8 kW, Shaft length 226.00, Core thickness 60.00, No./ splines 10, Rotation ACR


139148 Armature

Replacing: 028200-6860

Servicing: 228000-2120, 228000-2121, 228000-2122, 228000-2123, 228000-2124, 228000-2680, 228000-2682, 228000-2690, 228000-2700
2 kW, Shaft length 159.60, Core thickness 50.60, No./ teeth 21


139701 Armature

Replacing: 028200-2800

Servicing: 128000-0490, 128000-0491, 128000-2470, 128000-3361, 128000-4220, 128000-4910, 128000-5370, 128000-5510, 128000-5610
3 kW, Shaft length 210.50, Core thickness 64.80, No./ splines 18, Rotation CR


231894# Armature

Replacing: 028200-6870

Servicing: 228000-2990, 228000-3260, 228000-4090, 228000-4092, 228000-4093, 228000-5860, 228000-5861, 228000-5862
2 kW, Shaft length 160.80, Core thickness 50.47, No./ splines 9, No./ teeth 9


233812 Armature

Replacing: 028200-6880

Servicing: 228000-4960, 228000-4961, 228000-5382
1.8 kW, Shaft length 149.60, Core thickness 50.50, No./ teeth 21, Rotation CR/ACR



233960 Armature
 Replacing: 028200-8330
 Servicing: 39MT, 428000-0120, 428000-1210, 428000-1211, 428000-1220, 428000-1221
 6.2 kW, Shaft length 197.20,
 Core thickness 76.20, No./ teeth 20
 Gear reduction.



234608# Armature
 Servicing: 128000-3090, 128000-3091, 128000-4230, 128000-4540, 128000-8690, 128000-8960, 228000-4640, 228000-4641, 428000-1570
 0.6 kW, Shaft length 172.90,
 Core thickness 50.35, No./ splines 10,
 Rotation CR



235827 Armature
 Replacing: 028200-5050
 Servicing: 128000-0980, 128000-0981, 128000-5410, 128000-5411
 1.4 kW, Shaft length 135.40,
 Core thickness 47.00, No./ teeth 9



236958 Armature
 Replacing: 028200-5991
 Servicing: 128000-6210, 128000-6211, 128000-6212, 128000-7400, 128000-8870, 128000-8871, 128000-8880, 128000-8881, 128000-8970
 1.2 kW, Shaft length 110.95,
 Core thickness 44.75, No./ splines 11,
 Rotation ACR



237378 Armature
 Servicing: 428000-0670, 428000-0680, 428000-1750, 428000-7710
 1.4 kW, Shaft length 101.00,
 Core thickness 50.55, No./ teeth 9



237879 Armature
 Servicing: 428000-0660, 428000-0720, 428000-1620
 1.9 kW, Shaft length 136.80,
 Core thickness 48.50, No./ splines 11,
 Rotation CR



238843 Armature
 1 kW, Shaft length 202.00,
 Core thickness 51.58, No./ splines 12,
 No./ teeth 10



239078 Armature
 Servicing: 428000-1640, 428000-3370, 428000-3372
 1.1 kW, Shaft length 101.33,
 Core thickness 50.60, No./ splines 22,
 No./ teeth 9, Rotation CR

24 Volt



132553 Armature
 Replacing: 27160-77090, 028200-2230, 028200-1590
 Servicing: 028000-4800, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5530, 028000-5531, 028000-5532, 028000-5550
 4.5 kW, Shaft length 187.00,
 Core thickness 59.95, No./ splines 9,
 No./ teeth 9, Rotation CR/ACR



138675 Armature
 Replacing: 028200-5250
 Servicing: 128000-2450, 128000-2560, 128000-2740, 128000-4250, 128000-4682, 128000-4683, 128000-4684, 128000-4685, 128000-4687
 5.5 kW, Shaft length 210.50,
 Core thickness 65.00, No./ teeth 18,
 Rotation CR

Yokes w/magnets

12 Volt



139436 Yoke
 Replacing: 028100-4230, 028100-4190, 028100-4090
 Servicing: 028000-8411, 028000-8422, 028000-9133, 028000-9620, 028000-9622, 028000-9623, 028000-9872, 028000-9880, 028000-9882
 12 V, 0.6 kW, OD/ middle 68.00,
 Length 88.00, Brush gear w/o,
 Magnets w/

Field Cases

135102 Field Case

Replacing: 028100-4330, 028100-3990, 028100-3760, 028100-3641, 028100-3492, 028100-3491, 028100-3490

Servicing: 028000-4340, 028000-4341, 028000-4343, 028000-7000, 028000-7001, 028000-7002, 028000-7003, 028000-7004, 028000-7370

12 V, OD/ middle 76.00, Length 113.15, Brush gear w/o, Magnets w/o
Field coil only: HC-CARGO 235245.


135790 Field Case

Replacing: 028100-5540, 028100-5110, 028100-4430, 028100-4360, 028100-3770

Servicing: 028000-5730, 028000-7700, 028000-8390, 028000-8620, 028000-8980, 028000-9270, 028000-9320, 028000-9321, 028000-9380

12 V, 1.4 kW, OD/ middle 76.00, Length 77.15, Brush gear w/o, Magnets w/o


135802 Field Case

Replacing: 028100-5900, 028100-5580, 028100-5140

Servicing: 128000-2520, 128000-2621, 128000-2631, 128000-2820, 128000-2980, 128000-3090, 128000-3091, 128000-3250, 128000-3251

12 V, 0.6/0.7 kW, OD/ middle 76.00, Length 77.00, Brush gear w/o, Magnets w/o


136885 Field Case

Replacing: 028100-7680, 028100-6010

Servicing: 128000-2680, 128000-2682, 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6340, 128000-6341

12 V, 0.8 kW, OD/ middle 68.00, Length 52.40, Brush gear w/o, Magnets w/o


136897 Field Case

Replacing: 028100-7110, 028100-6710, 028100-6350

Servicing: 128000-7002, 128000-7140, 128000-7390, 128000-7500, 128000-8030, 128000-8320, 128000-8321, 128000-8322, 128000-8323

12 V, 1.4 kW, OD/ middle 75.80, Length 62.60, Brush gear w/o, Magnets w/o


137350 Field Case

Replacing: 028100-5170, 028100-3751, 028100-3750, 028100-2751

Servicing: 028000-4540, 028000-4550, 028000-5900, 028000-5910, 028000-5911, 028000-5912, 028000-6000, 028000-6001, 028000-6030

12 V, 0.9/1 kW, OD/ middle 68.00, Length 53.00, Brush gear w/o
Brush set: HC-CARGO 140396.


137954 Field Case

Replacing: 028100-7230, 028100-6280, 028100-6200

Servicing: 128000-7010, 128000-7122, 128000-7560, 128000-7561, 128000-7562, 128000-7712, 128000-7713, 128000-7714, 128000-8220

12 V, 1 kW, OD/ middle 76.00, Length 55.00, Brush gear w/o, Magnets w/o


137977 Field Case

Replacing: 028100-6130

Servicing: 128000-5350, 128000-5760, 128000-9560, 228000-0200, 228000-0460, 228000-0880, 228000-1690, 228000-1780, 228000-1850

12 V, 2.2 kW, OD/ middle 83.00, Length 117.00, Brush gear w/o, Magnets w/o


138355 Field Case

Replacing: 028100-8190, 028100-4390, 028100-4040, 028100-3100

Servicing: 028000-5334, 028000-5335, 028000-6380, 028000-6381, 028000-6382, 028000-6383, 028000-6384, 028000-6385, 028000-6520

12 V, 0.8 kW, OD/ middle 91.00, Length 72.00, Brush gear w/o, Magnets w/o



139149 Field Case

Replacing: 028100-6970

Servicing: 228000-2120, 228000-2121, 228000-2122, 228000-2123, 228000-2124, 228000-2680, 228000-2682, 228000-2690, 228000-2980

12 V, 2 kW, OD/ middle 78.00, Length 67.50, Brush gear w/o, Magnets w/o



139489 Field Case

Servicing: 128000-1180, 128000-1181

12 V, 1.7 kW, OD/ middle 76.00, Length 112.70, Brush gear w/o, Magnets w/o



230057 Field Case

Replacing: 028100-7750, 028100-6630, 028100-6150

Servicing: 128000-6210, 128000-6211, 128000-6212, 128000-7400, 128000-8870, 128000-8871, 128000-8880, 128000-8881, 128000-8970

12 V, 1 kW, OD/ middle 68.00, Length 62.60, Brush gear w/o, Magnets w/o



230894# Field Case

Replacing: 028100-3541

Servicing: 028000-7110, 028000-7111, 028000-7580, 028000-7581, 028000-7720, 028000-8590, 028000-9361, 128000-0350, 128000-0351

12 V, 0.8/0.9 kW, OD/ middle 91.00, Length 71.65, Brush gear w/o, Magnets w/o



231732 Field Case

Replacing: 028100-6920

Servicing: 228000-1250, 228000-1252, 228000-1260, 228000-3120, 228000-3121, 228000-3430, 228000-4121, 228000-4130, 228000-4131

12 V, 0.8 kW, OD/ middle 76.00, Length 77.15, Brush gear w/o, Magnets w/o



234420# Field Case

Servicing: 228000-4960, 228000-4961, 228000-7710

12 V, 1.8 kW, OD/ middle 78.15, Length 69.80, Brush gear w/o, Magnets w/o



235097 Field Case

Replacing: 028100-7420

Servicing: 228000-1770, 228000-1771, 228000-1772, 228000-4930, 228000-5220, 228000-5340, 228000-5341, 228000-5342, 428000-0290

12 V, 2.7 kW, OD/ middle 90.38, Length 89.57, Brush gear w/o, Magnets w/o

Field Coils

12 Volt



135749 Field Coil

Replacing: 028100-2641, 028100-2540, 028100-2450

Servicing: 028000-3641, 028000-3642, 028000-4343, 028000-4450, 028000-4512, 028000-4990, 028000-5060, 028000-5190, 028000-5390

12 V, 1.4 kW, Height 98.00, Internal height 65.55, Inner width 18.00



135751 Field Coil

Replacing: 028110-1910, 028100-3810, 028100-3002, 028100-3001

Servicing: 028000-5000, 028000-5490, 028000-5541, 028000-5542, 028000-5543, 028000-5560, 028000-5561, 028000-5581, 028000-5660

12 V, 2.5/2.7 kW, Height 94.40, Internal height 58.00, Inner width 22.50



138382 Field Coil

Replacing: 028110-2010, 028110-1320, 028110-1211

Servicing: 028000-0197, 028000-1010, 028000-1011, 028000-1850, 028000-1970, 028000-1971, 028000-1972, 028000-1973, 028000-1975

12 V, 0.8 kW, Height 95.15, Internal height 60.80, Inner width 22.25



138384# Field Coil

Replacing: 028110-0741, 028110-0740

Servicing: 028000-3730, 028000-4790, 028000-5720, 028000-6070, 028000-6330, 028000-6510, 028000-6511, 028000-7311, 028000-8020

12 V, 0.6 kW, Height 76.00, Internal height 42.20, Inner width 23.80



232907# Field Coil

Replacing: 028100-4410

Servicing: 128000-0490, 128000-2470, 128000-3361, 128000-4220, 128000-4910, 128000-5370, 128000-5510, 128000-5620, 128000-5720

12 V, 3 kW, Height 108.15, Width 222.00, Internal height 71.25, Inner width 22.80

24 Volt

135750 Field Coil

Replacing: 028100-6320, 028100-5391, 028100-5390, 028100-3801, 028100-3800, 028100-2882, 028100-2881

Servicing: 028000-4800, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5530, 028000-5531, 028000-5532, 028000-5550

24 V, 4.5 kW, Height 94.00, Internal height 61.25, Inner width 22.75


135752# Field Coil

Replacing: 028100-3311, 028100-3310

Servicing: 028000-6200, 028000-6201, 128000-7600, 128000-7601, 128000-7602, 128000-7603, 128000-7604, 128000-8061, 128000-8062

24 V, 4.5 kW, Height 99.55, Internal height 60.55, Inner width 23.00


232908 Field Coil

Replacing: 028110-5081, 028100-5410

Servicing: 128000-2450, 128000-2560, 128000-2740, 128000-4250, 128000-5730, 128000-5731, 128000-5732, 228000-2200, 228000-2470

24 V, 5.5 kW, Height 110.60, Width 225.75, Internal height 69.85, Inner width 22.90

C.E. Brackets

134507 C.E. Bracket

Replacing: 028501-7040, 028501-1410

Servicing: 028000-9510, 128000-2210, 128000-3500


136183 C.E. Bracket

Replacing: 028501-6890, 028501-0970

Servicing: 028000-5300, 028000-5530, 028000-5581, 028000-5620, 028000-5860, 028000-5861, 028000-5862, 028000-5863, 028000-5864


137855# C.E. Bracket

Replacing: 028501-6210

Servicing: 128000-2830, 128000-2851, 128000-3190, 128000-8200, 228000-2851, 228000-2853

ID 71.50


138156# C.E. Bracket

Replacing: 028501-1240

Servicing: 028000-7700, 028000-9320, 028000-9321, 128000-0130, 128000-0300, 128000-2190, 128000-3190, 128000-5110


230852 C.E. Bracket

Replacing: 028500-6410, 028500-5730, 028500-5430, 028500-5320

Servicing: 128000-3250, 128000-3251, 128000-3260, 128000-3261, 128000-4050, 128000-4060, 128000-4800, 128000-5480, 128000-6111

ID 64.30


231311 C.E. Bracket

Replacing: 028504-0550

Servicing: 028000-5900, 028000-5910, 028000-5911, 028000-5912, 028000-6300, 028000-7560, 028000-8440, 028000-9260, 028000-9261

ID 64.50


231387 C.E. Bracket

Replacing: 028501-6510

Servicing: 128000-7010, 128000-7560, 128000-7561, 128000-7562, 128000-8350, 128000-8360, 128000-9730, 128000-9740, 228000-0440

ID 72.00


231483 C.E. Bracket

Replacing: 028501-6600

Servicing: 128000-7140, 128000-7141, 128000-8110, 128000-8111, 128000-8210, 128000-9870, 128000-9871, 128000-9872, 228000-1021



231529 C.E. Bracket

Replacing: 028501-7200, 028501-6490, 028401-6490

Servicing: 128000-8320, 128000-8321, 128000-8322, 128000-8323, 128000-9870, 228000-0990, 228000-0991, 228000-1000, 228000-1020

ID 72.00, Double isolation w/o



231600 C.E. Bracket

Replacing: 028501-7650

Servicing: 228000-2120, 228000-2121, 228000-2122, 228000-2123, 228000-2124, 228000-2680, 228000-2682, 228000-2690, 228000-2700

ID 74.00



231601 C.E. Bracket

Replacing: 028504-1140

Servicing: 028000-6960, 028000-6961, 028000-6962, 028000-7600, 028000-7620, 028000-7621, 028000-8050, 028000-8430, 028000-8580

ID 65.00



231638 C.E. Bracket

Replacing: 028501-7850, 028501-1460, 028501-1380

Servicing: 028000-9270, 028000-9380, 128000-0620, 128000-0621, 128000-0622, 128000-1170, 128000-1250, 128000-1251, 128000-1630

ID 71.90



233547 C.E. Bracket

Replacing: 028501-7130

Servicing: 128000-7140, 128000-9860, 128000-9880, 228000-1160, 228000-1900, 228000-3620, 228000-3621, 228000-3622, 228000-3630

ID 72.00



233551 C.E. Bracket

Replacing: 028500-7340, 028500-7250, 028500-5700, 028500-5660

Servicing: 128000-2680, 128000-2682, 128000-5680, 128000-5681, 128000-5682, 128000-6210, 128000-6211, 128000-6212, 128000-6420

ID 64.00



235032 C.E. Bracket

Servicing: 228000-7220

ID 73.60



235202 C.E. Bracket

Servicing: 228000-9540



235287 C.E. Bracket

Replacing: 028504-0570

Servicing: 028000-6000, 028000-6001, 028000-6962, 028000-7320, 028000-7321, 028000-7390, 028000-7392, 028000-7620, 028000-8290

ID 64.94, Double isolation w/o

D.E. Brackets



134503 D.E. Bracket

Replacing: 128400-0280

Servicing: 128000-0280, 128000-0281, 128000-0810, 128000-0910, 128000-2140, 128000-5080, 228000-0210, 228000-0211



134510 D.E. Bracket

Replacing: 128400-1700

Servicing: 128000-1900, 128000-2040, 128000-5630



136071# D.E. Bracket

Replacing: 028400-5830

Servicing: 028000-9260, 028000-9261, 128000-0500, 128000-3340, 228000-2880, 228000-3200, 228000-3290


136073 D.E. Bracket

 Replacing: 028400-6220
 Servicing: 028000-9720, 128000-2060

136182 D.E. Bracket

 Replacing: 128401-1790
 Servicing: 128000-1790, 128000-3080,
 128000-3081, 128000-3082

136243 D.E. Bracket

 Replacing: 028404-6201, 028401-6201
 Servicing: 028000-5581, 028000-6870,
 028000-6871, 028000-6872, 028000-6880,
 028000-6881, 028000-6882, 028000-6890,
 028000-6891

136572 D.E. Bracket

 Replacing: 128400-3470
 Servicing: 128000-3470, 128000-3471,
 128000-3472, 128000-5941, 128000-5942

136574# D.E. Bracket

Servicing: 128000-8200


136757 D.E. Bracket

 Replacing: 128400-3500
 Servicing: 128000-3500, 128000-7500

136934# D.E. Bracket

 Replacing: 128401-0220, 128400-0220
 Servicing: 128000-0220

136935 D.E. Bracket

 Replacing: 028401-6331
 Servicing: 028000-7000, 028000-7001, 028000-
 7002, 028000-7003, 028000-7004, 028000-7790,
 028000-7791, 028000-7792, 128000-0020

137079 D.E. Bracket

 Replacing: 31151-85290, 128400-3640,
 128400-1861
 Servicing: 028000-9090, 028000-9091, 128000-
 1861, 128000-1862, 128000-1863, 128000-3641

137377 D.E. Bracket

 Replacing: 028401-5811
 Servicing: 028000-6290, 028000-6291,
 028000-6292

137378# D.E. Bracket

 Replacing: 128401-0060
 Servicing: 128000-0040

137423# D.E. Bracket

 Replacing: 128400-1440
 Servicing: 128000-1440, 128000-1441,
 228000-4320

137434# D.E. Bracket

 Replacing: 128400-1070, 028400-4870
 Servicing: 028000-7580, 028000-7581,
 128000-1070, 128000-2170, 128000-2430,
 128000-2431, 128000-3231

137440# D.E. Bracket

 Replacing: 028400-4840
 Servicing: 028000-7600, 028000-8580,
 028000-8581, 128000-1220, 128000-4840

137448 D.E. Bracket

 Replacing: 128401-5350, 128400-5212,
 128400-5211
 Servicing: 128000-5210, 128000-5211, 128000-
 5350, 128000-9560, 228000-0460, 228000-0550,
 228000-0551, 228000-3640, 228000-3641



137645# D.E. Bracket

Replacing: 128400-9880
 Servicing: 128000-9860, 128000-9880, 228000-1900



137646# D.E. Bracket

Replacing: 128400-7190
 Servicing: 128000-7190, 128000-7191



138378# D.E. Bracket

Replacing: 028400-6120
 Servicing: 028000-9470, 128000-3621



139076# D.E. Bracket

Replacing: 128400-8892, 128400-8891, 128400-8890, 128400-8532, 128400-8531, 128400-8530
 Servicing: 128000-8530, 128000-8531, 128000-8890, 128000-8891, 228000-4020, 228000-4030, 228000-6730, 228000-6740, 228000-6750



139454# D.E. Bracket

Servicing: 128000-1180, 128000-1181



139769 D.E. Bracket

Replacing: 228400-1100
 Servicing: 228000-1100, 228000-1710



139782# D.E. Bracket

Replacing: 128400-9710
 Servicing: 128000-8400, 128000-9710, 128000-9720, 228000-0420, 228000-0820, 228000-0821, 228000-0822, 228000-0823, 228000-0830



230529# D.E. Bracket

Replacing: 128400-1621, 128400-1620
 Servicing: 128000-1620, 128000-1621, 228000-4310



230895 D.E. Bracket

Replacing: 028400-5041, 028400-5040
 Servicing: 028000-7460, 028000-7461, 028000-7462, 028000-7470, 028000-7471



230899# D.E. Bracket

Replacing: 128401-8620
 Servicing: 128000-8620, 128000-8621, 228000-1600, 228000-1601, 228000-1610, 228000-1611, 228000-2030, 228000-2031, 228000-5980



230909 D.E. Bracket

Replacing: 028400-5320
 Servicing: 028000-8320, 028000-8321, 128000-3590, 128000-5261, 128000-5410, 128000-9950, 228000-0790, 228000-0791, 228000-0800



233552# D.E. Bracket

Replacing: 128400-5682
 Servicing: 128000-2680, 128000-5680, 128000-5681, 128000-5682, 128000-6421, 128000-6422, 228000-0940, 228000-0941



234144# D.E. Bracket

Replacing: 228401-5020
 Servicing: 228000-5020, 228000-5021, 228000-5022, 228000-5023



234185 D.E. Bracket

Replacing: 028403-6310
 Servicing: 028000-9900, 028000-9901, 028000-9902, 128000-0600


234187# D.E. Bracket

Replacing: 128400-6780

Servicing: 128000-6780, 128000-7840


234705 D.E. Bracket

Replacing: 128400-0050

Servicing: 128000-0050


234881 D.E. Bracket

Replacing: 127400-9730

 Servicing: 128000-9730, 128000-9740,
228000-4390, 228000-4391, 228000-4392

 Bushing in D.E. bracket: HC-CARGO 140183,
140187, 140194.

234893 D.E. Bracket

 Servicing: 028000-9270, 128000-1250,
128000-1251

 Bushing in D.E. bracket: HC-CARGO 140183,
140187, 140194.

235033 D.E. Bracket

Servicing: 228000-7220


235096 D.E. Bracket

Replacing: 228400-4930

 Servicing: 228000-4930, 228000-5340,
228000-5341, 228000-5342, 428000-0290,
428000-3110

235186 D.E. Bracket

 Servicing: 128000-7600, 128000-7601,
128000-7602, 128000-7603, 128000-7604

235332 D.E. Bracket

Replacing: 228400-3980

Servicing: 228000-3980, 228000-3981

Solenoids

12 Volt


130814 Solenoid

 Replacing: 053400-3810, 053400-3720,
053400-3710, 053400-3410, 053400-3350,
053400-3330, 053400-2880

 Servicing: 028000-0430, 028000-1370,
028000-1850, 028000-1975, 028000-1976,
028000-2001, 028000-2150, 028000-2151,
028000-2240

 12 V, B+ M8, Kl. 50 6.30, OD 49.85,
OD/ cover 49.80, Total length 137.60,
Height/ B+ 18.35, Width/ kl. 50 10.65,
Coil bolt M8, Coil bolt 2 8.60,
No./ terminals 3
Cap: HC-CARGO 134627.

132641 Solenoid

 Replacing: 053400-6030, 053400-4530,
053400-3570, 053400-3492, 053400-3491,
053400-3490, 053400-2870

 Servicing: 028000-3290, 028000-3291,
028000-3292, 028000-3650, 028000-3930,
028000-3970, 028000-4930, 028000-5040,
028000-5920

 12 V, B+ M10, OD 62.85,
OD/ cover 61.60, Total length 201.55,
Height/ B+ 23.20, Coil bolt M10,
Coil bolt 2 22.20, No./ terminals 3
Cap: HC-CARGO 137869.

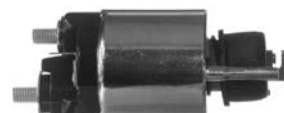
131084 Solenoid

 Replacing: 053400-3340, 053400-2557,
053400-2551, 053400-2160, 053400-1831,
053400-1830, 053400-1811

 Servicing: 028000-1850, 028000-1973,
028000-2000, 028000-2001, 028000-2240,
028000-2241, 028000-2660, 028000-2661,
028000-2662

 12 V, B+ M8, Kl. 50 6.30, OD 50.20,
OD/ cover 49.25, Total length 141.80,
Height/ B+ 23.75, Width/ kl. 50 12.55,
Coil bolt M8, Coil bolt 2 10.50,
No./ terminals 4

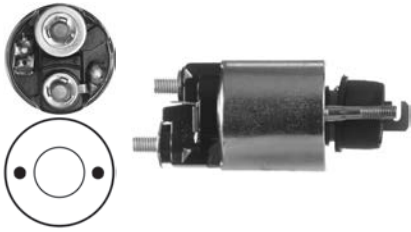
Cap: HC-CARGO 131374.


131807 Solenoid

 Replacing: 153400-0860, 053400-7650,
053400-7220, 053400-6550, 053400-6500,
053400-5560, 053400-5240

 Servicing: 028000-2450, 028000-5200,
028000-5201, 028000-5330, 028000-5331,
028000-5332, 028000-5333, 028000-5334,
028000-5335

 12 V, B+ M8, Kl. 50 6.30, OD 50.00,
OD/ cover 42.65, Total length 123.80,
Height/ B+ 12.00, Width/ kl. 50 14.25,
Coil bolt M8, Coil bolt 2 11.65, No./ terminals 3
Cap: HC-CARGO 133099. Contact Plate: HC-
CARGO 135016.

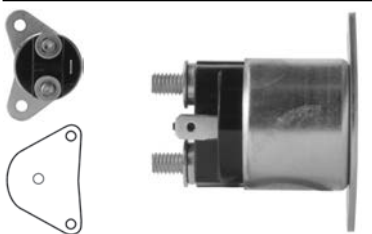


133675 Solenoid

Replacing: 053400-5292, 053400-5290, 053400-5282, 053400-5280

Servicing: 028000-8010, 028000-8160, 028000-8460, 028000-8690, 028000-8700, 028000-9100, 128000-0290, 128000-0370, 128000-0670

12 V, B+ M8, Kl. 50 6.30, OD 50.00, OD/ cover 47.65, Total length 124.00, Height/ B+ 12.10, Width/ kl. 50 14.25, Coil bolt M8, Coil bolt 2 11.75, No./ terminals 3

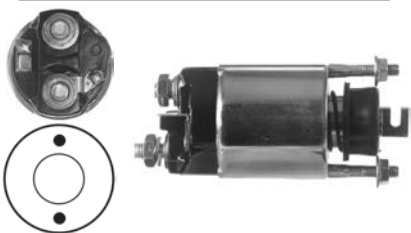
Cap: HC-CARGO 133099.


133711 Solenoid

Replacing: 182800-1570, 182800-1210, 182800-1050, 182800-1040, 182800-0930

Servicing: 028000-8411, 028000-8422, 028000-9133, 028000-9620, 028000-9622, 028000-9623, 028000-9821, 028000-9880, 028000-9882

12 V, B+ M6, Kl. 50 6.30, OD 33.80, OD/ cover 32.55, Total length 52.70, Height/ B+ 8.60, Width/ kl. 50 9.45, Coil bolt M6, Coil bolt 2 8.40, No./ terminals 3

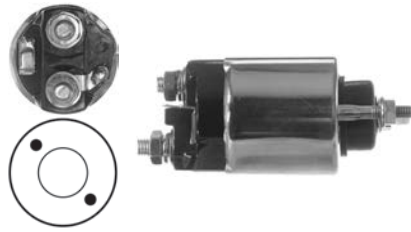

133723 Solenoid

Replacing: 053400-8740, 053400-5820, 053400-5150, 053400-5120

Servicing: 028000-7280, 028000-7440, 028000-7940, 128000-0090, 128000-0091, 128000-0350, 128000-0351, 128000-0461, 128000-0462

12 V, B+ M8, Kl. 50 6.30, OD 51.00, OD/ cover 50.15, Total length 118.25, Height/ B+ 11.60, Width/ kl. 50 16.10, Coil bolt M8, Coil bolt 2 11.95, No./ terminals 3

Cap: HC-CARGO 133099. Contact Plate: HC-CARGO 135016.

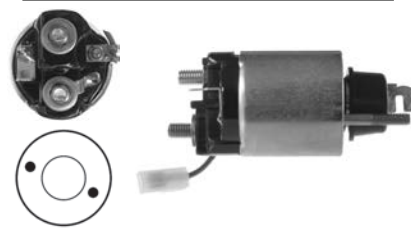

133809 Solenoid

Replacing: 312205-2a20, 153400-0850, 053400-8780, 053400-8730, 053400-8690, 053400-7130

Servicing: 128000-2610, 128000-2611, 128000-2680, 128000-2682, 128000-3040, 128000-3090, 128000-3091, 128000-4020, 128000-4230

12 V, B+ M8, Kl. 50 6.30, OD 49.65, OD/ cover 47.90, Total length 114.55, Height/ B+ 13.80, Width/ kl. 50 14.00, Coil bolt M8, Coil bolt 2 10.75, No./ terminals 3

Cap: HC-CARGO 133099. Contact Plate: HC-CARGO 135016.

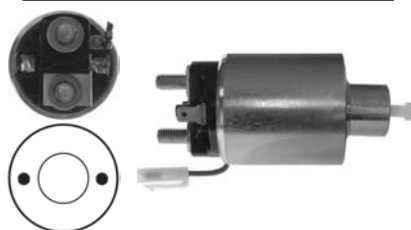

134933 Solenoid

Replacing: 053400-5251, 053400-5250, 053400-5001, 053400-5000

Servicing: 028000-3730, 028000-7520, 028000-7521, 028000-7680, 028000-7681, 028000-8730, 028000-9090, 028000-9091, 028000-9940

12 V, B+ M8, Kl. 50 6.30, OD 50.75, OD/ cover 50.10, Total length 117.80, Height/ B+ 11.10, Width/ kl. 50 15.75, Coil bolt M8, Coil bolt 2 12.40, No./ terminals 4

Cap: HC-CARGO 134934. Contact Plate: HC-CARGO 135016.


135590 Solenoid

Replacing: 021200-3251

Servicing: 100211-0141, 100211-0142, 100211-0321, 100211-0322

12 V, B+ M8, Kl. 15a 6.30, ID/ cover 25.00, OD 52.15, OD/ cover 45.30, Total length 100.90, Height/ B+ 13.60, Width/ kl. 15a 13.75, Coil bolt M8, Coil bolt 2 14.15, No./ terminals 4

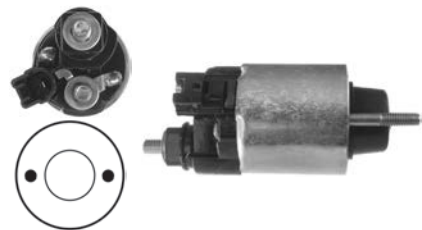
Cap: HC-CARGO 137797.


135652 Solenoid

Replacing: 053400-8510, 053400-7800

Servicing: 128000-2621, 128000-2631, 128000-2980, 128000-3662, 128000-4030, 128000-4031, 128000-4040, 128000-4050, 128000-4060

12 V, B+ M8, Kl. 15a 4.70, Kl. 50 6.30, OD 50.80, OD/ cover 50.00, Total length 114.55, Height/ B+ 11.45, Width/ kl. 15a 10.45, Width/ kl. 50 16.55, Coil bolt M8, Coil bolt 2 12.45, No./ terminals 4

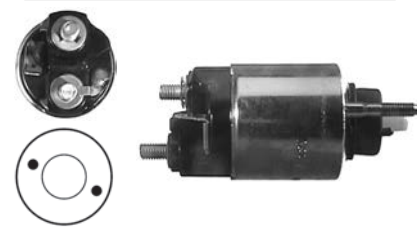

136886 Solenoid

Replacing: 153400-3750, 153400-1520

Servicing: 228000-0940, 228000-0941, 228000-2900, 228000-4020, 228000-4030, 228000-6730, 228000-6740, 228000-6750, 228000-6760

12 V, B+ M8, OD 50.00, OD/ cover 49.90, Total length 124.65, Height/ B+ 11.30, Coil bolt M8, Coil bolt 2 11.10, No./ terminals 3

Cap: HC-CARGO 235274.

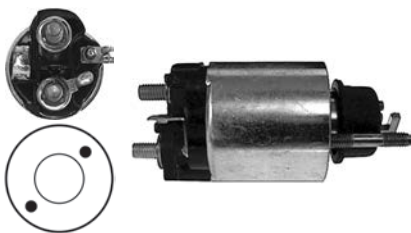

138014 Solenoid

Replacing: 28150-87512, 053400-8750

Servicing: 128000-3662, 228000-4640, 228000-4641, 228000-5480, 228000-5481, 228000-5710, 228000-6430, 228000-7160, 228000-7161

12 V, B+ M8, Kl. 50 6.30, OD 50.00, OD/ cover 42.65, Total length 118.35, Height/ B+ 13.10, Width/ kl. 50 13.50, Coil bolt M8, Coil bolt 2 11.80, No./ terminals 3

Cap: HC-CARGO 133099.


138813 Solenoid

Replacing: 053400-6090

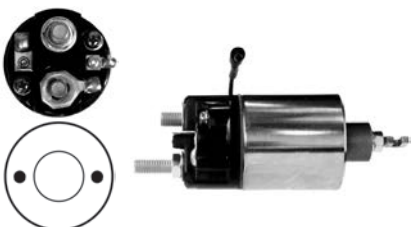
Servicing: 028000-9220, 028000-9221, 128000-1540, 128000-1541

 12 V, B+ M8, Kl. 50 6.30, OD 49.60, OD/ cover 47.75, Total length 118.20, Height/ B+ 15.00, Width/ kl. 50 14.00, Coil bolt M8, Coil bolt 2 10.85, No./ terminals 4
 Cap: HC-CARGO 135090.

231925 Solenoid

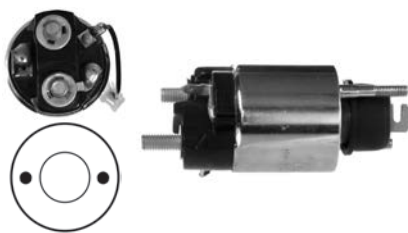
Replacing: 028300-4030

Servicing: 37MT

 12 V, B+ 1/2" UNC, Kl. 15a 10-32 UNF, Kl. 50 10-32 UNF, ID/ cover 32.20, OD 68.75, OD/ cover 76.20, Total length 179.00, Coil bolt 1/2" UNC, Coil bolt 2 11.00, No./ terminals 4
 Insulated return. Cap: HC-CARGO 232038.

231997 Solenoid

Replacing: 053400-3370, 053400-3010, 053400-3000, 053400-2250, 053400-2120, 053400-1880, 053400-1870

Servicing: 028000-0197, 028000-0370, 028000-1010, 028000-1011, 028000-1970, 028000-1971, 028000-1972, 028000-1973, 028000-1975

 12 V, B+ M8, Kl. 50 6.30, OD 50.00, OD/ cover 49.00, Total length 141.65, Height/ B+ 24.35, Width/ kl. 50 12.55, Coil bolt M8, Coil bolt 2 11.15, No./ terminals 3
 Cap: HC-CARGO 232020.

232000 Solenoid

Replacing: 053400-4643, 053400-4642, 053400-4640, 053400-4432, 053400-4431, 053400-4430

Servicing: 028000-5334, 028000-5335, 028000-6380, 028000-6381, 028000-6382, 028000-6383, 028000-6384, 028000-6385, 028000-6391

12 V, B+ M8, Kl. 50 6.30, OD 50.00, OD/ cover 47.75, Total length 121.55, Height/ B+ 17.15, Width/ kl. 50 14.00, Coil bolt M8, Coil bolt 2 11.30, No./ terminals 4


233951 Solenoid

Replacing: 053400-9630, 053400-4810

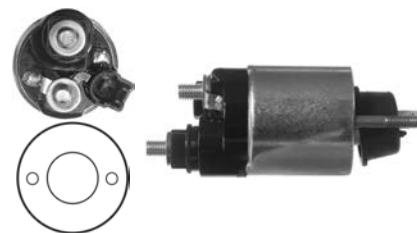
Servicing: 028000-6560, 028000-7430, 028000-7431, 128000-4340, 128000-5330, 128000-5331, 128000-6060, 128000-6070, 128000-6080

12 V, B+ M14, OD 63.65, OD/ cover 63.75, Total length 232.80, Height/ B+ 40.00, Coil bolt M14, Coil bolt 2 28.55, No./ terminals 4


233952 Solenoid

Replacing: 053400-9891, 053400-9890

Servicing: 128000-5970, 128000-7230, 128000-7250, 228000-2360, 228000-2370, 228000-2380, 228000-4600, 228000-4690, 228000-5360

 12 V, B+ M12, OD 62.77, OD/ cover 63.87, Total length 216.70, Height/ B+ 22.72, Coil bolt M12, Coil bolt 2 14.60, No./ terminals 4
 Cap: HC-CARGO 233953.

234992 Solenoid

Replacing: 153400-1510

Servicing: 228000-0550, 228000-0551, 228000-2010, 228000-5960, 228000-5970, 228000-7581, 228000-7583, 228000-7591, 228000-7593

 12 V, B+ M8, OD 50.80, OD/ cover 50.70, Total length 123.00, Height/ B+ 9.40, Coil bolt M8, Coil bolt 2 11.35, No./ terminals 3
 Cap: HC-CARGO 234128. Moving contact: HC-CARGO 135016.

235067 Solenoid

Replacing: 153400-4110

Servicing: 228000-4890, 228000-4891, 228000-8490

12 V, B+ M8/12.00, Kl. 50 6.30, OD 50.00, Total length 125.50, Height/ B+ M8/12.00, Width/ kl. 50 6.30, No./ terminals 3


235319 Solenoid

Servicing: 128000-2640, 128000-2670, 128000-2790, 128000-3730, 128000-3740, 128000-3741, 128000-8650

12 V, B+ M8, Kl. 30h M8, Kl. 50 M8, ID/ cover 11.90, OD 51.00, OD/ cover 7.85, Total length 117.30, No./ terminals 3


235320 Solenoid

Servicing: 128000-8690

 12 V, B+ M8, Kl. 50 M6, OD 50.79,
 Total length 115.68, Height/ B+ 11.67,
 Width/ kl. 50 11.17, Coil bolt M8,
 Coil bolt 2 11.52, No./ terminals 3

235367 Solenoid

Servicing: 128000-4230

 12 V, B+ M8, Kl. 15a M8, Kl. 50 M6,
 OD 50.70, OD/ cover 50.30,
 Total length 113.34, Height/ B+ 60.00,
 Width/ kl. 15a 30.00,
 Width/ kl. 50 43.00, Coil bolt 7.68,
 Coil bolt 2 11.15, No./ terminals 3

235775 Solenoid

Replacing: 153400-3611, 153400-3610

 Servicing: 228000-5290, 228000-5300,
 228000-5301, 228000-5302, 228000-5303

 12 V, B+ M8, OD 93.65,
 No./ terminals 3

235859 Solenoid

Replacing: 153400-2430

Servicing: 228000-1830, 228000-1832

 24 V, B+ M8, Kl. 50 M4S,
 Total length 159.00, Height/ B+ 15.00,
 Width/ kl. 50 10.00, Coil bolt M8,
 No./ terminals 1

237531 Solenoid

Replacing: 153400-8403, 028099-9701

 Servicing: 228000-9900, 228000-9901,
 228000-9902, 428000-0150, 428000-0151,
 428000-0152, 428000-0550, 428000-0551,
 428000-0552

 12 V, B+ M8, Kl. 50 6.30, OD 48.00,
 OD/ cover 46.00, Total length 126.50,
 Height/ B+ 12.80, Coil bolt M8,
 Coil bolt 2 10.50, No./ terminals 3

237806 Solenoid

Replacing: 153400-7610

 Servicing: 228000-6680, 228000-9580,
 428000-0321

 12 V, B+ M8, OD 50.80, Total length 125.93,
 Switch dim. 12.70, Height/ B+ 11.22,
 Width/ kl. 50 6.40, Coil bolt M8,
 Coil bolt 2 12.76, No./ terminals 3

237891 Solenoid

Servicing: 428000-1620

 12 V, OD 54.00, Total length 119.00,
 No./ terminals 3

Cap: HC-CARGO 237892.


237977 Solenoid

Servicing: 428000-0680, 428000-0700

 12 V, B+ M8, Kl. 50 5.00, OD 54.00,
 Total length 104.00, Height/ B+ 11.25,
 Coil bolt M8, Coil bolt 2 9.30,
 No./ terminals 3

237992 Solenoid

Servicing: 428000-0720

 12 V, B+ M8, OD 54.00,
 Total length 103.50, Height/ B+ 12.00,
 No./ terminals 3

238471 Solenoid

Servicing: 428000-0950

 12 V, B+ M8, Kl. 50 6.30, OD 50.98,
 Total length 125.40, Height/ B+ 11.00,
 Coil bolt M8, Coil bolt 2 11.00,
 No./ terminals 3

Solenoid cap can not be replaced.

330430 Solenoid

Servicing: 428000-1630

 12 V, B+ M8, Kl. 50 M5, OD 53.90,
 Total length 121.28, Height/ B+ 17.74,
 Width/ kl. 50 13.60, Coil bolt M8,
 Coil bolt 2 10.32

330642 Solenoid

Servicing: 428000-3180

 12 V, B+ M8, Kl. 50 4.70,
 ID/ cover 46.19, OD 54.07,
 OD/ cover 52.23, Total length 120.00,
 Switch dim. 15.06, Height/ B+ 11.65,
 Coil bolt M8, Coil bolt 2 10.27


330847 Solenoid

Servicing: 228000-7800, 228000-7801
 12 V, B+ M8, Kl. 50 6.30,
 Total length 94.00, Height/ B+ 15.50,
 Coil bolt M8, Coil bolt 2 8.50,
 No./ terminals 3


331918 Solenoid

Replacing: 153400-4401
 12 V, B+ M8, Kl. 50 6.30, OD 49.90,
 Total length 125.00, Height/ B+ 12.00,
 Coil bolt M8, Coil bolt 2 11.50,
 No./ terminals 3


331929 Solenoid

Servicing: 228000-9872
 12 V, B+ M8, Kl. 50 6.30, OD 49.72,
 Total length 147.47, Height/ B+ 11.60,
 Coil bolt M8, Coil bolt 2 11.60,
 No./ terminals 3

24 Volt

134413 Solenoid

Replacing: 053400-6050, 053400-3540,
 053400-2090, 053400-1680, 053400-1630
 Servicing: 028000-4130, 028000-4131,
 028000-5250, 028000-5251
 24 V, B+ M10, OD 62.60,
 OD/ cover 61.70, Total length 203.85,
 Height/ B+ 23.80, Coil bolt M10,
 Coil bolt 2 23.00, No./ terminals 3
 Cap: HC-CARGO 137869.


137033 Solenoid

Replacing: 053400-1900
 Servicing: 028000-5160
 24 V, B+ M8, OD 50.00,
 OD/ cover 49.85, Total length 163.45,
 Height/ B+ 18.45, Coil bolt M8,
 Coil bolt 2 12.15, No./ terminals 3
 Cap: HC-CARGO 138815.


234876 Solenoid

Replacing: 053400-9751, 053400-9750
 Servicing: 128000-7170, 128000-7172,
 128000-7174, 128000-7240, 128000-7520,
 228000-4730
 24 V, B+ M12, OD 63.54,
 OD/ cover 64.10, Total length 210.00,
 Height/ B+ 26.79, Coil bolt M12,
 Coil bolt 2 16.36, No./ terminals 4

Solenoid Assy's
12 Volt

137980 Solenoid Assy

Replacing: 153400-1291, 153400-1290,
 153400-0951, 153400-0950, 153400-0130,
 053400-9641, 053400-4212
 Servicing: 028000-5581, 028000-6870,
 028000-6871, 028000-6872, 028000-6880,
 028000-6881, 028000-6882, 028000-6890,
 028000-6891
 12 V, B+ M10, Kl. 50 6.30,
 OD 70.90, Total length 141.00,
 Height/ B+ 16.00, Width/ kl. 50 10.85,
 Coil bolt M10, Coil bolt 2 9.40


138002 Solenoid Assy

Replacing: 153400-1280, 153400-0340,
 053400-8320
 Servicing: 028000-9270, 128000-1250,
 128000-1251, 128000-3480, 128000-3481,
 128000-3482, 128000-5950, 128000-5951,
 128000-5952
 12 V, B+ M8, OD 62.35,
 Total length 139.60, Height/ B+ 11.40,
 Coil bolt M8, Coil bolt 2 7.00


138183 Solenoid Assy

Replacing: 153400-1640, 153400-1011,
 153400-1010, 053400-7140, 053400-4900
 Servicing: 028000-5900, 028000-6300,
 028000-7560, 028000-8220, 028000-9260,
 028000-9261, 028000-9720, 128000-1240,
 128000-1241
 12 V, B+ M8, OD 63.50,
 Total length 122.50, Height/ B+ 11.45,
 Coil bolt M8, Coil bolt 2 7.90


138184 Solenoid Assy

Replacing: 153400-3290, 053400-9361,
 053400-8260
 Servicing: 128000-3340, 128000-4420,
 128000-5780, 128000-5781, 228000-0311,
 228000-3330, 228000-3331, 228000-3332,
 228000-5920
 12 V, B+ M8, OD 62.25,
 Total length 122.55, Height/ B+ 11.40,
 Coil bolt M8, Coil bolt 2 8.25


138420 Solenoid Assy

Replacing: 053400-9710

Servicing: 128000-9380, 228000-0470, 228000-0471, 228000-0472, 228000-0473

12 V, B+ M8, OD 60.25,

Total length 93.95, Height/ B+ 17.95, Coil bolt M8, Coil bolt 2 8.15


138878 Solenoid Assy

Replacing: 053400-5361, 053400-5360

Servicing: 028000-6000, 028000-6001, 028000-6960, 028000-6961, 028000-6962, 028000-7620, 028000-7621, 028000-8050, 028000-8290

12 V, B+ M8, OD 63.50,

Total length 121.50, Height/ B+ 11.55, Coil bolt M8, Coil bolt 2 8.00

w/ solenoid plug.

139490# Solenoid Assy

Servicing: 128000-1180, 128000-1181

12 V, B+ M8, Kl. 50 9.40, OD 63.55,

Total length 121.85, Height/ B+ 12.00, Coil bolt M8, Coil bolt 2 9.20


230488 Solenoid Assy

Replacing: 153400-1150, 053400-6321

Servicing: 028000-9121, 028000-9580, 128000-0120, 128000-0280, 128000-0281, 128000-2140, 128000-2600, 128000-4750, 128000-5080

12 V, B+ M8, Kl. 50 6.30, OD 66.00,

Total length 121.30, Height/ B+ 11.75, Coil bolt M8, Coil bolt 2 8.50


230561 Solenoid Assy

Replacing: 153400-1790, 053400-6121, 053400-6120, 053400-4341, 053400-4340

Servicing: 028000-7000, 028000-7001, 028000-7002, 028000-7003, 028000-7004, 028000-7790, 028000-7791, 128000-0020, 128000-0040

12 V, B+ M8, Kl. 50 6.30, OD 63.65,

Total length 122.00, Height/ B+ 11.50, Width/ kl. 50 10.40, Coil bolt M8, Coil bolt 2 8.00


230562# Solenoid Assy

Replacing: 053400-9350

Servicing: 128000-5760

12 V, B+ M8, Kl. 50 6.30, OD 63.60,

Total length 122.50, Height/ B+ 10.30, Width/ kl. 50 9.95, Coil bolt M8, Coil bolt 2 5.65


230574 Solenoid Assy

Replacing: 153400-2320, 053400-7301, 053400-7300, 053400-3470

Servicing: 028000-5870, 028000-5871, 028000-6290, 028000-6291, 028000-6292, 028000-8490, 028000-8491, 228000-1610, 228000-1611

12 V, B+ M10, Kl. 50 6.30,

OD 71.40, Total length 142.80, Height/ B+ 16.00, Width/ kl. 50 10.85, Coil bolt M10, Coil bolt 2 9.20


230576 Solenoid Assy

Replacing: 153400-6640, 153400-4040, 153400-2650, 153400-2290, 153400-2080, 153400-1570, 153400-1490

Servicing: 028000-5371, 028000-5560, 028000-5561, 028000-6780, 028000-6891, 028000-6893, 028000-8070, 028000-8072, 028000-8340

12 V, B+ M10, Kl. 50 6.30, OD 71.45, Total length 140.40, Height/ B+ 15.75, Width/ kl. 50 10.45, Coil bolt M10, Coil bolt 2 10.00


230578 Solenoid Assy

Replacing: 153400-2240

Servicing: 028000-6250, 128000-9730, 128000-9740, 228000-1070, 228000-4390, 228000-4391, 228000-4392

12 V, B+ M8, OD 60.65, Total length 94.30, Height/ B+ 11.40, Coil bolt M8, Coil bolt 2 8.35


230582 Solenoid Assy

Replacing: 153400-6520, 153400-2250, 153400-1890, 153400-1880, 153400-1340, 153400-0740

Servicing: 128000-7140, 128000-9300, 128000-9520, 228000-0340, 228000-0950, 228000-0980, 228000-0981, 228000-0990, 228000-0991

12 V, B+ M8, OD 60.20, Total length 94.40, Height/ B+ 11.40, Coil bolt M8, Coil bolt 2 8.00


230583 Solenoid Assy

Replacing: 153400-3690

Servicing: 228000-2570, 228000-2571, 228000-2572, 228000-2573

12 V, B+ M8, OD 60.65,

Total length 94.00, Height/ B+ 17.00, Coil bolt M8, Coil bolt 2 5.80


230827 Solenoid Assy

Replacing: 153400-1400, 153400-1371, 053400-4754, 053400-4753

Servicing: 028000-7370, 028000-7372, 028000-7373, 028000-8140, 028000-8141, 028000-8142, 028000-8760, 028000-8761, 028000-8762

12 V, B+ M8, KI. 50 6.30, OD 63.30, Total length 122.35, Height/ B+ 13.35, Width/ kl. 50 10.15, Coil bolt M8, Coil bolt 2 10.45


232478# Solenoid Assy

Replacing: 053400-6471, 053400-6470

Servicing: 028000-5730, 128000-0111, 128000-0710, 128000-3410, 228000-0110, 228000-0111

12 V, B+ M8, OD 62.40,

Total length 120.90, Height/ B+ 11.30, Coil bolt M8, Coil bolt 2 8.00


233703 Solenoid Assy

Replacing: 153400-4140, 153400-2230, 153400-0332, 153400-0331

Servicing: 128000-8320, 128000-8321, 128000-8322, 128000-8323, 228000-1000, 228000-1020, 228000-1021, 228000-1022, 228000-1040

12 V, B+ M8, KI. 50 6.30, OD 60.00, Total length 101.40, Height/ B+ 17.15, Width/ kl. 50 12.40, Coil bolt M8, Coil bolt 2 8.80


233897# Solenoid Assy

Replacing: 153400-4030

Servicing: 128000-7390, 128000-8400, 128000-9710, 128000-9720, 228000-0420

12 V, B+ M8, OD 60.40,

Total length 94.60, Height/ B+ 11.40, Coil bolt M8, Coil bolt 2 8.00


233932# Solenoid Assy

Replacing: 153400-0890

Servicing: 128000-6780, 228000-1140

12 V, B+ M8, KI. 50 6.30, OD 62.30, Total length 122.00, Height/ B+ 11.40, Coil bolt M8, Coil bolt 2 8.00


234143 Solenoid Assy

Replacing: 153400-4293, 153400-4292, 153400-4291

Servicing: 228000-5020, 228000-5021, 228000-5022, 228000-5023

12 V, B+ M8, KI. 50 6.30, OD 62.30, Total length 121.40, Height/ B+ 11.55, Coil bolt M8, Coil bolt 2 7.85


234419 Solenoid Assy

Replacing: 153400-3831

Servicing: 228000-3980, 228000-3981, 228000-4960, 228000-4961, 228000-7220

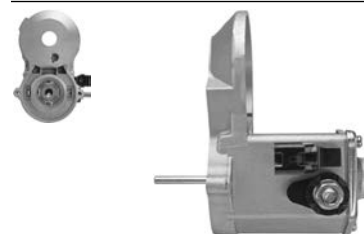
12 V, B+ M8, KI. 50 6.30, OD 62.00, Total length 94.60, Height/ B+ 11.40, Width/ kl. 50 11.85, Coil bolt M8, Coil bolt 2 8.30, Seconds 1.8


234879 Solenoid Assy

Replacing: 153400-2810

Servicing: 228000-2260, 228000-2261

12 V, B+ M8, Height/ B+ 13.30


234915 Solenoid Assy

Replacing: 153400-3980, 153400-1821

Servicing: 228000-0820, 228000-0821, 228000-0822, 228000-0823, 228000-0830, 228000-0831, 228000-0832, 228000-2500

12 V



234916# Solenoid Assy
 Replacing: 153400-3682, 153400-3681, 153400-3680
 Servicing: 228000-2940, 228000-2960
 12 V, B+ M8, Height/ B+ 19.10



234960 Solenoid Assy
 Replacing: 153400-2540
 Servicing: 228000-2120, 228000-2121, 228000-2122, 228000-2123, 228000-2124, 228000-2680, 228000-2682, 228000-2690, 228000-8150
 12 V



235098 Solenoid Assy
 Replacing: 153400-4532, 153400-4531
 Servicing: 228000-4930, 228000-5340, 228000-5341, 228000-5342, 428000-0290, 428000-3110
 12 V



235375 Solenoid Assy
 Replacing: 153400-5011, 153400-3503, 153400-3501
 Servicing: 228000-3640, 228000-3641, 228000-3642, 228000-9220, 228000-9221
 12 V

24 Volt



137566 Solenoid Assy
 Replacing: 153400-2310, 153400-1321, 153400-1320, 153400-0540, 053400-9571, 053400-9570, 053400-9500
 Servicing: 028000-5300, 028000-5301, 028000-5530, 028000-5531, 028000-5532, 028000-5550, 028000-5551, 028000-5552, 028000-5553
 24 V, B+ M10, Kl. 50 6.30, OD 71.35, Total length 141.80, Height/ B+ 15.30, Width/ kl. 50 10.55, Coil bolt M10, Coil bolt 2 8.00



137567 Solenoid Assy
 Replacing: 053400-9240, 053400-4770, 053400-4730, 053400-4610, 053400-4202, 053400-4201, 053400-4200
 Servicing: 028000-4800, 028000-5570, 028000-5571, 028000-5651, 028000-5652, 028000-5840, 028000-5841, 028000-5860, 028000-5861
 24 V, B+ M10, Kl. 50 6.30, OD 71.40, Total length 141.90, Height/ B+ 16.30, Width/ kl. 50 10.15, Coil bolt M10, Coil bolt 2 10.25



137568 Solenoid Assy
 Replacing: 053400-7311, 053400-7310
 Servicing: 128000-1570, 128000-1571, 128000-1572, 128000-1573, 128000-1574, 128000-6170, 128000-6171, 128000-6172, 128000-6173
 24 V, B+ M10, Kl. 50 6.30, OD 71.35, Total length 141.55, Height/ B+ 16.15, Width/ kl. 50 9.70, Coil bolt M10, Coil bolt 2 10.45



233453 Solenoid Assy
 Servicing: 228000-7550
 24 V, B+ M10, Kl. 50 M5, OD 71.00



233454 Solenoid Assy
 Servicing: 228000-5641
 24 V, B+ M10, Kl. 50 M5, OD 72.00, Total length 142.50, Height/ B+ 17.75, Coil bolt M10, Coil bolt 2 10.10



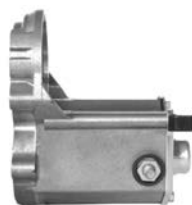
234681 Solenoid Assy
 Replacing: 053400-9412, 053400-9411, 053400-9410
 Servicing: 128000-5730, 128000-5731, 128000-5732, 128000-5733
 24 V, B+ M12, Kl. 50 9.40, Height/ B+ 20.80, Width/ kl. 50 10.65

Safety Switches

12 Volt



234075 Solenoid Assy
 Replacing: 153400-2510, 153400-0030
 Servicing: 128000-7710, 128000-7712, 128000-7713, 128000-7714, 128000-9751, 128000-9752, 228000-2060, 228000-2061, 228000-4000
 12 V, B+ M8, Kl. 50 6.30, OD 60.75, Height/ B+ 11.90, Coil bolt M8, Coil bolt 2 7.65


234661 Solenoid Assy

Replacing: 053400-8160, 053400-6380, 053400-0903

Servicing: 028000-8620, 028000-9860, 128000-0050, 128000-0170, 128000-0171, 128000-5850, 128000-6640, 128000-8070, 128000-8200
12 V, B+ M8, OD 62.75,
Total length 121.25, Height/ B+ 10.75,
Coil bolt M8, Coil bolt 2 7.80

24 Volt

230386 Safety Switch

Replacing: 182800-3140, 128800-3140
24 V, OD 33.65, OD/ cover 31.45,
Total length 51.80

Alternative no.: 333281


333281 Safety switch

Manufacturer: Bosch

Replacing: 182800-3140, 128800-3140
24 V, OD 33.65, OD/ cover 31.45,
Total length 51.80

Alternative no.: 230386

Solenoid Parts
Coils

132706 Solenoid Coil

12 V, ID 20.90, OD 46.75
Double wire on left side. Single wire on right side.


132707 Solenoid Coil

12 V, ID 21.15, OD 46.10
Single wire on left side. Double wire on right side.


132708 Solenoid Coil

Servicing: 028000-5910, 028000-5911, 028000-5912, 028000-6300, 028000-7830, 028000-8440, 028000-9270, 128000-0140, 128000-0141

12 V, ID 21.00, OD 46.60


132880 Solenoid Coil

12 V, ID 21.00, OD 46.65


132881 Solenoid Coil

Servicing: 028000-4000, 028000-4243, 028000-4250, 028000-4340, 028000-4341, 028000-4343, 028000-4540, 028000-4550, 028000-4940

12 V, ID 20.85, OD 46.50


132882 Solenoid Coil

24 V, ID 20.90, OD 46.55


132883 Solenoid Coil

Servicing: 028000-5800, 028000-7000, 028000-7001, 028000-7002, 028000-7003, 028000-7004, 028000-7790, 028000-7791, 028000-8060

12 V, ID 21.00, OD 46.65


132884 Solenoid Coil

Servicing: 028000-5900, 028000-7560, 028000-9260, 028000-9261, 028000-9380, 028000-9510, 028000-9720, 128000-0620, 128000-0621

12 V, ID 21.00, OD 45.85


133094 Solenoid Coil

24 V, ID 21.10, OD 46.75


136606 Solenoid Coil

Servicing: 128000-7140, 128000-8210, 128000-8310, 128000-8311, 128000-8312, 128000-8320, 128000-8321, 128000-8322, 128000-8323

12 V, ID 21.10, OD 43.75


136607 Solenoid Coil

Servicing: 128000-7010, 128000-7390, 128000-7500, 128000-7560, 128000-7561, 128000-7562, 128000-7712, 128000-7713, 128000-7714

12 V, ID 20.85, OD 43.75



138929 Solenoid Coil
12 V, ID 20.85, OD 46.10



138931 Solenoid Coil
Servicing: 228000-4980, 228000-4981, 228000-4982
12 V, ID 21.10, OD 46.00



138934 Solenoid Coil
12 V, ID 21.00, OD 46.55



138936 Solenoid Coil
12 V, ID 21.00, OD 46.85



138937 Solenoid Coil
12 V, ID 21.00, OD 46.70



138939 Solenoid Coil
24 V, ID 21.00, OD 46.70



138940 Solenoid Coil
24 V, ID 21.10, OD 46.75



138941 Solenoid Coil
24 V, ID 21.15, OD 46.30



138942 Solenoid Coil
24 V, ID 21.00, OD 46.75



138943 Solenoid Coil
24 V, ID 21.00, OD 46.85

Solenoid Caps



131374 Solenoid Cap
Servicing: 028000-0197, 028000-0370, 028000-1010, 028000-1011, 028000-1970, 028000-1971, 028000-1972, 028000-1973, 028000-1975
No./ terminals 4
HC-CARGO 131084.



133099 Solenoid Cap
Servicing: 028000-5330, 028000-5331, 028000-5332, 028000-5333, 028000-5334, 028000-5335, 028000-6490, 028000-6491, 028000-6492
No./ terminals 3, Bracket type Crimp
HC-CARGO 131807, 133675, 133723, 133809.



133104# Solenoid Cap
Servicing: 028000-5200, 028000-5201, 028000-5210, 028000-5400, 028000-5401, 028000-5410, 053400-2830
No./ terminals 4



134627 Solenoid Cap
Servicing: 028000-0430, 028000-1370, 028000-1850, 028000-2150, 028000-2151, 028000-2240, 028000-2241, 028000-2360, 028000-2361
No./ terminals 3
HC-CARGO 130814, 132057.


134934 Solenoid Cap

Servicing: 028000-3730, 028000-6820,
 028000-6821, 028000-6822, 028000-6823,
 028000-7520, 028000-7521, 028000-8730,
 028000-9010

No./ terminals 4, Bracket type Crimp
 HC-CARGO 134933.


137371 Solenoid Cap

Servicing: 053400-8510, 228000-5400,
 228000-5910

No./ terminals 4, Bracket type Crimp
 HC-CARGO 135652.


137869 Solenoid Cap

Servicing: 028000-3290, 028000-3291,
 028000-3292, 053400-1680, 053400-1720,
 053400-3490, 053400-3491, 053400-3492,
 053400-6030

No./ terminals 3
 HC-CARGO 132641, 134413.


234128 Solenoid Cap

Servicing: 228000-7581, 228000-7591

No./ terminals 3, Bracket type Crimp
 HC-CARGO 234992.


235274 Solenoid Cap

Servicing: 153400-1520, 228000-4020,
 228000-6730, 228000-6750, 228000-6840,
 228000-8350, 228000-8360, 228000-8540,
 228000-8550

No./ terminals 3
 HC-CARGO 136886.


237892 Solenoid Cap

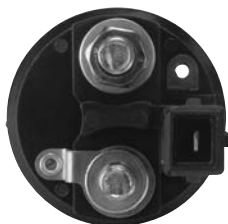
Servicing: 428000-1620

No./ terminals 3


237978 Solenoid Cap

Servicing: 428000-0680, 428000-0700,
 428000-0720, 428000-3180, 428000-7710

No./ terminals 3, Bracket type Crimp


331957 Solenoid Cap

Servicing: 428000-1760

No./ terminals 3, Bracket type Crimp

Moving Contacts


131830 Contact Kit

Servicing: 028000-4550, 028000-5120,
 028000-6030, 028000-6031, 028000-6040,
 028000-6041, 028000-6620, 028000-6700,
 028000-6701


131831 Contact Kit

Servicing: 028000-4340, 028000-4341,
 028000-4343, 028000-5730, 028000-5800,
 028000-5900, 028000-5910, 028000-5911,
 028000-5912

Thickness 2.50


131832 Contact Kit

Servicing: 028000-5530, 028000-5581,
 028000-5620, 028000-5860, 028000-5861,
 028000-5862, 028000-5863, 028000-5864,
 028000-6290


131833 Contact Kit

Servicing: 128000-1790, 228000-5641

Pkg. 5


132064# Terminal Contact

Servicing: 028000-4550, 028000-5120,
 028000-6030, 028000-6031, 028000-6040,
 028000-6041, 028000-6620, 028000-6700,
 028000-6701



132564 Contact Kit

Replacing: 028099-7140, 028099-7120, 028099-7100, 028099-3781, 028099-3780, 028099-2791, 028099-2790
 Servicing: 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5530, 028000-5531, 028000-5532, 028000-5541, 028000-5542



132565 Contact Kit

Replacing: 028099-3160
 Servicing: 028000-4800, 028000-5000, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5530, 028000-5531, 028000-5532



132567 Contact Kit

Replacing: 028099-8701, 028099-8672, 028099-3860, 028099-3031, 028099-3030, 028099-2820, 028099-2680
 Servicing: 028000-3641, 028000-3642, 028000-4343, 028000-4450, 028000-4990, 028000-5060, 028000-5190, 028000-5390, 028000-5730



132568 Contact Kit

Replacing: 028099-7220, 028099-6820, 028099-3399, 028099-3390, 028099-3020, 028099-3010, 028099-2921
 Servicing: 028000-3641, 028000-3642, 028000-4323, 028000-4340, 028000-4341, 028000-4343, 028000-4450, 028000-4540, 028000-4550



133599 Contact Kit

Replacing: 028099-3170
 Servicing: 128000-3080, 128000-3081, 128000-3082, 128000-3512, 128000-3513, 128000-3514, 228000-1671, 228000-5641



133601 Contact Kit

Replacing: 028099-2691, 028099-2690
 Servicing: 028000-4800, 028000-5000, 028000-5300, 028000-5301, 028000-5570, 028000-5571, 028000-5651, 028000-5652, 028000-5660



133602 Contact Kit

Servicing: 028000-7370, 028000-7372, 028000-7373, 028000-7790, 028000-7791, 028000-8320, 028000-8370, 028000-8371, 028000-8451
 For 1/1.2/1.4/2 kW.



133621 Contact Kit



133634 Contact Kit

Servicing: 028000-5300, 028000-5581, 028000-5860, 028000-5861, 028000-5862, 028000-5863, 028000-5864, 028000-6290, 028000-6291
 Width 3.00



133635 Contact Kit

Servicing: 028000-7000, 028000-7001, 028000-9030, 028000-9260, 028000-9261, 128000-0280, 128000-0281, 128000-0620, 128000-0621
 Shaft measurement M8, Width 2.50



135016 Contact Plate

Servicing: 028000-5200, 028000-5201, 028000-6490, 028000-6491, 028000-6492, 028000-6493, 028000-6494, 028000-6495, 028000-7091
 Length 25.25, Thickness 4.00, Width 12.55



135383 Contact Kit

Replacing: 028099-6600
 Servicing: 128000-3380, 128000-3381, 128000-3420



135384 Contact Kit

Replacing: 028099-9131, 028099-9130, 028099-7230
 Servicing: 128000-7010, 128000-7390, 128000-7500, 128000-7560, 128000-7561, 128000-7562, 128000-7712, 128000-7713, 128000-7714

Pkg. 10


135385 Contact Kit

Replacing: 028099-7231, 028099-7212, 028099-7210

Servicing: 128000-7002, 128000-7122, 128000-7140, 128000-8210, 128000-8310, 128000-8311, 128000-8312, 128000-8320, 128000-8321


139046 Contact Kit

Replacing: 028099-7242, 028099-7240

Servicing: 128000-9310, 128000-9860, 128000-9880, 128000-9890, 228000-0820, 228000-0821, 228000-0822, 228000-0823, 228000-0830

1.2/1.4 kW.


139047 Contact Kit

Replacing: 128099-5241, 128099-5240

Servicing: 228000-0570, 228000-0571, 228000-1590, 228000-1591, 228000-1600, 228000-1601, 228000-1610, 228000-1611, 228000-1661

2.5/2.7/4.5 kW.


139081 Contact Kit

Servicing: 128000-5730, 128000-5731, 128000-5732

Length 65.00, Shaft measurement M12
Used w/ HC-CARGO 132565.


139494 Contact Kit

Replacing: 028099-7812, 028099-7800, 028099-7202

Servicing: 228000-1100, 228000-2120, 228000-2121, 228000-2122, 228000-2123, 228000-2124, 228000-2680, 228000-2682, 228000-2690

12 V. 2 kW.


139495 Contact Kit

Replacing: 028099-3041, 028099-3040, 028099-3001, 028099-3000

Servicing: 028000-4323, 028000-4540, 028000-4550, 028000-4940, 028000-5900, 028000-5910, 028000-5911, 028000-5912, 028000-6000

12 V. 1 kW.


139532 Contact Kit

Replacing: 028099-8961, 028099-8960, 028099-7752, 028099-7751, 028099-7750

Servicing: 028000-7370, 028000-7372, 028000-7373, 028000-8760, 028000-8761, 028000-8762, 128000-0360, 128000-7350, 128000-7353

1/1.2/1.4/2 kW.


230004 Contact Kit

Length 16.00, Thickness 3.00,
Width 17.00


230744 Contact Kit

Replacing: 028099-6890, 028099-6470, 028099-6433, 028099-6432, 028099-6431, 028099-6430, 028099-6420

Servicing: 128000-5730, 128000-5731, 128000-5732, 228000-3700, 228000-7902, 428000-0190, 428000-2370

Shaft measurement M12
24 V. 5.5 kW.


232982 Contact Kit

232983 Contact Kit

Pkg. 5


233069 Contact Plate

Servicing: 028000-9380, 053660-0401, 053660-7050, 053660-7100, 128000-1050, 128000-1630, 128000-1770, 128000-3350, 128000-6280

Thickness 2.00

Pkg. 5


233077 Contact Plate

Servicing: 053660-7120, 053660-7150
Thickness 2.00



Pkg. 5

233078 Contact Plate

Servicing: 053660-0443, 053660-0660
Thickness 2.50



233081 Contact Kit

Servicing: 128000-7380



233169 Contact Kit

Servicing: 128000-5750
Shaft measurement M8

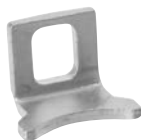


233689 Contact Kit

Replacing: 028099-8940, 028099-8911, 028099-7520
Servicing: 228000-1960, 228000-1970, 228000-2570, 228000-2571, 228000-2572, 228000-2573, 228000-2831, 228000-2841, 228000-3240
Length 37.65, Shaft measurement M8, Thickness 8.70
12 V.1.4 kW.



234352 Contact Kit



Pkg. 5

235638 Contact

Servicing: 028000-7000, 028000-8370, 228000-0450
Length 21.90, Thickness 2.45, Width 15.50



Pkg. 5

237893 Moving Contact

Servicing: 428000-0720, 428000-1620
Length 24.50, Thickness 1.60, Width 26.50



Pkg. 10

237979 Moving Contact

Servicing: 428000-0680, 428000-0700, 428000-0720, 428000-3180
Length 24.25, Thickness 1.60, Width 12.50



Pkg. 10

332661 Contact Plate

Servicing: 228000-0940, 228000-0941, 228000-2900
Length 25.50, Thickness 4.25, Width 12.30

Fixed Contacts

Pkg. 10



139640 Fixed Contact

Total length 45.70, Thread length 24.20, Thread size M10

Pkg. 10



139641 Fixed Contact

Thread M10, Total length 33.20, Thread length 18.50

Pkg. 10



139642 Fixed Contact

Servicing: 228000-3620, 228000-3621, 228000-3622, 228000-4980, 228000-4981, 228000-4982, 428000-0250
Total length 27.71, Length/ rear collar 24.28, Thread length 14.27, Thread size M8

Pkg. 10



139643 Fixed Contact

Thread M8, Total length 29.80, Thread length 15.25

Pkg. 10


139644 Fixed Contact

Servicing: 228000-3620, 228000-3621,
 228000-3622, 228000-4980, 228000-4981,
 228000-4982
 Thread M8,
 Total length 36.70, Thread length 19.60

Pkg. 10


233066 Fixed Contact

Servicing: 428000-0250
 Total length 37.00,
 Length/ rear collar 33.30,
 Thread length 19.05, Thread size M8

Pkg. 5


233168 Contact

Length 24.95

Various

Pkg. 5


131834 Terminal Switch

Replacing: 053480-7430, 053480-7320,
 053480-7220, 053480-0380, 053480-0100
 Servicing: 028000-4323, 028000-4540,
 028000-5530, 028000-5620, 028000-5800,
 028000-5900, 028000-5911, 028000-5912,
 028000-6000

Pkg. 5


131835 Terminal Switch

Replacing: 053480-0090
 Servicing: 028000-5060, 028000-5821,
 028000-5822, 028000-5991, 028000-5992,
 028000-6440, 028000-6570, 028000-6620,
 028000-6701

Pkg. 5


131836 Terminal Switch

Servicing: 028000-4550, 028000-6030,
 028000-6031, 028000-6041, 028000-6620,
 028000-6700, 028000-6701, 028000-7190,
 028000-7191

Pkg. 5

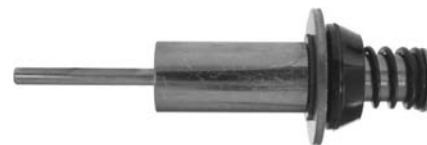

132068 Gasket

ID 55.00, ID/ mount. hole 5.70,
 OD 65.70, Thickness 0.70,
 No./ mount. holes 3

Pkg. 5


132563 Plunger

Replacing: 053660-7710, 053660-7260,
 053660-7250, 053660-7100, 053660-0442,
 053660-0441, 053660-0440
 Servicing: 028000-3641, 028000-3642,
 028000-4323, 028000-4340, 028000-4341,
 028000-4343, 028000-4450, 028000-4540,
 028000-4550
 OD 36.80, Length 95.50
 Contact: HC-CARGO 233069.


132570 Plunger

Replacing: 053660-7170, 053660-7111,
 053660-0660, 053660-0443, 021660-0442,
 021660-0441, 021660-0440

Servicing: 028000-4800, 028000-5000,
 028000-5300, 028000-5301, 028000-5510,
 028000-5511, 028000-5530, 028000-5531,
 028000-5532

OD 39.80, Length 119.20
 Contact: HC-CARGO 233078.

Pkg. 5


132705 Terminal Switch

Replacing: 053480-0110
 Servicing: 028000-4800, 028000-5120, 028000-
 5300, 028000-5301, 028000-5510, 028000-5511,
 028000-5530, 028000-5531, 028000-5532

Width 2.50
 M5-0.8 thread hole.

Pkg. 5


132709 Terminal Switch

Servicing: 028000-4550, 028000-6030, 028000-
 6031, 028000-6041, 028000-6620, 028000-6700,
 028000-6701, 028000-7190, 028000-7191

Pkg. 10


132725 Insulator

Servicing: 028000-4340, 028000-4341,
 028000-4343, 028000-4550, 028000-5730,
 028000-5900, 028000-5910, 028000-5911,
 028000-5912

ID 11.40, OD 21.90, Height 6.00

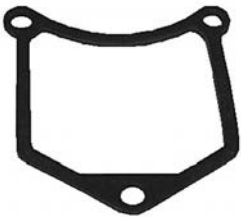
Pkg. 5



132870 Terminal

Replacing: 128000-2570, 128000-2580, 128000-3500, 128000-4960, 128000-5270, 128000-5280, 128000-7500, 128000-8030
 Total length 27.50, Thread length 7.00, Thread size M4

Pkg. 5



132878 Gasket

Replacing: 053404-0320, 053404-0210
 Servicing: 028000-3641, 028000-3642, 028000-4323, 028000-4343, 028000-4450, 028000-4540, 028000-4940, 028000-4990, 028000-5060
 ID 52.40, ID/ mount. hole 7.50, OD 61.40, Thickness 2.85, No./ mount. holes 3, Material Rubber

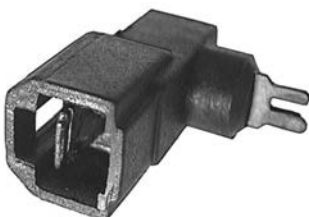
Pkg. 5



132879 Gasket

Replacing: 053404-0240
 Servicing: 028000-4800, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5530, 028000-5531, 028000-5532, 028000-5541
 ID 61.35, ID/ mount. hole 7.90, OD 70.90, Thickness 1.95, No./ mount. holes 3, Material Rubber

Pkg. 5



132897 Terminal Switch

Servicing: 028000-4340, 028000-4341, 028000-4343, 028000-5910, 028000-5911, 028000-8440, 228000-5382

Pkg. 10



134496 Insulator

Servicing: 028000-5730, 028000-5900, 028000-5910, 028000-5911, 028000-5912, 028000-6250, 028000-7000, 028000-7001, 028000-7002
 ID 8.00

Pkg. 5



135166 Insulator

Servicing: 128000-0040
 ID 8.30, OD 22.00, Height 5.60

Pkg. 5



135167 Insulator

Servicing: 028000-5300, 028000-5581, 028000-5860, 028000-5861, 028000-5862, 028000-5863, 028000-5864, 028000-6290, 028000-6291

Pkg. 5



135168 Insulator

Servicing: 028000-5300, 028000-5581, 028000-5860, 028000-5861, 028000-5862, 028000-5863, 028000-5864, 028000-6290, 028000-6291

Pkg. 10



135313 Terminal Switch

Replacing: 053480-7300
 Servicing: 028000-6250, 028000-7830, 028000-8570, 028000-8581, 028000-9800, 128000-0140, 128000-0141, 128000-0170, 128000-0171

Pkg. 5



135342 Spring

Replacing: 949170-9770, 949170-3380, 053659-7060
 Servicing: 028000-3641, 028000-3642, 028000-4323, 028000-4343, 028000-4450, 028000-4512, 028000-4540, 028000-4940, 028000-5060
 OD 7.00, Length 62.00
 1/2.2 kW.

Pkg. 5



135343 Spring

Replacing: 053659-7070
 Servicing: 128000-3480, 128000-3481, 128000-3482, 128000-5950, 128000-5951, 128000-7390, 128000-7991, 128000-8310, 128000-8311
 OD 7.35, Length 89.60
 2.5 kW.

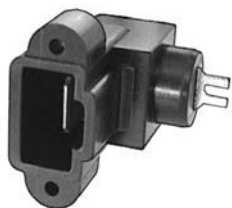
Pkg. 10



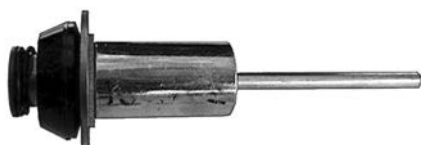
135476 Insulator

Servicing: 028000-5581, 028000-6870, 028000-6880, 028000-6890, 028000-6891, 028000-6892, 028000-6910, 028000-7240, 028000-7241
 ID 13.40, OD 29.75, Height 13.90

Pkg. 10


135650 Terminal Switch

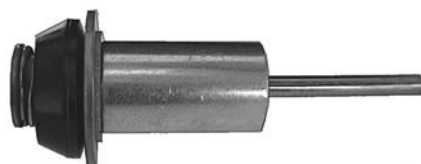
Replacing: 053480-0431, 053480-0430
 Servicing: 028000-5730, 128000-0111, 128000-0710, 128000-0740, 128000-0790, 128000-1151, 128000-1152, 128000-3410, 128000-6360


135865 Plunger

Replacing: 053660-7051, 053660-7050
 Servicing: 128000-3470, 128000-3471, 128000-3472, 128000-3480, 128000-3481, 128000-3482, 128000-5941, 128000-5942, 128000-5950
 OD 36.80, Length 123.00
 Contact: HC-CARGO 233069.


136033 Gasket

Replacing: 053404-7061
 Servicing: 128000-6280, 128000-7002, 128000-7122, 128000-7140, 128000-7390, 128000-7500, 128000-7560, 128000-7712, 128000-7713
 ID 50.90, ID/ mount. hole 6.40, OD 59.70, Thickness 2.25, No./ mount. holes 3, Material Rubber


136374 Plunger

Replacing: 053680-7120, 053660-7121, 053660-7120
 Servicing: 128000-6810, 128000-6811, 128000-6812, 128000-7002, 128000-7010, 128000-7120, 128000-7122, 128000-7140, 128000-7500
 OD 34.80, Length 96.50
 Contact: HC-CARGO 233077.


136901 Plunger

Replacing: 053660-7151, 053660-7150
 Servicing: 128000-7390, 128000-8310, 128000-8311, 128000-8312, 128000-8400, 128000-9710, 128000-9720, 228000-0220, 228000-0420
 OD 35.00, Length 126.50
 Contact: HC-CARGO 233077.


137204 Terminal Switch

Replacing: 053480-7670, 053480-7550, 053480-7510
 Servicing: 128000-9890, 228000-0580, 228000-0780, 228000-0820, 228000-0821, 228000-0822, 228000-0823, 228000-0830, 228000-0831
 Length 34.30, Width 10.00


138608 Spring

Replacing: 949170-4070
 Servicing: 028000-4800, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5530, 028000-5531, 028000-5532, 028000-5541
 OD 7.20, Length 72.80


139048 Gasket

Replacing: 053404-7130
 Servicing: 228000-2120, 228000-2121, 228000-2122, 228000-2123, 228000-2124, 228000-2680, 228000-2682, 228000-2690, 228000-2700
 ID 53.85, ID/ mount. hole 7.40, OD 61.50, Thickness 2.40, No./ mount. holes 3, Material Rubber

Pkg. 5


139420 Insulator

Servicing: 228000-0580, 228000-0640, 228000-0830, 228000-0831, 228000-0832, 228000-0900, 228000-0901, 228000-0902, 228000-1100
 Total length 32.15


139424 Spring

OD 7.30, Length 72.00


139487# Terminal Switch

Servicing: 128000-1180, 128000-1181


230221 Plunger

Replacing: 053660-7241, 053660-7240
 Servicing: 028000-7002, 028000-7003, 028000-7004, 128000-0140, 128000-6280, 228000-1070, 228000-2120, 228000-2680, 228000-2690
 OD 36.80, Length 96.70
 Contact: HC-CARGO 233069.



Pkg. 5

230898 Terminal Switch

Replacing: 053480-7790
 Servicing: 228000-2860, 228000-2890,
 228000-3060, 228000-3640, 228000-3641,
 228000-3642, 228000-3680, 228000-4320,
 228000-4980
 Length 34.90



Pkg. 5

231427 Terminal Switch

Length 29.00, Shaft measurement M4



Pkg. 5

231552 Rubber Boot

Replacing: 053665-7071, 053665-7070,
 053665-0111
 Servicing: 028000-5334, 028000-5335,
 028000-6380, 028000-6381, 028000-6382,
 028000-6383, 028000-6384, 028000-6385,
 028000-6391
 ID 27.65, OD 35.35, Length 20.40



Pkg. 5

231626 Terminal Switch

Replacing: 053480-7950, 053480-7901,
 053480-7900
 Servicing: 228000-4930, 228000-5020,
 228000-5021, 228000-5022, 228000-5023,
 228000-5340, 228000-5341, 228000-5342,
 228000-5650
 Length 35.45, Shaft measurement M8



231733 Plunger Boot

Replacing: 053665-7090
 Servicing: 128000-2680, 128000-2682,
 128000-3250, 128000-3251, 128000-3260,
 128000-3261, 128000-4030, 128000-4031,
 128000-4180
 ID 11.45, OD 33.00, Length 15.30



231764 Solenoid Cover

Replacing: 053505-7260, 053505-7140,
 053505-7080, 053505-0620
 Servicing: 028000-4540, 028000-5730,
 028000-5900, 028000-5911, 028000-5912,
 028000-6000, 028000-6001, 028000-6300,
 028000-6361



231805 Solenoid Cover

Replacing: 053505-0290
 Servicing: 028000-4800, 028000-5300,
 028000-5301, 028000-5560, 028000-5561,
 028000-5570, 028000-5571, 028000-5651,
 028000-5652



Pkg. 10

233097 Terminal

Servicing: 128000-4910, 128000-7600,
 128000-7601, 128000-7602, 128000-7603,
 128000-7604
 Total length 34.65, Thread length 14.35,
 Thread size M5



Pkg. 10

233374 Plunger

OD 39.60, Length 119.20



Pkg. 10

233375 Plunger

Replacing: 053660-7271, 053660-7270
 Servicing: 228000-5860, 228000-5861,
 228000-5862
 OD 36.50, Length 125.60



233550 Cover

Replacing: 053505-7150
 Servicing: 028000-5530, 028000-5531,
 028000-5532, 028000-5581, 028000-5620,
 028000-6870, 028000-6880, 028000-6890,
 028000-6891



Pkg. 5

331958 Moving Contact

Servicing: 428000-1760, 428000-3370,
 428000-3372
 Length 23.00, Shaft measurement 23.82,
 Thickness 1.26, Width 11.49

NEW PRODUCT
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333023 Terminal Switch

Plug size 6.30, Plug length 8.50,
Terminals 1, Plug type Flat,
Colour Black, Male

Drives



130441 Drive

Replacing: 028300-3351, 028300-1690,
028300-0801, 028300-0800, 028300-0700,
028300-0630, 028300-0611

Servicing: 028000-0197, 028000-1010,
028000-1011, 028000-1013, 028000-1970,
028000-1971, 028000-1972, 028000-1973,
028000-1975

ID 12.50, OD 29.15, OD/ housing 46.25,
Total length 86.00, Splines A 10,
No./ teeth 9, Rotation CR



130442 Drive

Replacing: 028300-7590, 028300-3750,
028300-3710, 028300-3490, 028300-3350,
028300-2240, 028300-1951

Servicing: 028000-0370, 028000-0430,
028000-1370, 028000-1620, 028000-2260,
028000-2261, 028000-2262, 028000-2263,
028000-2360

ID 12.55, OD 29.15, OD/ housing 46.30,
Total length 82.00, Splines A 10,
No./ teeth 9, Drive type Steel,
Rotation CR



131090# Drive

Replacing: 028300-1831, 028300-1830

Servicing: 028000-5200, 028000-5201,
028000-5210, 028000-5400, 028000-5401,
028000-5410, 028000-7110, 028000-7111,
028000-7112

ID 12.65, OD 26.69, OD/ housing 47.32,
Total length 85.86, Splines A 5,
No./ teeth 10, Rotation CR



131110 Drive

Replacing: 028300-5900, 028300-1542,
028300-1540, 028300-1020, 028300-0851

Servicing: 028000-1850, 028000-2150,
028000-2151, 028000-2240, 028000-2241,
028000-3500, 028000-3501, 028000-3800,
028000-3830

ID 12.55, OD 29.10, OD/ housing 46.25,
Total length 64.00, Splines A 10,
No./ teeth 9, Rotation CR



132004 Drive

Replacing: 028300-7120, 028300-6940,
028300-5990, 028300-5350, 028300-5340,
028300-4420, 028300-4300

Servicing: 028000-3641, 028000-3642,
028000-4020, 028000-4243, 028000-4250,
028000-4323, 028000-4340, 028000-4341,
028000-4343

OD 29.00, Total length 102.40,
Splines A 10, No./ teeth 9, Rotation CR



132545 Drive

Replacing: 028300-5810, 028300-1740,
028300-1670, 028300-0831, 028300-0830

Servicing: 028000-2970, 028000-3730,
028000-4790, 028000-4840, 028000-5270,
028000-5350, 028000-5360, 028000-5361,
028000-5371

ID 12.50, OD 29.00, OD/ housing 46.00,
Total length 86.00, Splines A 10,
No./ teeth 9, Rotation ACR



132547 Drive

Replacing: 028300-4320

Servicing: 028000-9470, 028000-9490,
028000-9500, 028000-9501, 128000-3610,
128000-3621, 128000-5650, 128000-9120

ID 12.50, OD 24.50, OD/ housing 46.00,
Total length 82.00, Splines A 10,
No./ teeth 8, Rotation ACR



132634 Drive

Replacing: 028300-1660, 028300-1280,
028300-1230

Servicing: 028000-3290, 028000-3291,
028000-3292, 028000-3650, 028000-3930,
028000-3970, 028000-3971, 028000-5040,
028000-5920

ID 17.00, OD 40.00, OD/ housing 60.00,
Total length 101.85, Splines A 4,
No./ teeth 10, Rotation CR
12 V. 4 kW.



132863 Drive

Replacing: 028300-1842, 028300-1841, 028300-1840

Servicing: 028000-5060, 028000-6440, 028000-7000, 028000-7001, 028000-7002, 028000-7003, 028000-7004, 028000-7351, 028000-7790

OD 32.00, Total length 102.50, Splines A 10, No./ teeth 9, Rotation CR



132864 Drive

Replacing: 028300-6210, 028300-5710, 028300-5490, 028300-2200

Servicing: 028000-6261, 028000-6960, 028000-7740, 028000-8432, 028000-9031, 028000-9032, 128000-0180, 128000-0181, 128000-0940

OD 29.20, Total length 102.30, Splines A 11, No./ teeth 11, Rotation CR



132942 Drive

Replacing: 028300-5091, 028300-5090, 028300-4551, 028300-4550, 028300-3952, 028300-3950, 028300-2070

Servicing: 028000-4800, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5520, 028000-5530, 028000-5531, 028000-5532

OD 40.15, OD/ housing 58.20, Total length 146.60, Splines A 10, No./ teeth 11, Rotation CR
Spring long (19.50x88.40 mm): HC-CARGO 134301.



133441 Drive

Replacing: 028300-4471, 028300-3880

Servicing: 028000-8040, 028000-8041, 028000-9430, 128000-0350, 128000-0351, 128000-0690, 128000-1290, 128000-1291, 128000-1683

ID 12.50, OD 28.00, OD/ housing 46.00, Total length 82.00, Splines A 10, No./ teeth 8, Rotation ACR



133631 Drive

Replacing: 028300-6670, 028300-5180, 028300-4410, 028300-3571, 028300-3570

Servicing: 028000-9361, 128000-0461, 128000-0462, 128000-1070, 128000-1311, 128000-1620, 128000-1621, 128000-2170, 128000-2421

ID 12.50, OD 28.00, OD/ housing 46.00, Total length 82.00, Splines A 10, No./ teeth 8, Rotation CR



133712 Drive

Replacing: 028300-5850, 028300-4390

Servicing: 028000-9900, 028000-9901, 028000-9902, 128000-0600, 128000-2860, 128000-2861, 128000-2862, 228000-3380, 228000-3381

ID 12.55, OD 28.00, OD/ housing 47.00, Total length 59.55, Splines A 10, No./ teeth 8, Rotation CR



133714 Drive

Replacing: 028300-3970

Servicing: 028000-8411, 128000-2950, 128000-5290

ID 12.00, OD 29.90, OD/ housing 47.00, Total length 33.60, No./ teeth 14



133805 Drive

Replacing: 028300-5820, 028300-5040

Servicing: 128000-3090, 128000-3091, 128000-4180, 128000-4270, 128000-6660, 128000-6670, 128000-6671, 128000-6672, 128000-6673

ID 11.00, OD 28.00, OD/ housing 41.00, Total length 53.55, Splines A 5, No./ teeth 8, Rotation CR



134856 Drive

Replacing: 028300-5770, 028300-4330, 028300-3990, 028300-3770

Servicing: 028000-7600, 028000-8570, 028000-8580, 028000-8581, 028000-9510, 028000-9800, 128000-1220, 128000-1230, 128000-2210

OD 29.30, Total length 102.55, Splines A 10, No./ teeth 9, Rotation ACR



135002 Drive

Replacing: 028300-6700, 028300-3810, 028300-3340

Servicing: 028000-6260, 028000-6261, 028000-6570, 028000-8430, 028000-8432, 028000-9030, 028000-9031, 028000-9032, 128000-0181

OD 34.00, Total length 102.55, Splines A 10, No./ teeth 9, Rotation CR


135445 Drive

Replacing: 028300-3460

 Servicing: 028000-7110, 128000-1360,
128000-2640, 128000-2660, 128000-3730,
128000-8660, 128000-8670

 ID 12.60, OD 26.65, OD/ housing 47.00,
Total length 82.00, Splines A 10,
No./ teeth 10, Drive type Steel,
Rotation CR

135651 Drive

Replacing: 028300-5800

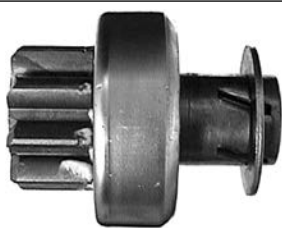
 Servicing: 128000-4030, 128000-4031,
128000-4040, 128000-4050, 128000-4060,
128000-4070, 128000-4130, 128000-4160,
128000-4170

 ID 11.00, OD 28.00, OD/ housing 41.00,
Total length 75.30, Splines A 5,
No./ teeth 8, Rotation ACR

135889 Drive

Replacing: 028300-4200, 028300-4190

 Servicing: 028000-9220, 028000-9221,
028000-9230, 028000-9890, 028000-9940,
128000-1270, 128000-1280, 128000-1530,
128000-1540

 ID 11.00, OD 27.75, OD/ housing 47.00,
Total length 77.50, Splines A 10,
No./ teeth 8, Rotation ACR

136086 Drive

Replacing: 028300-6960, 028300-6070

 Servicing: 128000-2680, 128000-2682,
128000-5210, 128000-5211, 128000-5680,
128000-5681, 128000-5682, 128000-6340,
128000-6341

 ID 11.00, OD 29.00, OD/ housing 43.30,
Total length 53.65, Splines A 5,
No./ teeth 9, Rotation CR
Clutch O.D. 43.50 mm.

136313 Drive

 Replacing: 28011-74011, 028099-8590,
028099-6590, 028099-6011

 Servicing: 128000-3470, 128000-3471,
128000-3472, 128000-3480, 128000-3481,
128000-3482, 128000-5941, 128000-5942,
128000-5950

 OD 40.60, Total length 121.30,
Splines A 10, Splines B 18,
No./ teeth 13, Rotation ACR

136315 Drive

 Replacing: 028300-1812, 028300-1811,
028300-1810

 Servicing: 028000-5000, 028000-7730,
028000-7731, 028000-7732, 128000-6860,
128000-6861

 OD 35.00, Total length 145.75,
Splines A 10, No./ teeth 9, Rotation CR

136445 Drive

Replacing: 028300-5460

 Servicing: 128000-2800, 128000-4450,
128000-4732, 128000-5980

 ID 13.25, OD 27.20, OD/ housing 41.00,
Total length 77.40, Splines A 8,
No./ teeth 8, Rotation ACR

136447 Drive

Replacing: 028099-6580

 Servicing: 128000-7390, 128000-8400,
128000-9710, 128000-9720, 228000-0420,
228000-0820, 228000-0821, 228000-0822,
228000-0823

 OD 40.65, Total length 110.00,
Splines A 10, No./ teeth 13,
Rotation ACR

136744 Drive

Replacing: 028300-7900, 028300-7150

 Servicing: 128000-8310, 128000-8311,
128000-8312, 228000-7130

 OD 29.30, Total length 109.75,
No./ teeth 9, Rotation ACR

136745 Drive

 Replacing: 028300-7910, 028300-7160,
028300-3740, 028300-2120

 Servicing: 028000-6550, 028000-7600,
128000-8320, 128000-8321, 128000-8322,
128000-8323, 228000-7140, 228000-7141

 OD 29.20, Total length 83.20,
Splines A 10, No./ teeth 9, Rotation ACR



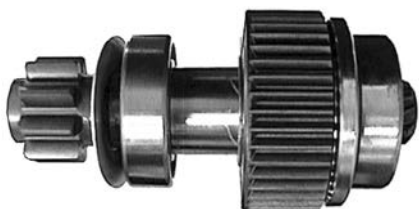
136794 Drive
 Replacing: 028300-5730
 Servicing: 128000-3662, 128000-4530,
 128000-4531, 128000-4532, 228000-6430
 ID 11.00, OD 24.70,
 OD/ housing 41.25, Total length 75.55,
 Splines A 5, No./ teeth 8, Rotation ACR



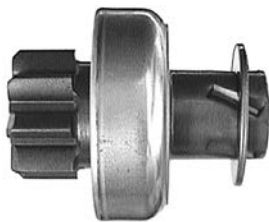
136795 Drive
 Replacing: 028300-8020, 028300-4091,
 028300-4000
 Servicing: 028000-8370, 028000-8371, 028000-
 8440, 128000-5760, 228000-0380, 228000-0381,
 228000-0390, 228000-0391, 228000-0450
 OD 35.35, Total length 102.60,
 Splines A 10, No./ teeth 9, Rotation CR



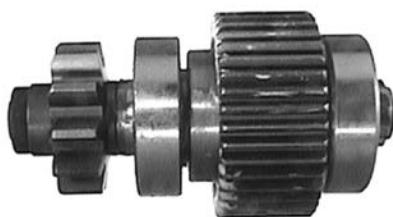
136796 Drive
 Replacing: 028300-4082, 028300-4081,
 028300-4011, 028300-1970
 Servicing: 028000-6060, 028000-6061, 028000-
 6062, 028000-8451, 028000-8611, 028000-8612,
 028000-8980, 128000-0550, 128000-0551
 OD 37.80, OD/ housing 53.80,
 Total length 102.00, Splines A 10,
 No./ teeth 10, Rotation CR



136797 Drive
 Replacing: 028300-5680
 Servicing: 128000-3380, 128000-3381,
 128000-3420
 OD 29.25, Total length 112.25,
 Splines A 10, No./ teeth 9, Rotation ACR



136899 Drive
 Replacing: 028300-6710
 Servicing: 128000-6420, 128000-6421,
 128000-6422, 228000-5710
 ID 11.00, OD 27.50,
 OD/ housing 44.00, Total length 53.35,
 Splines A 5, No./ teeth 8, Rotation CR



137293 Drive
 Replacing: 028099-2700
 Servicing: 028000-7370, 028000-7372,
 028000-7373, 028000-7660, 028000-7661,
 028000-7662, 028000-8760, 028000-8761,
 028000-8762
 OD 40.00, Total length 102.00,
 Splines A 10, No./ teeth 11, Rotation CR
 Alternative no.: 137293z



137293Z Drive
 Replacing: 028099-2700
 OD 39.70, OD/ housing 53.60,
 Total length 102.00, Shaft length 102.00,
 Splines A 10, No./ teeth 11,
 Drive type Steel, Rotation CR
 Alternative no.: 137293



137647 Drive
 Replacing: 028300-6930
 Servicing: 128000-7190, 128000-7191
 OD 29.20, Total length 121.20,
 Splines A 10, No./ teeth 9, Rotation ACR



137751 Drive
 Replacing: 028300-6680
 Servicing: 128000-6210, 128000-6211, 128000-
 6212, 128000-9220, 128000-9470, 228000-1550,
 228000-5480, 228000-5481, 228000-6620
 ID 11.00, OD 28.00, OD/ housing 43.45,
 Total length 53.50, Splines A 5,
 No./ teeth 8, Rotation CR



137753 Drive
 Replacing: 028300-8350, 028300-7990,
 028300-7980, 028300-7170, 028300-6990
 Servicing: 128000-7002, 128000-7010, 128000-
 7122, 128000-7560, 128000-7561, 128000-7562,
 128000-7712, 128000-7713, 128000-7714
 OD 29.00, Total length 83.00,
 Splines A 10, No./ teeth 9, Rotation CR
 Alternative no.: 137753z



137753Z Drive
 Replacing: 028300-8350, 028300-7990,
 028300-7980, 028300-7170, 028300-6990
 OD 29.10, OD/ housing 53.50,
 Total length 83.00, Shaft length 83.00,
 Splines A 10, No./ teeth 9,
 Drive type Steel, Rotation CR
 Alternative no.: 137753



137950 Drive
 Replacing: 028300-6860
 Servicing: 128000-7140, 128000-7500,
 128000-8030, 128000-9380, 228000-8430,
 228000-8431, 228000-8432
 OD 29.35, Total length 83.15,
 Splines A 10, No./ teeth 11, Rotation CR


137952 Drive

Replacing: 028300-7720

Servicing: 228000-0470, 228000-0471, 228000-0472, 228000-0473, 228000-7640, 228000-7641, 228000-9680

OD 28.00, Total length 83.20, Splines A 10, No./ teeth 10, Rotation CR


138137 Drive

Replacing: 028300-3590, 028300-1390, 028300-1389, 028300-1388, 028300-1387, 028300-1386, 028300-1385

Servicing: 028000-3611, 028000-7480, 028000-7481

ID 12.40, OD 34.15, OD/ housing 46.00, Total length 82.20, Splines A 10, No./ teeth 9, Rotation CR


138566 Drive

 Replacing: 028300-7802, 028300-5671, 028300-5670, 028300-5651, 028300-5650, 028300-2040
 Servicing: 028000-5880, 128000-2740, 128000-3120, 128000-4220, 128000-4910, 228000-2290, 228000-2670, 228000-3310, 228000-3320

OD 39.50, OD/ housing 59.00, Total length 146.00, Splines A 10, No./ teeth 13, Drive type Steel, Rotation CR


138567 Drive

Replacing: 128099-5160, 053400-4731

Servicing: 028000-6460, 028000-6462, 028000-6463, 128000-8620, 128000-8621, 228000-1600, 228000-1601, 228000-1610, 228000-1611

OD 45.00, Total length 146.00, Splines A 10, No./ teeth 12, Rotation CR


138568 Drive

Replacing: 028300-5760

Servicing: 128000-1180, 128000-1181

OD 34.25, Total length 101.80, Splines A 10, No./ teeth 11, Rotation ACR


138956 Drive

Replacing: 028300-6880

Servicing: 128000-7110

ID 11.00, OD 35.50, OD/ housing 41.45, Total length 75.50, Splines A 5, No./ teeth 11, Rotation ACR


139037 Drive

Replacing: 028099-6230, 028099-2601, 028099-2600

Servicing: 028000-6250, 028000-7830, 128000-0071, 128000-0140, 128000-0141, 128000-1161, 128000-1470, 128000-2160, 128000-2161

OD 41.50, Total length 102.45, Splines A 10, No./ teeth 11, Rotation CR


139083 Drive

Replacing: 028300-7711, 028300-7710, 028300-6000

Servicing: 128000-4860, 128000-4861, 128000-4863, 228000-4550

ID 12.00, OD 29.00, OD/ housing 46.30, Total length 33.50, Splines A 6, No./ teeth 9, Rotation ACR


139244 Drive

Replacing: 028300-7760, 028300-7270

Servicing: 128000-7810, 228000-1560, 228000-3390, 228000-7420

OD 33.00, Total length 83.40, Splines A 10, No./ teeth 10, Rotation CR


139653 Drive

Replacing: 028300-8150, 028300-7790, 028300-7700

Servicing: 128000-9860, 128000-9870, 128000-9871, 128000-9872, 128000-9880, 128000-9890, 228000-1900, 228000-2120, 228000-2121

OD 37.50, Total length 83.20, Splines A 10, No./ teeth 10, Rotation CR


139845 Drive

Replacing: 028300-7920

Servicing: 228000-1020, 228000-1021, 228000-1022, 228000-1030, 228000-1080

OD 33.95, Total length 83.00, Splines A 10, No./ teeth 9, Rotation CR


230053 Drive

Replacing: 028300-6790

Servicing: 128000-6230, 128000-6240, 128000-6750

ID 12.40, OD 29.15, OD/ housing 47.50, Total length 82.35, Splines A 5, No./ teeth 9, Rotation CR



230856 Drive

Replacing: 028300-7940

Servicing: 228000-0990, 228000-0991, 228000-1060, 228000-1530, 228000-1531, 228000-7520, 228000-7800, 228000-7801

OD 29.40, Total length 83.20, No./ teeth 9, Rotation CR



233398 Drive

Replacing: 028300-7530, 028300-6840

Servicing: 128000-5330, 128000-5331, 128000-5970, 128000-7020, 128000-7170, 128000-7172, 128000-7174, 128000-7230, 128000-7250

ID 17.00, OD 40.00, OD/ housing 60.00, Total length 104.40, Splines A 18, No./ teeth 10, Rotation CR



233451 Drive

Replacing: 028300-6692, 028300-6691, 028300-6690, 028300-5450, 028300-3691, 028300-3690

Servicing: 028000-6780, 128000-2560, 128000-5370, 128000-5730, 128000-5731, 128000-5732, 128000-8290, 228000-0630, 228000-1350

OD 40.00, Total length 147.00, Splines A 10, No./ teeth 10, Rotation CR



233456 Drive

Replacing: 028300-8100, 028300-7860, 028300-7680, 028300-7610

Servicing: 128000-9700, 128000-9701, 228000-0810, 228000-2050, 228000-2051, 228000-2260, 228000-2261, 228000-3990, 228000-3991

OD 29.00, Total length 82.90, Splines A 10, No./ teeth 9, Rotation CR



233457# Drive

Servicing: 228000-0220

OD 29.00, Total length 109.15, Splines A 10, No./ teeth 9, Rotation CR



233641 Drive

Replacing: 028300-8011

Servicing: 228000-1770, 228000-1771, 228000-1772, 228000-4930, 228000-5220, 228000-5340, 228000-5341, 228000-5342, 228000-5650

OD 39.85, Total length 146.50, Splines A 10, No./ teeth 11, Rotation CR



233642 Drive

Servicing: 228000-3980, 228000-3981, 228000-4960, 228000-4961

OD 34.40, Total length 83.25, Splines A 10, No./ teeth 11, Rotation ACR



233892 Drive

Replacing: 028300-8550

Servicing: 228000-5040

OD 29.00, Total length 109.50, Splines A 10, No./ teeth 9, Rotation CR



234230 Drive

Replacing: 028300-5720

Servicing: 128000-3540, 128000-5500, 128000-7050, 128000-9360, 228000-2210, 228000-9180

ID 11.10, OD 29.00, OD/ housing 41.00, Total length 53.65, Splines A 5, No./ teeth 9, Rotation ACR



234269 Drive

Replacing: 028300-5929, 028300-5200

Servicing: 128000-1670, 128000-1671

ID 12.00, OD 29.00, OD/ housing 47.00, Total length 33.40, Splines A 6, No./ teeth 9, Rotation CR



234402 Drive

Replacing: 028300-5400

Servicing: 128000-2610, 128000-2611, 128000-3530, 128000-3531, 128000-4561, 128000-9980, 228000-4620

ID 11.00, OD 29.15, OD/ housing 41.00, Total length 53.50, Splines A 5, No./ teeth 9, Rotation CR



234720 Drive

Replacing: 028300-7661, 028300-7660

Servicing: 128000-9970, 128000-9971

OD 38.10, Total length 146.90, Splines A 10, No./ teeth 11, Rotation CR


234813 Drive

Replacing: 028300-8970
 Servicing: 228000-7210, 228000-8970
 ID 11.00, OD 29.00, Total length 64.55,
 Shaft length 44.10, Splines A 5,
 No./ teeth 10, Rotation ACR


234911 Drive

Replacing: 128099-5350
 Servicing: 228000-5860, 228000-5861,
 228000-5862
 OD 40.75, Total length 109.00,
 No./ teeth 10, Rotation CR


234970 Drive

Replacing: 028300-6010
 Servicing: 128000-1870, 128000-4870,
 128000-7480, 228000-0120, 228000-2640,
 228000-7990, 228000-9261, 280000-2640,
 280000-7190
 ID 13.00, OD 28.85, OD/ housing 40.75,
 Total length 75.00, Splines A 5,
 No./ teeth 9, Rotation ACR


235101 Drive

Servicing: 228000-7220
 OD 35.45, Total length 83.00,
 Splines A 10, No./ teeth 9, Rotation CR


235497 Drive

Replacing: 028300-8160
 Servicing: 228000-2550
 ID 13.48, OD/ housing 53.62,
 Total length 82.93, Shaft length 82.93,
 Splines A 18, Splines B 40


237379 Drive

Servicing: 428000-0670, 428000-0680,
 428000-1750, 428000-1760, 428000-3370,
 428000-3372, 428000-4550
 ID 11.00, OD 28.80, OD/ housing 44.76,
 Total length 43.25, Splines A 10,
 No./ teeth 9, Rotation CR


237880 Drive

Servicing: 428000-1620
 ID 12.10, OD 32.50, Total length 50.50,
 Splines A 10, No./ teeth 12, Rotation CR


237990 Drive

Servicing: 428000-0720
 ID 12.00, OD 35.50,
 OD/ housing 47.00, Total length 50.50,
 Splines A 10, No./ teeth 9, Rotation CR


330651 Drive

Servicing: 428000-3180, 428000-4920
 ID 12.00, OD 38.85, OD/ housing 49.60,
 Total length 50.60, Splines A 10,
 No./ teeth 11, Drive type Steel,
 Rotation CR

Drive Parts
Caps

Pkg. 25


134204 Dp Cap

ID 42.65, OD 44.60

Pkg. 25


134206 Dp Cap

ID 43.80, OD 45.55

Rollers

Pkg. 500


134213 Roller

OD 5.00, Length 8.00



Pkg. 500

134248 Dp Rollers

OD 7.65, Length 12.95



Pkg. 500

134249 Dp Rollers

OD 7.80, Length 12.95



Pkg. 100

134922 Dp Rollers

OD 7.00, Length 11.65

Springs

Pkg. 10



132550 Spring

Replacing: 949170-4040

Servicing: 028000-4800, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5530, 028000-5531, 028000-5532, 028000-5541

OD 19.45, Length 90.60
2.5 kW.

Pkg. 1000



134268 Dp Springs

OD 7.15, Length 13.15



Pkg. 500

134269 Dp Springs

OD 5.65, Length 21.25



Pkg. 10

134301 Spring

Servicing: 028300-2011, 028300-4550

OD 19.50, Length 88.40

Pkg. 5



135344 Spring

Replacing: 949170-4260

Servicing: 028000-3641, 028000-3642, 028000-4323, 028000-4343, 028000-4450, 028000-4540, 028000-4940, 028000-5060, 028000-5730

OD 16.10, Length 60.75

Pkg. 100



135362 Dp Springs

Length 14.15

Pkg. 5



137858 Spring

Replacing: 949170-3371, 128953-0050

Servicing: 028000-6280, 128000-1151, 128000-2070, 128000-3111, 128000-3410, 128000-3471, 128000-3472, 128000-3481, 128000-3482

OD 16.15, Length 11.00



Pkg. 5

137859 Pinion Spring

Replacing: 949170-4030

Servicing: 128000-8620, 128000-8621, 228000-1600, 228000-1601, 228000-1610, 228000-1611, 428000-0290, 428000-1370, 428000-3110

OD 16.60, Length 16.45

Pkg. 5



138609 Spring

Replacing: 028326-5030

Servicing: 128000-7002, 128000-7122, 128000-7390, 128000-7713, 128000-7714, 128000-8210, 128000-8310, 128000-8311, 128000-8312

OD 16.10, Length 60.50

Pinion

Pkg. 10



132043 Pinion

Replacing: 028099-5580, 028099-3090, 028099-3080

Servicing: 028000-3641, 028000-3642, 028000-4020, 028000-4243, 028000-4250, 028000-4323, 028000-4340, 028000-4341, 028000-4343

ID 11.15, OD 29.15, Height 25.20, Splines 18, No./ teeth 9

Pkg. 5



132044 Pinion

Replacing: 028099-3400

Servicing: 028000-5060, 028000-6440, 028000-7000, 028000-7001, 028000-7002, 028000-7003, 028000-7351, 028000-7790, 028000-7791

ID 11.75, OD 32.20, Height 23.35, Splines 18, No./ teeth 9

Pkg. 5


132405 Pinion

Replacing: 028099-5460, 028099-3310
Servicing: 028000-4800, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5520, 028000-5530, 028000-5531, 028000-5532
ID 16.90, OD 40.00, Height 36.00, Splines 16, No./ teeth 11


132566 Pinion

Replacing: 028371-2240, 028099-3930
Servicing: 028000-7370, 028000-7372, 028000-7373, 028000-7660, 028000-7661, 028000-7662, 028000-8760, 028000-8761, 028000-8762
ID 17.00, OD 40.00, Height 23.55, Splines 18, No./ teeth 11


132865 Pinion

Replacing: 028099-3290, 028099-3230
Servicing: 028000-5880, 028000-7800, 028000-7801, 028000-7802, 128000-0210, 128000-0540, 128000-2270, 128000-2480, 128000-3120
ID 16.90, OD 39.60, Height 36.00, Splines 16, No./ teeth 13


132866 Pinion

Replacing: 028371-5390, 028099-6300, 028099-6260
Servicing: 128000-4950, 128000-5430, 128000-9380, 428000-0090
ID 11.80, OD 28.90, Height 25.00, Splines 18, No./ teeth 11


132867 Pinion

Replacing: 028099-5610, 028099-4000
Servicing: 028000-8230, 028000-8390, 028000-8610, 028000-8611, 028000-8612, 128000-0550, 128000-0551, 128000-1050, 128000-1770
OD 40.00, Height 23.50, Splines 18, No./ teeth 10


132950 Pinion

Replacing: 028099-5560
Servicing: 028000-5730, 028000-5800, 128000-0111, 128000-0710, 128000-0720, 128000-2070, 128000-7300, 228000-0110, 228000-0111
ID 11.65, OD 44.00, Height 23.60, Splines 18, No./ teeth 15

Pkg. 10


133353 Pinion

Replacing: 128099-5360, 028099-3270
Servicing: 028000-6780, 128000-1060, 128000-1780, 128000-2250, 128000-2560, 128000-3030, 128000-4090, 128000-4970, 128000-5370
ID 15.55, OD 39.80, Height 36.15, Splines 16, No./ teeth 10


133354 Pinion

Replacing: 028099-6200
Servicing: 028000-8400
ID 18.25, OD 34.00, Height 40.00, Splines 16, No./ teeth 11


133355 Pinion

Replacing: 028099-3210
Servicing: 028000-5000, 028000-7730, 028000-7731, 028000-7732, 128000-3361, 128000-6860, 128000-6861
ID 14.40, OD 34.90, Height 36.00, Splines 16, No./ teeth 9


133356 Pinion

Replacing: 028371-6190, 028371-1980, 028099-6550, 028099-5590
Servicing: 028000-6250, 028000-7420, 028000-7830, 128000-0071, 128000-0140, 128000-1161, 128000-1470, 128000-2160, 128000-2161
ID 17.00, OD 41.70, Height 23.50, Splines 18, No./ teeth 11


135003 Pinion

Replacing: 028300-5741, 028300-5740, 028099-3380
Servicing: 028000-6260, 028000-6261, 028000-6570, 028000-7740, 028000-8432, 028000-9031, 028000-9032, 128000-0181, 128000-0940
ID 11.20, OD 34.00, Height 23.50, Splines 18, No./ teeth 9


135310 Pinion

Replacing: 028099-3940, 028099-3110
Servicing: ACR, 028000-8570, 028000-8580, 028000-8581, 028000-9510, 028000-9800, 128000-1220, 128000-1230, 128000-2210
ID 11.85, OD 29.20, Height 23.65, Splines 18, No./ teeth 9



135570 Pinion

Replacing: 028371-6960, 028371-6780, 028371-6490, 028371-5653

Servicing: ACR, 128000-3470, 128000-3471, 128000-3472, 128000-3480, 128000-3481, 128000-3482, 128000-5940, 128000-5941

ID 11.85, OD 41.00, Height 23.50, Splines 18, No./ teeth 13



135830 Pinion

Replacing: 028099-3900

Servicing: 028000-8370, 028000-8371, 128000-5760, 228000-0381, 228000-0391, 228000-0450, 228000-1920, 228000-1930, 228000-3000

ID 17.10, OD 35.35, Height 23.60, Splines 18, No./ teeth 9



136621 Pinion

Replacing: 028099-7530

Servicing: ACR, 128000-3380, 128000-3381
ID 11.15, OD 29.25, Height 25.55, Splines 18, No./ teeth 9



138123 Pinion

Servicing: 228000-0360, 228000-0470, 228000-0471, 228000-0472, 228000-0473, 228000-4970, 228000-4971, 228000-4972

ID 11.20, OD 27.45, Height 24.80, Splines 18, No./ teeth 10



138124 Pinion

Replacing: 028099-7560

Servicing: CR/ACR, 128000-2830, 128000-4750, 128000-6930, 128000-6940, 128000-7460, 228000-2050, 228000-2051, 228000-2260

ID 13.20, OD 29.50, Height 23.50, Splines 18, No./ teeth 9



138575 Pinion

Replacing: 128099-5400, 028371-6640

Servicing: 128000-8620, 128000-8621, 228000-1600, 228000-1601, 228000-1610, 228000-1611, 228000-2030, 228000-2031, 228000-5980

ID 16.90, OD 44.90, Height 36.00, Splines 16, No./ teeth 12



138577 Pinion

Servicing: 128000-1180, 128000-1181

ID 11.65, OD 34.40, Height 23.40, Splines 18, No./ teeth 11



139147 Pinion

Replacing: 028371-7060, 028371-5730, 028099-3910

Servicing: 028000-8451, 028000-8980, 128000-0930, 128000-5350, 128000-9550, 128000-9560, 128000-9860, 128000-9870, 128000-9871

ID 11.60, OD 37.65, Height 23.55, Splines 18, No./ teeth 10



139606 Pinion

Replacing: 028371-5030

Servicing: 128000-1151, 228000-1800
ID 11.70, OD 33.35, Height 23.55, Splines 18, No./ teeth 11



139654 Pinion

Replacing: 028371-7590, 028371-6980, 028099-7590, 028099-6310

Servicing: 128000-7810, 228000-1560, 228000-3260, 228000-3390, 228000-7420

ID 12.00, OD 33.00, Height 25.20, Splines 18, No./ teeth 10

Pkg. 5



233452 Pinion

Servicing: 228000-5641, 228000-5720, 228000-5721, 228000-5722, 228000-5723, 228000-7550

ID 16.90, OD 40.30, Height 36.00, Splines 16, No./ teeth 10



234708 Pinion

Replacing: 128099-5250

Servicing: 128000-9960, 128000-9961, 128000-9970, 128000-9971, 228000-0190, 228000-0191

ID 16.90, OD 38.50, Height 36.00, Splines 16, No./ teeth 11



235345 Pinion

Replacing: 028099-5741, 028099-5740
 Servicing: 028000-6240, 128000-0170, 128000-6640, 228000-1020, 228000-1030, 228000-1080
 ID 13.20, OD 34.20, Height 23.50, Splines 18, No./ teeth 9

Drive Shafts



134807 Gear Shaft

Replacing: 028381-0040
 Servicing: 028000-3641, 028000-3642, 028000-4323, 028000-4343, 028000-4450, 028000-4540, 028000-4940, 028000-5060, 028000-5730
 Total length 102.50, No./ splines 18



137864 Gear Shaft

Replacing: 028381-5150, 028381-5140
 Servicing: 128000-7002, 128000-7122, 128000-7140, 128000-7390, 128000-7500, 128000-7713, 128000-7714, 128000-8030, 128000-8210
 Total length 83.20, No./ splines 18



138576 Gear Shaft

Replacing: 028381-0071
 Servicing: 028000-4800, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5530, 028000-5531, 028000-5532, 028000-5541
 Total length 146.80, No./ splines 10

Dp Caps

Pkg. 10



233382 Dp Cap

ID 40.25, OD 41.20

Planet Gears

Gear Parts

Outer Gear

Pkg. 5



136085 Outer Gear

Replacing: 028635-5010
 Servicing: 128000-2682, 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6212, 128000-6340, 128000-6341
 ID 40.20, OD 63.00, Height 23.40

Gear Wheels



136887 Gear Wheel

Replacing: 028371-6510, 028371-2360
 Servicing: 028000-5730, 028000-6260, 028000-7700, 028000-8980, 028000-9270, 028000-9320, 028000-9321, 028000-9380, 028000-9510
 ID 8.85, OD 18.70, Height 13.85, Splines 19, No./ teeth 12



137979 Gear Wheel

Replacing: 028630-5010
 Servicing: 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6212, 128000-6340, 128000-6341, 128000-6420
 ID 6.00, OD 21.55, Height 7.40, No./ teeth 15



138569 Gear Wheel

Replacing: 028371-1500
 Servicing: 028000-4800, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5530, 028000-5531, 028000-5532, 028000-5541
 ID 30.00, OD 49.50, Height 17.40, No./ teeth 31



138570 Gear Wheel

Replacing: 028371-3251, 028371-1420, 028371-1220
 Servicing: 028000-3641, 028000-3642, 028000-4323, 028000-4343, 028000-4450, 028000-4512, 028000-4540, 028000-4940, 028000-4990
 ID 21.95, OD 34.90, Height 13.80, No./ teeth 26

Pkg. 10



139455# Gear Wheel

Replacing: 028371-1410, 028371-1210
 Servicing: 028000-3641, 028000-3642, 028000-4323, 028000-4343, 028000-4450, 028000-4940, 028000-4990, 028000-5060, 028000-5190
 ID 9.30, OD 20.85, Height 13.80, Splines 19, No./ teeth 14



231803 Gear Wheel

Replacing: 028371-7190, 028371-6620, 028371-6380

Servicing: 128000-7002, 128000-7010, 128000-7122, 128000-7140, 128000-7390, 128000-7500, 128000-7560, 128000-7561, 128000-7562

ID 22.00, OD 35.55, Height 11.85, No./ teeth 26



233546 Gear Wheel

Replacing: 028371-5010

Servicing: 128000-0830, 128000-0831, 128000-0832, 128000-0833, 128000-5350, 128000-5760, 128000-9560, 228000-0200, 228000-0390

ID 21.90, OD 37.35, Height 13.85, No./ teeth 27



235140 Gear Wheel

Replacing: 028371-3200

Servicing: 128000-2450, 128000-2470, 128000-2560, 128000-2740, 128000-3361, 128000-4250, 128000-4682, 128000-4683, 128000-4684

ID 13.19, OD 24.67, Height 17.91, Splines 18, No./ teeth 13



235211 Gear Wheel

Replacing: 028371-3210

Servicing: 128000-2450, 128000-2470, 128000-2560, 128000-2740, 128000-3361, 128000-4250, 128000-4682, 128000-4683, 128000-4684

ID 30.22, OD 50.60, Height 17.30, No./ teeth 31

Pkg. 10



237012 Pinion

Replacing: 028371-7070

Servicing: 028000-6550, 028000-7600, 028000-8570, 028000-8580, 028000-8581, 128000-1220, 128000-1230, 128000-2210, 128000-2830

OD 21.60, Height 14.00, Splines 21, No./ teeth 14

Various

Pkg. 10



132885 Roller

Replacing: 028306-0070

Servicing: 028000-4800, 028000-5300, 028000-5510, 028000-5530, 028000-5541, 028000-5570, 028000-5581, 028000-5620, 028000-5651

OD 7.65, Length 12.90
Plastic cage: HC-CARGO 135474.

Pkg. 5



132895 Roller Housing

Replacing: 028063-0040, 028063-0011

Servicing: 028000-6962, 028000-7351, 028000-8430, 028000-9030, 028000-9711, 128000-0140, 128000-2130, 128000-2210, 128000-5750

ID 11.48, OD 21.00, Height 11.12
Roller: HC-CARGO 132896.

Pkg. 10



132896 Roller

Replacing: 028306-0061

Servicing: 028000-3641, 028000-3642, 028000-4323, 028000-4340, 028000-4341, 028000-4343, 028000-4450, 028000-4512, 028000-4540

OD 6.00, Length 9.50
Plastic cage: HC-CARGO 132895.



135474 Roller Housing

Replacing: 028063-0030

Servicing: 028000-4800, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5530, 028000-5531, 028000-5532, 028000-5541

OD 28.70
Roller: HC-CARGO 132885.

Pkg. 10



137365 Washer

ID 11.55, OD 15.00, Thickness 3.08, Material Steel

Pkg. 10



138148 Washer

Replacing: 028327-0171, 028327-0170
Servicing: 028000-4800, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5530, 028000-5531, 028000-5532, 028000-5541
ID 15.25, OD 39.80, Thickness 0.55, Material Steel



139829# Gear Housing

Replacing: 028410-5040, 028410-5010
 Servicing: 128000-3530, 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6212, 128000-6340, 128000-6341
 ID 15.00, OD 68.00



142067 Bushing

ID 18.06, OD 20.98, Length 8.97



230058 Washer

Replacing: 949013-8090
 Servicing: 028000-5910, 028000-5911, 028000-8440, 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6212
 ID 7.75, OD 17.80, Thickness 0.60,
 Material Steel



230059 Washer

Replacing: 949013-8100
 Servicing: 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6212, 128000-6340, 128000-6341, 128000-6420
 ID 15.15, OD 26.00, Thickness 0.40,
 Material Steel



233690 Washer

Replacing: 949013-8110
 Servicing: 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6212, 128000-6340, 128000-6341, 128000-6420
 ID 15.20, OD 25.90, Thickness 1.80,
 Material Metal



234977 Roller Housing

Servicing: 228000-4980, 228000-4981, 228000-4982
 ID 10.90, OD 20.65, Height 13.00

Levers



133812 Lever

Replacing: 028740-5010
 Servicing: 128000-2520, 128000-2631, 128000-2682, 128000-2800, 128000-2820, 128000-3090, 128000-3091, 128000-3250, 128000-3251
 Dist. 20.45, Length 75.00



139051 Lever

Replacing: 028740-5060
 Servicing: 128000-2611, 128000-2621, 128000-2800, 128000-2980, 128000-4020, 128000-4040, 128000-4050, 128000-4060, 128000-4070
 Dist. 20.30, Length 75.30



139052 Lever

Replacing: 028740-0490
 Servicing: 028000-4630, 028000-4631, 028000-5330, 028000-5331, 028000-5332, 028000-5333, 028000-5334, 028000-5335, 028000-6380
 Dist. 24.75, Length 82.20



139271# Lever

Replacing: 028740-0281, 028740-0280
 Servicing: 028000-0197, 028000-0370, 028000-0430, 028000-1010, 028000-1011, 028000-1370, 028000-1850, 028000-1970, 028000-1971
 Dist. 24.00, ID 6.00, Length 87.40



139492 Lever

Replacing: 028740-5150
 Servicing: 128000-2680, 128000-2682, 128000-5680, 128000-5681, 128000-5682, 128000-6210, 128000-6211, 128000-6212, 128000-6420
 Dist. 20.35, Length 72.90



139883 Lever

Replacing: 028740-0540
 Servicing: 028000-7651, 028000-8010, 028000-8160, 028000-8690, 028000-8700, 028000-8770, 028000-9090, 028000-9091, 028000-9100
 Dist. 24.70, ID 4.55, Length 83.80



139884 Lever

Replacing: 028740-5140

Servicing: 128000-4230, 128000-5210, 128000-5211, 128000-6340, 128000-6341, 128000-6720, 128000-6721, 128000-7620, 128000-8870

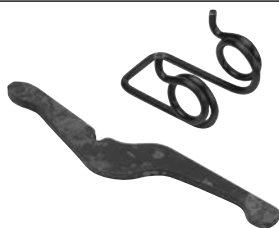
Dist. 20.40, Length 72.50



235253 Lever Kit

Servicing: 228000-9540

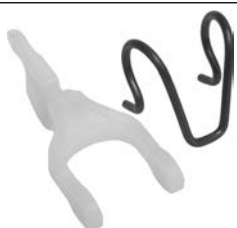
Dist. 18.71, ID 7.02, Length 74.39



235313 Lever

Replacing: 23322-6t000

Length 109.16



235371 Lever

Replacing: 23322-77A04

Dist. 24.16, Length 82.40

Clutches



134806 Clutch

Replacing: 028300-7000, 028300-6850, 028300-5300, 028300-2222, 028300-2220, 028300-2081, 028099-5730

Servicing: 028000-3641, 028000-3642, 028000-4323, 028000-4343, 028000-4450, 028000-4540, 028000-4940, 028000-5060, 028000-5730

Total length 64.00, Splines A 10



134806Z Clutch

Replacing: 028300-7000, 028300-6850, 028300-5300, 028300-2222, 028300-2220, 028300-2081, 028099-5730

Total length 64.00, Splines A 10



138155 Clutch

Replacing: 028099-3150

Servicing: 028000-7600, 028000-9800, 128000-1220, 128000-1230, 128000-1790, 128000-2210, 128000-2830, 128000-4610, 128000-7200

Total length 64.00, Rotation ACR



138681 Clutch

Replacing: 028300-5381, 028300-5380, 028300-1971

Servicing: 028000-4800, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5530, 028000-5531, 028000-5532, 028000-5541

OD 47.00, Total length 92.00, No./ teeth 35, Drive type Steel, Rotation CR



138804 Clutch

Replacing: 028300-5701

Servicing: 128000-3471, 128000-3472, 128000-3481, 128000-3482, 128000-5941, 128000-5942, 128000-5951, 128000-5952, 128000-7190

Total length 92.00, Rotation ACR



139084# Clutch

Servicing: 128000-6870

Total length 74.00



139840 Clutch

Replacing: 028301-0020

Servicing: 128000-7390, 128000-8310, 128000-8311, 128000-8312, 128000-8400, 128000-9710, 128000-9720, 228000-0420, 228000-0820

Total length 80.50, Rotation ACR



230254 Clutch

Replacing: 028301-0030

Servicing: 128000-8320, 128000-8321, 128000-8322, 128000-8323, 128000-8480, 228000-0230, 228000-0231, 228000-7140, 228000-7141

Total length 52.00, Rotation ACR


230857 Clutch

Replacing: 028301-0500, 028301-0220, 028301-0190, 028301-0080

Servicing: 128000-6210, 128000-6211, 128000-7002, 128000-7122, 128000-7560, 128000-8210, 128000-8220, 128000-8260, 128000-8784

Total length 52.00


231944# Clutch

Replacing: 028301-0060

Servicing: 228000-0220, 228000-1800, 228000-3400, 228000-5090

ID 29.50, Total length 80.50


233180 Clutch

Replacing: 028300-6751, 028300-6750, 028300-4170

Servicing: 028000-5651, 028000-5652, 028000-5880, 028000-6010, 028000-6012, 028000-6013, 028000-6020, 028000-6021, 028000-6022

ID 16.50, Total length 92.00, Splines 35, Rotation ACR


234719 Clutch

Servicing: 128000-8110, 128000-8111, 128000-8380

Total length 56.50

Brush Gears

132559 Brush Gear

Replacing: 028510-0560

Servicing: 028000-3730, 028000-5330, 028000-5331, 028000-5332, 028000-5333, 028000-5334, 028000-5335, 028000-6380, 028000-6381

12 V, OD 59.75


132871 Brush Gear

Replacing: 028510-0441

Servicing: 028000-3641, 028000-3642, 028000-4000, 028000-4020, 028000-4200, 028000-4243, 028000-4250, 028000-4323, 028000-4340

12 V, OD 71.45

Neg. brushes. Brush set: HC-CARGO 140362.


132872 Brush Gear

Replacing: 028510-5320, 028510-0750

Servicing: 028000-5730, 028000-5800, 028000-7700, 028000-8980, 028000-9270, 028000-9320, 028000-9321, 028000-9380, 028000-9860

12 V, OD 58.90


132873 Brush Gear

Replacing: 028510-5500, 028510-0840, 028510-0640

Servicing: 028000-7000, 028000-7001, 028000-7002, 028000-7003, 028000-7004, 028000-7370, 028000-7372, 028000-7373, 028000-7660

12 V, OD 74.70

Neg. brushes. Brush set: HC-CARGO 140364.


132874 Brush Gear

Replacing: 028510-5390, 028510-0500

Servicing: 028000-4800, 028000-5000, 028000-5300, 028000-5301, 028000-5490, 028000-5510, 028000-5511, 028000-5530, 028000-5531

12/24 V, OD 77.65

Neg. brushes. Brush set: HC-CARGO 140361.


133337 Brush Gear

Replacing: 028500-0551, 028500-0550

Servicing: 028000-3290, 028000-3291, 028000-3292, 028000-3650, 028000-3930, 028000-3970, 028000-4870, 028000-4930, 028000-5040

12 V, OD 121.00

Brush set: HC-CARGO 140393.


133660 Brush Gear

Replacing: 028510-0580

Servicing: 028000-7600, 028000-8580, 028000-8581, 128000-1220, 128000-3380, 128000-3381, 128000-3470, 128000-3471, 128000-3472

12 V, OD 63.30

Neg. brushes. Brush set: HC-CARGO 140362.


133661 Brush Gear

Replacing: 028510-5310, 028510-0661, 028510-0660, 028510-0480, 028510-0460

Servicing: 028000-4540, 028000-4550, 028000-5900, 028000-5910, 028000-5911, 028000-5912, 028000-6000, 028000-6001, 028000-6030

12 V, OD 63.25

Neg. brushes. Brush set: HC-CARGO 140362.



133709 Brush Gear

Replacing: 028512-5040

Servicing: 128000-2240, 128000-2241, 128000-2750, 128000-3390, 128000-3400, 128000-3780, 128000-9400

12 V, OD 51.20

Brush: HC-CARGO 140570. Brush spring: HC-CARGO 133710.



133715 Brush Gear

Replacing: 028510-5270, 028510-0632

Servicing: 028000-8411, 028000-9133, 028000-9872, 028000-9880, 028000-9882, 028000-9883, 128000-0080, 128000-1190, 128000-1431

12 V, OD 62.85

Neg. brushes. Brush set: HC-CARGO 140566.



133808 Brush Gear

Replacing: 028514-5020

Servicing: 128000-2520, 128000-2611, 128000-2621, 128000-2631, 128000-2800, 128000-2820, 128000-2980, 128000-3090, 128000-3091

12 V, OD 68.80

Brush springs: HC-CARGO 133810. Brush set: HC-CARGO 140602.



135339 Brush Gear

Replacing: 028510-5420, 028510-5410

Servicing: 128000-7390, 128000-8310, 128000-8311, 128000-8312, 128000-8320, 128000-8321, 128000-8322, 128000-8400, 128000-9710

12 V, OD 59.00

Neg. brushes. Brush set: HC-CARGO 140885.



136103 Brush Gear

Replacing: 028510-5190

Servicing: 128000-2680, 128000-2682, 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6210, 128000-6211

12 V, OD 58.00

Neg. brushes. Brush set: HC-CARGO 140740.



136314 Brush Gear

Replacing: 028510-0830

Servicing: ACR, 028000-9510, 028000-9800, 128000-1230, 128000-1260, 128000-2210, 128000-2830, 128000-3480, 128000-3481

12 V, OD 66.20

ACR. Neg. brushes. Brush set: HC-CARGO 140396.



137021 Brush Gear

Replacing: 028510-5010

Servicing: 128000-0830, 128000-0831, 128000-0832, 128000-0833, 128000-3250, 128000-3260, 128000-5350, 128000-5760, 128000-9560

12 V, OD 81.50

Neg. brushes. Brush set: HC-CARGO 140364.



137955 Brush Gear

Replacing: 028510-5450, 028510-5360

Servicing: 128000-7010, 128000-7122, 128000-7560, 128000-7561, 128000-7562, 128000-7712, 128000-7713, 128000-7714, 128000-8220

12 V, OD 64.00

Neg. brushes. Brush set: HC-CARGO 140740.



138145 Brush Gear

Replacing: 028510-0180, 028510-0141

Servicing: 028000-0197, 028000-0370, 028000-0430, 028000-1010, 028000-1011, 028000-1370, 028000-1850, 028000-1970, 028000-1971

12 V, OD 79.20

Neg. brushes. Brush set: HC-CARGO 140356.



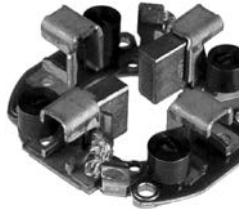
138385 Brush Gear

Replacing: 028510-0230

Servicing: 028000-2150, 028000-2151, 028000-4651, 028000-4790, 028000-4840, 028000-5070, 028000-5071, 028000-5350, 028000-5720

12 V, OD 78.80

Neg. brushes. Brush set: HC-CARGO 140357.



138419 Brush Gear

Replacing: 028510-5660, 028510-5350

Servicing: 028000-8620, 128000-7002, 128000-7500, 128000-8030, 128000-8210, 128000-8350, 128000-8360, 128000-9300, 128000-9310

12 V, OD 59.00

Neg. brushes. Brush set: HC-CARGO 140362.



138672 Brush Gear

Replacing: 028510-0880

Servicing: 128000-0490, 128000-2450, 128000-2470, 128000-2560, 128000-2740, 128000-3361, 128000-4250, 128000-4682, 128000-4683

24 V, OD 95.75

Brush set: HC-CARGO 140963.


139150 Brush Gear

Replacing: 028510-6020, 028510-5800
Servicing: 228000-2120, 228000-2121, 228000-2122, 228000-2123, 228000-2124, 228000-2680, 228000-2682, 228000-2690, 228000-2700
 12 V, OD 61.00
Neg. brushes. Brush set: HC-CARGO 140961.


139488 Brush Gear

Servicing: 128000-1180, 128000-1181
 12 V, OD 74.75
Neg. brushes. Brush set: HC-CARGO 140364.


233813 Brush Gear

Servicing: 228000-4960, 228000-4961, 228000-7710
 12 V, OD 65.00
Neg. brushes. Brush set: HC-CARGO 140961.


235049 Brush Gear

Replacing: 028510-0651
Servicing: 028000-7040, 028000-7042, 028000-7051, 028000-7052, 028000-8422, 028000-9620, 028000-9622, 028000-9623, 128000-0800
 12 V, OD 62.75
Brush positiv: HC-CARGO 141240.


237885 Brush Gear

Servicing: 428000-0660, 428000-0720, 428000-1620, 428000-1940, 428000-1941
 12 V, OD 64.00


330439 Brush Gear

Servicing: 428000-1630, 428000-3180, 428000-4920
 12 V, OD 63.07


332665 Brush Gear

Replacing: 128099-6312
Servicing: 428000-0150, 428000-0151, 428000-0152, 428000-3090
 12 V, OD 57.50


333422 Brush gear

OD 68.00

Brush Gear Parts
Brush Springs

Pkg. 10


132551 Brush Spring

Replacing: 949173-0571
Servicing: 028000-4800, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5530, 028000-5531, 028000-5532, 028000-5541
 Length 26.50

Pkg. 10


132552 Brush Spring

Replacing: 949173-0610
Servicing: 028000-7000, 028000-7001, 028000-7002, 028000-7003, 028000-7004, 028000-7370, 028000-7372, 028000-7373, 028000-7660
 Length 22.50

Pkg. 10


132887 Brush Spring

Replacing: 949173-0461
Servicing: 028000-3641, 028000-3642, 028000-4323, 028000-4340, 028000-4341, 028000-4343, 028000-4450, 028000-4512, 028000-4540
 Length 23.20

Pkg. 10


133710 Brush Spring

Replacing: 949170-9100
Servicing: 128000-2240, 128000-2241, 128000-2750, 128000-3390, 128000-3400, 128000-3780, 128000-9400
 Length 19.00



Pkg. 10

133810 Brush Spring

Replacing: 028520-5010

Servicing: 128000-2520, 128000-2610, 128000-2611, 128000-2621, 128000-2631, 128000-2800, 128000-2820, 128000-2980, 128000-3090
OD 6.20, Length 22.00

Pkg. 4



136104 Brush Spring

Replacing: 028520-5030

Servicing: 128000-2680, 128000-2682, 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6210, 128000-6211
OD 11.70, Length 20.45

Pkg. 4



137700 Brush Spring

Replacing: 949173-0600

Servicing: 028000-0197, 028000-0370, 028000-1010, 028000-1011, 028000-1850, 028000-1970, 028000-1971, 028000-1972, 028000-1973

OD 11.40, Length 20.90



233868 Brush Spring Set

Replacing: 128953-0080

Servicing: 228000-2120, 228000-2121, 228000-2122, 228000-2123, 228000-2124, 228000-2680, 228000-2682, 228000-2690, 228000-2700

OD 11.50, Length 22.70



Pkg. 10

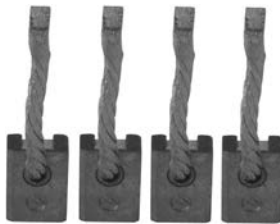
239475 Brush Spring

Servicing: 228000-3980, 228000-3981, 228000-4960, 228000-4961, 228000-7710, 228000-7800, 228000-7801

OD 11.70, Length 20.00

Brush Sets

Pkg. 5



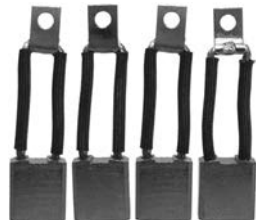
140356 Brush Set

Replacing: 028531-0110

Servicing: 028000-0197, 028000-1010, 028000-1011, 028000-1970, 028000-1971, 028000-1972, 028000-1973, 028000-1975, 028000-1976

12 V, Length 16.00, Lead length 36.50, Height 12.00, Thickness 7.00

Pkg. 5

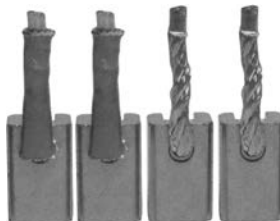


140358 Brush Set

Replacing: 028530-0390, 028530-0341

Servicing: 028000-2880, 028000-3530, 028000-3570, 028000-4850, 028000-5160

12 V, Length 22.00, Lead length 50.00, Height 20.00, Thickness 8.00

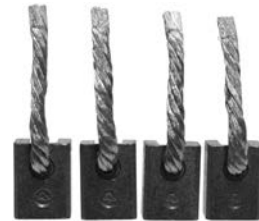


140359 Brush Set

Replacing: 028531-0350, 028531-0300, 028531-0230

Servicing: 028000-0370, 028000-0430, 028000-1370, 028000-1850, 028000-2000, 028000-2001, 028000-2150, 028000-2151, 028000-2240

12 V, Length 19.00, Lead length 26.00, Height 12.00, Thickness 7.00



140360 Brush Set

Replacing: 028531-0380

Servicing: 028000-2260, 028000-2261, 028000-2262, 028000-2263, 028000-2360, 028000-2361, 028000-2362, 028000-2363, 028000-2364

12 V, Length 16.00, Lead length 38.50, Height 12.00, Thickness 7.00



140361 Brush Set

Replacing: 028531-5651, 028531-5650, 028531-0632, 028099-3570, 028099-3560

Servicing: 028000-4800, 028000-5000, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5520, 028000-5530, 028000-5531

12 V, Length 21.00, Lead length 40.80, Height 25.00, Thickness 8.00

Brush set w/ plate: HC-CARGO 141223.

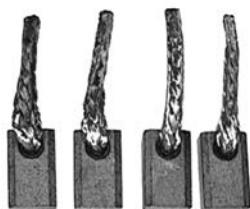


140362 Brush Set

Replacing: 028531-0946, 028531-0450, 028099-2770, 028099-2670, 028099-2628, 028099-2620, 028099-0770

Servicing: 028000-3641, 028000-3642, 028000-4000, 028000-4020, 028000-4200, 028000-4243, 028000-4250, 028000-4323, 028000-4340

12 V, Length 14.00, Lead length 34.00, Height 16.00, Thickness 7.00


140363 Brush Set

Replacing: 028531-3510, 028531-0680, 028099-3510

Servicing: 028000-3730, 028000-5330, 028000-5331, 028000-5332, 028000-5333, 028000-5334, 028000-5335, 028000-6380, 028000-6381

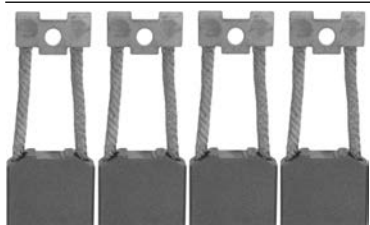
12 V, Length 16.00, Lead length 28.50, Height 10.00, Thickness 6.50


140364 Brush Set

Replacing: 028531-5630, 028531-0840, 028099-7171, 028099-7170

Servicing: 028000-5620, 028000-7000, 028000-7001, 028000-7002, 028000-7003, 028000-7004, 028000-7370, 028000-7372, 028000-7373

12 V, Length 15.00, Lead length 44.50, Height 25.00, Thickness 8.00


140393 Brush Set

Replacing: 385300-480, 028530-0487, 028530-0481, 028530-0480

Servicing: 028000-3290, 028000-3291, 028000-3292, 028000-3650, 028000-3930, 028000-3970, 028000-4870, 028000-4930, 028000-5040

12 V, Length 26.00, Lead length 47.00, Height 30.00, Thickness 9.00


140396 Brush Set

Replacing: 028531-0730, 028531-0720, 028099-3430

Servicing: 028000-4540, 028000-4550, 028000-5800, 028000-5900, 028000-5910, 028000-5911, 028000-5912, 028000-6000, 028000-6001

12 V, Length 13.50, Lead length 23.00, Height 16.00, Thickness 7.00



Pkg. 10

140566 Brush

Replacing: 028530-1031, 028530-1030, 028530-1021, 028530-1020, 028530-0980, 028530-0933, 028530-0932

Servicing: 028000-8411, 028000-9133, 028000-9872, 028000-9880, 028000-9882, 028000-9883, 128000-1431, 128000-2760, 128000-2950

12 V, Length 12.00, Lead length 29.80, Height 9.00, Thickness 6.00



Pkg. 5

140570 Brush

Replacing: 028530-5061, 028530-5060

Servicing: 128000-2240, 128000-2241, 128000-2750, 128000-3390, 128000-3400, 128000-3780, 128000-9400

12 V, Length 7.50, Lead length 23.00, Height 9.00, Thickness 5.00


140602 Brush Set

Replacing: 028531-6660, 028531-5050, 028099-5450

Servicing: 128000-2520, 128000-2610, 128000-2611, 128000-2621, 128000-2631, 128000-2800, 128000-2820, 128000-2980, 128000-3090

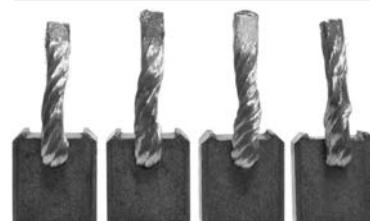
12 V, Length 10.00, Lead length 30.50, Height 8.00, Thickness 6.50


140647 Brush Set

Replacing: 028099-3980

Servicing: 028000-8460, 028000-9181, 028000-9182, 028000-9202, 028000-9203, 028000-9210, 028000-9220, 028000-9221, 028000-9230

12 V, Length 18.00, Lead length 31.50, Height 13.00, Thickness 7.50


140740 Brush Set

Replacing: 028099-6180

Servicing: 128000-2680, 128000-2682, 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6210, 128000-6211

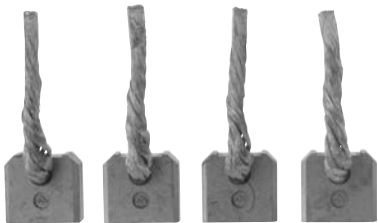
12 V, Length 14.00, Lead length 25.00, Height 13.00, Thickness 6.50


140885 Brush Set

Servicing: 128000-7010, 128000-7120, 128000-7121, 128000-7122, 128000-7130, 128000-7390, 128000-7710, 128000-7711, 128000-7712

12 V, Length 15.50, Lead length 29.00, Lead length 2 22.50, Height 13.00, Thickness 7.00

Pkg. 10



140932 Brush Set

Replacing: 028099-3950
 Servicing: 028000-5730, 028000-8980, 028000-9380, 028000-9510, 028000-9800, 128000-0050, 128000-0111, 128000-0170, 128000-0171
 12 V, Length 14.00, Lead length 36.50, Height 16.00, Thickness 7.00



140961 Brush Set

Replacing: 128099-6740
 Servicing: 228000-2120, 228000-2121, 228000-2122, 228000-2123, 228000-2124, 228000-2680, 228000-2682, 228000-2690, 228000-2980
 12 V, Length 15.50, Lead length 33.00, Height 25.00, Thickness 7.00



140963 Brush Set

Replacing: 028530-1100, 028530-1090
 Servicing: 128000-0490, 128000-2450, 128000-2470, 128000-2560, 128000-2740, 128000-3361, 128000-4250, 128000-4682, 128000-4683
 12/24 V, Length 21.00, Lead length 33.00, Height 30.00, Thickness 10.00



140976 Brush Set

Replacing: 28142-54070, 028099-3550
 Servicing: 028000-7370, 028000-7660, 028000-9030, 128000-0020, 128000-0040, 128000-6400, 228000-0400, 228000-0640, 228000-0691
 12 V, Length 15.00, Lead length 41.50, Lead length 2 30.00, Height 25.00, Thickness 8.00



141223 Brush Set

Servicing: 028000-5581, 028000-6870, 028000-6880, 028000-6890, 028000-6891, 028000-6892, 028000-6910, 028000-8070, 028000-8071
 12 V, Length 21.00, Lead length 40.50, Height 25.00, Thickness 8.00
 w/o plate: HC-CARGO 140361.



141240 Brush

Replacing: 028530-5031, 028530-5030, 028530-0991, 028530-0990
 Servicing: 028000-8422, 028000-9620, 028000-9622, 028000-9623, 128000-1550, 128000-1551, 128000-5191, 128000-5491, 128000-7490
 12 V, Length 12.00, Lead length 30.00, Height 8.90, Thickness 5.90
 Positive.



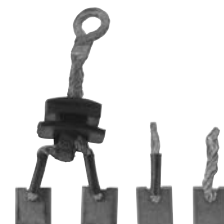
141258 Brush Set

Servicing: 428000-0670, 428000-0680, 428000-0700, 428000-1640, 428000-1750
 12 V, Length 15.30, Height 14.10, Thickness 4.50



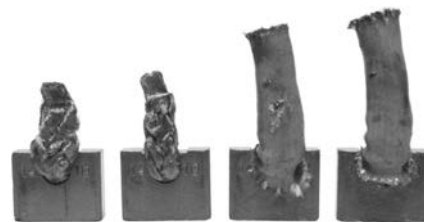
141267 Brush Set

Servicing: 228000-9900, 228000-9901, 228000-9902, 428000-0150, 428000-0151, 428000-0152, 428000-1080, 428000-3090
 12 V, Length 9.50, Lead length 31.00, Lead length 2 21.00, Height 8.50, Thickness 4.50/7.00



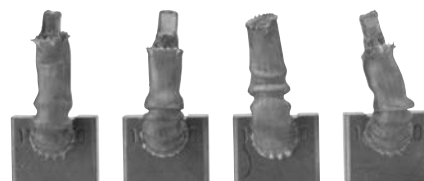
142031 Brush

12 V, Length 15.30, Lead length 26.00, Lead length 2 30.50, Height 14.00, Thickness 4.50



142040 Brush Set

Servicing: 428000-0660, 428000-0720, 428000-1620
 12 V, Length 15.50, Lead length 25.00, Lead length 2 33.00, Height 20.00, Thickness 7.00



142066 Brush Set

Servicing: 428000-1630, 428000-3180, 428000-4920
 12 V, Length 15.07, Lead length 35.00, Height 19.86, Thickness 6.93



JSX72-734 Brush Set

Replacing: 028531-7340, 028531-7331
 12 V, Length 16.00, Lead length 32.50, Lead length 2 25.00, Height 20.00, Thickness 7.00


JSX74-75-76-774 Brush Set

Replacing: 028531-6420, 028531-6410, 028531-6400, 028531-6390

12 V, Length 14.30/15.30, Lead length 32.88, Height 14.00, Thickness 4.50

Bushings

Pkg. 10


140325 Bushing

Replacing: 949103-2020, 949103-1320, 949103-0540

Servicing: 028000-0970, 028000-1975, 028000-1976, 028000-2001, 028000-2151, 028000-2241, 028000-2260, 028000-2261, 028000-2262

ID 12.54, OD 16.55, Length 14.00

Pkg. 10


140326 Bushing

Replacing: 028403-0082, 028403-0081

Servicing: 028000-0197, 028000-0370, 028000-0430, 028000-1010, 028000-1011, 028000-1370, 028000-1850, 028000-1970, 028000-1971

ID 12.54, OD 14.72, Length 14.00

Alternative no.: b140326

Pkg. 10


140329 Bushing

Replacing: 028403-0060

Servicing: 028000-2580, 028000-2585

ID 14.00, OD 16.20, Length 21.20

Pkg. 10


140330 Bushing

Replacing: 028403-0139, 028403-0131, 028403-0130

Servicing: 028000-2450, 028000-2580, 028000-2585, 028000-2880, 028000-3300, 028000-3530, 028000-3570, 028000-3810, 028000-3811

ID 14.20, OD 16.30, Length 19.80

Pkg. 10


140333 Bushing

Replacing: 949103-3160

Servicing: 028000-3730, 028000-5330, 028000-5331, 028000-5332, 028000-5333, 028000-5334, 028000-5335, 028000-6380, 028000-6381

ID 12.53, OD 15.50, Length 10.50

Alternative no.: b140333

Pkg. 10


140424 Bushing

Replacing: 949103-3600

Servicing: 028000-8460, 028000-9181, 028000-9182, 028000-9202, 028000-9203, 028000-9210, 028000-9220, 028000-9221, 028000-9230

ID 10.10, OD 15.50, Length 10.40

Pkg. 10


140425 Bushing

Replacing: 949103-3610

Servicing: 028000-8460, 028000-9181, 028000-9182, 028000-9202, 028000-9203, 028000-9210, 028000-9220, 028000-9221, 028000-9230

ID 11.00, OD 14.70, Length 12.80

Pkg. 10


140426 Bushing

Replacing: 949103-3840

Servicing: 128000-2520, 128000-2610, 128000-2611, 128000-2621, 128000-2631, 128000-2800, 128000-2820, 128000-2980, 128000-3090

ID 11.05, OD 14.72, Length 8.00

Pkg. 10


140427 Bushing

Replacing: 949103-3850

Servicing: 128000-2520, 128000-2610, 128000-2611, 128000-2621, 128000-2631, 128000-2680, 128000-2682, 128000-2820, 128000-2980

ID 11.05, OD 14.72, Length 11.00

Pkg. 10


140554 Bushing

ID 22.71, OD 28.50, Length 5.90

Alternative no.: b140554

Pkg. 10


140579 Bushing

ID 12.60, OD 15.50, Length 12.80



Pkg. 10

140582 Bushing
ID 12.70, OD 14.40, Length 12.80



Pkg. 10

140583 Bushing
ID 12.53, OD 14.02, Length 10.50
Alternative no.: b140583



Pkg. 10

140697 Bushing
ID 23.90, OD 29.30, Length 5.95
Alternative no.: b140697



Pkg. 10

140774 Bushing
Servicing: 028403-0070
ID 23.93, OD 29.30, Length 6.03
Alternative no.: b140774



Pkg. 5

140777 Bushing
Replacing: 949102-0070
Servicing: 028000-3290, 028000-3291, 028000-3292, 028000-3970, 028000-5960, 028000-5961
ID 17.00, OD 19.00, Length 19.70



Pkg. 5

140778 Bushing
Replacing: 949103-2420
Servicing: 028000-3290, 028000-3291, 028000-3292, 028000-3970, 028000-5960, 028000-5961, 128000-3280
ID 30.10, OD 35.00, Length 22.95



Pkg. 10

140787 Bushing
Servicing: 228000-6120, 228000-6121, 228000-6122, 228000-6450, 228000-6620, 228000-6680, 228000-8360, 428000-0700
ID 6.10, OD 10.00, Length 7.45



Pkg. 10

140788 Bushing
Replacing: 949104-0990
Servicing: 128000-2680, 128000-2682, 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6210, 128000-6211
ID 7.09, OD/ collar 13.00, OD 9.51, Length 11.20, Height/ collar 2.00



Pkg. 10

140792 Bushing
Replacing: 949103-4330
Servicing: 128000-2682, 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6212, 128000-6340, 128000-6341
ID 15.00, OD 18.50, Length 11.20



Pkg. 10

140847 Bushing
ID 23.02, OD 28.60, Length 4.05
Alternative no.: b140847



Pkg. 10

140937 Bushing
ID 10.97, OD 13.62, Length 19.90



Pkg. 10

140965 Bushing
Replacing: 949103-4320
Servicing: 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6212, 128000-6340, 128000-6341, 128000-6420
ID 7.12, OD 9.60, Length 8.10



Pkg. 10

141011 Bushing
Replacing: 949103-4340
Servicing: 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6340, 128000-6341, 128000-6420, 128000-6422
ID 11.15, OD 14.70, Length 9.80

Pkg. 10



141073 Bushing
 ID 23.25, OD 28.55, Length 5.00

Pkg. 10



141080 Bushing
 ID 23.05, OD 28.64, Length 3.80

Pkg. 10



141105 Bushing
 Servicing: Iveco
 ID 7.07, OD 9.60, Length 10.00

Pkg. 10



141136 Bushing
 Servicing: 028000-2240, 028000-2930,
 028000-3500, 028000-3800, 028000-4040,
 028000-4600, 028000-4630, 028000-4650
 ID 12.55, OD 14.00, Length 19.00

Pkg. 10



141153 Bushing
 Servicing: 028000-2380, 028000-5090,
 028000-7170
 ID 11.03, OD 13.23, Length 12.70

Pkg. 10



141154 Bushing
 Servicing: 128000-1050, 128000-1770
 ID 22.85, OD 28.65, Length 5.80

Pkg. 10



141155 Bushing
 ID 23.05, OD 28.50, Length 3.95

Pkg. 10



141205 Bushing
 Servicing: 228000-3980, 228000-3981,
 228000-4960, 228000-4961
 ID 23.05, OD 28.64, Length 3.76

Pkg. 10



141235 Bushing
 Replacing: 028403-0073, 028403-0070
 Servicing: 028000-3290, 028000-3930,
 028000-3970, 028000-4130, 028000-4131,
 028000-4150, 028000-5250, 028000-5960,
 028000-5961
 ID 16.52, OD 19.10, Length 20.00

Pkg. 10



141237 Bushing
 Replacing: 949103-0390
 Servicing: 028000-1370, 028000-1850,
 028000-1975, 028000-1976, 028000-2000,
 028000-2150, 028000-2240, 028000-2241,
 028000-2260
 ID 12.40, OD 16.55, Length 10.40



141238 Bushing
 Replacing: 949103-1660
 Servicing: 028000-0370, 028000-2260,
 028000-2261, 028000-2262, 028000-2263,
 028000-2360, 028000-2361, 028000-2362,
 028000-2363
 ID 23.04, OD 26.07, Length 8.45

Pkg. 10



141249 Bushing
 Servicing: 128000-0350, 128000-0351,
 128000-1890, 428000-0670, 428000-0680,
 428000-0700, 428000-1640, 428000-1750,
 428000-1760
 ID 7.02, OD/ collar 13.50, OD 9.50,
 Length 9.25, Height/ collar 2.00

Pkg. 10



142011 Bushing
 Servicing: 428000-0150, 428000-0151,
 428000-0152, 428000-0670, 428000-0680,
 428000-0700, 428000-0720, 428000-1760,
 428000-3090
 ID 18.00, OD 21.00, Length 8.90

NEW PRODUCT
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142015 Bushing

Servicing: 428000-0150, 428000-0151,
428000-0152, 428000-3090
ID 5.02, OD 7.97, Length 7.15

Pkg. 10



142067 Bushing

ID 18.06, OD 20.98, Length 8.97

Pkg. 10



142083 Bushing

ID 18.06, OD 20.98, Length 8.97

Pkg. 10



331981 Bushing

ID 7.10, OD 9.50, Length 8.20

Pkg. 10



332325 bushing

ID 11.00, OD 13.10, Length 10.20

Pkg. 100



B140033 Bushing

Replacing: 949103-3160
ID 14.30, OD 16.00, Length 11.50
Alternative no.: 140033

Pkg. 100



B140326 Bushing

Replacing: 028403-0082, 028403-0081
ID 12.55, OD 14.72, Length 14.00
Alternative no.: 140326

Pkg. 100



B140554 Bushing

Replacing: 140554
ID 22.71, OD 28.50, Length 5.90
Alternative no.: 140554

Pkg. 100



B140583 Bushing

Replacing: 140583
ID 12.53, OD 14.02, Length 10.50
Alternative no.: 140583

Pkg. 100



B140774 Bushing

Replacing: 140774
ID 23.93, OD 29.30, Length 6.03
Alternative no.: 140774

Pkg. 100



B140847 Bushing

Replacing: 140847
ID 23.02, OD 28.60, Length 4.05
Alternative no.: 140847

Bearings

Ball Bearings

Pkg. 10



140222 Ball Bearing

Replacing: 949100-6080, 949100-6070,
949100-5820, 949100-5230, 949100-4120,
949100-2500, 949100-1360
Servicing: 028000-3641, 028000-3642, 028000-
4323, 028000-4340, 028000-4341, 028000-4343,
028000-4450, 028000-4512, 028000-4540
ID 8.00, OD 22.00, Height 7.00

Pkg. 10



140271 Ball Bearing

Replacing: 949100-2760
Servicing: 028000-5730, 028000-5800, 028000-
6260, 028000-7700, 028000-8620, 028000-8980,
028000-9270, 028000-9320, 028000-9321
ID 10.00, OD 26.00, Height 8.00



Pkg. 10

140960 Ball Bearing

Replacing: 949100-4840

Servicing: 100211-8000, 100211-8110, 100211-8240, 100211-8560, 228000-2120, 228000-2121, 228000-2122, 228000-2123, 228000-2124

ID 8.00, OD 28.00, Height 9.00

Needle Bearings

Pkg. 10


140767 Needle Bearing

Replacing: 949105-0200, 949105-0160, 949105-0100

Servicing: 128000-0660, 128000-2682, 128000-2800, 128000-3090, 128000-3091, 128000-4130, 128000-4170, 128000-4430, 128000-4450

 ID 11.00, OD 15.50, Height 14.30, Rolls 12
Closed end.

Pkg. 5


140768 Needle Bearing

Replacing: 949105-0110

Servicing: 028000-6490, 028000-6491, 028000-6492, 028000-6493, 028000-6494, 028000-6495, 028000-7091, 028000-7092, 028000-7093

ID 12.48, OD 17.02, Height 17.00, Rolls 16

Pkg. 10


142065 Needle Bearing

Servicing: 428000-1630, 428000-3180, 428000-4920

 ID 12.00, OD 16.00, Height 14.00
Closed end.
Repair Kits

132635 Repair Kit

Replacing: 028099-6790

Servicing: 028000-3290, 028000-3291, 028000-3292, 028000-3650, 028000-3930, 028000-3970, 028000-4930, 028000-5040, 028000-5960

12 V.

Sundry Parts
C.E. Covers

Pkg. 10


136713 C.E. Bracket

Replacing: 028506-0170

Servicing: 028000-4050, 028000-4650, 028000-4651, 028000-4680, 028000-4681, 028000-4710, 028000-5334, 028000-5335, 028000-6380

Gasket: HC-CARGO 231213.

Oil Seals

Pkg. 5


135851 Oil Seal

Replacing: 949150-1050

Servicing: 028000-3290, 028000-3291, 028000-3292, 028000-3650, 028000-3810, 028000-3811, 028000-3930, 028000-3970, 028000-3971

ID 30.00, OD 42.10, Height 8.00



Pkg. 10

138914 Oil Seal

Servicing: 028000-5880

ID 16.70, OD 21.55, Height 3.00

Pkg. 10


235420 Oil Seal

Servicing: 228000-9540

ID 46.43, OD 58.17, Height 3.00

Pkg. 10


237550 Oil seal

Servicing: 428000-0150, 428000-0151, 428000-0152, 428000-0700, 428000-3090

ID 19.95, OD 33.55, Height 3.50

O-rings

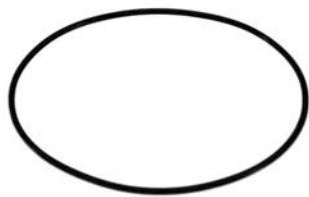
Pkg. 10


132891 O-ring

Replacing: 908012-0470

Servicing: 028000-5651, 028000-5652, 028000-6010, 028000-6013, 028000-6021, 028000-6022, 028000-7451, 028000-7452, 028000-8561

ID 48.00, Thickness 2.50



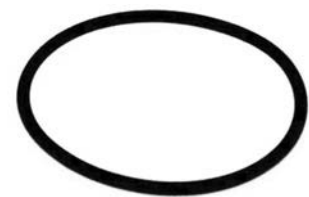
Pkg. 10

132892 O-ring

Replacing: 949140-3700

Servicing: 028000-5730, 028000-5800, 028000-6260, 028000-7700, 028000-8370, 028000-8371, 028000-8620, 028000-8980, 028000-9320

ID 69.00, Thickness 2.00



Pkg. 10

132893 O-ring

Replacing: 908012-0420

Servicing: 028000-5190, 028000-5780, 028000-5991, 028000-5992, 028000-7410, 128000-5040, 128000-5750, 128000-8220, 228000-2550

ID 43.00, Thickness 2.50



Pkg. 10

132900 O-ring

Replacing: 949062-1010

Servicing: 028000-3641, 028000-3642, 028000-4323, 028000-4340, 028000-4341, 028000-4343, 028000-4450, 028000-4512, 028000-4940

ID 71.00, Thickness 2.00



Pkg. 5

133717 O-ring

Replacing: 949140-5670, 949140-3440

Servicing: 028000-7040, 028000-7042, 028000-7051, 028000-7052, 028000-8411, 028000-8422, 028000-9133, 028000-9620, 028000-9622

ID 63.50, Thickness 1.60



Pkg. 10

134484 O-ring

Replacing: 908041-0050

Servicing: 028000-4800, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5530, 028000-5531, 028000-5532, 028000-5541

ID 5.00, Thickness 2.00



Pkg. 10

134486 O-ring

Servicing: 028000-5730, 028000-5910, 028000-5911, 028000-6000, 028000-6001, 028000-7370, 028000-7372, 028000-7373, 028000-7600

ID 8.00, Thickness 2.00



Pkg. 10

134487 O-ring

Servicing: 028000-5581, 028000-5860, 028000-5861, 028000-5862, 028000-5863, 028000-5864, 028000-6290, 028000-6291, 028000-6292

ID 10.00, Thickness 2.00



Pkg. 10

134633 O-ring

Replacing: 90801-10060

Servicing: 028000-3290, 028000-3291, 028000-3292, 028000-5390, 028000-6190, 028000-6240, 028000-6250, 028000-6260, 028000-6261

ID 6.00, Thickness 2.00

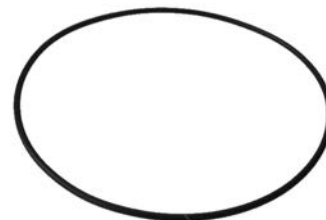


Pkg. 10

135498 O-ring

Servicing: 128000-5560, 128000-5561, 228000-3330, 228000-3331, 228000-3332, 228000-5920, 228000-5922

ID 8.00, Thickness 2.50



Pkg. 10

138433 O-ring

Replacing: 949140-3680

Servicing: 028000-7000, 028000-7001, 028000-7002, 028000-7003, 028000-7004, 028000-7370, 028000-7372, 028000-7373, 028000-7660

ID 70.00, Thickness 1.50



Pkg. 10

139421 O-ring

Servicing: 028000-3290, 028000-3291, 028000-3292, 028000-5900, 028000-7002, 028000-7003, 028000-7004, 028000-7560, 028000-8321

ID 11.20, Thickness 1.80

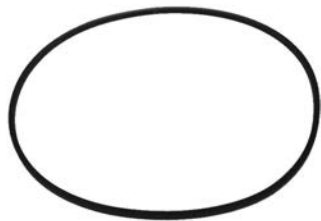


Pkg. 10

139422 O-ring

Servicing: 028000-6250, 228000-1710, 228000-2630, 228000-3780, 228000-3800, 228000-3801, 228000-3802, 228000-4210, 228000-6612

ID 9.60, Thickness 1.80


230147 O-ring

Replacing: 949140-4620

Servicing: 128000-0830, 128000-0831, 128000-0832, 128000-0833, 128000-5350, 128000-5760, 128000-9560, 228000-0200, 228000-0390

ID 80.00, Thickness 1.50

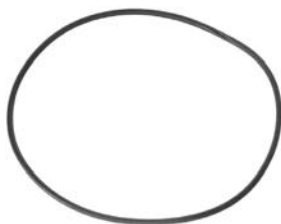
Pkg. 5


232434 O-ring

Servicing: 28MT, 028000-5530, 028000-5620, 028000-6290, 028000-6291, 028000-6292, 028000-7240, 028000-7241, 028000-7242

ID 5.00, Thickness 1.80

Pkg. 5


233084 O-ring

Replacing: 028901-0361

Servicing: 128000-2450, 128000-2470, 128000-2740, 128000-3361, 128000-4250, 128000-4682, 128000-4683, 128000-4684, 128000-4685

ID 95.00, Thickness 2.50

Pkg. 10

Thru Bolts

191530 Through Bolt

Replacing: 191530

Servicing: 228000-0570, 228000-0571, 228000-0572, 228000-0573, 228000-0574, 228000-0575, 228000-1590, 228000-1661, 228000-9050

Total length 79.00, Length/ rear collar 74.60, Thread length 24.60, Thread size M6

Pkg. 10


191531 Through Bolt

Replacing: 949006-5080

Servicing: 028000-4800, 028000-5660, 028000-5661, 028000-5860, 028000-5861, 028000-5862, 028000-5863, 028000-5864, 028000-5890

Total length 89.40,

Length/ rear collar 85.10,

Thread length 25.30, Thread size M6

Pkg. 10


230721 Through Bolt

Replacing: 949006-4930, 949006-3840

Servicing: 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5530, 028000-5531, 028000-5532, 028000-5541, 028000-5542

Total length 74.10,

Length/ rear collar 68.75,

Thread length 24.75, Thread size M6

Pkg. 10

Pkg. 2


231312 Through Bolt

Replacing: 949047-3480, 949047-1500

Servicing: 028000-4540, 028000-5900, 028000-5910, 028000-5911, 028000-5912, 028000-6000, 028000-6001, 028000-6300, 028000-6361

Total length 142.65,

Length/ rear collar 139.00,

Thread length 19.60, Thread size M6


231374 Through Bolt

Replacing: 949042-3170, 949042-2920, 949042-2360

Servicing: 028000-4050, 028000-4650, 028000-4651, 028000-4680, 028000-4681, 028000-4710, 028000-5334, 028000-5335, 028000-6380

Total length 138.80,

Length/ rear collar 133.20,

Thread length 16.50, Thread size M6

Pkg. 2

Pkg. 10


231627 Through Bolt

Replacing: 949042-3741, 949042-2270

Servicing: 028000-3850, 028000-4800, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5530, 028000-5531, 028000-5532

Total length 186.10,

Length/ rear collar 180.20,

Thread length 23.35, Thread size M6

Pkg. 10


231628# Through Bolt

Replacing: 949042-3520, 949042-3260

Servicing: 128000-2680, 128000-2682, 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6340, 128000-6341

Total length 119.80,

Length/ rear collar 115.00,

Thread length 20.10, Thread size M5



Pkg. 10

231630 Through Bolt

Replacing: 949042-2570

Servicing: 028000-5730, 028000-7700, 028000-8980, 028000-9270, 028000-9320, 028000-9321, 028000-9380, 028000-9510, 028000-9800

Total length 154.00,
Length/ rear collar 150.45,
Thread length 25.75, Thread size M5



Pkg. 10

234145 Through Bolt

Replacing: 949042-2860

Servicing: 028000-7000, 028000-7001, 028000-7002, 028000-7003, 028000-7004, 028000-7370, 028000-7372, 028000-7373, 028000-7740

Total length 86.40,
Length/ rear collar 80.65,
Thread length 17.25, Thread size M6

Various



Pkg. 5

131837 Terminal Cap

Replacing: 949340-0660, 028062-6180

Servicing: 028000-4340, 028000-4341, 028000-4343, 028000-4550, 028000-5120, 028000-5730, 028000-5780, 028000-5800, 028000-6000

Height 15.25



Pkg. 5

131838 Terminal Cap

Replacing: 949340-0820, 949340-0531

Servicing: 028000-3641, 028000-3642, 028000-4512, 028000-5821, 028000-5822, 028000-5900, 028000-5910, 028000-5911, 028000-5912

Height 15.10



Pkg. 5

132063 Insulator

Servicing: 028000-4340, 028000-4341, 028000-4343, 028000-4512, 028000-5821, 028000-5822, 028000-6140, 028000-6250, 028000-6260

ID 49.15, OD 65.15, Height 23.00



Pkg. 100

132886 Spring

Servicing: 028000-4800, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5531, 028000-5532, 028000-5541, 028000-5542

OD 7.00, Length 12.00
Also used in plastic case on 2.50 kW.



Pkg. 10

132888 Rubber Drain

Replacing: 028062-5770, 028062-0480, 028062-0360, 028062-0200

Servicing: 028000-2360, 028000-2361, 028000-2362, 028000-2363, 028000-2364, 028000-3300, 028000-3360, 028000-3361, 028000-3500

ID 7.35, OD 9.25, Length 27.60



Pkg. 10

132889 Rubber Boot

Replacing: 480841-0010

Servicing: 028000-5530, 028000-5581, 028000-5620, 028000-5860, 028000-5861, 028000-5862, 028000-5863, 028000-5864, 028000-6290

ID 30.00



Pkg. 10

132894 Steel Ball

Replacing: 949120-0240, 128961-0010

Servicing: 028000-3641, 028000-3642, 028000-4323, 028000-4343, 028000-4450, 028000-4512, 028000-4540, 028000-4550, 028000-4800

OD 8.70, Material Steel



133708 Insulator

Replacing: 028523-5050

Servicing: 128000-2240, 128000-2241, 128000-2750, 128000-3390, 128000-3400, 128000-3780, 128000-9400



133716 Stop Collar Kit

Replacing: 028021-0291

Servicing: 028000-8411, 028000-8422, 028000-9133, 028000-9620, 028000-9622, 028000-9623, 028000-9872, 028000-9880, 028000-9882



133811 Brush Gear Plate

Replacing: 028523-5030

Servicing: 128000-2520, 128000-2610, 128000-2611, 128000-2621, 128000-2631, 128000-2800, 128000-2820, 128000-2980, 128000-3090

OD 65.20, Thickness 0.95, Gasket w/o

Pkg. 5



133878 Connection

Servicing: 128000-0461, 128000-2550, 128000-2551, 128000-2660, 128000-2670, 128000-3740, 128000-3741, 128000-8650, 128000-8660

Mount. hole 10.50, **Total length** 70.25

Pkg. 5



133879 Connection

Servicing: 128000-4060, 128000-4450, 128000-8690, 228000-8490

Mount. hole 9.15, **Total length** 62.15

Pkg. 5

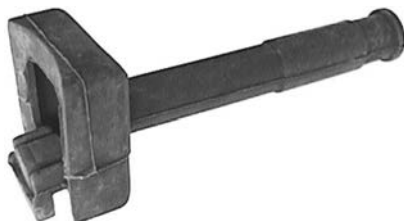


133880 Connection

Servicing: 028000-7460, 028000-7461, 028000-7462, 028000-7470, 028000-7471, 028000-9090, 028000-9091, 028000-9470, 028000-9900

Mount. hole 8.75, **Total length** 66.40

Pkg. 5



134328 Grommet

Servicing: 028000-4550, 028000-5900, 028000-5910, 028000-5911, 028000-5912, 028000-6000, 028000-6001, 028000-6030, 028000-6031

Length: 79.00 mm.

Pkg. 5



134329 Grommet

Servicing: 028000-8980, 028000-9270, 128000-0050, 128000-0620, 128000-0621, 128000-0622, 128000-0930, 128000-1050, 128000-1250

Length: 67.00 mm.

Pkg. 10



134788 Terminal Boot

OD 27.70

Pkg. 5



134867# Insulator

Pkg. 5



135127 Lock Washer

Replacing: 028017-0070, 028017-0050
Servicing: 028000-0197, 028000-1010, 028000-1011, 028000-1850, 028000-1970, 028000-1971, 028000-1972, 028000-1973, 028000-1975

ID/ housing 20.00, **Thickness** 1.50, **Type** Lock washer, **Material** Steel

Pkg. 5



135128 Lock Washer

Replacing: 028017-0110

Servicing: 028000-0370, 028000-2570, 028000-2571, 028000-2680, 028000-2681, 028000-2682, 028000-3700, 028000-3710, 028000-3950

OD/ housing 19.95, **Thickness** 1.50, **Type** Lock washer, **Material** Steel

Pkg. 5

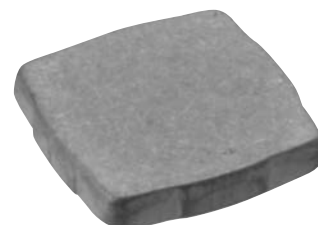


135217 Retaining Ring

Servicing: 128000-0461, 128000-0462, 228000-1000, 228000-1040, 228000-1041, 428000-0320

OD/ housing 11.50, **Thickness** 1.60
Used w/ retaining ring: HC-CARGO 233553.

Pkg. 10



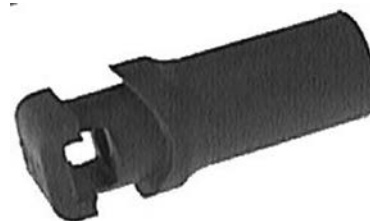
135475 Lock

Replacing: 028017-0060

Servicing: 028000-4800, 028000-5300, 028000-5301, 028000-5510, 028000-5511, 028000-5530, 028000-5531, 028000-5532, 028000-5541

Thickness 1.77, **Gasket** w/o

Pkg. 10



135746 Rubber Drain

Replacing: 028062-0530

Servicing: 028000-6000, 028000-6001, 028000-6300, 028000-9270, 128000-0101, 128000-0102, 128000-0140, 128000-0980, 128000-0981

ID 6.80, **OD** 8.95, **Length** 28.95



135844# Brake Washer

Replacing: 028029-0051

Servicing: 028000-0370, 028000-2260, 028000-2261, 028000-2262, 028000-2263, 028000-2360, 028000-2361, 028000-2362, 028000-2363

ID 30.60, OD 40.00, Thickness 8.25, Material Plastic

Pkg. 5



136084 Plastic Fitting

Replacing: 028062-0091

Servicing: 028000-4540, 028000-6930, 028000-7320, 028000-7321, 028000-7390, 028000-7391, 028000-7392, 028000-9120, 028000-9121

Plastic.

Pkg. 5



136087 Snap Ring

Replacing: 949072-1580, 949072-1360, 949072-1320

Servicing: 028000-5334, 028000-5335, 028000-6381, 028000-6382, 028000-6383, 028000-6384, 028000-6391, 028000-6392, 028000-6393

OD/ housing 9.50, Thickness 1.60

Used w/ retaining ring: HC-CARGO 136089.

Pkg. 10



136088 Stop Collar Kit

Replacing: 028099-7880, 028021-5010

Servicing: 128000-2520, 128000-2611, 128000-2621, 128000-2631, 128000-2800, 128000-2820, 128000-2980, 128000-3250, 128000-3251

ID 11.00, OD 16.90, Height 5.10

Pkg. 10



136089 Stop Collar

Replacing: 028021-0331

Servicing: 028000-8460, 028000-9181, 028000-9182, 028000-9202, 028000-9203, 028000-9210, 028000-9220, 028000-9221, 028000-9230

ID 11.00, OD 15.90, Height 4.50

Used w/ retaining ring: HC-CARGO 136087.

Pkg. 5



136175 Stop Collar

Replacing: 028021-0310, 028021-0063

Servicing: 028000-0197, 028000-0370, 028000-1010, 028000-1011, 028000-1850, 028000-1970, 028000-1971, 028000-1972, 028000-1973

ID 12.50, OD 16.65, Height 6.00

Used w/ retaining ring: HC-CARGO 138026.

Pkg. 5



136299 Connection

Servicing: 028000-9860, 128000-7140, 228000-2120, 228000-2121, 228000-2122, 228000-2123, 228000-2124, 228000-2680, 228000-2682

ID 8.40, Lead length 80.00

Pkg. 5



136317 Terminal Boot

ID 20.00, OD 26.80

Pkg. 10



137588 Terminal Block

Replacing: 053480-7100

Servicing: 128000-1560, 128000-2682, 128000-3500, 128000-4960, 128000-5270, 128000-5280, 128000-5670, 128000-6320, 128000-7500

Pkg. 5

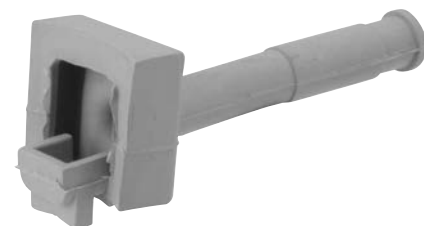


137590 Grommet

Servicing: 028000-5581, 028000-6290, 028000-6291, 028000-6292, 028000-6870, 028000-6880, 028000-6890, 028000-6891, 028000-6892

Length: 97.50 mm.

Pkg. 5



137591 Grommet

Servicing: 028000-6300, 128000-6300, 228000-1100, 228000-2220, 228000-2221, 228000-3330, 228000-3331, 228000-3332, 228000-5920

Length: 79.00 mm.

Pkg. 5



137592 Terminal Boot

Replacing: 028062-5050, 028062-0640

Servicing: 128000-0280, 128000-0281, 128000-0810, 128000-0910, 128000-2140, 128000-2600, 128000-4750, 128000-5080, 128000-6930

ID 9.10, OD 26.80, Length 46.30



137594 Grommet

Replacing: 028000-7000, 028000-7001, 028000-7370, 028000-7372, 028000-7373, 028000-8760, 028000-8761, 028000-8762, 128000-0040
Length: 84.00 mm.

Pkg. 5



137865 Retainer

Replacing: 028327-0140
Servicing: 028000-6280, 128000-1151, 128000-2070, 128000-3111, 128000-3410, 128000-3470, 128000-3471, 128000-3472, 128000-3480
Thickness 1.55, **Material** Steel

Pkg. 5



137976 Rubber Drain

Replacing: 281997-4070, 028065-0100, 028065-0010
Servicing: 028000-5581, 028000-5900, 028000-6870, 028000-6880, 028000-6890, 028000-6891, 028000-6892, 028000-6910, 028000-7560
OD 12.60, **Length** 28.15

Pkg. 10



138026 Retaining Ring

Replacing: 949072-0400
Servicing: 028000-0197, 028000-0370, 028000-1010, 028000-1011, 028000-1850, 028000-1970, 028000-1971, 028000-1972, 028000-1973
OD/ housing 11.00, **Thickness** 1.60, **Material** Steel
Used w/ retaining ring: HC-CARGO 138027.

Pkg. 5



138027 Stop Collar

ID 11.20, **OD** 20.00, **Height** 5.50
Used w/ retaining ring: HC-CARGO 138026.

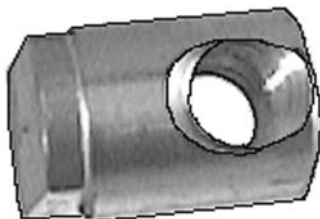
Pkg. 5



138141# Rubber Seal

Servicing: 028000-9490, 128000-1620, 128000-1621, 128000-2430, 128000-2431, 128000-2670, 128000-3740, 128000-3741, 128000-5650

Pkg. 5



138682 Nut

Servicing: 028000-4340, 028000-4341, 028000-4343, 028000-4450, 028000-4990, 028000-5060, 028000-5190, 028000-5390, 028000-5780
Thread M6, **OD** 10.00, **Lock nut** No

Pkg. 10



139049# Gear Plate

Replacing: 028452-5010
Servicing: 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6212, 128000-6340, 128000-6341, 128000-6420
ID 18.00, **OD** 63.40, **Thickness** 7.45

Pkg. 5



139827 Rubber Drain

OD 12.00, **Length** 28.00

Pkg. 5



231213 Gasket

Replacing: 028901-0290, 028901-0080
Servicing: 028000-0197, 028000-0370, 028000-1010, 028000-1011, 028000-1850, 028000-1970, 028000-1971, 028000-1972, 028000-1973
ID 19.50, **OD** 27.75, **Thickness** 1.45, **Material** Rubber
For HC-CARGO 136713.

Pkg. 10



231625 Screw

Replacing: 949006-5670, 028903-0010
Servicing: 028000-5730, 028000-7700, 028000-8980, 028000-9270, 028000-9320, 028000-9321, 028000-9380, 028000-9510, 028000-9800
Thread M4, **Total length** 14.00, **Thread length** 7.80, **Slot type** Phillips, Pozidriv, **Countersink** Yes *w/ o-ring.*

Pkg. 10



231731 Drain Tube

Replacing: 028062-7081, 028062-6010, 028062-0272
Servicing: 028000-6721, 028000-7210, 028000-7290, 028000-7440, 028000-7460, 028000-7461, 028000-7462, 028000-7470, 028000-7471
OD 8.05, **Length** 8.45



232214 Spring

Replating: 028025-0230, 028025-0050
 Servicing: 028000-0197, 028000-1010,
 028000-1011, 028000-1850, 028000-1970,
 028000-1971, 028000-1972, 028000-1973,
 028000-1975
 OD 22.30, Length 19.60

Pkg. 5



232594 Rubber Drain

Replating: 028065-0300, 028065-0290,
 028065-0250, 028062-5790, 028062-0500
 Servicing: 028000-5300, 028000-5301,
 028000-5510, 028000-5511, 028000-5530,
 028000-5531, 028000-5532, 028000-5541,
 028000-5542
 OD 9.40, Length 28.95

Pkg. 5



232595 Grommet

Servicing: 228000-7550
 Dim. A 13.40, Dim. B 11.20, Dim. C 54.55

Pkg. 5



232596 Grommet

Servicing: 128000-7140, 128000-9730,
 128000-9740, 128000-9860, 128000-9880,
 228000-0420, 228000-0900, 228000-0901,
 228000-0902
 Length: 46.50 mm.

Pkg. 5



233079# Retainer

OD/ housing 18.70, Thickness 3.10

Pkg. 5



233080 Retainer

Pkg. 10



233083 Boot

Replating: 028062-5640, 028062-0660
 Servicing: 028000-4650, 028000-7740,
 128000-0170, 128000-0171, 128000-0300,
 128000-2190, 128000-5110, 128000-6640,
 128000-7080

Pkg. 5



Pkg. 5



234973 Stop Collar Kit

ID 12.90, OD 16.20, Height 1.90

Pkg. 10



235256 Insulator

Replating: 021605-0490
 Servicing: 021000-6271, 021000-7090,
 021000-7160, 021000-7630, 021000-7640,
 021000-8500, 021000-8731, 021000-8770,
 021000-8780
 ID 5.14, OD/ collar 8.15, OD 13.76,
 Length 12.46, Height/ collar 5.44

Pkg. 10



332662 Washer

Servicing: 228000-0940, 228000-0941,
 228000-2900
 ID 5.20, OD 8.50, Height 2.65

Armatures
12 Volt

130147 Armature

Replacing: 23276

Servicing: 6185, 6185a, 6185b, 6185c, 6202, 6202a, 6202b, 6219, 6219a, 6219b, 6219c, 6241A

 0.8 kW, Shaft length 232.00,
Core thickness 57.00, No./ splines 9,
Rotation ACR

130176 Armature

Replacing: 618206, 19256

Servicing: 533002, 533003, 533004, 618071E, 618071F, 618073E, 618073F, 618358A, 618358B, 6189, 6189d, 6189e, 6189ef, 6189f, 6190

 1 kW, Shaft length 252.00,
Core thickness 57.00, No./ splines 9,
Rotation CR

130949[#] Armature

Replacing: 618687

Servicing: 534002, 534004, 534005, 6246, 6246A, 6246C

 0.8/1 kW, Shaft length 210.00,
Core thickness 60.00, No./ splines 9,
Rotation CR

131094[#] Armature

Replacing: 612117

Servicing: 532002, 532003, 532004, 532009, 532010, 532018, 6231C

 0.8/0.95/1 kW, Shaft length 244.50,
Core thickness 56.50, No./ splines 11,
Rotation CR

132171 Armature

Replacing: 618242, 605999

Servicing: 6127, 6180, 6232, 6232A, 6233, 6233A

 2 kW, Shaft length 318.00,
Core thickness 73.45, No./ splines 6,
Rotation CR

133221 Armature

Replacing: 618686

Servicing: 532012, 532021, 532023, 6202c, 6202d, 6202f

 0.75 kW, Shaft length 219.50,
Core thickness 56.60, No./ splines 9,
Rotation ACR

133228 Armature

Replacing: 583249

Servicing: 534023, 534029, 534029A, 534031, 534031A, 534032, 534032A, 534042, 534042A, 534042B, 534043, 534043A, 534044, 534047

 0.8/1/1.2 kW, Shaft length 189.00,
Core thickness 60.20, No./ splines 9,
Rotation CR

133229 Armature

Replacing: 583236

Servicing: 534027, 534027A, 534028, 534036

 1.05 kW, Shaft length 221.30,
Core thickness 60.40, No./ splines 9,
Rotation CR

133662[#] Armature

Replacing: 583512, 583312

Servicing: 534048, 534048A

 1 kW, Shaft length 193.30,
Core thickness 61.80, No./ splines 9,
Rotation CR

133899 Armature

Replacing: 583342

Servicing: 534053, 534054, 534054D

 0.8 kW, Shaft length 173.15,
Core thickness 60.20, No./ splines 9,
Rotation CR

133937 Armature

Replacing: 583154

Servicing: 538005, 538005B

 2.5 kW, Shaft length 305.20,
Core thickness 73.15, No./ splines 11,
Rotation ACR



134652 Armature
 Replacing: 583344
 Servicing: 534055, 534055E
 1.2 kW, Shaft length 191.60, No./ splines 9,
 Core thickness 60.25, Rotation CR



235769 Armature
 Replacing: 606387
 Servicing: 6187, 6231, 6231a, 6231b, 6231d
 Shaft length 243.00,
 Core thickness 56.70, No./ splines 9

Field Coils

12 Volt



130171# Field Coil
 Replacing: 680573, 618142, 606082, 22994,
 22283, 20747, 17938, 12938
 Servicing: 532000A, 532000b, 532001A, 532002,
 532009, 532010, 532014, 532018, 6035E, 6081D,
 6155F, 6155G, 6183B, 6183C, 6183F
 12 V, 1/1.2 kW, Height 99.70,
 Width 189.50, Internal height 61.50,
 Inner width 21.00

D.E. Brackets



231749# D.E. Bracket
 Replacing: 611318
 Servicing: 6189, 6189d, 6212, 6242a

Solenoids

Solenoid Parts

Solenoid Caps



131172 Solenoid Cap
 Servicing: 534004, 534005, 534007, 534009,
 534029, 534031, 534042, 534043, 534045,
 534048, 534049, 534053, 534054, 534055,
 534057
 No./ terminals 3
 HC-CARGO 131211, 133123.



131322 Solenoid Cap
 Servicing: 532003, 532004, 532009, 532018,
 533000, 533002, 583036, 6190
 No./ terminals 3, Bracket type Crimp
 HC-CARGO 131013.



131323 Solenoid Cap
 Servicing: 532002, 532003, 532004, 532008,
 532010, 532012, 532014, 532016, 532020,
 532021, 532023, 583079, 583080, 6128,
 6136
 No./ terminals 3, Bracket type Crimp
 HC-CARGO 133178.



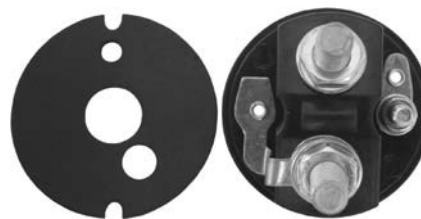
132035 Solenoid Cap
 Servicing: 534042, 534943, 583333, 683457
 No./ terminals 3
 HC-CARGO 133122.



132274 Solenoid Cap
 Servicing: 532027, 534023, 534027, 534028,
 534032, 534032A, 534036, 534039, 534044,
 534046, 534047, 534050, 534056, 583331,
 683262
 No./ terminals 3
 HC-CARGO 133120.



133645 Solenoid Cap
 Servicing: 532011, 533001, 534002, 536001,
 538005, 538006, 583098, 583302, 6236,
 6239, 681726
 No./ terminals 3



133768 Solenoid Cap
 Servicing: 060111, 061475, 606916, 606919,
 606927, 608819, 6109, 610913, 6127, 6180,
 6192, 6232, 6233, 681438
 No./ terminals 3, Bracket type Crimp
 HC-CARGO 131797.



133771# Solenoid Cap
 Servicing: 583330, 681872, 683287, 683480,
 683487, 8293, 8294
 No./ terminals 3
 HC-CARGO 133121.

Moving Contacts


Pkg. 5

132036 Moving Contact

Servicing: 583330, 583331, 681872, 683262, 683287, 683480

Length 37.00, Shaft measurement 42.45, Thickness 2.45, Width 14.00



Pkg. 5

132147 Moving Contact

Servicing: 583161, 683099, 683487

 Length 33.30, Shaft measurement 43.00, Thickness 3.00, Width 14.00
Silver plated.

Alternative no.: b132147



Pkg. 10

134150 Contact Plate

Length 32.50, Width 14.00



Pkg. 100

B132147 Moving Contact

Replacing: 132147

 Length 33.30, Shaft measurement 43.00, Thickness 2.95, Width 14.00
 Alternative no.: 132147

Fixed Contacts


Pkg. 10

134146[#] Fixed Contact

Total length 38.35, Length/ rear collar 22.80, Thread length 16.75, Thread size M8



Pkg. 10

134147 Fixed Contact

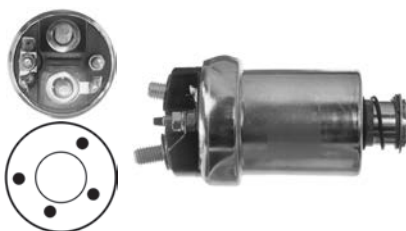
Total length 23.30, Length/ rear collar 17.55, Thread length 12.30, Thread size M8



Pkg. 10

134148[#] Fixed Contact

Total length 33.40, Length/ rear collar 28.00, Thread length 22.70, Thread size M8

12 Volt

131006 Solenoid

Replacing: 683507, 683411, 683186, 683041, 682110, 682108, 682106, 682104, 681774, 680954, 680642, 680563

Servicing: 532000A, 532000AB, 532000B, 532001A, 532014, 533003, 533004, 6161F, 6161H, 6176C, 6176EG, 6183C, 6183CFG, 6183F, 6183G

12 V, B+ M8, Kl. 15a M5, Kl. 50 6.30, OD 45.65, OD/ cover 48.45, Total length 116.65, Height/ B+ 12.90, Width/ kl. 15a 13.00, Width/ kl. 50 8.70, Coil bolt M8, Coil bolt 2 7.75, No./ terminals 4


131007 Solenoid

 Replacing: 682244, 608407, 607918, 581381
 Servicing: 532012, 6208, 6217, 6217a, 6217B, 6217C, 6217D, 6217E, 6217F, 6217G, 6217H

12 V, B+ M8, Kl. 50 6.30, OD 45.90, OD/ cover 50.40, Total length 116.75, Height/ B+ 13.15, Width/ kl. 50 10.25, Coil bolt M8, Coil bolt 2 9.30, No./ terminals 3

Cap: HC-CARGO 131320.

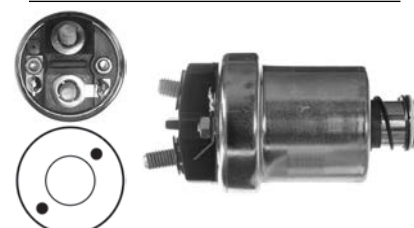

131009 Solenoid

Replacing: 8249, 701414, 701412, 680566, 680560, 680559, 618695, 606893, 606753, 1414

Servicing: 532021, 532023, 533000, 6035E, 6081EF, 6136, 6172, 6185, 6189, 6189A, 6189B, 6189C, 6189D, 6202, 6202A, 6202B, 6202C

12 V, B+ M8, Kl. 50 6.30, OD 46.00, OD/ cover 47.80, Total length 107.80, Height/ B+ 16.00, Width/ kl. 50 16.35, Coil bolt M8, Coil bolt 2 8.55, No./ terminals 3

Cap: HC-CARGO 131321.


131010 Solenoid

Replacing: 708289, 701426, 701424, 682115, 682102, 681411, 618511, 618480, 618136, 618010, 606913, 606903

Servicing: 533003, 533004, 6045B, 6139BC, 6155HJKL, 6185A, 6185ABC, 6185B, 6185C, 6219A, 6219ABC, 6219B, 6219C, 6227A, 6227AB

12 V, B+ M8, Kl. 30h M5, Kl. 50 6.30, OD 45.80, OD/ cover 47.55, Total length 106.60, Height/ B+ 12.35, Width/ kl. 30h 13.00, Width/ kl. 50 8.95, No./ terminals 4

Cap: HC-CARGO 133769.

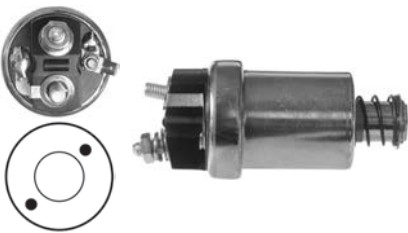


131013 Solenoid

Replacing: 583036

Servicing: 532003, 532004, 532008, 532009, 532018, 533002, 6162C, 6162e, 6190, 6190A, 6190AB, 6190B

12 V, B+ M8, Kl. 50 6.30, OD 46.00, OD/ cover 48.35, Total length 119.25, Height/ B+ 18.60, Width/ kl. 50 16.00, Coil bolt M8, Coil bolt 2 10.85, No./ terminals 3
Cap: HC-CARGO 131322.



131208 Solenoid

Replacing: 777265, 760111, 680955, 680952, 618220, 606919, 606916, 60111, 583159

Servicing: 6083B, 6083C, 6083D, 6099CD, 6127, 6127C, 6180, 6180B, 6232, 6232A, 6233, 6233A

12 V, B+ M8, Kl. 50 6.30, OD 45.80, OD/ cover 47.75, Total length 127.65, Height/ B+ 16.70, Width/ kl. 50 9.25, Coil bolt M8, Coil bolt 2 9.80, No./ terminals 3
Cap: HC-CARGO 133768.

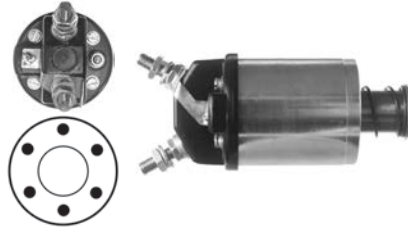


131797 Solenoid

Replacing: 761475, 681438, 618702, 606927, 606896, 60116

Servicing: 6056HJ, 6109, 6109FGHKL, 6192, 6192B, 6192BCJ, 6192C, 6192J, 6192K, 6192L

12 V, B+ M8, Kl. 50 M5, OD 45.80, OD/ cover 47.65, Total length 128.00, Height/ B+ 14.50, Width/ kl. 50 13.60, Coil bolt M8, Coil bolt 2 15.10, No./ terminals 3
Cap: HC-CARGO 133768.

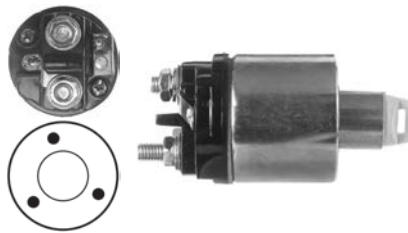


132241 Solenoid

Replacing: 680480, 608299

Servicing: 6207, 6207A, 6207B, 6207C

12 V, B+ M8, Kl. 50 M5, OD 57.00, OD/ cover 62.00, Total length 141.70, Height/ B+ 23.75, Width/ kl. 50 13.85, Coil bolt M8, Coil bolt 2 24.15, No./ terminals 3

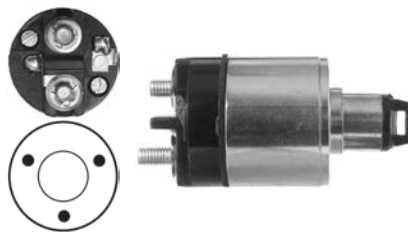


133120 Solenoid

Replacing: 683487, 583618, 583331, 583261

Servicing: 532027, 534032, 534032A, 534036, 534047, 534051A, 534056

12 V, B+ M8, Kl. 50 6.30, ID/ cover 23.15, OD 50.90, OD/ cover 51.55, Total length 96.85, Height/ B+ 16.15, Width/ kl. 50 12.60, Coil bolt M8, Coil bolt 2 12.15, No./ terminals 3
Cap: HC-CARGO 132274.

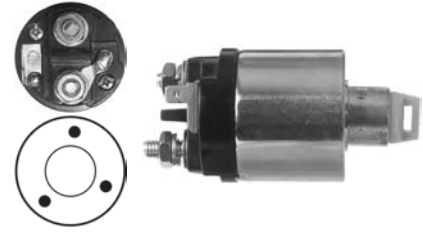


133121 Solenoid

Replacing: 683427, 583486, 583330

Servicing: 534023, 534039, 534039A, 534044, 534046, 534050, 534050A, 534050B, 8293, 8294

12 V, B+ M8, Kl. 50 6.30, ID/ cover 23.25, OD 52.00, OD/ cover 52.00, Total length 94.80, Height/ B+ 13.00, Width/ kl. 50 11.35, Coil bolt M8, Coil bolt 2 9.00, No./ terminals 3
Cap: HC-CARGO 133771.



133122 Solenoid

Replacing: 683457, 683456, 683262, 680958, 583333

Servicing: 534029, 534029A, 534031, 534031A, 534042, 534042A, 534042B, 534043, 534043A, 534057

12 V, B+ M8, Kl. 50 6.30, ID/ cover 23.25, OD 50.75, OD/ cover 51.65, Total length 97.00, Height/ B+ 15.85, Width/ kl. 50 11.55, Coil bolt M8, Coil bolt 2 12.10, No./ terminals 3
Cap: HC-CARGO 132035.



133123 Solenoid

Replacing: 683523, 683522, 583335

Servicing: 534048, 534048A, 534053, 534054, 534055

12 V, B+ M8, Kl. 50 6.30, ID/ cover 23.30, OD 50.80, OD/ cover 51.55, Total length 97.00, Height/ B+ 16.40, Width/ kl. 50 11.85, Coil bolt M8, Coil bolt 2 12.00, No./ terminals 3
Cap: HC-CARGO 131172.



133177 Solenoid

Replacing: 680565, 680558

Servicing: 6139, 6155, 6185, 6219, 6227

12 V, B+ M8, Kl. 50 6.30, OD 46.10, OD/ cover 49.45, Total length 102.80, Height/ B+ 14.25, Width/ kl. 50 11.20, Coil bolt M8, Coil bolt 2 8.35, No./ terminals 3
Cap: HC-CARGO 133774.


133178 Solenoid

Replacing: 583079

Servicing: 532002, 532010, 532020, 6183, 6187, 6203, 6216, 6220, 6231, 6231A, 6231B, 6231C, 6231D, 6247

 12 V, B+ M8, Kl. 50 M5, OD 46.30, OD/ cover 51.15, Total length 122.00, Height/ B+ 19.60, Width/ kl. 50 13.90, Coil bolt M8, Coil bolt 2 9.00, No./ terminals 3
 Cap: HC-CARGO 131323.

Drives

130422 Drive

Replacing: 681397, 22225

Servicing: 6177, 618075, 618089, 6207, 6207A, 6207B, 6207C

ID 14.00, OD 36.25, OD/ housing 60.20, Total length 76.60, Splines A 6, No./ teeth 9, Rotation CR


130424 Drive

Replacing: 681378, 60846

Servicing: 532021, 532023, 6136, 6185, 6185A, 6185B, 6185C, 6219, 6219A, 6219B, 6219C

ID 12.00, OD 25.20, OD/ housing 46.20, Total length 59.50, Splines A 9, No./ teeth 9, Rotation ACR


130425 Drive

Replacing: 60991

Servicing: 6202, 6202A, 6202b, 6202c, 6202d, 6202f

ID 12.00, OD 29.00, OD/ housing 46.00, Total length 59.85, Splines A 9, No./ teeth 9, Rotation ACR


130432 Drive

Replacing: 682150, 680663, 612355, 605055, 605028

Servicing: 532020, 533000, 533002, 533003, 533004, 534002, 534004, 534005, 534007, 6189, 6189D, 6189E, 6189F, 6190, 6190A, 6190B

ID 12.00, OD 25.25, OD/ housing 46.20, Total length 68.05, Splines A 9, No./ teeth 9, Rotation CR


130434 Drive

Replacing: 79692, 681380, 611736, 609477, 606416, 19567, 18678

Servicing: 532000A, 532000B, 532001A, 6128, 6172, 6183B, 6183C, 6183F, 6183G, 6187, 6187C, 6187E, 6187F, 6224B, 6224C, 6224D, 6227

ID 12.00, OD 25.30, OD/ housing 46.45, Total length 61.70, Splines A 9, No./ teeth 9, Rotation CR


131021 Drive

Replacing: 618744, 611942

Servicing: 532002, 532003, 532004, 532008, 532009, 532010, 532018, 6231C, 7562A, 7562B, 7562C, 7562D, 7562E, 7562F

ID 13.00, OD 25.20, OD/ housing 46.20, Total length 61.50, Splines A 11, No./ teeth 9, Rotation CR


131083 Drive

Replacing: 680589

Servicing: 6236, 6236B, 6236C, 6239

ID 12.10, OD 25.55, OD/ housing 46.20, Total length 80.65, Splines A 9, No./ teeth 9, Rotation CR


131188 Drive

Replacing: 611734, 606415, 17946

Servicing: 532011, 533001, 6155G, 6161H

ID 12.00, OD 25.30, OD/ housing 47.05, Total length 67.80, Splines A 9, No./ teeth 9, Rotation ACR


131596 Drive

Replacing: 681898

Servicing: 538006

ID 14.20, OD 29.15, OD/ housing 59.30, Total length 79.90, Splines A 11, No./ teeth 9, Rotation CR



132078 Drive

Replacing: 681398, 20795, 16866
 Servicing: 6056HJ, 6109, 6109FGHKL, 6160DEFG, 6192, 6192B, 6192BCJ, 6192C, 6192J, 6192K, 6192L, 6193A, 6193AB, 6193B
 ID 14.00, OD 29.30, OD/ housing 60.50, Total length 73.38, Splines A 6, No./ teeth 9, Rotation CR



132170 Drive

Replacing: 683334
 Servicing: 6127, 6127C, 6180, 6180A, 6232, 6232A, 6233, 6233A
 ID 14.00, OD 39.75, OD/ housing 60.00, Total length 84.75, Splines A 6, No./ teeth 10, Rotation CR



132181 Drive

Replacing: 583336, 583289, 583277
 Servicing: 534023, 534029, 534031, 534032, 534039, 534042, 534043, 534044, 534047, 534053, 534054, 534055, 534057, 537039, 8293
 ID 12.00, OD 25.25, OD/ housing 46.25, Total length 53.00, Splines A 9, No./ teeth 9, Rotation CR
w/ lever.



132182 Drive

Replacing: 583307
 Servicing: 534046, 534046A, 534048, 534050, 534050A
 ID 12.00, OD 25.25, OD/ housing 47.00, Total length 59.85, Splines A 9, No./ teeth 9, Rotation CR
w/ lever.



132184[#] Drive

Replacing: 682685
 Servicing: 534009, 534009A, 534009B, 534009C
 ID 12.00, OD 25.30, OD/ housing 47.00, Total length 70.50, Splines A 9, No./ teeth 9, Rotation CR



132185[#] Drive

Replacing: 681878, 681873
 Servicing: 532012
 ID 12.00, OD 26.90, OD/ housing 47.00, Total length 59.00, Splines A 9, No./ teeth 10, Rotation ACR



132197 Drive

Replacing: 683117
 Servicing: 534027, 534027A, 534028, 534028A, 534036, 534036A
 ID 12.00, OD 29.45, OD/ housing 48.50, Total length 66.00, Splines A 9, No./ teeth 11, Rotation CR



132344 Drive

Replacing: 682215
 Servicing: 532014
 ID 13.00, OD 25.45, OD/ housing 46.00, Total length 68.00, Splines A 11, No./ teeth 9, Rotation CR



132643[#] Drive

Replacing: 583298
 Servicing: 532024A, 532027, 534027
 ID 12.00, OD 29.35, OD/ housing 47.00, Total length 52.75, Splines A 9, No./ teeth 11, Rotation CR
w/ lever.



133158 Drive

Replacing: 682496
 Servicing: 538005, 538005B, 538005C
 ID 14.25, OD 28.50, OD/ housing 59.00, Total length 79.80, Splines A 11, No./ teeth 9, Rotation ACR



135389 Drive

Replacing: 584185
 ID 12.00, OD 29.00, OD/ housing 54.00, Total length 54.50, Splines A 9, No./ teeth 11, Rotation CR



235088 Drive

Replacing: 079240, 079238, 073811, 072083
 Servicing: 6083, 6083b, 6083c, 6083d, 6099, 6099cd
 ID 14.00, OD 40.00, OD/ housing 57.80, Total length 75.15, Splines A 6, No./ teeth 10, Rotation CR

Levers

132632 Lever

Replacing: 583357

Servicing: 532000A, 532000AB, 532000B, 532001A, 532012, 532020, 532021, 532023, 533002, 533003, 533004, 6155, 6155HJKL, 6172, 6176

Dist. 33.45, ID 5.15, Length 92.60


132633 Lever

Replacing: 611509, 583363

Servicing: 532002, 532003, 532004, 532008, 532009, 532010, 532014, 532018, 6223A, 6231C

Dist. 37.45, ID 5.15, Length 91.30

Brush Gears

Pkg. 10


132574 Brush Gear

Servicing: 532012, 532016, 532021, 532023, 532027, 534002, 534004, 534005, 534007, 534009, 534023, 534029, 534031, 534032, 534039

OD 51.30

Brush kit: HC-CARGO USX91922. Brush spring: HC-CARGO 132994. Insulator: HC-CARGO 132994.

Brush Gear Parts
Brush Springs

Pkg. 10


133889 Brush Spring

Servicing: 534053C

OD 12.60, Length 42.45

Various

Pkg. 5


132994 Insulator

Servicing: 532012, 532021, 532023, 534002, 534009, 534029, 534031, 534032, 534039, 534042, 534043, 534047, 534048, 534054, 534055

Brush gear: HC-CARGO 132574.

Brush Sets

140849 Brush/Spring Kit

Replacing: 618491

Servicing: 532002, 532003, 532004, 532009, 532010, 532011, 532018, 532020, 533002, 6081ef, 6139bc, 6155hjdkl, 6172, 6176eg, 6185

12 V, Length 15.00, Lead length 39.50, Lead length 2 62.00, Height 15.00, Thickness 8.00

Brush set: HC-CARGO USX73-852.

Alternative no.: US60


US60 Brush

Replacing: 140849

12 V, Length 14.88, Lead length 54.50, Height 14.95, Thickness 7.97

Alternative no.: 140849


USX50-512 Brush Set

Replacing: 680549, 60556, 079325

6/12 V, Length 13.00, Lead length 63.50, Height 19.00, Thickness 9.00


USX50-514 Brush Set

Replacing: 618509, 60567

Servicing: 6056HJ, 6083B, 6083BCD, 6083C, 6083D, 6099CD, 6109FGHKL, 6127, 6160DEFG, 6169AB, 6177AC, 6192B, 6192BCJ, 6192C, 6192J

Length 13.00, Lead length 46.00, Height 19.00, Thickness 8.80


USX64-652 Brush Set

Replacing: 75217, 74042, 078042, 075244, 074043

6 V, Length 15.00, Lead length 46.00, Height 15.00, Thickness 8.00



USX682 Brush Set

Replacing: 618570
 12 V, Length 15.00, Lead length 46.00,
 Height 15.00, Thickness 8.00



USX73-852 Brush Set

Replacing: 75238, 75226, 611795, 609778,
 609592, 23283, 20856, 19252
 Servicing: 532000A, 532000AB, 532000B,
 532001A, 6045B, 6081EF, 6092B, 6139BC,
 6155HJKL, 6176EG, 6178A, 6178B, 6178C,
 6178D, 6183B
 12 V, Length 15.00, Lead length 50.00,
 Height 15.00, Thickness 8.00
 Brush set w/springs: HC-CARGO 140849.



USX76-77-78 Brush Set

Replacing: 618539, 608818, 607084, 22136
 12 V, Length 15.00, Lead length 50.59,
 Height 15.00, Thickness 8.00



USX91-922 Brush Set

Replacing: 618692, 618691, 583041
 Servicing: 6202C, 6202CDE, 6202F, 6217F,
 6217FG, 6217G, 6217H, 6246A, 6246AC,
 6246C
 12 V, Length 15.00, Lead length 61.00,
 Height 6.00/11.70, Thickness 13.00



USX93-942/1 Brush Set

Replacing: 583241
 12 V, Length 15.00/18.50,
 Lead length 50.00, Lead length 2 126.50,
 Height 5.50/8.20, Thickness 13.10

Brushes



US50 Brush

Replacing: USX50-514, USX50-512
 6/12 V, Length 13.08,
 Lead length 48.50, Height 18.93,
 Thickness 8.68
 Alternative no.: USX50-512



US51 Brush

Replacing: USX50-514, USX50-512
 6/12 V, Length 13.05,
 Lead length 68.47, Height 18.93,
 Thickness 8.69
 Alternative no.: USX50-512



US73/0 Brush

Replacing: USX73-852
 12 V, Length 14.95, Lead length 41.50,
 Height 14.90, Thickness 7.90
 Alternative no.: USX73-852



US91/0 Brush

Replacing: USX91-922
 12 V, Length 15.12, Lead length 42.70,
 Height 13.10, Thickness 10.85
 Alternative no.: USX91-922



US92/0 Brush

Replacing: USX91-922
 12 V, Length 15.05, Lead length 67.00,
 Height 13.00, Thickness 10.78
 Alternative no.: USX91-922



US93/0 Brush

Replacing: USX93-942/1
 12 V, Length 18.45, Lead length 42.60,
 Height 13.12, Thickness 8.15
 Alternative no.: USX93-942/1



US94/0 Brush

Replacing: USX93-942/1
 12 V, Length 17.10, Lead length 117.00,
 Lead length 2 59.50, Height 12.85,
 Thickness 8.00
 Alternative no.: USX93-942/1

Pkg. 100

Pkg. 100

Pkg. 100

Pkg. 100

Pkg. 100

Pkg. 100

Pkg. 100

Bushings

Pkg. 10


140038 Bushing

 Replacing: 98888
 Servicing: 6128, 6136, 6172, 6227
 ID 10.07, OD 13.05, Length 12.00
 Alternative no.: b140038

Pkg. 10


140040 Bushing

 Replacing: 97658, 68412, 601476
 Servicing: M78, M79, 532012, 532014, 532016, 532021, 532023, 532027, 533000, 534002, 534004, 534005, 534007, 534009, 534023
 ID 12.00, OD 15.00, Length 12.00
 Alternative no.: b140040

Pkg. 10


140041 Bushing

 Replacing: 600664
 Servicing: 532016, 6217D, 6217E, 6217F, 6217G
 ID 12.05, OD/ collar 18.00, OD 15.07, Length 13.50, Height/ collar 1.50

Pkg. 10


140042 Bushing

 Replacing: 600628, 600609
 Servicing: 532003, 532004, 532008, 532014, 536001, 6220, 6247
 ID 13.04, OD 15.05, Length 14.50
 Alternative no.: b140042

Pkg. 10


140043 Bushing

 Replacing: 84909, 68903, 68902, 68430
 Servicing: 532002, 532003, 532004, 532008, 532009, 532010, 532011, 532012, 532018, 532020, 533000, 533001, 533002, 533003, 533004
 ID 12.10, OD 15.05, Length 15.00
 Alternative no.: b140043

Pkg. 10


140050 Bushing

 Replacing: 672541
 ID 10.08, OD 14.02, Length 13.50
 Alternative no.: b140050

Pkg. 10


140064 Bushing

 Replacing: 82775
 ID 12.07, OD 15.05, Length 20.00
 Alternative no.: b140064

Pkg. 10


140068 Bushing

 Replacing: 87880
 ID 17.05, OD 21.05, Length 20.00
 Alternative no.: b140068

Pkg. 10


140157 Bushing

 Replacing: 602039
 Servicing: 532002, 532009, 532010, 532018, 6231C
 ID 13.04, OD 15.04, Length 12.00

Pkg. 10


140257 Bushing

 Replacing: 94909
 Servicing: 6236, 6239
 ID 15.95, OD 19.15, Length 14.00
 Alternative no.: b140257

Pkg. 10


140264 Bushing

 Replacing: 28936
 Servicing: 6109, 6127, 6180, 6192, 6232, 6233
 ID 16.27, OD 19.15, Length 15.00
 Alternative no.: b140264

140533 Bushing Kit

 Replacing: 583348
 Servicing: 532000A, 532000AB, 532000B, 532001A, 6045B, 6081EF, 6083B, 6083BCD, 6083C, 6083D, 6155HJKL, 6176EG, 6183B, 6183C
 ID 12.07, OD 15.07, Length 12.01



140543 Bushing Kit

Replacing: 583372

Servicing: 6056HJ, 6092B, 6099CD, 6109, 6109FGHKL, 6160DEFG, 6169AB, 6177AC, 6180, 6192, 6192B, 6192BCJ, 6192C, 6192J, 6193A

Pkg. 10



140621 Bushing

ID 12.00, OD 13.20, Length 16.15

Pkg. 10



140622 Bushing

ID 11.75, OD 13.40, Length 11.00
Alternative no.: b140622

Pkg. 10



140623 Bushing

ID 13.40, OD 13.60, Length 22.20

Pkg. 10



140667 Bushing

Replacing: 68763

ID 14.05, OD 18.05, Length 15.00

Pkg. 100



B140038 Bushing

Replacing: 98888

ID 10.07, OD 13.05, Length 12.00
Alternative no.: 140038

Pkg. 100



B140040 Bushing

Replacing: 97658, 68412, 601476

ID 11.95, OD 15.00, Length 12.00
Alternative no.: 140040

Pkg. 100



B140042 Bushing

Replacing: 600628, 600609

ID 13.04, OD 15.05, Length 14.50
Alternative no.: 140042

Pkg. 100



B140043 Bushing

Replacing: 84909, 68903, 68902, 68430

ID 12.10, OD 15.05, Length 15.00
Alternative no.: 140043

Pkg. 100



B140050 Bushing

Replacing: 672541

ID 10.08, OD 14.02, Length 13.50
Alternative no.: 140050

Pkg. 100



B140064 Bushing

Replacing: 82775

ID 12.07, OD 15.05, Length 20.00
Alternative no.: 140064

Pkg. 100



B140068 Bushing

Replacing: 87880

ID 17.05, OD 21.05, Length 20.00
Alternative no.: 140068

Pkg. 100



B140257 Bushing

Replacing: 94909

ID 15.95, OD 19.15, Length 14.00
Alternative no.: 140257

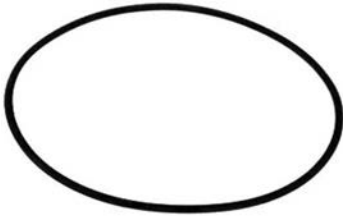
Pkg. 100


B140264 Bushing

 Replacing: 28936
 ID 16.27, OD 19.15, Length 15.00
 Alternative no.: 140264

Sundry Parts
O-rings

Pkg. 10


134491 O-ring

ID 40.00, Thickness 1.00

Various

Pkg. 5


132924 Cover

 Servicing: 532002, 532003, 532004, 532009,
 532010, 532011, 532014, 532017, 532018,
 532020, 532021, 532023, 533001, 533003,
 533004
 OD 23.40, Height 12.45

Pkg. 10


134140 Connection

Old type.

Pkg. 10


134158 Lock Ring

 Servicing: 532002, 532009, 532010, 532011,
 532018, 532021, 532023, 534002, 538006,
 6172, 6185, 6202F, 6219, 6227, 6231C, 6236

Pkg. 10


136328# Spring

 Servicing: 532002, 532009, 532010, 532016,
 532018, 532020, 533002, 533003, 533004,
 534055, 6172, 6183b, 6183c, 6183f, 6183g,
 6185
 OD 25.00, Length 27.00

Pkg. 5


137165# Grommet

 Servicing: 534004, 534005, 534009, 534027,
 534028, 534029, 534031, 534032, 534039,
 534042, 534043, 534047, 534057

Pkg. 10


138766 Brake Washer

ID 12.20, OD 19.00, Thickness 0.80

Pkg. 10


234665 Gasket

 Servicing: 532021, 532023, 6172, 6185,
 6187, 6219, 6227
 Length 62.60, Thickness 0.60,
 Width 44.55 mm

Armatures
12 Volt

130945 Armature

Replacing: 8083006

Servicing: b76-0.5/12

 0.5 kW, Shaft length 230.00,
 Core thickness 51.75, No./ splines 2,
 Rotation ACR

136708 Armature

Replacing: 8183000, 8020063000

 Servicing: 8020040000, 8020060000,
 8020070000, 8060000, 8180000, 8190000,
 r80.04, R8006, R8007, r80k, R80N, r80z

 1 kW, Shaft length 220.70,
 Core thickness 51.50, No./ splines 12,
 Rotation CR

Field Coils
12 Volt

136710 Field Coil

Replacing: 8121200, 8020011200

 Servicing: 8020010000, 8020020000,
 8020040000, 8020060000, 8060000,
 8100001, 8120000, 8180000, 8190000,
 R80.04, R80C, R80K

 12 V, 1 kW, Height 76.65,
 Width 172.20, Internal height 53.35,
 Inner width 13.00

Solenoids
12 Volt

130848 Solenoid

Replacing: 8088006

Servicing: b76-0.5/12

12 V


131437 Solenoid

Replacing: 9540000, 9244000, 9240000

 Servicing: 8020010000, 8020020000,
 8020040000, 8020060000, 8060000,
 8100001, 8120000, 8180000, 8190000,
 E100N-1.5/12, R100.02

 12 V, B+ M8, Kl. 50 6.30,
 ID/ cover 22.00, OD 50.40,
 OD/ cover 50.40, Total length 127.50,
 Height/ B+ 21.45, Width/ kl. 50 13.95,
 Coil bolt M8, Coil bolt 2 23.00,
 No./ terminals 3

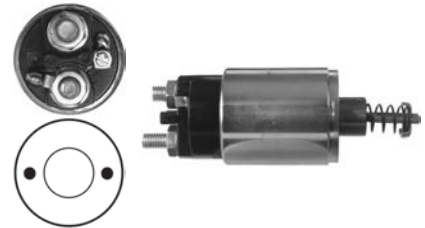
Cap: HC-CARGO 132229. Moving contact: HC-CARGO 132246.


133840[#] Solenoid

Replacing: 9140010

Servicing: r76.02, r76a, r80.04, r80k

 12 V, B+ M8, Kl. 50 6.30,
 ID/ cover 22.25, OD 51.45,
 OD/ cover 49.80, Total length 126.45,
 Height/ B+ 22.35, Width/ kl. 50 11.00,
 Coil bolt M8, Coil bolt 2 22.15,
 No./ terminals 3

24 Volt

133096[#] Solenoid

 Replacing: we10a, 9610100, 9610010,
 8050018000

 24 V, B+ M10, OD 57.00,
 OD/ cover 50.00, Total length 161.20,
 Height/ B+ 20.80, Width/ kl. 50 2.65,
 Coil bolt M10, Coil bolt 2 15.00,
 No./ terminals 3

Cap: HC-CARGO 133157. Lever: HC-CARGO 131183.

Solenoid Parts
Solenoid Caps

Pkg. 5


132229 Solenoid Cap

 Servicing: e100n-1.5/12, R100.02, R76.02,
 R76A, R80.04, R80K

No./ terminals 3

 HC-CARGO 131437, 132227, 132228, 133083,
 133566, 139785, 139786, 230325.

Drives

130740 Drive

Replacing: 8087006

Servicing: b76-0.5/12

 ID 11.50, OD 25.30, OD/ housing 41.30,
 Total length 65.00, Splines A 2,
 No./ teeth 9, Rotation ACR


132075 Drive

Replacing: 9087000

Servicing: e100n-1.5/12, r100.02

 ID 14.00, OD 29.00, OD/ housing 46.20,
 Total length 70.00, Splines A 6,
 No./ teeth 9, Rotation CR

133841 Drive

Replacing: 8097002

Servicing: r76.02, r76a

 ID 11.50, OD 25.00, OD/ housing 44.00,
 Total length 65.30, Splines A 12,
 No./ teeth 9, Rotation ACR

136709 Drive

Replacing: 8187000, 8020067000

 Servicing: 8020040000, 8020060000,
 8020070000, 8060000, 8180000, 8190000,
 R80.04, r80k, R80N, r80z

 ID 11.65, OD 25.20, OD/ housing 45.00,
 Total length 68.00, Splines A 12,
 No./ teeth 9, Rotation CR

Levers

132202 Lever

Replacing: 8087186

Servicing: b76-0.5/12

Dist. 41.35, ID 8.00, Length 124.70

Brush Sets

BSX964 Brush Set

Replacing: 8060014040

Servicing: R11K

 12 V, Length 23.00, Lead length 43.00,
 Height 25.00, Thickness 10.00
 Alternative no.: BS96

JSX134 Brush Set

Replacing: 9084040

Servicing: E100, e100-1.5/12, e100n-1.5/12

 12 V, Length 20.00, Lead length 33.50,
 Height 16.00, Thickness 7.00
 Alternative no.: JS13

JSX52 Brush Set

Replacing: 8084046

 12 V, Length 17.00, Lead length 24.50,
 Height 16.00, Thickness 6.00

Alternative no.: JS5

Bushings

140046 Bushing

Replacing: 9084020

Servicing: e100n-1.5/12, R100.02

 ID 12.00, OD 16.00, Length 16.90
 Alternative no.: b140046

Pkg. 10

Pkg. 10


140049 Bushing

Replacing: 9085020

Servicing: e100n-1.5/12, R100.02

 ID 12.11, OD 16.01, Length 24.00
 Alternative no.: b140049

Pkg. 10


140050 Bushing

Replacing: 8084316

Servicing: E80-1/12, R76.02, R76A, R80C

 ID 10.08, OD 14.02, Length 13.50
 Alternative no.: b140050

Sundry Parts
Various

Pkg. 10


132122 Brake Washer

Replacing: 9089060

 Servicing: e100-1.5/12, e100n-1.5/12,
 r100.02

 ID 24.45, OD 36.50, Thickness 7.50,
 Material Plastic

Pkg. 5


234715 Rubber Gasket

Replacing: 8085316

Servicing: b76-0.5/12

Armatures
12 Volt

130360 Armature

Replacing: 17127-1

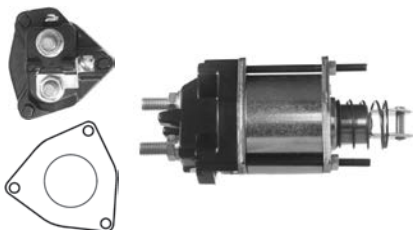
Servicing: MTS12-1, MTS12-21, MTS12-22, MTS12-23, MTS12-23S, MTS12-29, MTS12-3, MTS12-34, MTS12-39, MTS12-42, MTS12-47, MTS12-48
 0.8 kW, Shaft length 250.00,
 Core thickness 54.40, No./ splines 12,
 Rotation CR

Field Coils
12 Volt

130359# Field Coil

Replacing: 17181-2

Servicing: MTS12-1, MTS12-21, MTS12-22, MTS12-23, MTS12-23S, MTS12-29, MTS12-3, MTS12-34, MTS12-39, MTS12-42, MTS12-47, MTS12-48
 12 V, 0.8 kW, Height 80.45, Width 166.00,
 Internal height 55.25, Inner width 16.35

Solenoids
12 Volt

130377 Solenoid

Replacing: 30430-1

Servicing: MTA12-P30, MTA12P-7, MTD12-14, MTS12-1, MTS12-21, MTS12-22, MTS12-23, MTS12-23S, MTS12-29, MTS12-39, MTS12-42
 12 V, B+ M8, Kl. 50 6.30, OD 54.70,
 OD/ cover 64.35, Total length 148.85,
 Height/ B+ 22.40, Width/ kl. 50 22.80,
 Coil bolt M8, Coil bolt 2 22.40,
 No./ terminals 3
 Cap: HC-CARGO 131325.


131437 Solenoid

Replacing: 10332-9

Servicing: MTA12-13, MTA12-19, MTA12-19M, MTA12-3, MTA12-30, MTA12-37, MTA12-40, MTA12-41, MTA12-43, MTA12-P19, MTS12-22
 12 V, B+ M8, Kl. 50 6.30,
 ID/ cover 22.00, OD 50.40,
 OD/ cover 50.40, Total length 127.50,
 Height/ B+ 21.45, Width/ kl. 50 13.95,
 Coil bolt M8, Coil bolt 2 23.00,
 No./ terminals 3
 Cap: HC-CARGO 132229. Moving contact: HC-CARGO 132246.


132272 Solenoid

Replacing: 32688-1

Servicing: MOK12-1
 12 V, B+ M8, Kl. 15a M5, Kl. 50 6.30,
 ID/ cover 23.15, OD 52.40,
 OD/ cover 49.85, Total length 138.40,
 Height/ B+ 18.95, Width/ kl. 15a 7.40,
 Width/ kl. 50 15.65, Coil bolt M8,
 Coil bolt 2 19.85, No./ terminals 4
 Cap: HC-CARGO 132723.

Solenoid Parts
Solenoid Caps

131325 Solenoid Cap

Servicing: 30430-1, MTA12-19, MTA12-19M, MTA12-2, MTA12-30, MTA12-37, mta12-40, MTA12-43, MTA12-H04, MTA12-H08, MTA12-H24
 No./ terminals 3
 HC-CARGO 130377.


132229 Solenoid Cap

Servicing: 10332-9, MTA12-19, MTA12-19M, MTA12-37, MTA12-43, MTA12-P19, MTS12-22, MTS12-29, MTS12-39, MTS12-42, MTS12P-19
 No./ terminals 3
 HC-CARGO 131437, 132227, 132228, 133083, 133566, 139785, 139786, 230325.


132722 Solenoid Cap

Servicing: 23159-1, MOA12-10, MOB12-1, MOB12-2, MTS12-29, MTS12-39, MTS12-42
 No./ terminals 4
 HC-CARGO 132271.


132723 Solenoid Cap

Servicing: MOB12-1, MOB12-2, MOK12-1, MTS12-48
 No./ terminals 4
 HC-CARGO 132272.


132776 Solenoid Cap

Servicing: mta12-30, MTA12-P30, MTS12-P17, MTS12-V12, MTS12-V31
 No./ terminals 3

Pkg. 5

Moving Contacts

Pkg. 5


132724 Moving Contact

Replacing: 25159-1

Servicing: MOB12-1, MOB12-2, mok12-1, mts12-48

Length 35.50, Shaft measurement 35.90, Thickness 2.50, Width 15.00

Drives

130449 Drive

Replacing: 14898-1

Servicing: MTJ12-1, MTU12-1

ID 16.00, OD 29.10, OD/ housing 36.90, Total length 58.00, Splines A 4, No./ teeth 9, Rotation ACR


130730 Drive

Replacing: 17061-8, 17061-2

Servicing: MTA12-13, MTA12-20, MTA12-3, MTA12-41, MTA12-42, mta12-5, mta12-7, MTV12-5, MTV12-7

ID 11.55, OD 25.25, OD/ housing 45.00, Total length 62.15, Splines A 12, No./ teeth 9, Rotation ACR


130731 Drive

Replacing: 17061-12

Servicing: MTA12-30

ID 11.55, OD 29.20, OD/ housing 45.00, Total length 61.90, Splines A 12, No./ teeth 9, Rotation ACR


130737 Drive

Replacing: 17061-3, 17061-14

Servicing: MTS12-1, MTS12-21, MTS12-22, MTS12-23, MTS12-23S, MTS12-29, MTS12-3, MTS12-34, MTS12-39, MTS12-42, MTS12-47, MTS12-48

ID 11.70, OD 25.55, OD/ housing 43.70, Total length 71.15, Splines A 6, No./ teeth 9, Rotation CR


130738 Drive

Replacing: 17061-10

Servicing: MTD12-14, MTD12-19, mtd12-9

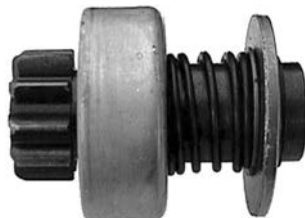
ID 14.00, OD 29.15, OD/ housing 46.20, Total length 68.00, Splines A 6, No./ teeth 11, Rotation CR


130920 Drive

Replacing: 9586-1, 9328

Servicing: MTA12-1, MTC252-2, MTC252-6, MTC252-7, MTC402-15, MTC402-2

ID 12.00, OD 26.95, OD/ housing 41.15, Total length 60.65, Splines A 6, No./ teeth 8, Rotation ACR


131064 Drive

Replacing: 17061-25

Servicing: MTA12-40

ID 11.55, OD 27.95, OD/ housing 45.00, Total length 61.90, Splines A 12, No./ teeth 10, Rotation ACR


131088 Drive

Replacing: 17061-28

Servicing: MOK12-1

ID 12.05, OD 26.70, OD/ housing 43.20, Total length 67.50, Splines A 5, No./ teeth 10, Rotation CR


131089 Drive

Replacing: 17061-27, 17061-18

Servicing: MOB12-1, MOB12-2

ID 12.10, OD 25.40, OD/ housing 45.10, Total length 101.70, Splines A 5, No./ teeth 9, Rotation CR


131713 Drive

Replacing: 15053-4

Servicing: MTL12-11

ID 14.30, OD 41.00, OD/ housing 54.15, Total length 90.00, Splines A 3, No./ teeth 11, Rotation CR


131714 Drive

Replacing: 3550, 3350

Servicing: MTA24-2, MTA24-4, MTH24-1, MTH24-2, MTH24-3

ID 14.60, OD 41.00, Total length 120.00, Splines A 3, No./ teeth 11



131716 Drive

Replacing: 17061-26
 ID 11.55, OD 29.30,
 OD/ housing 46.40, Total length 71.00,
 Splines A 6, No./ teeth 11, Rotation CR

Drive Parts

Gaskets

Pkg. 100



134763# Gasket

ID 33.90, OD 42.40, Thickness 2.00,
 Material Rubber

Levers



133873 Lever

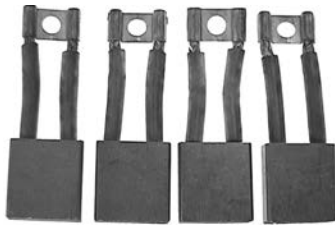
Replacing: 33804-1, 32138-1
 Servicing: mok12-1
 Dist. 32.00, ID 6.00, Length 79.00

Brush Sets



BSX124 Brush Set

Replacing: 13784-27
 Servicing: MTL12-1, MTL12-10, MTL12-11,
 MTL12-14, MTL12-16, MTL12-20, MTL12-3,
 MTL12-8, MTL12-9, MTN12-1
 6/12 V, Length 25.50, Lead length 32.00,
 Height 13.00, Thickness 9.00



BSX444 Brush Set

Replacing: 13784-83, 13784-29
 Servicing: MOE12-12, MOE12-13, MOE12-5,
 MOE12-7, MOL12-1, MOL12-8, MTP12-1,
 MTP12-16, MTP12-17, MTP12-3, MTP12-5
 12 V, Length 22.50, Lead length 43.00,
 Height 22.00, Thickness 8.00



FESX25-262 Brush Set

Replacing: 13784-84
 Servicing: MOB12-2
 12 V, Length 18.00, Lead length 39.50,
 Height 16.00, Thickness 6.00



JSX134 Brush Set

Replacing: 13784-7, 13784-59
 Servicing: E100, MTD12-1, MTD12-14,
 MTD12-18, MTD12-19, MTR12-1, MTR12-6,
 MTR24-2, MTR24-7
 12 V, Length 20.00, Lead length 33.50,
 Height 16.00, Thickness 7.00
 Alternative no.: JS13



JSX162 Brush Set

Replacing: 13784-37
 Servicing: E84, MTS12-1, MTS12-10,
 MTS12-22, MTS12-23, MTS12-29, MTS12-3,
 MTS12-34, MTS12-37, MTS12-39, MTS12-42,
 MTS12-47
 12 V, Length 19.00, Lead length 31.00,
 Height 17.00, Thickness 8.00
 Alternative no.: JS16



JSX52 Brush Set

Replacing: 13784-68, 13784-5
 Servicing: MOA12-10, MOA12-13, MOA12-2,
 MOB12-1, MOK12-1, MTA12-1, MTA12-13, MTA12-14,
 MTA12-19, MTA12-19M, MTA12-20, MTA12-3
 12 V, Length 17.00, Lead length 24.50,
 Height 16.00, Thickness 6.00
 Alternative no.: JS5

Bushings

Pkg. 10



140004 Bushing

Replacing: 3305-69
 Servicing: MTL12-1, MTL12-10, MTL12-11,
 MTL12-14, MTL12-16, MTL12-20, MTL12-3,
 MTL12-8, MTL12-9, MTN12-1
 ID 14.08, OD 17.58, Length 15.00
 Alternative no.: b140004

Pkg. 10



140010 Bushing

Replacing: 3305-74
 Servicing: MOE12-12, MOE12-13, MOE12-5,
 MOE12-7, MOL12-1, MOL12-8, MTL12-1, MTL12-10,
 MTL12-11, MTL12-14, MTL12-16, MTL12-20
 ID 12.59, OD 16.55, Length 18.00
 Alternative no.: b140010

Pkg. 10



140014 Bushing

Replacing: 3305-89, 3305-44
 Servicing: MOK12-1, MTA12-1, MTA12-13, MTA12-20,
 MTA12-3, MTA12-30, MTA12-38, MTA12-39,
 MTA12-40, MTA12-42, MTA12-6, MTV12-1
 ID 10.08, OD 14.09, Length 13.00
 Alternative no.: b140014

Pkg. 10



140020 Bushing
 Replacing: 3305-71
 ID 19.13, OD 25.09, Length 10.00
 Alternative no.: b140020

Pkg. 10



140043 Bushing
 Replacing: 3305-56, 3305-2
 Servicing: MTO51-2
 ID 12.10, OD 15.05, Length 15.00
 Alternative no.: b140043

Pkg. 10




140064 Bushing
 Replacing: 3305-3
 Servicing: MTO51-2
 ID 12.07, OD 15.05, Length 20.00
 Alternative no.: b140064

Pkg. 10




140065 Bushing
 Replacing: 3305-40
 ID 14.07, OD 18.05, Length 20.15
 Alternative no.: b140065

Pkg. 10




140155 Bushing
 Replacing: 12665-12
 Servicing: MOA12-10, MOA12-13, MOA12-2, MOB12-1, MOB12-2, MOK12-1, MTA12-19, MTA12-19M, MTA12-37, MTA12-43, MTA12-P19, MTV12-3
 ID 10.06, OD/ collar 16.50, OD 14.05, Length 13.00, Height/ collar 2.00

Pkg. 10



140156 Bushing
 Replacing: 3305-13
 Servicing: MOA12-10, MOA12-13, MOA12-2, MOB12-1, MOB12-2, MOK12-1, MTA12-1, MTA12-13, MTA12-14, MTA12-19, MTA12-19M, MTA12-20
 ID 10.00, OD 14.00, Length 13.50
 Alternative no.: b140156

Pkg. 10



140269 Bushing
 Replacing: 3835-38
 ID 12.03, OD 16.02, Length 17.00
 Alternative no.: b140269

Pkg. 10



140436 Bushing
 Replacing: 3305-10
 Servicing: MTB12-1, MTC82-3, MTC82-8, MTD12-1, MTD12-14, MTD12-18, MTD12-19, MTR12-1, MTR12-6, MTR24-2, MTR24-7, Citroen
 ID 12.04, OD 16.00, Length 16.00
 Alternative no.: b140436

Pkg. 10



140627 Bushing
 ID 11.60, OD 13.40, Length 12.30
 Alternative no.: b140627

Pkg. 10



140628 Bushing
 ID 14.50, OD 16.05, Length 25.75

Pkg. 10



140690 Bushing
 ID 11.53, OD 13.50, Length 23.00
 Alternative no.: b140690

Pkg. 100



B140010 Bushing
 Replacing: 3305-74
 ID 12.59, OD 16.55, Length 18.00
 Alternative no.: 140010

Pkg. 100



B140014 Bushing
 Replacing: 3305-89, 3305-44
 ID 10.08, OD 14.09, Length 13.00
 Alternative no.: 140014

Pkg. 100



B140020 Bushing

Replacing: 3305-71
ID 19.13, OD 25.09, Length 10.00
Alternative no.: 140020

Pkg. 100



B140043 Bushing

Replacing: 3305-56, 3305-2
ID 12.10, OD 15.05, Length 15.00
Alternative no.: 140043

Pkg. 100



B140064 Bushing

Replacing: 3305-3
ID 12.07, OD 15.05, Length 20.00
Alternative no.: 140064

Pkg. 100



B140065 Bushing

Replacing: 3305-40
ID 14.07, OD 18.05, Length 20.15
Alternative no.: 140065

Pkg. 100



B140269 Bushing

Replacing: 3835-38
ID 12.03, OD 16.02, Length 17.00
Alternative no.: 140269

Pkg. 100



B140436 Bushing

Replacing: 3305-10
ID 12.04, OD 16.00, Length 16.00
Alternative no.: 140436

Pkg. 100



B140627 Bushing

Replacing: 140627
ID 11.62, OD 13.42, Length 12.32
Alternative no.: 140627

Pkg. 100



B140690 Bushing

Replacing: 140690
ID 11.53, OD 13.50, Length 23.00
Alternative no.: 140690

Sundry Parts

Various



231001 Washer Kit

Replacing: 24460-m8011

Armatures
12 Volt

130210 Armature

Replacing: C5NF11005C

Servicing: M50

 2.8 kW, Shaft length 303.30, Rotation CR,
Core thickness 84.00, No./ splines 3

132744# Armature

 Replacing: sm335a, sm322, sm318,
sm307a, sm307, d7az11005a, d6tz11005a,
d5az11005a, d0tz11005a, d0az11005a

 Servicing: 4½" DD, C2AF11001A, C7AF11001B,
C8VF11000A, D80F11001AA, E1AF11001BA

 Shaft length 236.70,
Core thickness 74.55,
No./ splines 12, Rotation CR

136634 Armature

 Replacing: SM475, F2PZ11005A, E90-
Z11005A, e90z11005a

 Servicing: 1057652, 3852582, 5029143,
6775703, 6775704, 93BB11000HB,
93BB11000JB, 93BB11000KA, 93BB11000KB,
e90f11000aa

 Shaft length 129.10,
Core thickness 55.43,
No./ teeth 11, Rotation CR/ACR
Gear shaft: HC-CARGO 136637.

139352 Armature

Replacing: sm461, f4tz11005a

Servicing: f4pu11000aa, f4tz11002a

 2.5 kW, Shaft length 169.40,
Core thickness 53.45, No./ splines 13

139646 Armature

Replacing: e5pz11005a

 Servicing: e3tz11002a, e5tz11002b, E8T-
F11000AA, e8tz11002a, F3TU11000AA

 2.5 kW, Shaft length 177.50,
Core thickness 60.00, No./ teeth 9,
Rotation CR

230739 Armature

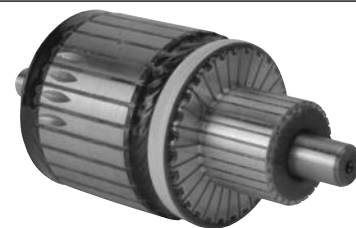
Replacing: xc1u11005aa

 Servicing: 1024508, 1027928, 1058429,
1059179, 1073093, 1073108, 1093471,
1105310, 1118336, 1120215, 1126987,
1133994, 1140110

 1.9/2.2 kW, Shaft length 156.00,
Core thickness 54.00, No./ teeth 11

231080 Armature

 Servicing: 1063999, 1064000, 1067622,
1229427, 1233234, 1254222, 1368970,
1469712, 1s7u11000ab, 1s7u11000ac,
1S7U11000AD

 Shaft length 122.00,
Core thickness 44.00,
No./ teeth 9, Rotation CR

231138 Armature

Replacing: sm482, f2tz11005a

 Servicing: 1057654, 1057661, 1076141,
1085273, 1087280, 1367529, 1X4U11000AA,
4X4U11000AB, 93BB11000HC, 93BB11000JC,
93BB11000KC

 Shaft length 126.55,
Core thickness 55.45,
No./ teeth 11, Rotation CR/ACR
Shaft: HC-CARGO 231139.

231471 Armature

Replacing: f4xy11005a

Servicing: F3Z211002B

 1.7/2 kW, Shaft length 143.55,
Core thickness 54.00, No./ teeth 11,
Rotation CR/ACR

234346 Armature

Replacing: sa749, sa748, e4fz11005a

Servicing: E4EF11001A, E4FZ11002A

 Shaft length 170.30,
Core thickness 55.50, No./ splines 9

235725 Armature

 Servicing: 1140757, 1144505, 1151216,
1151642, 1197912, 1205240, 1209193,
1233277, 1237323, 1250901, 1251700,
1300504, 1325943

 1.1 kW, Shaft length 110.53,
Core thickness 44.36, No./ splines 9

Armatures
9 Volt

131933 Armature

Servicing: 0001362001
 2.4 kW, Shaft length 283.00,
 Core thickness 75.00, No./ splines 10,
 Rotation CR
 12 V: HC-CARGO 130113.


131934 Armature

Servicing: 0001362047
 2 kW, Shaft length 285.00,
 Core thickness 75.00, No./ splines 10,
 Rotation CR
 12 V: HC-CARGO 130116.


133084 Armature

Servicing: 0001354004, 0001354005, 0001354018,
 0001354027, 0001354031, 0001354077,
 0001354079, 0001354085, EJD1,8/12R29, EJD1
 1.4 kW, Shaft length 300.00,
 Core thickness 73.00, No./ splines 3,
 Rotation CR
 12 V: HC-CARGO 130109.


133085 Armature

Servicing: 0001354082, 0001354090,
 0001354091, 0001354092
 1.8 kW, Shaft length 300.00,
 Core thickness 73.00, No./ splines 10,
 Rotation CR
 12 V: HC-CARGO 130110.


133086 Armature

Servicing: 0001362009, 0001362016,
 0001362022, 0001362024
 2.4 kW, Shaft length 288.00,
 Core thickness 75.00, No./ splines 10,
 Rotation CR
 12 V: HC-CARGO 130114.


133087 Armature

Servicing: 0001362034, 0001362035,
 0001362036, 0001362037, 0001362039,
 0001362040, 0001362041, 0001362042,
 0001362043, 0001362045
 2.4 kW, Shaft length 290.20,
 Core thickness 75.00, No./ splines 10,
 Rotation CR
 12 V: HC-CARGO 130115.


133088 Armature

2.4/2.7 kW, Shaft length 312.00,
 Core thickness 75.00, No./ splines 10,
 Rotation CR
 12 V: HC-CARGO 130117.


133089 Armature

Servicing: 0001358017, 0001358018,
 0001358020, 0001358035
 2.3 kW, Shaft length 335.00,
 Core thickness 73.00, No./ splines 3,
 Rotation CR
 12 V: HC-CARGO 130118.


133090 Armature

Servicing: 0001358048, 0001358049,
 0001358050, 0001358051
 3.2 kW, Shaft length 332.00,
 Core thickness 73.00, No./ splines 10,
 Rotation CR
 12 V: HC-CARGO 131130.


133098 Armature

Servicing: 0001362305, 0001362308,
 0001362311, 0001362313, 0001362314,
 0001362320, 0001362322, 0001362323,
 0001362325, 0001362326
 2/2.4/2.7 kW, Shaft length 290.50,
 Core thickness 75.00, No./ splines 10,
 Rotation CR
 12 V: HC-CARGO 132158.


133510 Armature

Servicing: 0001317007, 0001317013,
 0001317022, 0001317023
 1.7 kW, Shaft length 263.00,
 Core thickness 65.00, No./ splines 10,
 Rotation CR
 12 V: HC-CARGO 131839.


133515 Armature

Servicing: 0001359001, 0001359008,
 0001359021, 0001359071
 3 kW, Shaft length 333.00, Rotation CR,
 Core thickness 75.00, No./ splines 10
 12 V: HC-CARGO 130319.



134285 Armature

Servicing: 0001367001, 0001367002, 0001367004, 0001367005, 0001367006, 0001367007, 0001367008, 0001367009, 0001367010, 0001367011
 3 kW, Shaft length 337.00, Rotation CR,
 Core thickness 75.00, No./ splines 10
 12 V: HC-CARGO 131075.



134887 Armature

Servicing: 0001110001, 0001110004, 0001110007, 0001110009, 0001110011, 0001110012, 0001110013, 0001110014, 0001110018, 0001110019
 1.7/1.8 kW, Shaft length 161.00,
 Core thickness 60.00, No./ teeth 15,
 Rotation CR/ACR
 12 V: HC-CARGO 132814.



136106 Armature

Servicing: 0001362600, 0001362601, 0001362605
 2.3 kW, Shaft length 285.00, Rotation CR,
 Core thickness 75.00, No./ splines 10
 12 V: HC-CARGO 136105.



234594# Armature

Servicing: 0001110003, 0001110005, 0001110024, 0001110025, 0001110026
 1.7 kW, Shaft length 163.00,
 Core thickness 60.00, No./ teeth 18
 12 V: HC-CARGO 132815.



331023 Armature

Replacing: 2004004045
 Servicing: 0001354007, 0001354011, 0001354038, 0001354086
 Shaft length 300.00, Core thickness 74.00,
 No./ splines 3, Rotation ACR

12 Volt



130059 Armature

Replacing: 1004003900, 1004003127, 1004003125
 Servicing: 0001311001, 0001311007, 0001311013, 0001311014, 0001311016, 0001311019, 0001311020, 0001311021, 0001311023, 0001311024
 1 kW, Shaft length 263.00,
 Core thickness 65.00, No./ splines 10,
 Rotation CR



130060 Armature

Replacing: 1004003901, 1004003143, 1004003134
 Servicing: 0001311100, 0001311101, 0001311102, 0001311103, 0001311104, 0001311105, 0001311106, 0001311107, 0001311108, 0001311109
 1.1 kW, Shaft length 253.00,
 Core thickness 65.00, No./ splines 10,
 Rotation CR



130061 Armature

Replacing: 9001184001, 9001082524, 9001082321, 9001082304, 1004012920, 1004012406
 Servicing: 0001211207, 0001211208, 0001211215, 0001211225, 0001211227, 0001211228, 0001211229, 0001211232, 0001211237, 0001211239
 0.8 kW, Shaft length 222.00,
 Core thickness 60.00, No./ splines 10,
 Rotation CR



130062 Armature

Replacing: 1004014104, 1004012917, 1004012452, 1004012417, 1004012407, 1004012404
 Servicing: 0001204102, 0001204103, 0001211204, 0001211205, 0001211206, 0001211209, 0001211210, 0001211213, 0001211214, 0001211216
 0.8 kW, Shaft length 222.00,
 Core thickness 60.00, No./ splines 10,
 Rotation CR



130071 Armature

Replacing: 1104012949, 1104012042
 Servicing: 0101201022, 0101209031, 0101209032, 0101209033, 0101209036, 0101209037, 0101209039, 0101209041, 0101209046, 0101209060
 Shaft length 206.00, Core thickness 56.00
 11 A.


130108 Armature

Replacing: 2004004031, 2004002036, 2004002031

Servicing: 0001208049, 0001208051, 0001208052, 0001208053, 0001208054, 0001208055, 0001208249, 0001208252, 0001208254, 0001208255

0.85 kW, Shaft length 253.00,
Core thickness 60.00, No./ splines 10,
Rotation CR


130109 Armature

Replacing: 2004004044, 2004004043, 2004004042, 2004004041, 2004004020, 2004004012

Servicing: 0001354010, 0001354016, 0001354021, 0001354029, 0001354055, 0001354064, 0001354077

1.4 kW, Shaft length 300.00,
Core thickness 73.00, No./ splines 3
9 V: HC-CARGO 133084.


130110 Armature

Replacing: 2004004051

Servicing: 0001354080, 0001354082, 0001354088, 0001354090, 0001354091, 0001354092, 0001354093, 0001354094, 0001354095, 0001354099

1.8 kW, Shaft length 300.00,
Core thickness 73.00, No./ splines 10,
Rotation CR
9 V: HC-CARGO 133085.


130113 Armature

Replacing: 2007031001, 2004004071

Servicing: 0001362001, 0001362002, 0001362003, 0001362004, 0001362027, 0001362028, 0001362029, 0001362030, 9000143406

2.4 kW, Shaft length 282.00,
Core thickness 75.00, No./ splines 10,
Rotation CR
9 V: HC-CARGO 131933.


130114 Armature

Replacing: 2007031003, 2004004072

Servicing: 0001362005, 0001362006, 0001362007, 0001362008, 0001362009, 0001362010, 0001362011, 0001362012, 0001362013, 0001362014

2.4 kW, Shaft length 288.00,
Core thickness 75.00, No./ splines 10,
Rotation CR
9 V: HC-CARGO 133086.


130115 Armature

Replacing: 2004004095, 2004004074

Servicing: 0001362005, 0001362006, 0001362034, 0001362035, 0001362036, 0001362037, 0001362039, 0001362040, 0001362041, 0001362042

2.4 kW, Shaft length 288.00,
Core thickness 75.00, No./ splines 10,
Rotation CR
9 V: HC-CARGO 133087.


130116 Armature

Replacing: 2004004075

Servicing: 0001362038, 0001362047, 0001362069, 0001362070, 0001362077, 0001362078, 0001362083, 0001362600, 9000143408, B001812171

2 kW, Shaft length 285.00,
Core thickness 75.00, No./ splines 10,
Rotation CR
9 V: HC-CARGO 131934.


130117 Armature

Replacing: 2004014953, 2004014053, 2004004096, 2004004094, 2004004091, 2004004076

Servicing: 0001362051, 0001362052, 0001362063, 0001362064, 0001362082, 0001362093, 0001362096, 0001362097, 0001362300, 0001362301

2.4/2.7 kW, Shaft length 312.00,
Core thickness 75.00, No./ splines 10,
Rotation CR
9 V: HC-CARGO 133088.


130118 Armature

Replacing: 2004004081, 2004004025, 2004004024

Servicing: 0001358017, 0001358018, 0001358020, 0001358026, 0001358033, 0001358035, 0001358038, 0001358046, 0001358047

2.3 kW, Shaft length 335.00,
Core thickness 73.00, No./ splines 3,
Rotation CR
9 V: HC-CARGO 133089.



130122 Armature

Replacing: 2004012011, 1004012915, 1004012914, 1004012913, 1004012449, 1004012428, 1004012413, 1004012011

Servicing: 0001211223, 0001211224, 0001211255, 0001211256, 0001211257, 0001211258, 0001211992, 0001211993, 9000692015, 9000692050

0.8 kW, Shaft length 215.50,
Core thickness 60.00, No./ splines 10,
Rotation ACR



130319 Armature

Replacing: 9001140275, 2004004112, 2004004061

Servicing: 0001359001, 0001359002, 0001359003, 0001359004, 0001359008, 0001359010, 0001359012, 0001359013, 0001359014, 0001359016

3 kW, Shaft length 333.00,
Core thickness 75.00, No./ splines 10,
Rotation CR
9 V: HC-CARGO 133515.



130360 Armature

Replacing: 9003334020, 9001334020
Servicing: 9000330922, 9000330948

0.8 kW, Shaft length 250.00,
Core thickness 54.40, No./ splines 12,
Rotation CR



130994 Armature

Replacing: 1004012916, 1004012412

Servicing: 0001211221, 0001211222, 0001211251, 0001211252, 0001211253, 0001211254, 9000692062, B001211098, B001211204

0.8 kW, Shaft length 227.00,
Core thickness 60.00, No./ splines 10,
Rotation CR



131050# Armature

Replacing: 1004003914, 1004003140

Servicing: 0001314012, 0001314013

1.5 kW, Shaft length 257.00,
Core thickness 65.00, No./ splines 10,
Rotation ACR
9 V: HC-CARGO 133357.



131051 Armature

Replacing: 9001337082, 9001140182, 2004011032, 1004011003

Servicing: 0001157012, 0001157013, 0001157014, 0001157015, 0001157018, 0001157020, 0001157021, 0001157022, 0001157023, 9000141100

0.7 kW, Shaft length 222.00,
Core thickness 52.00, No./ splines 10,
Rotation CR



131063 Armature

Replacing: 9001334000, 1007010021, 1004012906, 1004012431, 1004012408

Servicing: 0001208172, 0001208200, 0001208201, 0001208202, 0001208204, 0001208206, 0001208208, 0001208209, 0001208211, 0001208216

0.85 kW, Shaft length 232.00,
Core thickness 60.00, No./ splines 10,
Rotation CR



131075 Armature

Replacing: 9001141143, 2004014961, 2004014960, 2004014060, 2004004010, 2004004007, 2004004006, 2004004005

Servicing: 0001367001, 0001367002, 0001367004, 0001367005, 0001367006, 0001367007, 0001367008, 0001367009, 0001367010, 0001367011

3 kW, Shaft length 337.00,
Core thickness 75.00, No./ splines 10,
Rotation CR
9 V: HC-CARGO 134285.



131130 Armature

Replacing: 2004004083

Servicing: 0001358048, 0001358049, 0001358050, 0001358051, B001804003

3.2 kW, Shaft length 333.00,
Core thickness 73.00, No./ splines 10,
Rotation CR
9 V: HC-CARGO 133090.


131435 Armature

Replacing: 1004003908, 1004003151

 Servicing: 0001317009, 0001317010,
0001317014, 0001317015, 0001317018,
0001317019, 0001317020, 0001317021,
B001329010

 1.7 kW, Shaft length 262.00,
Core thickness 65.00, No./ splines 10,
Rotation ACR
9 V: HC-CARGO 133358.

131663 Armature

 Replacing: 9001049121, 1004003912,
1004003170, 1004003142, 1004003138,
1004003133, 1004003130

 Servicing: 0001311041, 0001311042,
0001313003, 0001313005, 0001313006,
0001314001, 0001314002, 0001314005,
0001314006, 0001314009

 1.5 kW, Shaft length 263.00,
Core thickness 65.00, No./ splines 10,
Rotation CR

131665 Armature

Replacing: 2004004069

 Servicing: 0001358200, 0001358201,
0001358202

 2.5 kW, Shaft length 303.00,
Core thickness 75.00, No./ splines 10,
Rotation CR

131839 Armature

 Replacing: 1004003907, 1004003154,
1004003150

 Servicing: 0001317007, 0001317008,
0001317013, 0001317022, 0001317023,
0001317024, 0001317025, B001329009,
B001329014, B001329044

 1.7 kW, Shaft length 263.00,
Core thickness 65.00, No./ splines 10,
Rotation CR
9 V: HC-CARGO 133510.

132031 Armature

 Replacing: 9003334034, 9003334033,
9003334029, 9003334028, 9003334026,
9003334025, 9001140339, 1004012450

 Servicing: 0001218002, 0001218003,
0001218004, 0001218005, 0001218006,
0001218007, 0001218008, 0001218009,
0001218010, 0001218011

 2.2 kW, Shaft length 158.00,
Core thickness 50.00, No./ teeth 18,
Rotation CR
9 V: HC-CARGO 133953.

132143 Armature

 Replacing: 1004012912, 1004012903,
1004012426, 1004012420

 Servicing: 0001211500, 0001211501,
0001211502, 0001211503, 0001211504,
0001211505, 0001211510, 0001211511,
0001211512, 0001211513

 0.8 kW, Shaft length 207.50,
Core thickness 60.00, No./ splines 10,
Rotation CR

132149 Armature

Replacing: 1004003915, 1004003148

 Servicing: 0001314025, 0001314026,
0001314027, 0001314028, 0001314029,
0001314030, 0001314032, 0001314033,
0001314034, 0001314035

 1.5 kW, Shaft length 262.50,
Core thickness 65.00, No./ splines 10,
Rotation CR
9 V: HC-CARGO 133588.

132152 Armature

Replacing: 9001337081, 1004011004

 Servicing: 0001157024, 0001157025,
0001157028, 0001157029, 0001157030,
9000141114, 9000141116, 9000334102

 0.7 kW, Shaft length 228.00,
Core thickness 52.00, No./ splines 10,
Rotation CR

132153 Armature

 Replacing: 9001334001, 9001304001,
1004012905, 1004012432, 1004012422,
1004012421

 Servicing: 0001208501, 0001208502,
0001208507, 0001208510, 0001208513,
0001208514, 0001208515, 0001208516,
0001208517, 0001208518

 0.8/0.85/0.95 kW, Shaft length 216.94,
Core thickness 59.90, No./ splines 10,
Rotation CR



132155 Armature

Replacing: 1004002131, 1004002129, 1004002124, 1004002119

Servicing: 0001208001, 0001208003, 0001208004, 0001208007, 0001208009, 0001208011, 0001208018, 0001208019, 0001208020, 0001208023

0.8/0.85 kW, Shaft length 252.50, Core thickness 60.00, No./ splines 10, Rotation CR



132156 Armature

Replacing: 1004003913, 1004003171, 1004003139, 1004003132

Servicing: 0001314003, 0001314004, 0001314008, 0001314016, 0001314022, 0001314031, 0001314039, 0001314040, 0001314044, B001315003

1.5 kW, Shaft length 263.00, Core thickness 65.00, No./ splines 10, Rotation ACR



132158 Armature

Replacing: 2004014952, 2004004952, 2004004092

Servicing: 0001362034, 0001362035, 0001362036, 0001362039, 0001362041, 0001362042, 0001362045, 0001362046, 0001362048, 0001362049

2/2.4/2.7 kW, Shaft length 290.50, Core thickness 75.00, No./ splines 10, Rotation CR
9 V: HC-CARGO 133098.



132164 Armature

Replacing: 1004003909, 1004003152

Servicing: 0001317011, 0001317012, 0001317016, 0001317017, B001329013, B001329029

1.7 kW, Shaft length 282.50, Core thickness 65.00, No./ splines 10, Rotation ACR
9 V: HC-CARGO 134084.



132332 Armature

Replacing: 2004004926, 2004004105

Servicing: 0001365004, 0001365005, 0001365006, 0001365007, 0001365008, B001819001, B001819009, B001819015, B001819117

3.7 kW, Shaft length 366.00, Core thickness 75.00, No./ splines 10, Rotation CR



132814 Armature

Replacing: 1004011901, 1004011066, 1004011047, 1004011044, 1004011036, 1004011031, 1004011025, 1004011022

Servicing: 0001110001, 0001110002, 0001110007, 0001110008, 0001110009, 0001110010, 0001110011, 0001110012, 0001110013, 0001110014

1.7/1.8 kW, Shaft length 161.00, Core thickness 60.00, No./ teeth 15, Rotation CR/ACR
9 V: HC-CARGO 134887.



132815 Armature

Replacing: 1004011206, 1004011048, 1004011038, 1004011037, 1004011033, 1004011030, 1004001033

Servicing: 0001110003, 0001110005, 0001110017, 0001110024, 0001110025, 0001110026, 0001110033, 0001110040, 0001110042, 0001110047

1.7 kW, Shaft length 163.00, Core thickness 59.00, No./ teeth 18, Rotation CR/ACR
9 V: HC-CARGO 234594.



132816 Armature

Replacing: 1004011203, 1004011085, 1004011077, 1004011070, 1004011065, 1004011051, 1004011034, 1004011032

Servicing: 0001108001, 0001108002, 0001108003, 0001108004, 0001108005, 0001108006, 0001108007, 0001108009, 0001108010, 0001108011

1.1/1.8 kW, Shaft length 136.00, Core thickness 55.00, No./ teeth 11, Rotation CR/ACR



132988 Armature

Replacing: 1004011136, 1004011120, 1004011111, 1004011101

Servicing: 0001112005, 0001112006, 0001112007, 0001112008, 0001112009, 0001112012, 0001112013, 0001112014, 0001112015, 0001112016

0.8/0.9 kW, Shaft length 212.00, Core thickness 59.00, No./ splines 10, Rotation CR


132989 Armature

Replacing: f000a1505, 1004011121, 1004011112, 1004011105

Servicing: 0001112003, 0001112004, 0001112038, 0001112039, 0001113011, 0001113012, 9000695006, 9000695009, B001180008

0.8/0.9 kW, Shaft length 212.00, Core thickness 60.00, No./ splines 10, Rotation ACR


133107 Armature

Replacing: 2004002032

Servicing: 0001211997, 0001211998, 9000042021, 9000042027, 9000082009

0.8 kW, Shaft length 248.00, Core thickness 60.00, No./ splines 10, Rotation ACR


133108# Armature

Replacing: 2004011021

Servicing: 0001157001, 0001157002, 0001157003, 0001157004, 0001157005, 0001157007

0.5/0.6 kW, Shaft length 222.90, Core thickness 51.90, No./ splines 8, Rotation CR


133160 Armature

Replacing: 1004012901, 1004012410

Servicing: 0001212206, 0001212207, 0001212210, B001229004, B001229013

0.7/0.8 kW, Shaft length 221.50, Core thickness 60.00, No./ splines 10, Rotation CR


133209 Armature

Replacing: 1004012909, 1004012433

Servicing: 0001208425, 0001208426, 0001208428, 0001208429, B001208256

0.95 kW, Shaft length 237.50, Core thickness 60.00, No./ splines 10, Rotation ACR


133486 Armature

Replacing: 2005005026, 2004005155, 2004005026

Servicing: 0001413001, 0001413002, 0001413003, 0001413004, 0001413005, 0001413006, 0001413007, 0001413008, 0001413009, 0001413010

3.5/3.6 kW, Shaft length 235.50, Core thickness 83.00, Rotation CR
Clutch housing: HC-CARGO 231369.


134514 Armature

Replacing: 1004011086, 1004011068, 1004011062, 1004011042, 1004011039

Servicing: 0001107003, 0001107004, 0001107005, 0001107006, 0001107007, 0001107008, 0001107009, 0001107012, 0001107013, 0001107014

1.1 kW, Shaft length 123.00, Core thickness 55.00, No./ teeth 11, Rotation CR/ACR

Alternative no.: 333588


134521 Armature

Replacing: 1004003910, 1004003153

Servicing: 0001312108, 0001312109, B001335003

1.7 kW, Shaft length 258.00, Core thickness 65.00, No./ splines 10, Rotation CR


134522 Armature

Replacing: 1004012468, 1004012409

Servicing: 0001212204, 0001212205, 0001212208, 0001212209, 0001212211, 0001212212, 0001212213, 0001212214, B001229003

0.8 kW, Shaft length 221.50, Core thickness 60.00, No./ splines 10, Rotation ACR



134628 Armature

Replacing: 1004003124
 Servicing: 0001312102, 0001312104, 0001312105, 0001312106, 0001312107, 0001312111
 1.5 kW, Shaft length 257.50, Rotation CR, Core thickness 65.00, No./ splines 10



134799 Armature

Replacing: 2004003036, 2004003031, 1004003919
 Servicing: 0001312100, 0001312110, B001322002, B001322022
 1.5 kW, Shaft length 257.00, Rotation ACR, Core thickness 65.00, No./ splines 10



135098 Armature

Replacing: 1004011125, 1004011104
 Servicing: 0001114003, 0001114004, 0001114008, 0001114014, 0001114015, 0001114016, 0001114017, 0001114020, 0001114021, 0001114022
 1 kW, Shaft length 227.00, Rotation CR, Core thickness 59.00, No./ splines 10



135113 Armature

Replacing: 1004011126, 1004011106
 Servicing: 0001114005, 0001114006, B001181007
 1 kW, Shaft length 227.00, Core thickness 59.00, No./ splines 10, Rotation ACR



135114 Armature

Replacing: 1004011127, 1004011107
 Servicing: 0001114009, 0001114010, 9000695002, 9000695003, B001181014
 1 kW, Shaft length 249.00, Rotation ACR, Core thickness 59.00, No./ splines 10



135351 Armature

Replacing: 2004014965, 2004004965, 2004004056, 2004004040, 2004004037
 Servicing: 0001369001, 0001369002, 0001369003, 0001369005, 0001369006, 0001369007, 0001369011, 0001369012, 0001369013, 0001369015
 3.1/3.6 kW, Shaft length 322.50, Core thickness 75.00, No./ splines 10, Rotation CR



135639 Armature

Replacing: 1004003922, 1004003141
 Servicing: 0001315002, 0001315004, B001317004
 1.9 kW, Shaft length 253.00, Rotation ACR, Core thickness 65.00, No./ splines 10



135842[#] Armature

Replacing: 9001082594, 9001082574
 Servicing: 9000082043, 9000082044, 9000082050, 9000082052, 9000082054, 9000082055, 9000082058, 9000082059, 9000082061, 9000082063
 0.95 kW, Shaft length 229.00, Rotation CR, Core thickness 60.00, No./ splines 10



136020[#] Armature

Replacing: 1004011122, 1004011113, 1004011108
 Servicing: 0001112010, 0001112011, B001111217, B001180021
 0.9 kW, Shaft length 239.00, Core thickness 59.00, No./ splines 10, Rotation ACR



136105 Armature

Replacing: 2004014951, 2004004090
 Servicing: 0001362038, 0001362600, 0001362601, 0001362605, B001812171, B001812265, B001812301, B001812357
 2.3 kW, Shaft length 285.00, Core thickness 75.00, No./ splines 10, Rotation CR
 9 V: HC-CARGO 136106.



136231 Armature

Replacing: 1004011902, 1004011099, 1004011055, 1004011045, 1004011041
 Servicing: 0001109001, 0001109002, 0001109003, 0001109006, 0001109007, 0001109008, 0001109009, 0001109011, 0001109012, 0001125011
 1.6 kW, Shaft length 148.00, Core thickness 59.00, No./ teeth 18


136245# Armature

Replacing: 9001042296

Servicing: 9000042057

 0.9 kW, Shaft length 226.00, Rotation ACR,
Core thickness 60.00, No./ splines 10

136783# Armature

Replacing: 1004011124, 1004011118, 1004011018

 Servicing: 0001112029, 0001112033,
0001112037, 0001113009, 0001113015,
B001180063, B001180076

 0.8/0.9 kW, Shaft length 206.50,
Core thickness 59.00, No./ splines 10,
Rotation CR

136784 Armature

Replacing: 9003334032, 9003334031

 Servicing: 0001218162, 0001218165,
0001218172, 0001218173

 2.2 kW, Shaft length 152.00, No./ teeth 15,
Core thickness 50.00, No./ splines 15

136986 Armature

Replacing: 2004014955, 2004004078

 Servicing: 0001362085, 0001362094,
0001362099, 0001366005, 0001366006,
0001366010, 0001366013, 0001366014,
0001366028, 0001366029

 1.9/2.4 kW, Shaft length 290.50,
Core thickness 75.00, No./ splines 10,
Rotation ACR

136988 Armature

Replacing: f000a1521, 1004011123

 Servicing: 0001112014, 0001112027,
0001112028, 0001112044, 0001112045,
0001113013, 0001113014, B001180052

 0.8/0.9 kW, Shaft length 224.50,
Core thickness 59.00, No./ splines 10,
Rotation CR

137069 Armature

 Replacing: 1004011097, 1004011063,
1004011058, 1004011046

 Servicing: 0001107010, 0001107011,
0001107030, 0001107031, 0001107032,
0001107037, 0001107038, 0001107039,
0001107048, 0001107049

 1.1 kW, Shaft length 123.00,
Core thickness 55.00, No./ teeth 9

137070 Armature

 Replacing: 1004011204, 1004011091,
1004011076, 1004011071, 1004011057,
1004011043

 Servicing: 0001108115, 0001108145,
0001108153, 0001108157, 0001108167,
0001108169, 0001108190, 0001108196,
0001108208, 0001108209

 1.4 kW, Shaft length 138.00,
Core thickness 55.00, No./ teeth 9,
Rotation CR

137233 Armature

Replacing: 2004014967, 2004004055

 Servicing: 0001369014, 0001369020,
0001369024, B001828111

 3.1 kW, Shaft length 301.00,
Core thickness 75.00, No./ splines 10,
Rotation CR

137264# Armature

Replacing: 1004011128

Servicing: 0001112017, B001180054

 0.9 kW, Shaft length 205.50, Rotation CR,
Core thickness 59.00, No./ splines 10

137284 Armature

Replacing: 1004011087, 1004011074

 Servicing: 0001109003, 0001109017,
0001109043, 0001109044, 0001109047,
0001109049, 0001109056, 0001109059,
0001109060, 0001109064

 2 kW, Shaft length 149.00,
Core thickness 59.00, No./ teeth 16

137479 Armature

 Replacing: 9003334037, 9003334030,
9003334027

Servicing: 9000331201, 9000331203

 1.9 kW, Shaft length 158.00, Rotation CR,
Core thickness 50.00, No./ teeth 10



137482 Armature

Replacing: f000al1321, 1004011143, 1004011138, 1004011133

Servicing: 0001112035, 0001112041, 0001113010, 0001113017, F000AL0325, F000AL0327, F004A95002

0.8/0.9 kW, Shaft length 202.50, Core thickness 59.00, No./ splines 10, Rotation CR



137893 Armature

Replacing: f010al1014, 1004011220, 1004011088, 1004011072

Servicing: 0001109014, 0001109018, 0001109025, 0001109026, 0001109028, 0001109029, 0001109030, 0001109031, 0001109033, 0001109034

1.8/2 kW, Shaft length 149.00, Core thickness 59.00, No./ teeth 13
11 tooth: HC-CARGO 230371.



138330 Armature

Replacing: 1004003918, 1004003916, 1004003176, 1004003157, 1004003155

Servicing: 0001314046, 0001314047, 0001314049, B001315184, B001315186

1.5 kW, Shaft length 271.00, Core thickness 65.00, No./ splines 10, Rotation CR



138334 Armature

Replacing: 1004003904, 1004003137

Servicing: 0001311115, 0001311134, 0001311135, 0001311138, B001311048, B001311075, B001311102, B001311148

1.1 kW, Shaft length 253.00, Core thickness 65.00, No./ splines 10, Rotation ACR



138674 Armature

Replacing: 1004011054, 1004011040

Servicing: 0001110063, 0001110068, B001117150, B001117155

1.7 kW, Shaft length 163.00, Core thickness 59.00, No./ teeth 11, Rotation ACR



138848 Armature

Replacing: 9001083327

Servicing: 9000083027, 9000083028, 9000083049, 9000083053, 9000083054, 9000083055, 9000083056, 9000083057, 9000083058, 9000083059

3 kW, Shaft length 329.00, Core thickness 73.00, No./ splines 10, Rotation CR



139404 Armature

Replacing: 1004011218, 1004011205, 1004011202, 1004011080

Servicing: 0001110017, 0001110026, 0001110079, 0001110089, 0001110095, 0001110114, 0001110126, 0001110127, 0001110128, 0001110129

1.8 kW, Shaft length 160.00, Core thickness 59.00, No./ teeth 16, Rotation CR/ACR



139658 Armature

Replacing: 1004011096, 1004011083

Servicing: 0001107010, 0001107048, 0001107072, 0001107096, 0001107107, 0001121006, 0001121007, 0001121008, 0001121009, 0001121010

1.1 kW, Shaft length 123.00, Core thickness 55.00, No./ teeth 14, Rotation CR/ACR



139703 Armature

Replacing: 1004011082

Servicing: 0001125501, 0001125502, 0001125503, 0001125504, 0001125507, 0001125508, 0001125511, 0001125512, 0001125513, 0001125514

2 kW, Shaft length 143.00, Core thickness 59.00, No./ splines 0, No./ teeth 16, Rotation CR


139704 Armature

Replacing: 1004011090

Servicing: 0001109021, 0001109022, 0001109066, 0001109067, 0001109069, 0001109070, 0001109202, 0001109203, 0001109265, 0001109266

 2 kW, Shaft length 149.00,
 Core thickness 59.00, No./ teeth 9,
 Rotation CR

230193 Armature

Replacing: 1004003902, 1004003135

Servicing: 0001311050, 0001311051, 0001311052, 0001311053, 0001311054, 0001311055, B001324002, B001324003, B001324004, B001324007

 1/1.35 kW, Shaft length 263.00,
 Core thickness 65.00, No./ splines 10

230371 Armature

Replacing: 1004311315, 1004211221, 1004011208

Servicing: 00010DB98E, 0001109015, 0001109023, 0001109045, 0001109052, 0001109055, 0001109062, 0001109068, 0001109201, 0001109202

 2.1 kW, Shaft length 149.00,
 Core thickness 59.00, No./ teeth 11,
 Rotation CR

13 tooth: HC-CARGO 137893.

Alternative no.: 333411


230518 Armature

Replacing: 1004011207, 1004011067

Servicing: 0001110016, 0001110029, 0001110030, 0001110039, 0001110041, 0001110048, 0001110053, 0001110071, 0001110072, 0001110075

 1.7/1.8 kW, Shaft length 160.00,
 Core thickness 59.00, No./ teeth 13,
 Rotation CR

15 tooth: HC-CARGO 132814.


231065 Armature

Replacing: 1004011089

Servicing: 0001106011, 0001106012, 0001106015, 0001106016, 0001106017, 0001106018, 0001106019, 0001106022, 0001106023, 0001106024

 0.9 kW, Shaft length 115.50,
 Core thickness 55.00, No./ teeth 9,
 Rotation CR/ACR

231985 Armature

Replacing: 2004014962, 2004004008

Servicing: 0001367061, B001816377

 3 kW, Shaft length 336.00,
 Core thickness 75.00, No./ splines 10,
 Rotation ACR

233475 Armature

Replacing: 6033ad1059, 6033ad0436, 6033ad0010

Servicing: 0001223001, 0001223002, 0001223003, 0001223004, 0001223007, 0001223008, 0001223009, 0001223010, 0001223011, 0001223012

 2.3 kW, Shaft length 144.00,
 Core thickness 58.00, No./ teeth 14,
 Rotation CR

233585 Armature

Replacing: 6033AD3242, 6033ad3018, 6033ad0121, 6003ad0121

Servicing: 0001230001, 0001230002, 0001230003, 0001230004, 0001230005, 0001230006, 0001230007, 0001230008, 0001230009, 0001230010

 3 kW, Shaft length 169.00,
 Core thickness 60.00, No./ teeth 16,
 Rotation CR

233698 Armature

Replacing: 6033ad1104, 6033ad1061, 6033ad0446

Servicing: 0001223013, 0001223014

 2.3 kW, Shaft length 140.00,
 Core thickness 58.00, No./ teeth 14,
 Rotation CR



233715 Armature

Replacing: 1004011304, 1004011084

Servicing: 0001115005, 0001115006, 0001115009, 0001115011, 0001115013, 0001115035, 0001115045, 0001115046, 0001115068, 0001115069

1.7 kW, Shaft length 145.50, Core thickness 55.00, No./ teeth 11



234022 Armature

Replacing: 1004011092, 1004011073

Servicing: 0001115001, 0001115002, 0001115007, 0001115008, 0001115012, 0001115015, 0001115016, 0001115017, 0001115020, 0001115021

1.7 kW, Shaft length 146.00, Rotation CR, Core thickness 55.00, No./ teeth 9



234023 Armature

Replacing: 1004011137

Servicing: 0001116001

0.7 kW, Shaft length 179.00, Rotation CR, Core thickness 59.00, No./ splines 10



234166 Armature

Replacing: 1007010119, 1004011211

Servicing: 0001110132, F000AL0108

1.8 kW, Shaft length 160.00, Core thickness 59.00, No./ teeth 11, Rotation CR



234244 Armature

Replacing: 6033AD1107, 6033ad0206

Servicing: 0001223005, 0001223006

2.3 kW, Shaft length 140.00, Rotation CR, Core thickness 58.00, No./ teeth 11



234610# Armature

Replacing: 2004002021

Servicing: 0001212005, 0001212006, 0001212007, 0001212008, 0001212012, 0001212013

0.8 kW, Shaft length 249.00, Rotation ACR, Core thickness 60.00, No./ splines 10



234895 Armature

Replacing: 1004011142, 1004011139

Servicing: 0001116003, 0001116006, 0001116008, 0001116009

0.7 kW, Shaft length 189.00, Rotation CR, Core thickness 59.00, No./ splines 10



235212 Armature

Replacing: 1004011216

Servicing: 0001115042, 0001115056, 0001115057, 0001115082, 0001115083, 0001123004, 0001123005, 0001123012, 0001123013, 0001123014

1.4/1.7 kW, Shaft length 145.50, Core thickness 55.00, No./ splines 14, No./ teeth 14, Rotation ACR



235324 Armature

Replacing: 1004011212

Servicing: 0001107401, 0001107404, 0001107405, 0001107408, 0001107411, 0001107415, 0001107423, 0001107424, 0001107425, 0001107426

1.1 kW, Shaft length 114.00, Core thickness 52.00, No./ teeth 9, Rotation CR

Used w/ gear: HC-CARGO 235025.



237748 Armature

Replacing: 6033AD5148

Servicing: 0001241003, 0001241004, 0001241005, 0001241006, 0001241007, 0001241014, 0001241015

5.5 kW, Shaft length 174.20, Core thickness 59.95, No./ teeth 13, Rotation CR



238108 Armature

Replacing: 1004011235, 1004011217

Servicing: 0001108400, 0001108409, 0001108410, 0001108420, 0001108421, 0001108428, 0001108429, 0001108444, 0001108450, 0001108451

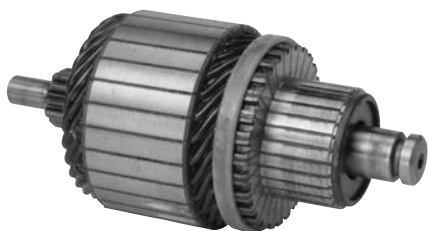
1.4 kW, Shaft length 129.00, Core thickness 52.00, No./ teeth 11, Rotation CR


239760 Armature

Replacing: 1004011201, 1004011098, 1004011059

Servicing: 0001110001, 0001110002, 0001110004, 0001110007, 0001110008, 0001110009, 0001110010, 0001110011, 0001110018, 0001110027

1.7/1.8 kW, Shaft length 160.00, Core thickness 59.00, No./ teeth 15, Rotation CR/ACR


330084 Armature

Replacing: 1004011210

Servicing: 0001107402, 0001107403, 0001107406, 0001107407, 0001107409, 0001107410, 0001107417, 0001107418, 0001107421, 0001107422

1.2 kW, Shaft length 114.00, Core thickness 52.00, No./ teeth 11, Rotation CR


330493 Armature

Replacing: 1004011316, 1004011226

Servicing: 0001138001, 0001138002, 0001138003, 0001138004, 0001138011, 0001138012, 0001138013, 0001138014, 0001138015, 0001138016

1.7 kW, Shaft length 138.19, Core thickness 51.95, No./ teeth 14, Rotation CR


331020 Armature

Replacing: 2004004011

Shaft length 305.00, Core thickness 73.00


333098 Armature

Replacing: 1004011214

Servicing: 0001120400, 0001120401, 0001120402, 0001120403, 0001120404, 0001120405, 0001120406, 0001120407, 0001120408, 0001120409

0.9 kW, Shaft length 107.40, Core thickness 52.00, No./ teeth 11, Rotation ACR


333360 Armature

Replacing: 1004011215

Servicing: 0001108401, 0001108402, 0001108403, 0001108404, 0001108405, 0001108406, 0001108408, 0001108411, 0001108412, 0001108415

1.4 kW, Shaft length 128.70, Core thickness 51.90, No./ splines 9, No./ teeth 9, Rotation CR


333409 Armature

Replacing: 1004211221, 1004011221

Servicing: 0001109023, 0001109045, 0001109068, 0001109201, 0001109250, 0001109258, 0001109259, 0001109260, 0001109261, 0001109275

Shaft length 149.00, Core thickness 59.00, No./ teeth 11


333411 5★ Armature

Manufacturer: Bosch

Replacing: 1004311315, 1004211221, 1004211208, 1004011315

Servicing: 0001109205, 0001109324, 0001109325, 0001109328, 0001109329, 0001109387, 0001109388, 0001109391, 0001109392

Shaft length 149.00, Core thickness 59.00, No./ teeth 11
Alternative no.: 230371


333534 5★ Armature

Manufacturer: Bosch

Replacing: 1004011268

Servicing: 0001125609, 0001125610

Shaft length 149.00, Core thickness 59.00, No./ teeth 13
Alternative no.: 333625


333588 5★ Armature

Manufacturer: Bosch

Replacing: 1004011086, 1004011068, 1004011062, 1004011042, 1004011039

Servicing: 0001107003, 0001107004, 0001107005, 0001107006, 0001107007, 0001107008, 0001107009, 0001107012, 0001107013, 0001107014

1.1 kW, Shaft length 123.00, Core thickness 55.00, No./ teeth 11, Rotation CR/ACR
Alternative no.: 134514

18 Volt

137286 Armature

Servicing: 0001359120, 0001360002, 0001360004, 0001360005, 0001360007, 0001360008, 0001360015, 0001360016, 0001360017, 0001360018
4 kW, Shaft length 334.00, Core thickness 75.00, No./ splines 10, Rotation CR
24 V: HC-CARGO 130119.


137287 Armature

Servicing: 0001368001, 0001368002, 0001368003, 0001368004, 0001368005, 0001368006, 0001368007, 0001368008, 0001368009, 0001368010
4 kW, Shaft length 337.00, Core thickness 75.00, No./ splines 10, Rotation CR
24 V: HC-CARGO 131309.

24 Volt

130119 Armature

Replacing: 2004004111, 2004004062
Servicing: 0001360002, 0001360004, 0001360005, 0001360007, 0001360008, 0001360009, 0001360010, 0001360012, 0001360013, 0001360014
4 kW, Shaft length 333.00, Core thickness 75.00, No./ splines 10, Rotation CR
18 V: HC-CARGO 137286.


130120 Armature

Replacing: 2004005153, 2004005046, 2004005037, 2004005022, 2004005002
Servicing: 0001414001, 0001414002, 0001414003, 0001414004, 0001414005, 0001414006, 0001414007, 0001414008, 0001414009, 0001414010
5 kW, Shaft length 235.00, Core thickness 83.00
Clutch housing: HC-CARGO 231369.


130320 Armature

Replacing: 2004005151, 2004005071, 2004005025
Servicing: 0001410015, 0001410016, 0001410017, 0001410018, 0001410019, 0001410021, 0001410022, 0001410023, 0001410024, 0001410025
5.5 kW, Shaft length 270.00, Core thickness 83.00, Rotation CR
Clutch housing: HC-CARGO 231369.


131116 Armature

Replacing: 2004014928, 2004004968, 2004004928, 2004004128, 2004004115
Servicing: 0001364100, 0001364101, 0001364102, 0001364103, 0001364104, 0001364105, 0001364106, 0001364108, 0001364200, 0001364201
4.8 kW, Shaft length 366.00, Core thickness 75.00, No./ splines 10, Rotation CR


131124 Armature

Replacing: 2004336099, 2004004114, 2004004067
Servicing: 0001360023, 0001360025, 0001360036, 0001360040
4 kW, Shaft length 340.00, Core thickness 75.00, No./ splines 10, Rotation CR


131309 Armature

Replacing: 2004014975, 2004014075, 2004004038, 2004004036, 2004004035, 2004004033, 2004004032
Servicing: 0001367301, 0001368001, 0001368002, 0001368003, 0001368004, 0001368005, 0001368006, 0001368007, 0001368008, 0001368009
4 kW, Shaft length 337.00, Core thickness 75.00, No./ splines 10, Rotation CR
18 V: HC-CARGO 137287.


131311 Armature

Replacing: 2004005024, 2004005023
Servicing: 0001417001, 0001417002, 0001417005, 0001417006, 0001417007, 0001417008, 0001417012, 0001417013, 0001417014, 0001417015
6.6 kW, Shaft length 256.00, Core thickness 83.00, Rotation CR
Clutch housing: HC-CARGO 231369.


131379 Armature

Replacing: 2004014972, 2004004118
 Servicing: 0001108025, 0001363101, 0001363104, 0001363105, 0001363107, 0001363108, 0001363109, 0001363110, 0001363111, 0001363112
 2.6/3.2 kW, Shaft length 290.00,
 Core thickness 75.00, No./ splines 10,
 Rotation CR


131666 Armature

Replacing: 2004006101, 2004006091
 Servicing: 0001510001, 0001510002, 0001510003, 0001510004, 0001510005, 0001510006, 0001510008, 0001510009, 0001510010, 0001510011
 9 kW, Shaft length 315.00,
 Core thickness 100.00


132159# Armature

Replacing: 2004004116
 Servicing: 0001363101
 2.1 kW, Shaft length 287.00,
 Core thickness 75.00, No./ splines 10,
 Rotation CR


132904 Armature

Replacing: 2007010061, 2007010059, 2004005918, 2004005061, 2004005004, 2004005003
 Servicing: 0001420001, 0001420002, 0001420003, 0001420004, 0001420005, 0001420006, 0001420007, 0001420008, 0001420009, 0001420010
 7.5 kW, Shaft length 428.50,
 Core thickness 85.00, No./ splines 19,
 Rotation CR/ACR


136998 Armature

Replacing: 2004004925, 2004004100
 Servicing: 0001364300, 0001364301, 0001364400, 0001364402, B001841010, B001841012
 4.8/5.2 kW, Shaft length 355.00,
 Core thickness 75.00, No./ splines 10,
 Rotation CR


138254 Armature

Replacing: 9003334024
 Servicing: 0001219001, 0001219002, 0001219003, 0001219004, 0001219005, 0001219006, 0001219007, 0001219008, 0001219009, 0001219010
 2.5 kW, Shaft length 158.00,
 Core thickness 50.00, No./ teeth 18


138849 Armature

Replacing: 9001083498
 Servicing: 9000083043, 9000083045, 9000083063, 9000083064, 9000083065, 9000083066, 9000083068, 9000083073, 9000083076, 9000453075
 4 kW, Shaft length 329.00,
 Core thickness 73.00, No./ splines 10,
 Rotation CR


139657 Armature

Replacing: 9003334039, 6033AD4080, 6033ad4013, 6033ad0285
 Servicing: 0001231001, 0001231002, 0001231003, 0001231004, 0001231005, 0001231006, 0001231007, 0001231008, 0001231009, 0001231010
 4 kW, Shaft length 169.00,
 Core thickness 60.00, No./ teeth 16,
 Rotation CR

Alternative no.: 333496


231272 Armature

Replacing: 2004014028
 Servicing: 0001371004, 0001371005, 0001371006, 0001371007, 0001371008, 0001371009, 0001371010, 0001371012, 0001371013, 0001371014
 6.7 kW, Shaft length 394.00,
 Core thickness 75.00, No./ teeth 19,
 Rotation CR



231493 Armature

Replacing: 2004014034

Servicing: 0001372001, 0001372002, 0001372003, 0001372004, 0001372005, 0001372006, 0001372007, 0001372008, OAA137200B, OAA137200F

6.2 kW, Shaft length 370.00, Rotation CR, Core thickness 75.00, No./ teeth 19



239092 Armature

Replacing: 6033AD5025

Servicing: 0001241001, 0001241008, 0001241012, 0001241016, 0001241019, 0001241020, 0001241021, 0001241022, 0001241023, 0001241024

5.5 kW, Shaft length 174.20, Core thickness 59.95, No./ teeth 13



333410 Armature

Replacing: 2004015007

Servicing: 0001261001, 0001261002

Shaft length 179.60, Core thickness 60.00, No./ teeth 13



333496 Armature

Manufacturer: Bosch

Replacing: 9003334039, 6033AD4080, 6033ad4013, 6033ad0285

Servicing: 0001231001, 0001231002, 0001231003, 0001231004, 0001231005, 0001231006, 0001231007, 0001231008, 0001231009, 0001231010

4 kW, Shaft length 169.00, Rotation CR, Core thickness 60.00, No./ teeth 16
Alternative no.: 139657

Armature Parts

Various

Pkg. 10



138769 Brake Washer

ID 12.80, OD 23.00, Thickness 1.00

Pkg. 10



138770 Brake Washer

Servicing: f000al0321

ID 12.50, OD 31.00, Thickness 2.00

Yokes

Yoke Parts

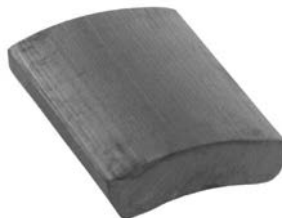
Magnets

Pkg. 4



134439 Magnet

Length 42.00, Height 6.95, Width 25.20
Non magnetized.



134896 Magnet (south)

Servicing: 0001121018, 0001121019, 0001121024, 0001121025

Length 42.20, Height 8.20, Width 25.15, Pole type South



134897 Magnet (North)

Servicing: 0001121018, 0001121019, 0001121024, 0001121025

Length 42.15, Height 6.85, Width 25.15, Pole type North

Pkg. 10



134905# Magnet

Length 60.20, Height 6.80, Width 26.75
Non magnetized.

Pkg. 10



134906 Magnet

Length 59.40, Height 6.75, Width 25.40
Non magnetized.

Pkg. 4



135218 Magnet

Length 70.60, Height 6.85, Width 25.00
Non magnetized.



135219 Magnet (south)

Length 70.55, Height 8.00, Width 25.35, Pole type South



135220 Magnet (north)
Length 70.85, Height 7.00, Width 24.55,
Pole type North



135221 Magnet (north)
Length 60.25, Height 7.00, Width 26.75,
Pole type North



135222 Magnet (south)
Length 60.20, Height 8.00, Width 26.75,
Pole type South



135223 Magnet (south)
Length 59.60, Height 8.00, Width 25.40,
Pole type South



135224 Magnet (north)
Length 59.45, Height 6.70, Width 25.45,
Pole type North



230205[#] Magnet
Length 51.60, Height 7.20, Width 25.00
Non magnetized.



230206 Magnet (south)
Length 51.55, Height 7.00, Width 25.35,
Pole type South



230207 Magnet (north)
Length 51.65, Height 7.20, Width 25.60,
Pole type North



230208[#] Magnet
Length 51.40, Height 7.10, Width 27.10
Non magnetized.



230209 Magnet (south)
Length 51.55, Height 7.10, Width 27.10,
Pole type South

Pkg. 4



230210 Magnet (north)
Length 51.60, Height 6.70, Width 26.80,
Pole type North

Magnet Gripper

Pkg. 5



138361 Magnet Gripper
Total length 61.00, Width 9.55 mm

Pkg. 5



138362 Magnet Gripper
Servicing: 0001121018, 0001121019,
0001121024, 0001121025
Mount. hole 3.28/5.60,
ID 7.90, Thickness 5.80

Yokes w/magnets



137169 Yoke
Replacing: 1005001937, 1005001924,
1005001915
Servicing: 0001108001, 0001108002,
0001108003, 0001108009, 0001108010,
0001108018, 0001108026, 0001108027,
0001108042, 0001108054
12 V, 1.4 kW, OD/ middle 74.00,
Length 112.55, Brush gear w/o,
Magnets w/

12 Volt


137168 Yoke

Replacing: 1005001912

Servicing: 0001110003, 0001110016, 0001110017, 0001110026, 0001110028, 0001110029, 0001110030, 0001110039, 0001110040, 0001110041

12 V, 1.7/1.8 kW, OD/ middle 78.00, Length 135.00, Brush gear w/o, Magnets w/


137308 Yoke

Replacing: f00mal1149, f000al1027, 1005001953

Servicing: 0001112021, 0001112022, 0001113001, 0001113002, 0001113003, 0001113004, 0001113005, 0001113006, 0001113007, 0001113008

12 V, 0.8/0.9 kW, OD/ middle 78.50, Length 99.65, Brush gear w/o, Magnets w/


137619 Yoke

Replacing: 1005001931, 1005001923

Servicing: 0001107009, 0001107012, 0001107013, 0001107015, 0001107019, 0001107025, 0001107026, 0001107030, 0001107033, 0001107034

12 V, 1/1.2 kW, OD/ middle 74.00, Length 98.60, Brush gear w/o, Magnets w/


137620 Yoke

Replacing: 1005001997, 1005001934

Servicing: 0001123003, 0001124001, 0001124002, 0001124003, 0001124004, 0001124005, 0001124006, 0001124007, 0001124008, 0001124011

12 V, 1.8 kW, OD/ middle 78.00, Length 135.00, Brush gear w/o, Magnets w/


137621 Yoke

Replacing: 9001081020, 1005001950

Servicing: 0001112005, 0001112006, 0001112007, 0001112008, 0001112009, 0001112012, 0001112013, 0001112014, 0001112015, 0001112016

12 V, 0.9 kW, OD/ middle 78.25, Length 99.45, Brush gear w/o, Magnets w/


137622 Yoke

Replacing: 1005001976, 1005001949

Servicing: 0001125001, 0001125002, 0001125003, 0001125004, 0001125005, 0001125006, 0001125007, 0001125008, 0001125009, 0001125010

12 V, 1.8/2 kW, OD/ middle 78.20, Length 124.60, Brush gear w/o, Magnets w/


137729 Yoke

Replacing: 1005001978, 1005001905

Servicing: 0001110003, 0001110004, 0001110005, 0001110007, 0001110008, 0001110011, 0001110012, 0001110013, 0001110019, 0001110022

12 V, 1.7/1.8 kW, OD/ middle 79.00, Length 135.00, Brush gear w/o, Magnets w/


137896 Yoke

Replacing: 1005001982, 1005001925

Servicing: 0001107014, 0001107015, 0001107016, 0001107017, 0001107018, 0001107027, 0001107028, 0001107029, 0001107031, 0001107032

12 V, 1.1 kW, OD/ middle 74.40, Length 98.70, Brush gear w/o, Magnets w/


137897 Yoke

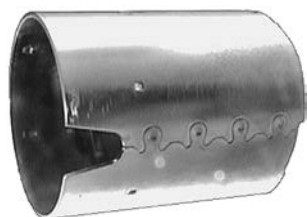
Replacing: 1005001948, 1005001943, 1005001843, 1005001826

Servicing: 0001109015, 0001109018, 0001109026, 0001109028, 0001109034, 0001109040, 0001109052, 0001109055, 0001109057, 0001109058

12 V, 1.8/2 kW, OD/ middle 78.25, Length 124.65, Brush gear w/o, Magnets w/


137898# Yoke

Replacing: 1005001979
 Servicing: 0001107059, 0001107082
 12 V, 1.1 kW, OD/ middle 74.00,
 Length 98.50, Brush gear w/o, Magnets w/


137919 Yoke

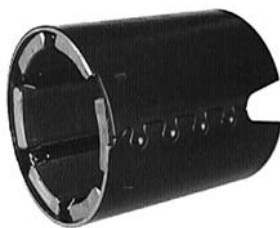
Replacing: 9001081095, 1005001952
 Servicing: 0001112003, 0001112004,
 0001112034, 0001112036, 0001112038,
 0001112039, 9000081010, B001180008,
 B001180041, F000AL0401
 12 V, 0.9 kW, OD/ middle 78.50,
 Length 99.55, Brush gear w/o, Magnets w/


138323 Yoke

Replacing: 1005001942
 Servicing: 0001109014, 0001109017,
 0001109021, 0001109022, 0001109025,
 0001109030, 0001109031, 0001109033,
 0001109035, 0001109036
 12 V, 1.6/2/2.1 kW, OD/ middle 78.20,
 Length 124.60, Brush gear w/o, Magnets w/


139546# Yoke

Replacing: 1005001926
 Servicing: 0001107011, 0001107039,
 9007045016, B001110092
 12 V, 1.1 kW, OD/ middle 74.00,
 Length 98.55, Brush gear w/o, Magnets w/


139551 Yoke

Replacing: 1005001962
 Servicing: 0001116001, 0001116003,
 0001116005, 0001116006, 0001116008,
 0001116009
 12 V, 0.7 kW, OD/ middle 78.00,
 Length 89.00, Brush gear w/o,
 Magnets w/


139574 Yoke

Replacing: 1005851066, 1005001946,
 1005001832
 Servicing: 0001107038, 0001115001,
 0001115002, 0001115005, 0001115006,
 0001115007, 0001115008, 0001115009,
 0001115012, 0001115015
 12 V, 1.7 kW, OD/ middle 74.00,
 Length 120.00, Brush gear w/o,
 Magnets w/


230076 Yoke

Replacing: 1005001921, 1005001902
 Servicing: 0001107003, 0001107004,
 0001107005, 0001107006, 0001107007,
 0001107008, 0001107020, 0001107021,
 0001107022, 0001107023
 12 V, 1.1 kW, OD/ middle 74.00,
 Length 98.50, Brush gear w/o,
 Magnets w/


230231 Yoke

Replacing: 1005001938, 1005001878
 Servicing: 0001110104, 0001110110,
 0001110122, 0001110123, 0001110126,
 0001110127, 0001110128, 0001110129,
 0001110132, 0001110136
 12 V, 1.8 kW, OD/ middle 78.00,
 Length 135.15, Brush gear w/o,
 Magnets w/


230232 Yoke

Replacing: 1005001980
 Servicing: 0001125501, 0001125502,
 0001125503, 0001125504, 0001125507,
 0001125508, 0001125511, 0001125512,
 0001125513, 0001125514
 12 V, 2 kW, OD/ middle 78.30,
 Length 119.55, Brush gear w/o,
 Magnets w/


230233 Yoke

Replacing: 1005001981
 Servicing: 0001121006, 0001121007,
 0001121008, 0001121009, 0001121010,
 0001121011, 0001121016, 0001121017,
 0001121018, 0001121019
 12 V, 1.1 kW, OD/ middle 74.00,
 Length 98.55, Rotation ACR,
 Brush gear w/o, Magnets w/



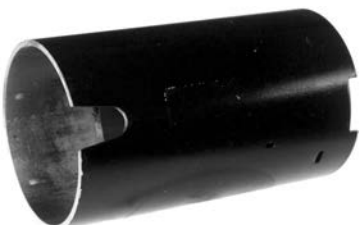
231642 Yoke

Replacing: 1005001990, 1005001987
 Servicing: 0001106011, 0001106012, 0001106014, 0001106015, 0001106017, 0001106018, 0001106019, 0001106022, 0001106023, 0001106024
 12 V, 0.9/1 kW, OD/ middle 74.00, Length 90.95, Brush gear w/o, Magnets w/



233572 Yoke

Replacing: 1005001999, 1005001812
 Servicing: 0001107401, 0001107402, 0001107403, 0001107404, 0001107405, 0001107406, 0001107407, 0001107408, 0001107409, 0001107410
 12 V, 1.1 kW, OD/ middle 70.00, Length 93.85, Brush gear w/o, Magnets w/



233663 Yoke

Replacing: 1005001904
 Servicing: 0001110001, 0001110002, 0001110009, 0001110010, 0001110014, 0001110015, 0001110018, 0001110031, 0001110032, 0001110033
 12 V, 1.7/1.8 kW, OD/ middle 79.55, Length 135.00, Brush gear w/o, Magnets w/



234735 Yoke

Replacing: 1005001947, 1005001940
 Servicing: 0001108080, 0001108114, 0001108121, 0001108123, 0001108125, 0001108128, 0001108134, 0001108135, 0001108139, 0001108140
 12 V, 1.4 kW, OD/ middle 74.00, Length 112.55, Brush gear w/o, Magnets w/



235572 Yoke

Replacing: 1005001808
 Servicing: 0001109250, 0001109252, 0001109253, 0001109256, 0001109258, 0001109259, 0001109260, 0001109261, 0001109262, 0001109263
 12 V, 2.2 kW, OD/ middle 78.40, Length 124.57, Magnets w/

24 Volt



137167 Yoke

Replacing: 1005001903
 Servicing: 0001108001, 0001108002, 0001108004, 0001108009, 0001108010, 0001108011, 0001108012, 0001108013, 0001108016, 0001108017
 12-24 V, 1.4/1.6 kW, OD/ middle 74.20, Length 112.80, Brush gear w/o, Magnets w/



333533 5★ Yoke

Manufacturer: Bosch
 Replacing: 6033ad4109, 6033ad4108, 6033ad4107, 6033ad4096, 6033ad4092, 6033ad4064, 6033ad0151, 6033ad0128
 Servicing: 0001231008, 0001231013, 0001231014, 0001231017, 0001231018, 0001231019, 0001231023, 0001231026, 0001231027, 0001231028
 24 V, OD/ middle 95.30, Length 120.70, Brush gear w/, Magnets w/o
 Alternative no.: 139697



333597 5★ Yoke

Manufacturer: Bosch
 Replacing: 6033AD4177
 Servicing: 0001231016, 0001231033, 0001231146
 OD/ middle 95.30, Length 120.70, Brush gear w/, Magnets w/o
 Alternative no.: 333631

Field Cases



139697 Field Case

Replacing: 6033ad4109, 6033ad4108, 6033ad4107, 6033ad4096, 6033ad4092, 6033ad4064, 6033ad0151, 6033ad0128
 Servicing: 0001231001, 0001231002, 0001231003, 0001231004, 0001231005, 0001231006, 0001231007, 0001231008, 0001231009, 0001231010
 24 V, 4 kW, OD/ middle 95.30, Length 121.00, Brush gear w/o, Magnets w/o
 Alternative no.: 333533 5★


230993 Field Case

Replacing: 6033AD1251, 6033ad0225, 6033ad0160, 6033ad0058

Servicing: 0001223002, 0001223004, 0001223008, 0001223016, 0001223021, 0001223022, 0001223104

12 V, 2.3 kW, OD/ middle 85.65, Length 96.30, Brush gear w/, Magnets w/o


231652 Field Case

Replacing: 6033ad1248, 6033AD1110, 6033ad0311

Servicing: 0001223005, 0001223013, 0001223014

12 V, 2.3 kW, OD/ middle 85.65, Length 92.20, Brush gear w/, Magnets w/o


233477 Field Case

Replacing: 6033ad3281, 6033ad3192, 6033ad3191, 6033ad3149, 6033ad3132, 6033ad3019, 6033ad0167, 6033ad0165

Servicing: 0001230001, 0001230002, 0001230003, 0001230005, 0001230006, 0001230007, 0001230008, 0001230009, 0001230010, 0001230011

12 V, 3 kW, OD/ middle 113.10, Length 141.95, Brush gear w/, Magnets w/o
Field case: HC-CARGO 234193.


233922 Field Case

Replacing: 6033ad1245, 6033ad0162, 6033ad0007

Servicing: 0001223001, 0001223002, 0001223003, 0001223007, 0001223010, 0001223011, 0001223012, 0001223018, 0001223019, 0001223024

12 V, 2.3 kW, OD/ middle 85.70, Length 98.90, Brush gear w/, Magnets w/o

Brush gear: HC-CARGO 231648. Brush set: HC-CARGO BSX192-1934.


234392 Field Case

Replacing: 6033AD1254, 6033AD1109, 6033ad0209

Servicing: 0001223005, 0001223006, 0001223013

12 V, 2.3 kW, OD/ middle 85.65, Length 93.95, Brush gear w/, Magnets w/


330031 Field Case

Replacing: 6033AD3283

Servicing: 0001230002, 0001230003, 0001230004, 0001230005, 0001230006, 0001230014

12 V, 3 kW, OD/ middle 95.50, Length 120.70, Rotation CR, Brush gear w/, Magnets w/o


333417 Field Case

Replacing: 2005005182

Servicing: 0001261007, 0001261008, 0001261012, 0001261014, 0001261016, 0001261022, 0399504011

24 V, OD/ middle 95.25, Length 126.40, Rotation CR

Field Houses

234054# Field House

Servicing: 0001218172, 0001218173

Length 77.00


234193 Field House

Servicing: 0001367005, 0001367017, 0001367034, 0001367059, 0001367077, 0001367300, 0001367301, 0001367303, 0001368311

Length 142.00


234194 Field House

Servicing: 0001371004, 0001371006

OD/ middle 110.00, Length 168.00



234507# Field House
 Servicing: 0001417005, 0001417006, 0001417042, 0001417064, 0001417073, 0001417074
 OD/ middle 128.00, Length 157.00, Brush gear w/o, Magnets w/o



234508# Field House
 Servicing: 0001364400
 OD/ middle 116.00, Length 157.00, Brush gear w/o, Magnets w/o



234509# Field House
 Servicing: 0001369023
 OD/ middle 116.00, Length 127.00



235134# Field House
 Servicing: 0001360061, 0001360063
 OD/ middle 113.00, Length 137.00, Brush gear w/o, Magnets w/o



235423# Field House
 Servicing: 0001218116, 0001218117, 0001218125, 0001218153, 0001218158, 0001218159, 0001218175, 0001218177, 0001218725
 OD/ middle 93.50, Length 75.00

Field House Parts

Pole Shoes



234053 Pole Shoe
 Length 40.00, Thread size M10, Height 17.55, Width 31.10

Pkg. 10



234196 Pole Shoe
 Length 84.00, Thread size M10, Height 15.20, Width 40.00



234197# Pole Shoe
 Length 99.60, Thread size M10, Height 15.75, Width 41.15



234198 Pole Shoe
 Length 84.00, Thread size M10, Height 15.70, Width 41.50

Pkg. 10



234505# Pole Shoe
 Servicing: 0001364400
 Length 100.30, Thread size M10, Height 15.80, Width 41.65

Field Coils

12 Volt



130065 Field Coil
 Replacing: 1004112548, 1004112542, 1004112540, 1004112535, 1004112532
 Servicing: 0001211204, 0001211205, 0001211206, 0001211207, 0001211208, 0001211209, 0001211210, 0001211213, 0001211214, 0001211215
 12 V, 0.8 kW



130124 Field Coil
 Replacing: 2004112004, 1004112537
 Servicing: 0001211200, 0001211201, 0001211221, 0001211222, 0001211241, 0001211992, 0001211993, 0001212208, 0001212209, 9000692062
 12 V, 0.8 kW, Height 75.40, Width 197.00, Internal height 40.50, Inner width 26.70, Rotation ACR


130125 Field Coil

Replacing: 2004112005, 2004112003, 1004112534, 1004112529

Servicing: 0001208019, 0001208020, 0001208027, 0001208028, 0001208030, 0001208031, 0001208040, 0001208041, 0001208051, 0001208052

12 V, 0.6 kW, Height 92.00, Width 205.00, Internal height 62.15, Inner width 25.50, Rotation ACR


130128 Field Coil

Replacing: 2004114169

Servicing: 0001359002, 0001359003, 0001359021, 0001359031, 0001359033, 0001359035, 0001359038, 0001359049, 0001359050, 0001359053

12 V, 3 kW, Height 133.50, Width 275.60, Internal height 85.60, Inner width 32.50


130323 Field Coil

Replacing: 2004105017, 2004105015, 2004105012

Servicing: 0001400016, 0001401007, 0001401011, 0001401012, 0001401019, 0001401023, 0001401026, 0001401027, 0001401028, 0001401044

12 V, 3 kW, Height 115.85, Internal height 73.60, Inner width 28.60


130325 Field Coil

Replacing: 2004115043, 2004115042, 2004115041, 2004115040

Servicing: 0001401007, 0001401011, 0001401012, 0001401019, 0001401023, 0001401026, 0001401027, 0001401028, 0001401044, 0001401045

12 V, 3 kW, Height 116.00, Internal height 71.25, Inner width 28.65


131134 Field Coil

Replacing: 2004114297, 2004114291, 2004114137, 2004114060

Servicing: 0001367001, 0001367002, 0001367003, 0001367004, 0001367005, 0001367006, 0001367007, 0001367008, 0001367009, 0001367010

12 V, 3 kW, Height 128.30, Internal height 87.00, Inner width 32.25


131313 Field Coil

Replacing: 2004114298, 2004114289, 2004114241, 2004114189, 2004114188, 2004114177, 2004114148, 2004114146

Servicing: 0001362005, 0001362006, 0001362034, 0001362035, 0001362036, 0001362037, 0001362038, 0001362039, 0001362040, 0001362041

12 V, 1.9/2/2.2/2.4 kW, Height 112.25, Internal height 71.65, Inner width 32.60


131314 Field Coil

Replacing: 2004114145, 2004114143, 2004114085

Servicing: 0001362092, 0001362300, 0001362301, 0001362302, 0001362303, 0001362304, 0001362305, 0001362306, 0001362307, 0001362308

12 V, 2.3/2.7 kW, Height 113.55, Internal height 72.85, Inner width 33.00


131436 Field Coil

Replacing: 1004113901, 1004113101

Servicing: 0001317009, 0001317010, 0001317011, 0001317012, 0001317014, 0001317015, 0001317016, 0001317017, 0001317018, 0001317019

12 V, 1.7 kW, Height 107.30, Internal height 74.60, Inner width 26.00


131674 Field Coil

Replacing: 1004112567

Servicing: 0001208204, 0001208220, 0001208232, 9000082051, 9000333118, 9000333119, B001208261

12 V, 0.85 kW, Height 73.60, Internal height 41.00, Inner width 27.00


131676 Field Coil

Replacing: 2004114187, 2004114182, 2004114181

Servicing: 0001357002, 0001357003, 0001362003, 0001362004, 0001362007, 0001362011, 0001362013, 0001362014, 0001362015, 0001362016

12 V, 2.4 kW, Height 112.15, Internal height 72.40, Inner width 32.60


131677 Field Coil

Replacing: 2004114117, 2004114116, 2004114115, 2004114109, 2004114105, 2004114104, 2004114100

Servicing: 0001354004, 0001354005, 0001354016, 0001354018, 0001354027, 0001354029, 0001354031, 0001354036, 0001354055, 0001354064

12 V, 1.8 kW, Height 107.15, Internal height 62.00, Inner width 30.00


132083 Field Coil

Replacing: 2004114219

Servicing: 0001358200, 0001358201, 0001358202

12 V, 2.5 kW, Height 119.90, Internal height 75.55, Inner width 33.25


132144 Field Coil

Replacing: 1004112900

Servicing: 0001211500, 0001211501, 0001211502, 0001211503, 0001211504, 0001211505, 0001211510, 0001211511, 0001211512, 0001211513

12 V, 0.8 kW, Height 70.50, Width 196.60, Internal height 41.00, Inner width 26.00


132154 Field Coil

Replacing: 1004113536, 1004113516, 1004113416

Servicing: 0001312100, 0001312110, 0001314003, 0001314004, 0001314008, 0001314012, 0001314013, 0001314016, 0001314031, 0001314039

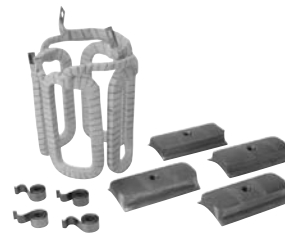
12 V, 1.5 kW, Height 102.65, Internal height 69.20, Inner width 28.10


132356 Field Coil

Replacing: 2004114005, 2004114004

Servicing: 0001358017, 0001358018, 0001358020, 0001358026, 0001358033, 0001358035, 0001358038, 0001358040, 0001358046, 0001358047

12 V, 3.2 kW, Height 131.75, Internal height 86.55, Inner width 28.70


132357# Field Coil

Replacing: 2007010041, 2004114212, 2004114167, 2004114164, 2004114162

Servicing: 0001359001, 0001359002, 0001359003, 0001359004, 0001359008, 0001359010, 0001359012, 0001359013, 0001359014, 0001359016

12 V, 3 kW, Height 130.00, Width 260.00, Internal height 87.50, Inner width 33.00


132360 Field Coil

Replacing: 2004125089, 2004125087, 2004125086, 2004125085

Servicing: 0001413001, 0001413002, 0001413003, 0001413004, 0001413005, 0001413006, 0001413007, 0001413008, 0001413009, 0001413010

12 V, 3.5/3.6 kW, Height 115.00, Internal height 65.60, Inner width 28.00


132585 Field Coil

Servicing: 0001218001, 0001218004, 0001218006, 0001218007, 0001218009, 0001218011, 0001218012, 0001218013, 0001218015, 0001218016

12 V, 2.2 kW, Height 83.09, Internal height 50.45, Inner width 18.65


133100 Field Coil

Replacing: 1004114547, 1004112547
Servicing: 0001211223, 0001211224,
 0001211241, 0001211251, 0001211252,
 0001211253, 0001211254, 0001211255,
 0001211256, 0001211257
 12 V, 0.7/0.8 kW, Height 72.65,
 Internal height 41.00, Inner width 26.90


133101 Field Coil

Replacing: 1004113900, 1004113100
Servicing: 0001312108, 0001312109,
 0001317007, 0001317008, 0001317013,
 0001317022, 0001317023, 0001317024,
 0001317025, B001329009
 12 V, 1.7 kW, Height 111.55,
 Internal height 75.00, Inner width 26.00


133184 Field Coil

Replacing: f002g20186, 1004111005,
 1004111004, 1004111002
Servicing: 0001157012, 0001157013,
 0001157014, 0001157015, 0001157018,
 0001157020, 0001157021, 0001157022,
 0001157023, 0001157024
 12 V, 0.7 kW, Height 80.85,
 Internal height 50.00, Inner width 21.45


133205# Field Coil

Replacing: 1004112902
Servicing: 0001208501, 0001208507,
 0001208508, 0001208510, 0001208513,
 0001208514, 0001208516, 0001208518,
 0001208519, 0001208520
 12 V, 0.85/0.95 kW, Height 76.20,
 Width 197.15, Internal height 47.50,
 Inner width 26.45


133307 Field Coil

Replacing: 1004112904
Servicing: 0001208510, 0001208515,
 0001208517, 0001208526, 0001208528,
 0001208717, 9000333114, 9000333117,
 B001208323, B001208338
 12 V, 0.85 kW, Height 77.30,
 Width 199.00, Internal height 46.80,
 Inner width 25.75


133972# Field Coil

Replacing: 1004112549
Servicing: 0001208202, 0001208205,
 0001208206, 0001208209, 0001208224,
 0001208227, 0001208229, 0001208233,
 0001212400, 0001212401
 12 V, 0.85 kW, Height 77.40,
 Internal height 46.75, Inner width 26.85


134012 Field Coil

Replacing: 1004113537, 1004113535,
 1004113519
Servicing: 0001311042, 0001312101,
 0001312103, 0001312104, 0001312105,
 0001312106, 0001312107, 0001314002,
 0001314005, 0001314014
 12 V, 1.5 kW, Height 104.75,
 Internal height 68.20, Inner width 28.30


134030# Field Coil

Replacing: 1004112905, 1004112105
Servicing: 0001208513, 0001208521,
 0001208702, 0001208705, 0001208706,
 0001208707, 0001208708, 0001208709,
 0001208710, 0001208711
 12 V, 0.95 kW, Height 80.75,
 Internal height 46.90, Inner width 26.20


134090# Field Coil

Replacing: 1004112512, 1004112508
Servicing: 0001208001, 0001208004,
 0001208007, 0001208009, 0001208011,
 0001208018, 0001208019, 0001208023,
 0001208024, 0001208026
 12 V, 0.8 kW, Height 100.00,
 Internal height 62.20, Inner width 22.50


134091 Field Coil

Replacing: 1004112545

Servicing: 0001208172, 0001208200, 0001208201, 0001208203, 0001208204, 0001208205, 0001208206, 0001208208, 0001208211, 0001208214

 12 V, 0.85 kW, Height 79.00,
Internal height 47.10, Inner width 26.20

134359 Field Coil

Replacing: 1004113552, 1004113522

Servicing: 0001311100, 0001311101, 0001311103, 0001311104, 0001311105, 0001311106, 0001311107, 0001311108, 0001311109, 0001311110

 12 V, 1.1 kW, Height 95.00,
Internal height 56.75, Inner width 29.15

134527 Field Coil

Replacing: 9001082568, 1004112564, 1004112553

Servicing: 0001208213, 0001208411, 0001208412, 0001208414, 0001208415, 0001208416, 0001208417, 0001208418, 0001208419, 0001208425

 12 V, 0.95 kW, Height 81.50,
Internal height 46.60, Inner width 26.20

136987 Field Coil

Replacing: 2004114178, 2004114149, 2004114147

Servicing: 0001362010, 0001362058, 0001362085, 0001362094, 0001362099, 0001362104, 0001366003, 0001366005, 0001366006, 0001366010

 12 V, 1.9/2.4 kW, Height 105.20,
Internal height 71.00, Inner width 32.85

137234 Field Coil

Replacing: 2007010070, 2004114233, 2004114092, 2004114087, 2004114086

Servicing: 0001369001, 0001369002, 0001369003, 0001369004, 0001369005, 0001369006, 0001369007, 0001369012, 0001369013, 0001369014

 12 V, 3.1 kW, Height 114.20,
Internal height 72.25, Inner width 32.80

138307 Field Coil

Replacing: 9003334171

Servicing: 0001218172, 0001218173

 12 V, 2.2 kW, Height 75.65,
Internal height 45.00, Inner width 19.00
Field coil: HC-CARGO 232627.

138317 Field Coil

Replacing: 2004114062, 2004114061

Servicing: 0001367027, 0001367036, 0001367046, 0001367051, 0001367054, 0001367057, 0001367063, 0001367077, 0001367081, B001816041

 12 V, 3.2 kW, Height 129.85,
Internal height 88.10, Inner width 35.25

230194 Field Coil

Replacing: 1004112519

Servicing: 0001208006, 0001208014, 0001208017, 0001208048, 0001212002, 0001212003, 0001214002, AL/EEF0.8/12L1

 12 V, 0.8 kW, Height 87.20,
Internal height 63.25,
Inner width 22.25, Rotation ACR

232187 Field Coil

Replacing: 9001140272

Servicing: 9000141104, 9000334101

 12 V, 0.65 kW, Height 84.20,
Internal height 53.00,
Inner width 19.80, Rotation ACR

232625 Field Coil

Servicing: 0001218162, 0001218165

 12 V, 2.2 kW, Height 74.30,
Internal height 43.20, Inner width 22.45


232627 Field Coil

Servicing: 0001218172, 0001218173
 12 V, 2.2 kW, Height 73.55,
 Internal height 41.50, Inner width 22.20


235664 Field Coil

Replacing: 1004112907
 Servicing: 0001218002, 0001218003,
 0001218004, 0001218005, 0001218006,
 0001218007, 0001218008, 0001218009,
 0001218010, 0001218011
 12 V, 2.2 kW, Height 80.00,
 Width 79.50, Internal height 48.95,
 Inner width 18.95

24 Volt

130126 Field Coil

Replacing: 2007010042, 2004114231,
 2004114224, 2004114166, 2004114165,
 2004114163
 Servicing: 0001360002, 0001360004,
 0001360005, 0001360007, 0001360008,
 0001360009, 0001360010, 0001360012,
 0001360013, 0001360014
 24 V, 4 kW, Height 123.00,
 Width 287.50, Internal height 83.60,
 Inner width 28.75, Rotation CR


130127 Field Coil

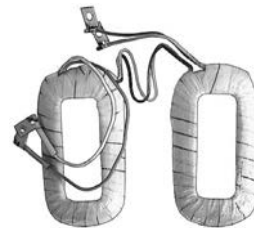
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 Servicing: 0001359101, 0001360004,
 0001360005, 0001360010, 0001360012,
 0001360014, 0001360020, 0001360022,
 0001360023, 0001360026
 24 V, 4 kW, Height 127.00,
 Width 277.00, Internal height 86.50,
 Inner width 33.00


130130 Field Coil

Replacing: 2004125052, 2004125036,
 2004125031, 2004125030, 2004125029,
 2004125009, 2004125008, 2004125007
 Servicing: 0001410015, 0001410016,
 0001410017, 0001410018, 0001410019,
 0001410021, 0001410022, 0001410023,
 0001410024, 0001410025
 24 V, 5.5/6.5 kW, Height 152.25,
 Width 308.00, Internal height 100.50,
 Inner width 28.60
Long.


130131 Field Coil

Replacing: 2004125080, 2004125078,
 2004125075
 Servicing: 0001413017, 0001414001,
 0001414002, 0001414003, 0001414004,
 0001414005, 0001414006, 0001414007,
 0001414008, 0001414009
 24 V, 5 kW, Height 120.50,
 Width 307.50, Internal height 65.70,
 Inner width 28.40
Short.


130322 Field Coil

Replacing: 2004105020, 2004105009
 Servicing: 0001402007, 0001402008,
 0001402018, 0001402031, 0001402034,
 0001402041, 0001402043, 0001402050,
 0001402052, 0001402054
 24 V, 4 kW, Height 114.15,
 Internal height 72.25, Inner width 28.40


131074 Field Coil

Replacing: 2004114295, 2004114290,
 2004114135, 2004114134, 2004114067,
 2004114065
 Servicing: 0001368001, 0001368002,
 0001368003, 0001368004, 0001368005,
 0001368006, 0001368007, 0001368008,
 0001368009, 0001368010
 24 V, 4 kW, Height 127.60,
 Internal height 86.75, Inner width 33.30


131312 Field Coil

Replacing: 2004125083, 2004125076
 Servicing: 0001416055, 0001417001,
 0001417002, 0001417003, 0001417004,
 0001417005, 0001417006, 0001417007,
 0001417008, 0001417009
 24 V, 5.4 6.6 kW, Height 138.25,
 Internal height 85.20, Inner width 29.40



131341 Field Coil

Replacing: 2004114258

Servicing: 0001108169, 0001364100, 0001364101, 0001364102, 0001364103, 0001364104, 0001364105, 0001364106, 0001364108, 0001364200

24 V, 4.8/5.2 kW, Height 146.65, Internal height 101.00, Inner width 32.90



131983# Field Coil

Replacing: 2004115007, 2004115006

Servicing: 0001402031, 0001402043, 0001402050, 0001402054, 0001402055, 0001402059, 0001402072, 0001402075, 0001402079, 0001402081

24 V, 4 kW, Height 109.70, Internal height 72.35, Inner width 29.30



132358 Field Coil

Replacing: 2004114186, 2004114185, 2004114180

Servicing: 0001363001, 0001363002, 0001363101

24 V, 2/2.6 kW, Height 111.00, Internal height 72.45, Inner width 32.70



132905 Field Coil

Replacing: 2004115013

Servicing: 0001420001, 0001420002, 0001420003, 0001420004, 0001420005, 0001420006, 0001420007, 0001420008, 0001420009, 0001420010

24 V, 7.5 kW, Height 150.80, Internal height 101.85, Inner width 32.60



138255 Field Coil

Servicing: 0001219001, 0001219005, 0001219006, 0001219007, 0001219008, 0001219009, 0001219011, 0001219012, 0001219014

24 V, 2.2/2.5 kW, Height 80.15, Internal height 48.55, Inner width 19.25



138314 Field Coil

Replacing: 2004114234, 2004114066, 2004114064

Servicing: 0001368018, 0001368030, 0001368031, 0001368035, 0001368036, 0001368041, 0001368057, 0001368061, 0001368064, 0001368065

24 V, 4 kW, Height 127.00, Internal height 86.15, Inner width 33.65



138318 Field Coil

Replacing: 2004114260

Servicing: 0001364300, 0001364301, 0001364400, 0001364402, B001841010, B001841012

24 V, 4.8/5.2 kW, Height 142.80, Internal height 100.45, Inner width 33.00



139587 Field Coil

Replacing: 2004116099

Servicing: 0001510001, 0001510002, 0001510003, 0001510005, 0001510008, 0001510009, 0001510010, 0001510017, 0001510018, 0001510019

24 V, 9 kW, Height 169.45, Internal height 100.70, Inner width 33.35



139989 Field Coil

Replacing: 9003334151

Servicing: 0001219001, 0001219002, 0001219003, 0001219004, 0001219005, 0001219006, 0001219007, 0001219008, 0001219009, 0001219011

24 V, 2.2/2.5 kW, Height 77.65, Internal height 49.35, Inner width 19.00
Field coil: HC-CARGO 138255.



230841 Field Coil

Replacing: 9001453717, 2004124001
 Servicing: 0001370001, 0001370002, 0001371001, 0001371004, 0001371005, 0001371006, 0001371007, 0001371008, 0001371009, 0001371010
 24 V, 6.7 kW, Height 150.80, Internal height 99.25, Inner width 33.75



231085 Field Coil

Replacing: 2004124006, 2004124005
 Servicing: 0001372001, 0001372002, 0001372003, 0001372004, 0001372005, 0001372006, 0001372007, 0001372008, 0AA137200B, 0AA137200F
 24 V, 6.2 kW, Height 129.70, Internal height 86.10, Inner width 31.15

C.E. Brackets



132217 C.E. Bracket

Replacing: 2000520055
 Servicing: 0001358200, 0001358201, 0001358202, 0001359002, 0001359003, 0001359008, 0001359010, 0001359012, 0001359014, 0001359016



133488 C.E. Bracket

Replacing: 2000580160, 2000580127, 2000580121
 Servicing: 0001410015, 0001410016, 0001410017, 0001410019, 0001410021, 0001410022, 0001410024, 0001410029, 0001410035, 0001410037



133489 C.E. Bracket

Replacing: 2005885073, 2005855383, 2005855381, 2005855379, 2005855365, 2005855325, 2005855166, 2005855165
 Servicing: 0001410015, 0001410016, 0001410017, 0001410018, 0001410021, 0001410026, 0001410029, 0001410032, 0001410033, 0001410034
 Kl. 30 M10, Kl. 31 M10, ID 111.00, Double isolation w/o



133490 C.E. Bracket

Replacing: 2005855382, 2005855372, 2005855366, 2005855326, 2005855174, 2005855173
 Servicing: 0001410019, 0001410022, 0001410024, 0001410037, 0001410047, 0001410049, 0001410050, 0001410051, 0001410064, 0001410068
 Kl. 30 M10, Kl. 31 M10, Double isolation w/



133908 C.E. Bracket

Replacing: 2005854199, 2005854198, 2005854195, 2005854143, 2005854116, 2005854110, 2005854107, 2005854100
 Servicing: 0001362005, 0001362006, 0001362034, 0001362035, 0001362036, 0001362037, 0001362038, 0001362039, 0001362040, 0001362041
 ID 60.00
 Moulded aluminium.



134440 C.E. Bracket

Replacing: 2000580103
 Servicing: 0001410053, 0001410063, 0001510001, 0001510002, 0001510003, 0001510005, 0001510008, 0001510009, 0001510010, 0001510017



134540 C.E. Bracket

Replacing: 2000520057
 Servicing: 0001364100, 0001364101, 0001364102, 0001364103, 0001364104, 0001364105, 0001364106, 0001364108, 0001364200, 0001364201



136547 C.E. Bracket

Replacing: 1005852336
 Servicing: 0001208515, 0001208517, 0001208526, 0001208528, 0001208717, 9000333117, B001208323, B001208338, B001232021
 Double isolation w/o



136558 C.E. Bracket

Replacing: 2005855373, 2005855371, 2005855333, 2005855331, 2005855276, 2005822333
 Servicing: 0001416010, 0001416044, 0001416045, 0001417037, 0001417059, 0001714059, B001411040, B001450109, B001450127, B001450199
 Kl. 30 M12, Kl. 31 M10, Double isolation w/



136559 C.E. Bracket

Replacing: 2005855378, 2005855377, 2005855368, 2005855338, 2005855306, 2005855299, 2005855298, 2005855297
 Servicing: 0001410024, 0001410065, 0001410088, 0001411007, 0001411009, 0001411017, 0001411025, 0001411026, 0001411027, 0001416002
 KI. 30 M12, KI. 31 M10



137000 C.E. Bracket

Replacing: 2005855376
 Servicing: 0001417065, 0001417069, B001411400
 KI. 30 M12, KI. 31 M12



137312 Brush Gear

Replacing: 2005854088
 Servicing: 0001365004, 0001365005, 0001365006, 0001365007, 0001365008, B001819001, B001819009, B001819015, B001819117
 Brush set: HC-CARGO BSX964. Brush spring: HC-CARGO 132224.



137985 C.E. Bracket

Replacing: 9001338878
 Servicing: 0001218157, 9000331201, 9000331203
 Double isolation w/o



138864# C.E. Bracket

Replacing: 2007010062
 Servicing: 0001420001, 0001420002, 0001420003, 0001420004, 0001420005, 0001420006, 0001420007, 0001420008, 0001420009, 0001420010



138924 C.E. Bracket

Replacing: 1005851097, 1005851069, 1005851008
 Servicing: 0001109011, 0001109012, 0001109023, 0001109029, 0001109044, 0001109047, 0001110001, 0001110002, 0001110009, 0001110010
 Double isolation w/o



139065 C.E. Bracket

Replacing: 1005853388, 1005853385, 1005853381
 Servicing: 0001310006, 0001310007, 0001310008, 0001310009, 0001310010, 0001310011, 0001310016, 0001310018, 0001310019, 0001310023



139357 C.E. Bracket

Replacing: F000AL1421, 1005851153, 1005851071, 1005851068, 1005851012, 1005821071, 1005821012
 Servicing: 0001106011, 0001106012, 0001106014, 0001106015, 0001106017, 0001106018, 0001106019, 0001106022, 0001106023, 0001106024
 ID 10.00



139547 C.E. Bracket

Replacing: 1005851095, 1005851093, 1005851070, 1005851042, 1005851010
 Servicing: 00010DB98E, 0001109001, 0001109002, 0001109003, 0001109006, 0001109007, 0001109008, 0001109009, 0001109014, 0001109015
 ID 10.00



230078 C.E. Bracket

Replacing: f000a1528, 1005851072, 1005851016
 Servicing: 0001112005, 0001112006, 0001112007, 0001112008, 0001112009, 0001112012, 0001112013, 0001112014, 0001112015, 0001112016



230175 C.E. Bracket

Replacing: 9001140349, 6033ad1267
 Servicing: 0001218002, 0001218003, 0001218004, 0001218005, 0001218007, 0001218008, 0001218010, 0001218011, 0001218012, 0001218013



230243 C.E. Bracket

Replacing: 2005854163
 Servicing: 0001368083, 0001369007, 0001369019, 0001369025, 0001369200, 0001369201, B001828071, B001828113


230610# C.E. Bracket

Replacing: 1005852371

 Servicing: 0001204102, 0001204103,
0001207001, 0001207003, 0001207005,
0001207009, 0001207010, 0001207014,
0001207015, 0001207016

230616 C.E. Bracket

Replacing: 2005854149

 Servicing: 0001362092, 0001362096,
0001362700, 0001363120, 0001363122,
0001368068, 0001368073, 0001368312,
9000143602, B001812388

230773 C.E. Bracket

 Replacing: 1005851151, 1005851073,
1005851014

 Servicing: 0001106016, 0001106020,
0001107003, 0001107004, 0001107005,
0001107006, 0001107007, 0001107008,
0001107020, 0001107021

230966# C.E. Bracket

Replacing: 1005851054, 1005821054

 Servicing: 0001108074, 0001108112,
0001108125, 0001108128, 0001108130,
B001111347, B001111390, B001111399,
B001111432

231088 C.E. Bracket

Replacing: 2005854183, 2005854173

 Servicing: 0001368316, 0001372001,
0001372006, OAA137200B, OAA137200F,
OAA137200G, B001960018

231273 C.E. Bracket

Replacing: 2005854212, 2005854181

Servicing: 0001371006, 0001371008


231357 C.E. Bracket

Replacing: 6033ad0180, 6033ad0149

 Servicing: 0001230002, 0001230009,
0001231002, 0001231003, 0001231008,
0001231011, 0001231012, 0001231016,
0001231029, 0001231032

ID 10.00


231650 C.E. Bracket

Replacing: 6033ad0056

 Servicing: 0001223002, 0001223003,
0001223004, 0001223005, 0001223007,
0001223008, 0001223016, 0001223021,
0001223022, 0001223024

ID 85.20


233571 C.E. Bracket

Replacing: 1005851105

 Servicing: 0001106405, 0001106406,
0001107401, 0001107402, 0001107403,
0001107404, 0001107405, 0001107406,
0001107407, 0001107408

ID 16.55


234221 C.E. Bracket

Replacing: 6033ad0175

Servicing: 0001230006, 0001230014

ID 82.95


234243# C.E. Bracket

Replacing: 9002335892, 6033ad1270

 Servicing: 0001218016, 0001218110,
0001218710, 0001219013, B001233182

234371 C.E. Bracket

Replacing: 6033ad0141

 Servicing: 0001231007, 0001231019,
0001231023, 0001231030, 0001231034,
0001231119



234395 C.E. Bracket

Replacing: 6033ad0325

Servicing: 0001223013

ID 70.00



234531 C.E. Bracket

Replacing: 2005854211, 2005854179

Servicing: 0001371004, 0001371010, 0001371013, 0001371018, 0001371020, 0001371120

ID 103.30



234746 C.E. Bracket

Replacing: 9001140348, 6033AD1277

Servicing: 0001218116, 0001218117, 0001218119, 0001218148, 0001218149, 0001218160, 0001218170, 0001219010

ID 86.38



234791 C.E. Bracket

Replacing: 6033AD0290, 6033ad0197

Servicing: 0001123004, 0001231004, 0001231014



234899 C.E. Bracket

Replacing: 6033ad0016

Servicing: 0001218728, 0001218741, 0001218768, 0001218774, 0001223001, 0001223006, 0001223009, 0001223010, 0001223014

ID 80.00



235534 C.E. Bracket

Replacing: 9003338886, 1005852312, 1005852311, 1005852309

Servicing: 0001218006, 0001218009, 0001218021, 0001218026, 0001218028, 0001218108, 0001218134, 0001218136, 0001218140, 0001218150



235585 C.E. Bracket

Replacing: 6033ad0198

Servicing: 0001230003, 0001230004, 0001230005, 0001231009

ID 83.60



235603 C.E. Bracket

Replacing: 2005854118

Servicing: 0001368008, 0001368046, 0001368048, 0001368064

ID 105.75, Double isolation w/o



235604 C.E. Bracket

Replacing: 2005854145

Servicing: 0001362313, 0001362700, 0001362701, 0001362705, 0001367067, 0001367301, 0001367303, 0001368062, 0001368077, 0001368307

D.E. Brackets



132049 D.E. Bracket

Replacing: 2005825226, 2005825186, 2005825169, 2005825087, 2005825083

Servicing: 0001410021, 0001410029, 0001410038, 0001410044, 0001410046, 0001410050, 0001410053, 0001410062, 0001410063, 0001410067



132219 D.E. Bracket

Replacing: 2005834341, 2005824843, 2005824666, 2005824570

Servicing: 0001358048, 0001358050, 0001359043, 0001359084, 0001359107, 0001360022, 0001360037, 0001360052, 0001360065, 0001360222



132220 D.E. Bracket

Replacing: 2005825099

Servicing: 0001410037, 0001415007, 0001415008, 0001417042, 0001417043, 9000084012, 9000084013


132221 D.E. Bracket

Replacing: 2005825218

Servicing: 0001410024, 0001410088, 0001411009, 0001411022, 0001413017, 0001415001, 0001416002, 0001416010, 0001416078, 0001417001


134056 D.E. Bracket

Replacing: 2005834064, 2005824864

Servicing: 0001359118, 0001360061, 0001367026, 0001367073, 0001368017, 0001368063, 0001368074, B001816159, B001816160, B001816394


134058# D.E. Bracket

Replacing: 1005823456

Servicing: 0001317011, 0001317012, 0001317016, 0001317017, B001329013, B001329029


134059# D.E. Bracket

Replacing: 1005823474, 1005823459

Servicing: 0001317013, 0001317022, 0001317025, B001329014, B001329045


134060 D.E. Bracket

Replacing: 1005821277, 1005821126

Servicing: 0001110013, 0001110019, 0001110043, 0001110064, 0001110088, 0001110104, 0001110105, B001117018, B001117057, B001117070


134116 D.E. Bracket

Replacing: 1007010035, 1005822389

Servicing: 0001208425, 0001208426, 0001208428, 0001208429, 0001211251, 0001211252, 0001211253, 0001211254, B001208256, B001211204


134130 D.E. Bracket

Replacing: 2005834337, 2005834197, 2005834196, 2005824549

Servicing: 0001362016, 0001362034, 0001362091, 0001362305, 0001362313, 0001362703, 0001369014, 0001369024, B001812174, B001812325


134131 D.E. Bracket

Replacing: 1005821231

Servicing: 0001108054, 0001108065, 0001108108, 0001108115, B001111158, B001111219, B001111349


134134 D.E. Bracket

Replacing: 1005822456

Servicing: 0001208416, 0001208417, 0001208418, 0001208419, 0001211257, 0001211258, B001208243, B001211201


134136 D.E. Bracket

Replacing: 2005823111

Servicing: 0001312100, 0001312110, B001322002, B001322022


134307# D.E. Bracket

Replacing: 1005822465

Servicing: 0001208422, B001208259


134318 D.E. Bracket

Replacing: 2005824909, 2005824695

Servicing: 0001359014, 0001359074, 0001360009, 0001360029, 0001362063, 0001362300, 0001367001, 0001369016, B001812289



134319 D.E. Bracket

Replacing: 2005834747, 2005834027, 2005824747

Servicing: 0001359032, 0001359101, 0001360010, 0001360038, 0001360039, 0001360057, 0001367033, 0001367038, 0001367057, 0001367068



134362 D.E. Bracket

Replacing: 2005834311, 2005834073, 2005824906

Servicing: 0001359122, 0001360063, 0001367029, 0001368020, B001816053, B001816054



134393 D.E. Bracket

Replacing: 2005834155, 2005824425

Servicing: 0001359016, 0001359090



134403 D.E. Bracket

Replacing: 2005824738, 2005824579

Servicing: 0001359051, 0001359089, 0001360010, 0001360023, 0001360036



134406 D.E. Bracket

Replacing: 1005821596, 1005821190

Servicing: 0001110025, 0001110082, 0001110125, B001117224, B001117297



134435# D.E. Bracket

Replacing: 9002338837

Servicing: 0001218818, 6033A1J05B, 9000331406, 9000331421, 9000331424, 9000331430



134493 D.E. Bracket

Replacing: 2005834325, 2005834009, 2005824916, 2005824692, 2005824325

Servicing: 0001359003, 0001359012, 0001359027, 0001359046, 0001359049, 0001359073, 0001359078, 0001359105, 0001360012, 0001360014



134533 D.E. Bracket

Replacing: 1005823463

Servicing: 0001312108, 0001312109, B001335003



134536 D.E. Bracket

Replacing: 2005824780

Servicing: 0001364102, 0001364200, 0001364201, 0001364203, 0001364204, B001819014, B001819102, B001819202, B001819206



134610# D.E. Bracket

Replacing: 1005822396

Servicing: 0001208211, 0001208507, B001208306



134677 D.E. Bracket

Replacing: 1005821299, 1005821285, 1005821055

Servicing: 0001108001, 0001108002, 0001108009, 0001108010, 0001108016, 0001108017, 0001108026, 0001108027, 0001108028, 0001108029



134682# D.E. Bracket

Replacing: 2005834159

Servicing: 0001362005, 0001362006, 0001362044, 0001362045, 0001362081, B001812324


134814# D.E. Bracket

Replacing: 1005821628, 1005821243
 Servicing: 0001107028, 0001107029, 0001107041, 0001108020, 0001108037, 0001108039, 0001108057, 0001108083, 0001108110, 0001108132


134815 D.E. Bracket

Replacing: 1005821272
 Servicing: 0001108040, 0001108071, 0001108082, 0001108111, 0001108152, 0001108158, B001111238, B001111280, B001111357


134850 D.E. Bracket

Replacing: 1005821737, 1005821065
 Servicing: 0001110001, 0001110002, 0001110014, 0001110015, 0001110076, 0001110077, 0001110098, 0001110099, 0001110133, 0001110134


134864 D.E. Bracket

Replacing: 1005821103
 Servicing: 0001110009, 0001110010, B001117030


135214 D.E. Bracket

Replacing: 2005824849, 2005824383
 Servicing: 0001362001, 0001362002, 0001362029, 0001362030, 0001362047, 0001362600, 0001369004, 9000143408, B001812265, B001828041


135288# D.E. Bracket

Replacing: 2005834066
 Servicing: 0001367014, 0001367023, 0001367028, 0001367082, B001816051


135289# D.E. Bracket

Replacing: 2005834173
 Servicing: 0001367056, 0001368038, B001816129, B001816130


135806 D.E. Bracket

Replacing: 1005821070
 Servicing: 0001110003, 0001110026, 0001110089, 0001110095, 0001110114, B001117311


135812# D.E. Bracket

Replacing: 1005823399
 Servicing: 0001314027, 0001314035, B001315126


135892 D.E. Bracket

Replacing: 1005831144, 1005821480, 1005821291
 Servicing: 0001110022, 0001110023, 0001110045, 0001110046, 0001110066, 0001110067, 0001110106, 0001110107, 0001110108, 0001110122


135894# D.E. Bracket

Replacing: 9003338857, 9003338827, 9003335827
 Servicing: 0001218008, 0001218131, 0001218145, 9000331411, 9000331413, B001233068, B001233217


135897 D.E. Bracket

Replacing: 1005821088
 Servicing: 0001108018, 0001108064, B001111079, B001111218



135899# D.E. Bracket

Replacing: 1005821604
Servicing: 0001108125, B001111432



135909 D.E. Bracket

Replacing: 9002338865
Servicing: 0001218105, 0001218128, 0001218728, B001233160, B001233230



135910# D.E. Bracket

Replacing: 9002338804
Servicing: 9000331411



135912 D.E. Bracket

Replacing: 2005834035
Servicing: 0001368016, 0001368043, 0001368056, 0001368317, B001816150, B001816334, B001816548, B001816592



135913 D.E. Bracket

Replacing: 1005821275
Servicing: 0001110044, 0001110051, 0001110065, B001117096, B001117175



135914 D.E. Bracket

Replacing: 1005821153
Servicing: 0001108030, 0001108088, B001111060, B001111299



135915 D.E. Bracket

Replacing: 1005821096
Servicing: 0001109017, 0001109049, 0001110007, 0001110008, B001117011



135964# D.E. Bracket

Replacing: 1005822424
Servicing: 0001208516, 0001208707, B001208316, B001232007



135984# D.E. Bracket

Replacing: 1005821599
Servicing: 0001107014, 0001108004, 0001108033, 0001108087, 0001108106, B001110071, B001111124, B001111287, B001111351



135999# D.E. Bracket

Replacing: 9002338862
Servicing: 0001218009, 0001218026, 0001218104, 0001218127, 0001218134, B001233159, B001233195, B001233229



136049 D.E. Bracket

Replacing: 9002338856
Servicing: 0001218024, 0001218103, 0001218703, B001233151



136090 D.E. Bracket

Replacing: 2005825355
Servicing: 0001416062, 0001416067, 0001416068, B001450253, B001450288, B001450291


136121# D.E. Bracket

Replacing: 1005821094

Servicing: 0001110005, B001117014, B001117202


136127 D.E. Bracket

Replacing: 2005834147

Servicing: 0001360026, 0001360058, 0001368034, 0001368078, B001816098, B001816426


136133# D.E. Bracket

Replacing: 1005821202

Servicing: 0001112009, 0001114008, 0001114017, 0001114021, B001118020, B001180020, B001181013, B001181035, B001181047


136134 D.E. Bracket

Replacing: 1005821649, 1005821468

Servicing: 0001107003, 0001107004, 0001107022, 0001107023, 9000081001, B001110041, B001110100, F000AL0125


136199 D.E. Bracket

Replacing: 1005821683, 1005821058

Servicing: 0001108003, 0001108124, 0001108149, B001111010, B001111044, B001111100, B001111143, B001111392


136233 D.E. Bracket

Replacing: 2007010106, 2007010082

Servicing: 0001362307, B001812330


136289# D.E. Bracket

Replacing: 1005822349

 Servicing: 0001211242, 0001211246, 9000082061, B001211151, B001211190
 Center bushing: HC-CARGO 134772.

136290 D.E. Bracket

Replacing: 9003335895, 9002338852

Servicing: 0001218019, 0001218101, 0001218163, 0001218167, 0001218763, 0001218767, B001233048, B001233139


136310# D.E. Bracket

Replacing: 2005824639

Servicing: 0001358200, 0001358201, 0001358202


136380# D.E. Bracket

Replacing: 1005821162, 1005821076

Servicing: 0001108012, 0001108038, 0001108091, B001111019, B001111130


136383# D.E. Bracket

Replacing: 1005821549, 1005821091

Servicing: 0001108019, 0001108035, 0001108084, 0001108109, 0001108118, 0001108119, B001111064, B001111126, B001111355


136389# D.E. Bracket

Replacing: 2005824774, 2005824419

Servicing: 0001359008, 0001359095, 0001360013, 0001360050



136438# D.E. Bracket

Replacing: 1005822416
 Servicing: 0001211512, 0001211535, 9000333120, B001211306, B001211340



136582 D.E. Bracket

Replacing: 1005821498, 1005821477
 Servicing: 0001107007, 0001107008, 0001107020, 0001107021, 0001107052, 0001107053, 6004AA0019, 9000694029, B001110054, B001110099



136706 D.E. Bracket

Replacing: 1005821497, 1005821159
 Servicing: 0001112003, 0001112004, 0001112038, 0001112039, 0001113011, 0001113012, 0001114005, 0001114006, 9000695006, 9000695009



136707 D.E. Bracket

Replacing: 1005821233
 Servicing: 0001112010, 0001112011, 0001114009, 0001114010, B001111217, B001180021, B001181014



136714 D.E. Bracket

Replacing: 1005821193
 Servicing: 0001112008, 0001112015, B001180011, B001180034



136790 D.E. Bracket

Replacing: 9003338898, 9002338870, 1005822451, 1005822449
 Servicing: 0001218006, 0001218021, 0001218108, 0001218150, 0001219001, 0001219007, B001233066, B001233090, B001233106, B001233121



136802 D.E. Bracket

Replacing: 1005821185
 Servicing: 0001108043, 0001108044, B001111088



136804 D.E. Bracket

Replacing: 1005821461
 Servicing: 0001110061, 0001110062, B001117140



136805# D.E. Bracket

Replacing: 2005834008
 Servicing: 0001362073, B001812269



136806# D.E. Bracket

Replacing: 2005834369
 Servicing: 0001367070, 0001367302, 0001368070, 0001368087, 0001368304, 0001368306, B001816503, B001816504, B001816513, B001816514



136810 D.E. Bracket

Replacing: 2007000003, 2005824888, 2004000003
 Servicing: 0001363101



136994 D.E. Bracket

Replacing: 2005834315
 Servicing: 0001362312, 0001362316, 0001367075, 0001367078, 0001369001, 0001369005, 0001369022, B001812415, B001816581, B001828011


136995 D.E. Bracket

Replacing: 9003338855, 9003335855, 9003335824

Servicing: 0001218007, 0001218126, 0001218176, 0001218776, 0001219014, B001233039, B001233224


137110# D.E. Bracket

Replacing: 1005821445, 1005821099

Servicing: 0001110012, 0001110055, 0001110115, B001117012, B001117270


137114 D.E. Bracket

Replacing: 2005824704

Servicing: 0001364100, 0001365004, B001819001, B001819002


137115 D.E. Bracket

Replacing: 9002338886

Servicing: 0001218004, 0001218005, 0001218017, 0001218111, 0001218112, 0001218130, 0001218711, 0001218712, 0001218730, B001233033


137136 D.E. Bracket

Replacing: 2005834465

Servicing: 0001368083, B001816570


137155 D.E. Bracket

Replacing: 1005821731, 1005821133

Servicing: 0001110017, 0001110056, 0001110999, B001117203, F010AL0101


137156 D.E. Bracket

Replacing: 1005821188

Servicing: 0001108047, 0001108078, 0001108079, B001111106, B001111214, B001111226


137157 D.E. Bracket

Replacing: 1005821442

Servicing: 0001108092, B001111269


137161 D.E. Bracket

Replacing: 2005824931, 2005824852

Servicing: 0001359108, 0001359113, 0001367005, 0001367013, B001816015, B001816035


137162 D.E. Bracket

Replacing: 9002338882

Servicing: 0001218016, 0001218110, 0001218710, 0001219013, B001233182


137273 D.E. Bracket

Replacing: 2005834053

Servicing: 0001363127, 0001367022, 0001368027, 0001368064, B001813256, B001816075, B001816076, B001816406


137282# D.E. Bracket

Replacing: 9001338852

Servicing: 0001218151, 0001218164, 0001218764, B001233190


137309# D.E. Bracket

Replacing: 1005821579

Servicing: 0001112025, F000AL0307



137327 D.E. Bracket

Replacing: 1005821711
Servicing: 0001108151



137381# D.E. Bracket

Replacing: 9001338869
Servicing: 0001218152, 0001219011, B001233216



137611# D.E. Bracket

Replacing: 9003338836
Servicing: 0001218817, 9000331428



137625# D.E. Bracket

Replacing: 1005821210
Servicing: 0001108048, 0001108126, 0001108136, 0001108159, 0001108225, 0001108241, 0001108242, B001111061



137628 D.E. Bracket

Replacing: 1005821702
Servicing: 0001107034, 0001107045, B001110097, F000AL0114, F000AL0119, F000AL0122, F005M00001, F005M00024



137629 D.E. Bracket

Replacing: 1005831159, 1005821901, 1005821768
Servicing: 0001123003, 0001124003, 0001124004, 0001125005, 0001125006, 0001125035, 0001125036, B001127016



137630 D.E. Bracket

Replacing: 1005831169, 1005821787
Servicing: 0001124005, 0001124006, 0001125001, 0001125002, 0001125003, 0001125011, 0001125031, 0001125032



137631# D.E. Bracket

Replacing: 1005821962, 1005821817
Servicing: 0001112041, 0001116003, F000AL0325, F000AL0327



137632 D.E. Bracket

Replacing: 2005824837
Servicing: 0001362046, 0001363112, B001812200, B001813223



137633 D.E. Bracket

Replacing: 9001338021
Servicing: 0001218157, 0001218757
Needle bearing: HC-CARGO 140242.



137635 D.E. Bracket

Replacing: 9001338857
Servicing: 9000331201, 9000331203



137763 D.E. Bracket

Replacing: 1005821147
Servicing: 0001108031, 0001108052, 0001108056, 0001108154, B001111091, B001111171


137899# D.E. Bracket

Replacing: 1005821157

 Servicing: 0001112021, 0001112022,
0001113001, 0001113002, 0001113007,
0001113008, B001180036

137900 D.E. Bracket

Replacing: 1005821196

 Servicing: 0001107058, 0001107061,
0001108042, 0001108050, 0001108063,
B001111090, B001111098, B001111220

137901# D.E. Bracket

Replacing: 1005821224

 Servicing: 0001110029, 0001110030,
B001117080

137906 D.E. Bracket

Replacing: 1005821585

 Servicing: 0001107016, 0001108121,
B001110078, B001111359

137907# D.E. Bracket

Replacing: 1005821637

Servicing: 0001112032


137908# D.E. Bracket

Replacing: 1005821651

 Servicing: 0001107027, 0001107028,
0001108139, 0001108140, B001110133,
B001111462, B001111463

137909 D.E. Bracket

Replacing: 1005821694

 Servicing: 0001110092, 0001110102,
0001110124

137911 D.E. Bracket

Replacing: 1005821790

Servicing: 0001108157, B001111498


137912 D.E. Bracket

 Replacing: 1005831193, 1005831163,
1005821793

 Servicing: 0001107096, 0001124007,
0001124008, 0001124011, 0001124012,
0001124022, 0001124023, 0001125003,
0001125004

Dust proof.

137913 D.E. Bracket

Replacing: 1005831301, 1005821799

 Servicing: 0001109015, 0001109052,
0001109055, 0001109062, 0001109068

137914# D.E. Bracket

Replacing: 1005821857

Servicing: 0001107059, 0001107082


137915 D.E. Bracket

 Replacing: 2005831167, 1005831167,
1005821903, 1005821746

 Servicing: 0001108031, 0001124001,
0001124002, 0001124015, 0001125007,
0001125008, 0001125012, 0001125013,
0001125042, 0001125043

Dust proof.



137916# D.E. Bracket

Replacing: 1005821935, 1005821820
 Servicing: 0001107054, 0001107055, 0001107068, 0001107069, 0001107073, 0001107074



137918 D.E. Bracket

Replacing: 2005834177
 Servicing: 0001362302, 0001362319, 0001362332, 0001367002, 0001367032, 0001367058, 0001367079, 0001367080, 0001368037, 0001368039



138210 D.E. Bracket

Replacing: 2005825283
 Servicing: 0001410101, 0001410111, 0001411029, 0001416033, 0001416036, 0001417024, 0001417079, B001411264, B001450208, B001450212



138315# D.E. Bracket

Replacing: 2005834171
 Servicing: 0001367054, B001816187



138324 D.E. Bracket

Replacing: 1005831432, 1005821755
 Servicing: 0001109014, 0001109036, 0001109250, 0001110112, F002G20795



138357 D.E. Bracket

Replacing: 1005821826
 Servicing: 0001110120



138450 D.E. Bracket

Replacing: 2005834120
 Servicing: 0001359119, 0001367049, 0001368033, 0001368061, 0001368075, B001816153, B001816154, B001816370, B001816524



138863# D.E. Bracket

Replacing: 2005834716, 2005824894
 Servicing: 0001362039, 0001362105, 0001362322, 0001363111, B001812189, B001812352



138944 D.E. Bracket

Replacing: 1005821269
 Servicing: 0001108070, 0001108105, 0001108135, B001111227, B001111340, B001111415



139020# D.E. Bracket

Replacing: 1005821758
 Servicing: 0001107047



139062# D.E. Bracket

Replacing: 1005821297
 Servicing: 0001108068, 0001108069, 0001108103, 0001108104, 0001108134, 0001108160, 0001108995, 0001108996, 0001108997, 0001108998



139261 D.E. Bracket

Replacing: 1005821213
 Servicing: 0001109009, 0001110028, 0001110041, 0001110042, B001116011, B001117013, B001117075, B001117125, B001117247


139499 D.E. Bracket

Replacing: 9003338820, 9001338010
 Servicing: 0001218120, 0001218121, 0001218133, 0001218146, 0001218147, 0001218159, 0001218759, B001233208, B001233238


139502 D.E. Bracket

Replacing: 2007010112
 Servicing: 0001362700, B001812413


139508 D.E. Bracket

Replacing: 9001338042
 Servicing: 0001218172, 0001218772


139548 D.E. Bracket

Replacing: 1005821796
 Servicing: 0001107076, 0001107166, 0001108166, 0001108189, 0001115002


139554 D.E. Bracket

Replacing: 9001338067
 Servicing: 0001218174, 0001218774


139555# D.E. Bracket

Replacing: 9005140239
 Servicing: 9000114101, 9000114115, 9000141101, 9000141107, 9000141113, 9000141115, 9000330939


139573 D.E. Bracket

Replacing: 1005821985
 Servicing: 0001108180, 0001108182, 0001108186


139695# D.E. Bracket

Replacing: 1005821615
 Servicing: 0001107033, 0001108129, 0001111003, B001111195


139906 D.E. Bracket

Replacing: 1005821932
 Servicing: 0001107067, 0001108173


139913 D.E. Bracket

Replacing: 2005834453
 Servicing: 0001368081, 0001368310, B001816592


139977 D.E. Bracket

Replacing: 9001338064
 Servicing: 0001218173


230077 D.E. Bracket

Replacing: 1005821946, 1005821740
 Servicing: 0001107037, 0001107048, 0001107072


230113 D.E. Bracket

Replacing: 2005824974
 Servicing: 0001363101, 0001363111, B001813222



230171# D.E. Bracket

Replacing: 1005821228
 Servicing: 0001110031, 0001110032,
 0001110084, 0001110085, B001117071,
 B001117609



230196# D.E. Bracket

Replacing: 1005823437, 1005823433
 Servicing: 0001314047, 0001314048,
 0001316013, B001315186, B001315187



230454# D.E. Bracket

Replacing: 1005821925
 Servicing: 0001107063, 0001108176



230608 D.E. Bracket

Replacing: 1005831234, 1005821115
 Servicing: 0001108021, 0001108147,
 B001111069



230811 D.E. Bracket

Replacing: 2005825352
 Servicing: 0001416061, 0001416065,
 B001450273



230836# D.E. Bracket

Replacing: 1005821473
 Servicing: 0001109001, 0001109002,
 0001109006, 0001109007, B001116001



230838 D.E. Bracket

Replacing: 1005821839
 Servicing: 0001108167



230844 D.E. Bracket

Replacing: 2005834012, 2005824389
 Servicing: 0001359020, 0001367017,
 0001368040, B001816125, B001816126



230850# D.E. Bracket

Replacing: 1005821539
 Servicing: 0001108074, 0001108112,
 B001111191, B001111347



230851# D.E. Bracket

Replacing: 1005821525
 Servicing: 0001107012, 0001107013,
 0001107017, 0001107018, B001110043,
 B001110081



231023 D.E. Bracket

Replacing: 9001338029
 Servicing: 0001218168, 0001218768,
 0001219012, 0001219112



231071# D.E. Bracket

Replacing: 2005834399
 Servicing: 0001362102, B001812430


231082 D.E. Bracket

Replacing: 9001338073

Servicing: 0001231003


231087 D.E. Bracket

Replacing: 2005834825

 Servicing: 0001372001, 0AA137200B,
0AA137200F, B001960018

231169 D.E. Bracket

Replacing: 1005821860

 Servicing: 0001109030, 0001109045,
0001109048, 0001109253, 0001109268,
0001109269, 0001109270, 0001109336,
0001109337

231274# D.E. Bracket

Replacing: 2005834512, 2005824509

 Servicing: 0001358047, 0001371008,
0001371009

231563 D.E. Bracket

 Replacing: 9003338853, 9003338061,
9001338853, 9001338061

 Servicing: 0001218100, 0001218125,
0001218145, 0001218158, 0001218175,
0001218177, 0001218725, 0001218758,
0001218775, 0001218777

231593 D.E. Bracket

 Replacing: 9001338056, 6033ad3172,
6033ad0231, 6033ad0174

 Servicing: 0001230001, 0001231002,
0001231032, B001260015

231656# D.E. Bracket

Replacing: 1005821630

 Servicing: 0001108133, 0001108138,
B001111439

231657# D.E. Bracket

Replacing: 1005821913

Servicing: 0001109033


231661# D.E. Bracket

Replacing: 1005821516

 Servicing: 0001110069, 0001110070,
0001110086, 0001110087, 0001110118,
0001110119, B001117068, B001117610

231696 D.E. Bracket

Replacing: 2005825071

 Servicing: 0001410015, 0001410016,
0001410017, 0001410018, 0001410019,
0001410022, 0001410034, 0001410041,
0001410045, 0001410055

231710 D.E. Bracket

Replacing: 2005824999, 2005824401

 Servicing: 0001359025, 0001360024,
0001362306, 0001362315, 0001367007,
0001368003, 0001368005, 0001368047,
0001368080, 0001369017

231728 D.E. Bracket

Replacing: 2005834068

Servicing: 0001368019, B001816052



231750 D.E. Bracket
 Replacing: 2005825359
 Servicing: 0001417053, 0001417061, B001411359



231752 D.E. Bracket
 Replacing: 2005825326
 Servicing: 0001410115, 0001417045, 0001417047, B001411325



231791 D.E. Bracket
 Replacing: 1005821632
 Servicing: 0001107025, 0001107026, 0001107103, 0001107104, B001110114



231792# D.E. Bracket
 Replacing: 1005821671
 Servicing: 0001108143, B001111361



231847 D.E. Bracket
 Replacing: 2005822023
 Servicing: 0001211221, 0001211222, 0001211992, 0001211993, 9000692062, B001211098



231848 D.E. Bracket
 Replacing: 1005821832
 Servicing: 0001109025, 0001109200, 0001109201



232184 D.E. Bracket
 Replacing: 1005821976
 Servicing: 0001107077, 0001107098



233215 D.E. Bracket
 Replacing: 6033ad0450, 6033ad0144
 Servicing: 0001230009, 0001231011



233576 D.E. Bracket
 Replacing: 2005824912
 Servicing: 0001362064, 0001362301, 0001368082, 0001369018, B001812295, B001816438



233586# D.E. Bracket
 Replacing: 9001338016
 Servicing: 0001218162, 0001218165



233856# D.E. Bracket
 Replacing: 1005821576
 Servicing: 0001108123, B001111412



233858 D.E. Bracket
 Replacing: 2005834511, 2005834507
 Servicing: 0001371006, 0001371007



233943 D.E. Bracket
 Replacing: 1005831129, 1005831015
 Servicing: 0001106012, 0001106017, 0001106022, B001109104



233974 D.E. Bracket
 Replacing: 1005831173, 1005821892
 Servicing: 0001125503, 0001125504, 0001125513, 0001125514, 0123525503



233984 D.E. Bracket
 Replacing: 1005821982
 Servicing: 0001109035


234051# D.E. Bracket

Replacing: 1005821890

Servicing: 0001116001


234079# D.E. Bracket

Replacing: 1005821534

Servicing: 0001110072, B001117157, B001117161


234080 D.E. Bracket

Replacing: 1005831220

Servicing: 0001108196


234082# D.E. Bracket

Replacing: 1005821622

Servicing: 0001108130, B001111399


234083 D.E. Bracket

Replacing: 1005821898

Servicing: 0001121008, 0001121009, 0001121026, 0001121027


234084 D.E. Bracket

Replacing: 1005821960

Servicing: 0001109034


234138 D.E. Bracket

Replacing: 1005831108

Servicing: 0001121016, 0001121017, B001120046


234140# D.E. Bracket

Replacing: 1005831135

Servicing: 0001124020, 0001124021


234154 D.E. Bracket

Replacing: 1005831171, 1005821866

Servicing: 0001125501, 0001125502, 0001125511, 0001125512, B001126081


234157 D.E. Bracket

Replacing: 1005821955

Servicing: 0001109021, 0001109022, 0001109066, 0001109067, B001116092


234237 D.E. Bracket

Replacing: 1005821988

Servicing: 0001108217, 0001108218, 0001115008, f000a10101, F000AL0127


234241 D.E. Bracket

Replacing: 1005821906

Servicing: 0001107102, 0001108197, 0001108205, 0001108213, 0001108214, 0001115005, B001115020


234246 D.E. Bracket

Replacing: 6033AD1097, 6033ad0219

Servicing: 0001223005


234248 D.E. Bracket

Replacing: 2005834837

Servicing: 0001372006, 0AA137200G



234367# D.E. Bracket

Replacing: 1005831181, 1005821811
 Servicing: 0001121001, 0001121002, 0001121030, 0001121031, 0001121034, 0001121035



234369 D.E. Bracket

Replacing: 1005831175, 1005831116
 Servicing: 0001125507, 0001125508, 0001125517, 0001125518



234370 D.E. Bracket

Replacing: 6033ad0139
 Servicing: 0001231007, 0001231030



234373# D.E. Bracket

Replacing: 2005834705
 Servicing: 0001369023, 0001369201



234374 D.E. Bracket

Replacing: 6033ad0280, 6033ad0076
 Servicing: 0001223003, 0001223007, 0001223024



234376 D.E. Bracket

Replacing: 6033ad0448, 6033ad0082
 Servicing: 0001230006, 0001230014, 0001231005



234393 D.E. Bracket

Replacing: 6033ad0307
 Servicing: 0001223013



234397 D.E. Bracket

Replacing: 1005831126
 Servicing: 0001107091, 0001107097, 0001107109, 0001107110, 0001107111



234510# D.E. Bracket

Replacing: 2005825376
 Servicing: 0001417064, B001411392



234519 D.E. Bracket

Replacing: 2005825393, 2005825278, 2005825183
 Servicing: 0001410065, 0001411017, 0001411025, 0001411026, 0001417005, 0001417006, 0001417059, 0001417073, 0001417074, 0001714059



234789 D.E. Bracket

Replacing: 2005834846, 2005834828
 Servicing: 0001372002, 0001372004, 0001372007, B001860023



234790 D.E. Bracket

Replacing: 6033ad0000
 Servicing: 0001231004



234847 D.E. Bracket

Replacing: 1005831425, 1005831340, 1005831040
 Servicing: 0001125018, 0001125019, 0001125048, 0001125049, 0001125605, 0001125606



234848 D.E. Bracket

Replacing: 1005831037
 Servicing: 0001125016, 0001125017, 0001125046, 0001125047


234900 D.E. Bracket

Replacing: 6033ad0336

Servicing: 0001223014


235036 D.E. Bracket

Replacing: 1005831157, 1005821881

 Servicing: 0001121006, 0001121007,
0001121028, 0001121029, F004A94029

235305 D.E. Bracket

Replacing: 1005821713

Servicing: 0001108153

Bearing: HC-CARGO 140807.


235586 D.E. Bracket

Replacing: 6033ad0451, 6033ad0080

Servicing: 0001230004, 0001231009


235755 D.E. Bracket

Replacing: 6033AD04380, 6033ad0438

Servicing: 0001231016

Bushing: HC-CARGO 140010.


236146 D.E. Bracket

Replacing: 2005822015

 Servicing: 0001211997, 0001211998,
9000042021, 9000042027, 9000082009

236509# D.E. Bracket

Replacing: 1005831304

 Servicing: 0001123002, 0001123003,
0001123202

236640 D.E. Bracket

Replacing: 1005831152

Servicing: 0001107093


238845 D.E. Bracket

Replacing: 6033AD4149, 6033AD4118

Servicing: 0001230027, 0001231033

I.M. Brackets

137386# I.M. Bracket

Replacing: 2005823099

 Servicing: 0001311042, 0001311044,
0001311047, 0001313003, 0001313004,
0001313005, 0001313006, 0001313007,
0001314001, 0001314002

137610 I.M. Bracket

Replacing: 9001338863

Servicing: 9000331201


137983 I.M. Bracket

Replacing: 9001338033

Servicing: 9000331201, 9000331203


139911 I.M. Bracket

 Replacing: 2005824881, 2005824649,
2005824465

 Servicing: 0001358048, 0001358049,
0001358050, 0001358051, 0001359001,
0001359002, 0001359003, 0001359004,
0001359008, 0001359010



139912# I.M. Bracket

Replacing: 2005834427
 Servicing: 0001364300, 0001364301, 0001364400, 0001364402, B001841010, B001841012



230457 I.M. Bracket

Replacing: 2005834281
 Servicing: 0001362321, 0001362331, 0001363128, 0001363130, 0001367036, 0001367038, 0001367046, 0001367051, 0001367054, 0001367057



230727# I.M. Bracket

Replacing: 1005823403
 Servicing: 0001314036, 0001317007, 0001317008, 0001317009, 0001317010, 0001317011, 0001317012, 0001317013, 0001317014, 0001317015



231089 I.M. Bracket

Replacing: 2005834593
 Servicing: 0001372001, 0001372002, 0001372003, 0001372004, 0001372005, 0001372006, 0001372007, 0001372008, OAA137200B, OAA137200F



231276 I.M. Bracket

Replacing: 2005834596
 Servicing: 0001371004, 0001371005, 0001371006, 0001371007, 0001371008, 0001371009, 0001371012, 0001371014, 0001371017, 0001371018



235622 I.M. Bracket

Replacing: 2005824522
 Servicing: 0001364100, 0001364101, 0001364102, 0001364104, 0001364105, 0001364106, 0001364200, 0001364201, 0001364202, 0001364203

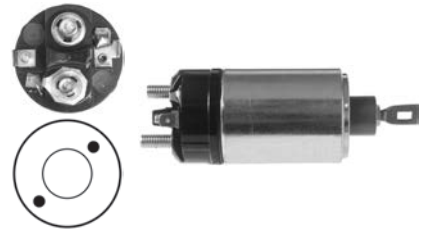
Solenoids

12 Volt



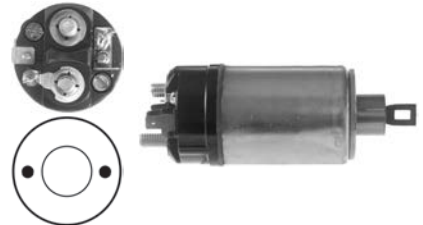
130281 Solenoid

Replacing: 0331101003, 0331101001, 0331100014, 0331100005
 Servicing: 0001400016, 0001401011, 0001401012, 0001401019, 0001401023, 0001401026, 0001401027, 0001401028, 0001401041, 0001401044
 12 V, B+ Cable, OD 85.90, Total length 93.80



130293 Solenoid

Replacing: 0331302033
 Servicing: 0001208019, 0001208020, 0001208027, 0001208028, 0001208030, 0001208031, 0001208040, 0001208041, 0001211018, 0001211019
 12 V, B+ M8, Kl. 15a 6.30, Kl. 50 M5-6.30, ID/ cover 20.75, OD 50.30, OD/ cover 50.25, Total length 144.60, Height/ B+ 12.00, Width/ kl. 15a 15.00, Width/ kl. 50 45.00, Coil bolt M8, Coil bolt 2 13.00, No./ terminals 4
 Cap: HC-CARGO 131334.



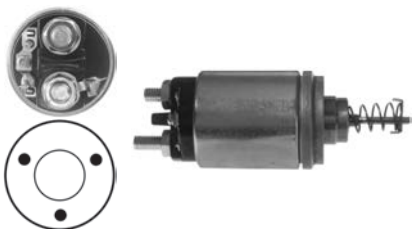
130294 Solenoid

Replacing: 9330141015, 9330141007, 0331302555, 0331302055, 0331302031, 0331302023
 Servicing: 0001157001, 0001157002, 0001157003, 0001157005, 0001157007, 0001157008, 0001157011, 9000141010, 9000141013, 9000141015
 12 V, B+ M8, Kl. 15a 6.30, Kl. 30h 6.30, Kl. 50 6.30, OD 49.30, OD/ cover 50.70, Total length 136.50, Height/ B+ 13.70, Width/ kl. 15a 45.00, Width/ kl. 30h 30.00, Width/ kl. 50 15.00, Coil bolt M8, Coil bolt 2 7.80, No./ terminals 4
 Cap: HC-CARGO 130479.



130296 Solenoid

Replacing: 0331402076, 0331401507, 0331401007, 0331400022, 0331400017, 0331400016, 0331400014
 Servicing: 0001358017, 0001358018, 0001358020, 0001358026, 0001358028, 0001358032, 0001358033, 0001358035, 0001358038, 0001358040
 12 V, B+ M10, Kl. 30h M10, Kl. 50 M4S, ID/ cover 30.00, OD 60.85, OD/ cover 53.35, Total length 200.35, Height/ B+ 23.60, Width/ kl. 30h 16.60, Width/ kl. 50 2.80, Coil bolt M10, Coil bolt 2 17.00, No./ terminals 3
 Cap: HC-CARGO 131317.


130297 Solenoid

Replacing: 0331402074, 0331402073, 0331401504, 0331401503, 0331401051, 0331401046, 0331401029, 0331401012

Servicing: 0001356003, 0001359001, 0001359002, 0001359003, 0001359004, 0001359006, 0001359008, 0001359010, 0001359012, 0001359013

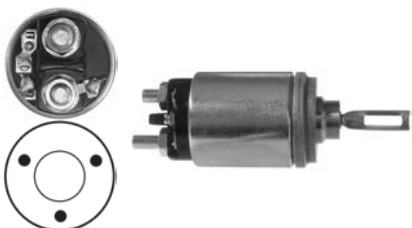
12 V, B+ M10, Kl. 30h M10, Kl. 50 M4S, ID/ cover 29.85, OD 61.00, OD/ cover 53.30, Total length 177.75, Height/ B+ 23.40, Width/ kl. 30h 20.75, Width/ kl. 50 7.60, Coil bolt M10, Coil bolt 2 16.55, No./ terminals 3
Cap: HC-CARGO 131318.


130299 Solenoid

Replacing: 0331402078, 0331401510, 0331401506, 0331401039, 0331401024, 0331401017, 0331401014, 0331401010

Servicing: 0001354064, 0001354077, 0001354079, 0001354086, 0001354101, 0001362003

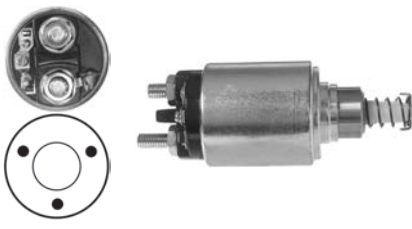
12 V, B+ M10, Kl. 30h M10, Kl. 50 M4, ID/ cover 29.90, OD 61.60, OD/ cover 53.40, Total length 158.00, Height/ B+ 23.60, Width/ kl. 30h 16.30, Width/ kl. 50 2.30, Coil bolt M10, Coil bolt 2 17.00, No./ terminals 3
Cap: HC-CARGO 131318.


130300 Solenoid

Replacing: 0331402507, 0331401508, 0331401027, 0331401015, 0331400011, 0331400009, 0331400007

Servicing: 0001354016, 0001354018, 0001354029, 0001354080, 0001354082, 0001354085, 0001354091


12 V, B+ M10, Kl. 30h M10, Kl. 50 M4S, ID/ cover 30.00, OD 60.90, OD/ cover 53.35, Total length 173.60, Height/ B+ 24.70, Width/ kl. 30h 15.75, Width/ kl. 50 3.80, Coil bolt M10, Coil bolt 2 17.00, No./ terminals 3
Cap: HC-CARGO 131318.


130301 Solenoid

Replacing: 0331402704, 0331402539, 0331402535, 0331402519, 0331402504, 0331402501, 0331402205, 0331402204

Servicing: 0001223501, 0001358048, 0001358050, 0001358051, 0001359008, 0001359014, 0001359020, 0001359027, 0001359030, 0001359032


12 V, B+ M10, Kl. 30h M10, Kl. 50 M4S, ID/ cover 29.80, OD 61.30, OD/ cover 53.35, Total length 164.00, Height/ B+ 24.00, Width/ kl. 30h 16.45, Width/ kl. 50 3.30, Coil bolt M10, Coil bolt 2 17.00, No./ terminals 3
Cap: HC-CARGO 131318.

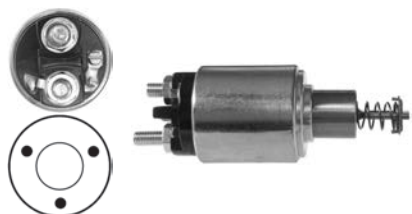
Alternative no.: 333168 , 130301Z


130301Z Solenoid

Replacing: 0331402704, 0331402539, 0331402535, 0331402519, 0331402504, 0331402501, 0331402205, 0331402204

12 V, B+ M10, Kl. 30h M10, Kl. 50 M4S, ID/ cover 29.80, OD 61.30, OD/ cover 53.35, Total length 164.00, Height/ B+ 24.00, Width/ kl. 30h 16.45, Width/ kl. 50 3.30, Coil bolt M10, Coil bolt 2 17.00, No./ terminals 3


Alternative no.: 333168 , 130301


130302 Solenoid

Replacing: 0331402503, 0331402502, 0331402202, 0331402003, 0331402002, 0331401045, 0331401038

Servicing: 0001358049, 0001358200, 0001358201, 0001358202, 0001359025, 0001359041, 0001359049, 0001359053, 0001359068, 0001359072


12 V, B+ M10, Kl. 30h M10, Kl. 50 M4S, ID/ cover 29.60, OD 61.00, OD/ cover 53.45, Total length 164.30, Height/ B+ 23.00, Width/ kl. 30h 16.00, Width/ kl. 50 2.95, Coil bolt M10, Coil bolt 2 17.00, No./ terminals 3
Cap: HC-CARGO 131317.

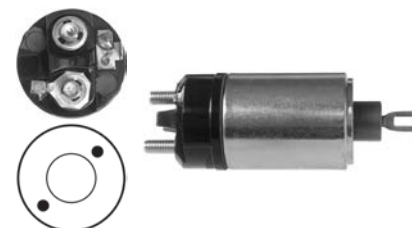
Alternative no.: 333137 , 130302Z


130302Z Solenoid

Replacing: 0331402503, 0331402502, 0331402202, 0331402003, 0331402002, 0331401045, 0331401038

12 V, B+ M10, Kl. 30h M10, Kl. 50 M4S, ID/ cover 29.60, OD 61.00, OD/ cover 53.45, Total length 164.30, Height/ B+ 23.00, Width/ kl. 30h 16.00, Width/ kl. 50 2.95, Coil bolt M10, Coil bolt 2 17.00, No./ terminals 3

Alternative no.: 333137 , 130302

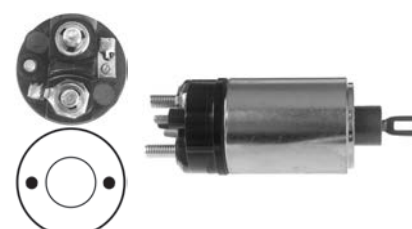

130468 Solenoid

Replacing: 9330041005, 0331302540, 0331302093, 0331302089, 0331302070, 0331302066, 0331302064, 0331302051

Servicing: 0001157021, 0001208044, 0001208051, 0001208052, 0001208053, 0001208054, 0001208207, 0001208210, 0001208214, 0001208233

12 V, B+ M8, Kl. 50 6.30, OD 50.20, OD/ cover 49.85, Total length 142.40, Height/ B+ 16.90, Width/ kl. 50 11.00, Coil bolt M8, Coil bolt 2 12.90, No./ terminals 3

Cap: HC-CARGO 131335.


130470 Solenoid

Replacing: 0331302091, 0331302083, 0331302063, 0331302054

Servicing: 0001208049, 0001208055, 0001208206, 0001208249, 0001208255, 0001211229, 0001211989, 0001211995, 0001211996, 0001311046

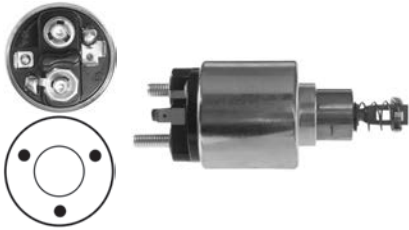
12 V, B+ M8, Kl. 15a M5, Kl. 50 6.30, OD 50.10, OD/ cover 49.45, Total length 142.00, Height/ B+ 17.95, Width/ kl. 15a 8.35, Width/ kl. 50 12.45, Coil bolt M8, Coil bolt 2 13.70, No./ terminals 4

Cap: HC-CARGO 131334.



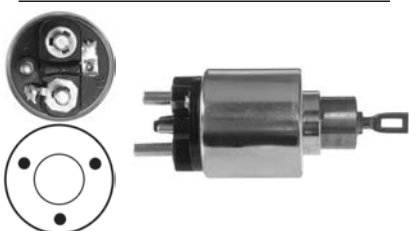
130471 Solenoid

Replacing: 0331302570, 0331302082, 0331302075, 0331302047, 0331302042
Servicing: 0001208053, 0001208054, 0001311025, 0001311027, 0001311045, 0001314006, B001311054
 12 V, B+ M8, Kl. 15a 6.30, Kl. 50 6.30, OD 49.00, OD/ cover 50.70, Total length 143.75, Height/ B+ 14.40, Width/ kl. 15a 14.00, Width/ kl. 50 12.30, Coil bolt M8, Coil bolt 2 7.75, No./ terminals 4
 Cap: HC-CARGO 130479.



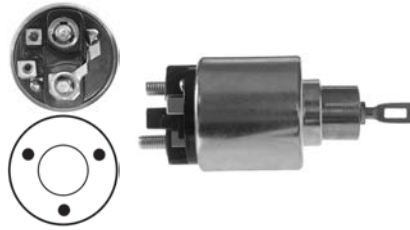
130474 Solenoid

Replacing: 0331303573, 0331303509, 0331303073, 0331303047, 0331303023, 0331303018, 0331303009, 0331303004
Servicing: 0001208400, 0001212202, 0001212204, 0001212205, 0001212206, 0001212207, 0001212211, 0001212212, 0001212400, 0001212401
 12 V, B+ M8, Kl. 15a 6.30, Kl. 50 6.30, ID/ cover 27.00, OD 56.25, OD/ cover 49.30, Total length 144.20, Height/ B+ 20.35, Width/ kl. 15a 14.65, Width/ kl. 50 11.30, Coil bolt M8, Coil bolt 2 12.20, No./ terminals 4
 Cap: HC-CARGO 131337.



130475 Solenoid

Replacing: 2339303283, 0331303031, 0331303028, 0331303016, 0331303005
Servicing: 0001108004, 0001108019, 0001108020, 0001108033, 0001108039, 0001108100, 0001108158, 0001112037, 0001208172, 0001208219
 12 V, B+ M8, Kl. 15a M4, Kl. 50 6.30, ID/ cover 26.85, OD 56.30, OD/ cover 49.55, Total length 140.35, Height/ B+ 20.60, Width/ kl. 15a 8.30, Width/ kl. 50 12.55, Coil bolt M8, Coil bolt 2 12.70, No./ terminals 4
 Cap: HC-CARGO 131847.



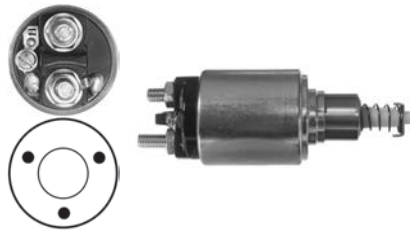
130476 Solenoid

Replacing: 9330081039, 2339303270, 0331303530, 0331303503, 0331303040, 0331303038, 0331303030, 0331303019
Servicing: 0001108021, 0001208200, 0001208201, 0001208208, 0001208211, 0001208213, 0001208216, 0001208217, 0001208221, 0001208222
 12 V, B+ M8, Kl. 15a M5, Kl. 50 M4, ID/ cover 27.00, OD 56.40, OD/ cover 49.45, Total length 136.00, Height/ B+ 15.00, Coil bolt M8, Coil bolt 2 12.50, No./ terminals 4
 Cap: HC-CARGO 131338.



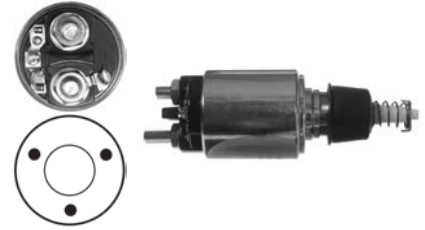
130806 Solenoid

Replacing: 0331402016, 0331401035, 0331401026, 0331401013, 0331401011
Servicing: 0001362001, 0001362002, 0001362004, 0001362005, 0001362006, 0001362007, 0001362008, 0001362010, 0001362011, 0001362018
 12 V, B+ M10, Kl. 50 M4, ID/ cover 30.45, OD 61.20, OD/ cover 53.50, Total length 162.65, Height/ B+ 21.85, Width/ kl. 50 3.65, Coil bolt M10, Coil bolt 2 15.15, No./ terminals 3
 Cap: HC-CARGO 131318.



131042 Solenoid

Replacing: 0331402513, 0331402200, 0331402013
Servicing: 0001359043, 0001359084, 0001359111, 0001367010, 0001367034, 0001367039, 0001367059, 0001367300, 0001367301, 0001367303
 12 V, B+ M10, ID/ cover 30.00, OD 60.85, OD/ cover 53.35, Total length 172.20, Height/ B+ 23.35, Coil bolt M10, Coil bolt 2 16.65, No./ terminals 3
 Cap: HC-CARGO 133447.
 Alternative no.: 333587



131141 Solenoid

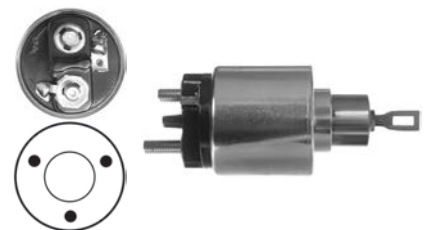
Replacing: 9330081028, 2339402141, 0331402570, 0331402568, 0331402209, 0331402070, 0331402068, 0331402043
Servicing: 0001359051, 0001359089, 0001359097, 0001359098, 0001362039, 0001362317, 0001362318, 0001362321, 0001362322, 0001362323
 12 V, B+ M10, Kl. 50 M4, ID/ cover 30.00, OD 61.50, OD/ cover 53.25, Total length 181.75, Height/ B+ 21.00, Width/ kl. 50 M4, No./ terminals 3
 Cap: HC-CARGO 131318. Rubber boot: HC-CARGO 135576.

Alternative no.: 333144



131142 Solenoid

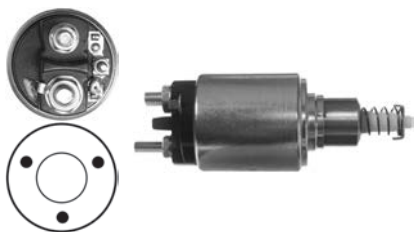
Replacing: 0331402029, 0331402023
Servicing: 0001359082, 0001359104, 0001359109, 0001359110, 0001359126, 0001359127, 0001362060, 0001362067, 0001362082, 0001367006
 12 V, B+ M8, ID/ cover 30.15, OD 61.15, OD/ cover 53.55, Total length 160.20, Height/ B+ 18.50, Coil bolt M10, Coil bolt 2 16.85, No./ terminals 3
 Cap: HC-CARGO 131319.



131143 Solenoid

Replacing: 9330081065, 2339303296, 2339303284, 0331303653, 0331303506, 0331303156, 0331303153, 0331303058
Servicing: 0001107005, 0001107006, 0001107009, 0001107012, 0001107013, 0001107024, 0001107033, 0001107060, 0001107085, 0001108011
 12 V, B+ M8, Kl. 50 6.30, ID/ cover 27.10, OD 56.35, OD/ cover 49.35, Total length 140.80, Height/ B+ 20.00, Width/ kl. 50 12.50, Coil bolt M8, Coil bolt 2 12.60, No./ terminals 3
 Cap: HC-CARGO 131315.

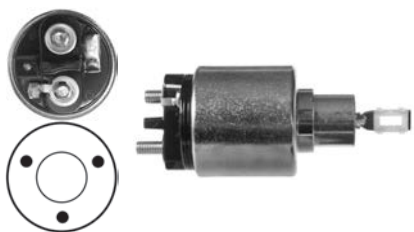
Alternative no.: 333147 , 333572


131189 Solenoid

Replacing: 0331402528, 0331402096, 0331402028, 0331402027

Servicing: 0001362005, 0001362006, 0001362044, 0001362045, 0001362061, 0001362079, 0001362081, 0001362602, 0001362603, 0001362606

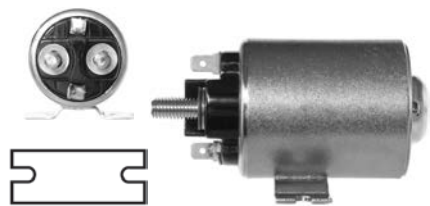
12 V, B+ M10, Kl. 50 M5, ID/ cover 29.85, OD 61.00, OD/ cover 53.10, Total length 171.75, Height/ B+ 19.00, Width/ kl. 50 13.70, Coil bolt M10, Coil bolt 2 17.00, No./ terminals 3
Cap: HC-CARGO 133159.


131308 Solenoid

Replacing: 0331303043

Servicing: 0001208224, 0001208225, B001208189, B001208201

12 V, B+ M8, Kl. 50 6.30, ID/ cover 27.00, OD 56.60, OD/ cover 49.60, Total length 121.45, Height/ B+ 14.10, Width/ kl. 50 12.10, Coil bolt M8, Coil bolt 2 9.25, No./ terminals 3
Cap: HC-CARGO 131315.


131370 Solenoid

Replacing: 0333006004

Servicing: 0001108078, 0001108079, 0333006004

12 V, 80 Amp, Intermittent load 500 Amp., B+ M8, Kl. 50 6.30, OD 52.10, OD/ cover 45.20, Total length 101.75, Height/ B+ 17.50, Width/ kl. 50 10.65, Coil bolt M8, Coil bolt 2 17.50, Seconds 5, No./ terminals 4
Water proof. Silver contact. Insulated return.

Alternative no.: 333160


131373Z Solenoid

Replacing: 0333009004

12 V, 150 Amp, Intermittent load 800 Amp., B+ M8, Kl. 15a 6.30, Kl. 50 6.30, OD 52.17, OD/ cover 43.36, Total length 102.10, Height/ B+ 17.34, Coil bolt M8, Coil bolt 2 17.34, Seconds 5, No./ terminals 4

Silver contact.

Alternative no.: 333153


131586 Solenoid

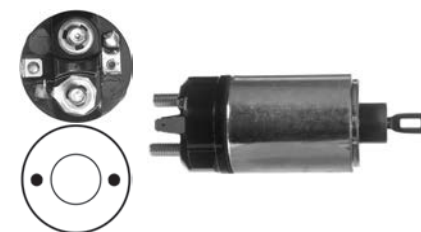
Replacing: F000SH0180, 9330043502, 9330043002, 2339303435, 2339303408, 2339303363, 2339303321, 0331303571

Servicing: 0001106001, 0001106002, 0001106004, 0001107003, 0001107004, 0001107007, 0001107008, 0001108001, 0001108002, 0001108005

12 V, B+ M8, Kl. 50 6.30, OD 56.35, OD/ cover 49.70, Total length 138.00, Height/ B+ 18.60, Width/ kl. 50 13.85, Coil bolt M8, Coil bolt 2 14.30, No./ terminals 4

Cap: HC-CARGO 131337.

Alternative no.: 333146

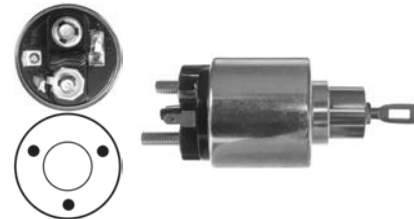

131790 Solenoid

Replacing: 0331302094, 0331302062

Servicing: 0001208100, 0001208101, 0001208202, 0001208229, 0001208405, 0001211200, 0001211201, 0001211215, 0001211241, 0001311103

12 V, B+ M8, Kl. 15a 6.30, Kl. 50 6.30, OD 50.15, OD/ cover 49.90, Total length 143.00, Height/ B+ 16.75, Width/ kl. 15a 15.00, Width/ kl. 50 11.55, Coil bolt M8, Coil bolt 2 13.45, No./ terminals 4

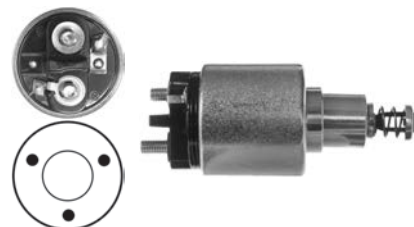
Cap: HC-CARGO 130479.


131791 Solenoid

Replacing: 2339304249, 2339303250, 2339303241, 2339303240, 0331303250, 0331303241, 0331303240, 0331303084

Servicing: 0001108012, 0001108025, 0001108030, 0001108038, 0001108061, 0001108062, 0001108088, 0001108089, 0001108090, 0001108091

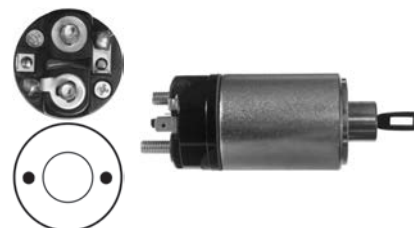
12 V, B+ M8, Kl. 15a 4.70, Kl. 50 6.30, ID/ cover 27.00, OD 56.30, OD/ cover 49.35, Total length 141.90, Height/ B+ 20.10, Width/ kl. 15a 11.75, Width/ kl. 50 12.75, Coil bolt M8, Coil bolt 2 12.50, No./ terminals 4
Cap: HC-CARGO 132279.


131793 Solenoid

Replacing: 0331303626, 0331303602, 0331303126, 0331303110, 0331303102, 0331303100, 0331303068, 0331303046

Servicing: 0001107015, 0001107044, 0001107066, 0001108011, 0001108018, 0001108024, 0001108031, 0001108042, 0001108050, 0001108054

12 V, B+ M8, Kl. 50 6.30, ID/ cover 27.25, OD 56.55, OD/ cover 49.65, Total length 119.50, Height/ B+ 14.15, Width/ kl. 50 12.35, Coil bolt M8, Coil bolt 2 9.65, No./ terminals 3
Cap: HC-CARGO 131315.


131794 Solenoid

Replacing: 9330141018, 9330141014, 0331302092, 0331302077, 0331302059

Servicing: 0001157009, 0001157010, 0001157012, 0001157013, 0001157015, 0001157016, 0001157017, 0001157021, 0001157023, 0001157027

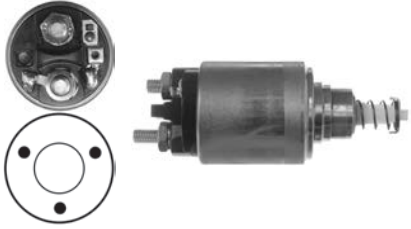
12 V, B+ M8, Kl. 15a 6.30, Kl. 50 6.30, OD 49.85, OD/ cover 50.00, Total length 143.15, Height/ B+ 15.50, Width/ kl. 15a 11.85, Width/ kl. 50 10.80, Coil bolt M8, Coil bolt 2 9.70, No./ terminals 4
Cap: HC-CARGO 130479.


132252 Solenoid

Replacing: 0331402032, 0331402017, 0331401032

Servicing: 0001362009, 0001362012, 0001364106, 9000143002, B001819072

12 V, B+ M10, Kl. 50 4.70, ID/ cover 30.15, OD 61.15, OD/ cover 53.45, Total length 162.25, Height/ B+ 21.95, Width/ kl. 50 3.60, Coil bolt M10, Coil bolt 2 15.65, No./ terminals 3
Cap: HC-CARGO 131317.

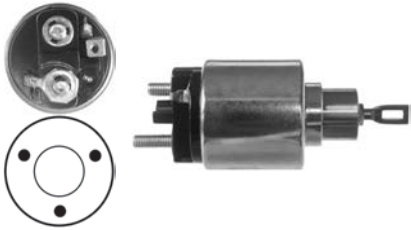

132253 Solenoid

Replacing: 0331402524, 0331402024

Servicing: 0001358202, 0001359094, 0001362307, 0001367071, B001812330, B001816275

12 V, B+ M10, Kl. 50 4.70, ID/ cover 30.10, OD 61.15, OD/ cover 53.40, Total length 162.00, Height/ B+ 22.20, Width/ kl. 50 3.75, Coil bolt M10, Coil bolt 2 15.50, No./ terminals 3
Cap: HC-CARGO 131317.

Alternative no.: 333586

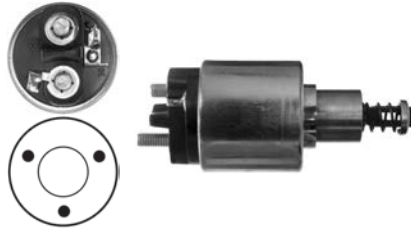

132258 Solenoid

Replacing: 2339303447, 2339303263, 2339303260, 2339303102, 0331303654, 0331303154, 0331303061, 0331303048

Servicing: 0001108003, 0001108032, 0001108046, 0001108066, 0001108068, 0001108069, 0001108103, 0001108104, 0001108124, 0001108134

12 V, B+ M8, Kl. 50 4.70, ID/ cover 26.90, OD 56.55, OD/ cover 49.50, Total length 140.15, Height/ B+ 19.80, Width/ kl. 50 8.60, Coil bolt M8, Coil bolt 2 12.30, No./ terminals 3
Cap: HC-CARGO 132780.

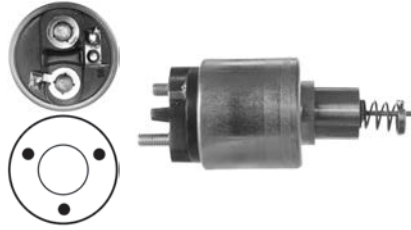
Alternative no.: 333142


132260 Solenoid

Replacing: 9339303222, 0331303037

Servicing: 0001218741, 0001317009, 0001317010, 0001317018, 0001317019, B001329010

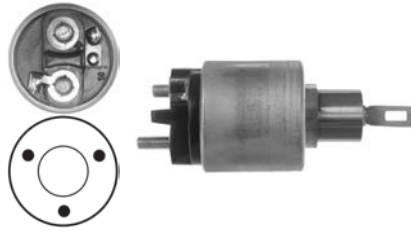
12 V, B+ M8, Kl. 50 6.30, ID/ cover 27.00, OD 56.70, OD/ cover 49.60, Total length 141.00, Height/ B+ 17.25, Width/ kl. 50 13.25, Coil bolt M8, Coil bolt 2 8.55, No./ terminals 3
Cap: HC-CARGO 131315.


132261 Solenoid

Replacing: 0331303034

Servicing: 0001312108, 0001312109, 0001317005, 0001317006, 0001317007, 0001317008, 0001317011, 0001317012, 0001317014, 0001317015

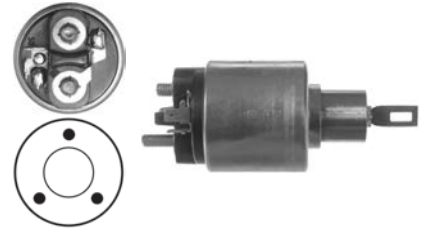
12 V, B+ M8, Kl. 50 6.30, ID/ cover 27.00, OD 56.70, OD/ cover 49.50, Total length 139.55, Height/ B+ 16.60, Width/ kl. 50 13.45, Coil bolt M8, Coil bolt 2 8.50, No./ terminals 3
Cap: HC-CARGO 133202.


132263 Solenoid

Replacing: 0331303567, 0331303069, 0331303067, 0331303042

Servicing: 0001108024, 0001108031, 0001108050, 0001108153, 0001110063, 0001125502, 0001125512, 0001157028, 0001208710, 0001211248

12 V, B+ M8, Kl. 50 6.30, ID/ cover 26.90, OD 56.65, OD/ cover 49.55, Total length 139.00, Height/ B+ 17.00, Width/ kl. 50 12.50, Coil bolt M8, Coil bolt 2 9.15, No./ terminals 3
Cap: HC-CARGO 131315.


132264 Solenoid

Replacing: 0331303081, 0331303079

Servicing: 0001108023, 0001108075, 0001110079, 0001125502, 0001125512, B001111266, B001117275, B001126081

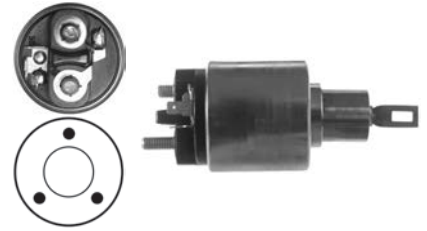
12 V, B+ M8, Kl. 50 6.30, ID/ cover 27.15, OD 56.70, OD/ cover 49.60, Total length 139.00, Height/ B+ 16.30, Width/ kl. 50 13.00, Coil bolt M8, Coil bolt 2 8.75, No./ terminals 3
Cap: HC-CARGO 132282.


132265 Solenoid

Replacing: 9330081062, 0331303066

Servicing: 0001109003, 0001110017, 0001110999, 0001125507, 0001125508, 0001125517, 0001125518, 0001208507, 0001208516, 0001208518

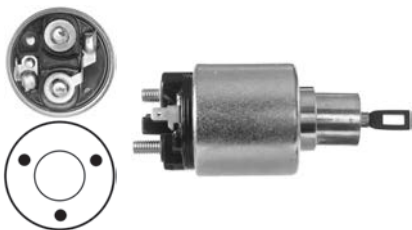
12 V, B+ M8, Kl. 50 6.30, ID/ cover 27.00, OD 56.75, OD/ cover 49.65, Total length 139.75, Height/ B+ 16.80, Width/ kl. 50 13.25, Coil bolt M8, Coil bolt 2 8.95, No./ terminals 3
Cap: HC-CARGO 131315.


132266 Solenoid

Replacing: 0331303582, 0331303082

Servicing: 0001125507, 0001125508, 0001125517, 0001125518, 0001218004, 0001218005, 0001218017, 0001218111, 0001218112, 0001218130

12 V, B+ M8, Kl. 50 6.30, ID/ cover 27.15, OD 56.75, OD/ cover 49.60, Total length 140.45, Height/ B+ 16.90, Width/ kl. 50 13.20, Coil bolt M8, Coil bolt 2 8.40, No./ terminals 3
Cap: HC-CARGO 132282.


132267 Solenoid

Replacing: 0331303597, 0331303560, 0331303122, 0331303097, 0331303091, 0331303090, 0331303083, 0331303060

Servicing: 0001108023, 0001108075, 0001125056, 0001208209, 0001208211, 0001208213, 0001208227, 0001218003, 0001218004, 0001218005

12 V, B+ M8, Kl. 50 6.30, ID/ cover 27.20, OD 56.40, OD/ cover 49.60, Total length 118.40, Height/ B+ 14.15, Width/ kl. 50 13.40, Coil bolt M8, Coil bolt 2 9.60, No./ terminals 3

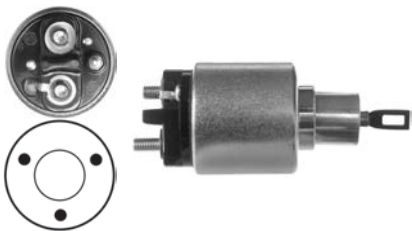
Cap: HC-CARGO 132282.

Alternative no.: 333568


132272 Solenoid

Replacing: 9339331001

12 V, B+ M8, Kl. 15a M5, Kl. 50 6.30, ID/ cover 23.15, OD 52.40, OD/ cover 49.85, Total length 138.40, Height/ B+ 18.95, Width/ kl. 15a 7.40, Width/ kl. 50 15.65, Coil bolt M8, Coil bolt 2 19.85, No./ terminals 4
Cap: HC-CARGO 132723.


132299 Solenoid

Replacing: 0331303086

Servicing: 0001108033, 0001108035, 0001108037, 0001108040, 0001108057, 0001108071, 0001108082, 0001108083, 0001108084, 0001110019

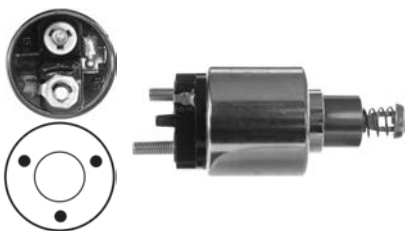
12 V, B+ M8, Kl. 15a M6, Kl. 30h M8, ID/ cover 27.10, OD 56.55, OD/ cover 49.10, Total length 118.50, Height/ B+ 14.50, Width/ kl. 15a 14.60, Width/ kl. 30h 9.55, No./ terminals 3
Cap: HC-CARGO 132300.


132803 Solenoid

Replacing: 0331101011

Servicing: 0001413001, 0001413003, 0001413006, 0001413007, 0001413008, 0001413009, 0001413010, 0001413011, 0001413012, 0001413013

12 V

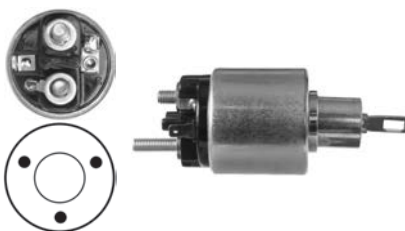

132827 Solenoid

Replacing: 0331303070, 0331303064, 0331303045

Servicing: 0001107005, 0001107006, 0001108043, 0001108044, 0001108059, 0001108060, 0001108096, 0001108097, 0001108118, 0001108119

12 V, B+ M8, Kl. 50 6.30, ID/ cover 26.75, OD 56.25, OD/ cover 49.30, Total length 139.75, Height/ B+ 20.45, Width/ kl. 50 11.25, Coil bolt M8, Coil bolt 2 12.25, No./ terminals 3
Cap: HC-CARGO 133202.

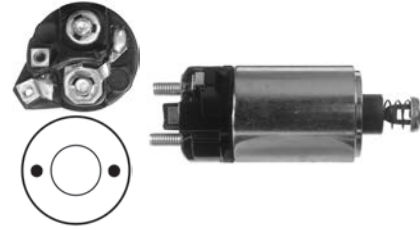
Alternative no.: 333166


132828 Solenoid

Replacing: 9330081050, 2339303403, 2339303232, 0331303094

Servicing: 0001108072, 0001108073, 0001108101, 0001108102, 0001110029, 0001110030, 0001110100, 0001110101, 0001112005, 0001112006

12 V, B+ M8, Kl. 15a 6.30, Kl. 50 6.30, ID/ cover 27.25, OD 56.45, OD/ cover 49.20, Total length 130.00, Height/ B+ 23.60, Width/ kl. 15a 13.25, Width/ kl. 50 12.40, Coil bolt M8, Coil bolt 2 7.65, No./ terminals 4
Cap: HC-CARGO 131337.


133141 Solenoid

Replacing: 0331302571, 0331302518, 0331302076, 0331302071, 0331302036, 0331302018, 0331302010

Servicing: 0001208011, 0001208019, 0001208027, 0001208032, 0001211006, 0001211010, 0001211020, 0001211204, 0001211205, 0001211209

12 V, B+ M8, Kl. 15a 4.70, Kl. 50 4.70, OD 50.10, OD/ cover 49.75, Total length 142.30, Height/ B+ 18.45, Width/ kl. 15a 4.75, Width/ kl. 50 6.25, Coil bolt M8, Coil bolt 2 14.00, No./ terminals 4

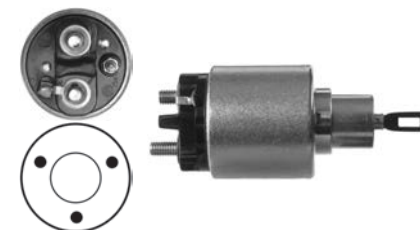
Cap: HC-CARGO 132778.


133398 Solenoid

Replacing: 0331401008

Servicing: 0001354004, 0001354005, 0001354007, 0001354010, 0001354021, 0001354041, 0001354080, 0001354081, 0001354085, 0001354087

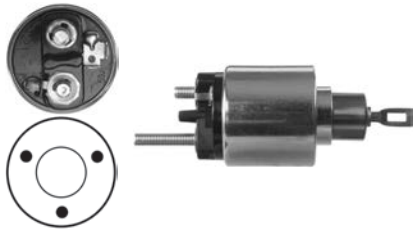
12 V, B+ M10, ID/ cover 30.00, OD 61.00, OD/ cover 53.40, Total length 175.30, Height/ B+ 22.85, Width/ kl. 50 2.80, Coil bolt M10, Coil bolt 2 17.00, No./ terminals 3
Cap: HC-CARGO 131317.


133419 Solenoid

Replacing: 0331303089

Servicing: 0001218022, 0001218104, 0001218105, 0001218106, 0001218128, B001233107, B001233159, B001233160, B001233163, B001233192

12 V, B+ M8, Kl. 15a M6, ID/ cover 27.00, OD 56.40, OD/ cover 49.10, Total length 118.00, Height/ B+ 14.00, Width/ kl. 15a 12.55, Coil bolt M8, Coil bolt 2 9.60, No./ terminals 3
Cap: HC-CARGO 132300.


133421 Solenoid

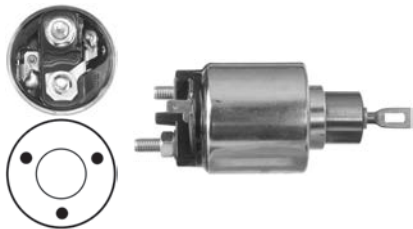
Replacing: 0331303555, 0331303132, 0331303076, 0331303056, 0331303055

Servicing: 0001110009, 0001110010, 0001208425, 0001208426, 0001208428, 0001208429, 0001211251, 0001211252, 0001211253, 0001211254

12 V, B+ M8, Kl. 50 6.30, ID/ cover 26.95, OD 56.30, OD/ cover 49.45, Total length 155.75, Height/ B+ 35.00, Width/ kl. 50 13.60, Coil bolt M8, Coil bolt 2 12.75, No./ terminals 3

Cap: HC-CARGO 133148.

Alternative no.: 333545

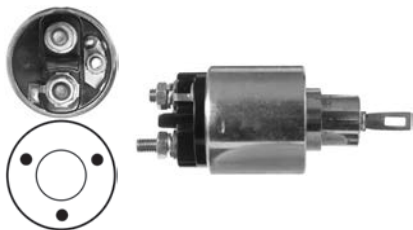

133422 Solenoid

Replacing: 9330331513, 9330331013, 0331303609, 0331303109

Servicing: 0001208506, 0001211536, 0001218174, 0001218774, 9000692085

12 V, B+ M8, Kl. 50 6.30, ID/ cover 27.15, OD 56.30, OD/ cover 49.50, Total length 137.00, Height/ B+ 14.85, Width/ kl. 50 11.20, Coil bolt M8, Coil bolt 2 8.90, No./ terminals 3

Cap: HC-CARGO 132779.

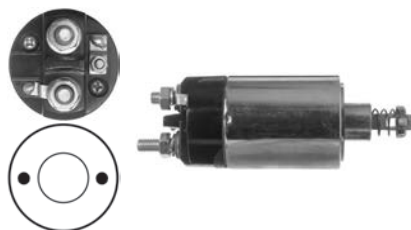

133424 Solenoid

Replacing: F000SH0139, f000sh0108, 9330081066, 2339303256, 2339303251, 2339303207, 0331303624, 0331303600

Servicing: 0001107015, 0001107044, 0001107066, 0001107089, 0001107091, 0001107097, 0001107109, 0001107110, 0001107111, 0001108018

12 V, B+ M8, Kl. 50 M6, ID/ cover 26.85, OD 56.20, OD/ cover 49.30, Total length 141.00, Height/ B+ 20.00, Width/ kl. 50 15.30, Coil bolt M8, Coil bolt 2 12.65, No./ terminals 3

Cap: HC-CARGO 138004.


133428 Solenoid

Replacing: 0331302596, 0331302096

Servicing: 0001208403, 0001311050, 0001311051, 0001311052, 0001311055, 0001311056, 0001314003, 0001314008, 0001314009, 0001314010

12 V, B+ M8, Kl. 50 M4, OD 50.10, OD/ cover 49.80, Total length 142.75, Height/ B+ 16.95, Width/ kl. 50 13.00, Coil bolt M8, Coil bolt 2 12.55, No./ terminals 3

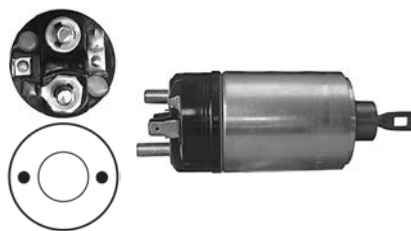
Cap: HC-CARGO 133777.


133487 Solenoid

Replacing: 0331450009

Servicing: 0001413001, 0001413003, 0001413006, 0001413007, 0001413008, 0001413009, 0001413010, 0001413011, 0001413012, 0001413013

12 V


133636 Solenoid

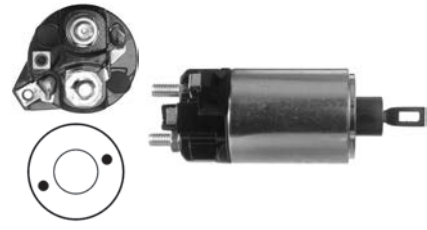
Replacing: 0331302049, 0331302046, 0331302045, 0331302044, 0331302039, 0331302029

Servicing: 0001155016, 0001155017, 0001157004, 0001208032, 0001208036, 0001208037, 0001208038, 0001208039, 0001211012, 0001211013

12 V, B+ M8, Kl. 15a 6.30, Kl. 50 6.30, OD 50.25, OD/ cover 50.00,

Total length 145.00, Height/ B+ 17.25, Width/ kl. 15a 12.55, Width/ kl. 50 14.45, Coil bolt M8, Coil bolt 2 13.15, No./ terminals 4

Cap: HC-CARGO 130479.


133642 Solenoid

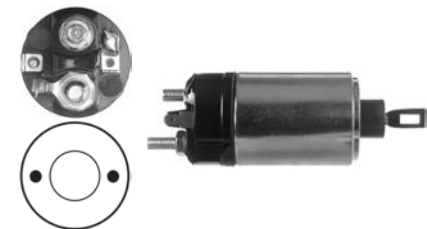
Replacing: 0331302050, 0331302026, 0331302015, 0331302009, 0331302003, 0331302002

Servicing: 0001208001, 0001208003, 0001208009, 0001208025, 0001208026, 0001208033, 0001208048, 0001209002, 0001209003, 0001209008

12 V, B+ M8, Kl. 15a 4.70, Kl. 50 4.70, OD 50.15, OD/ cover 50.00,

Total length 145.00, Height/ B+ 17.25, Width/ kl. 15a 5.00, Width/ kl. 50 6.00, Coil bolt M8, Coil bolt 2 13.40, No./ terminals 4

Cap: HC-CARGO 132778.


133643 Solenoid

Replacing: 0331302056

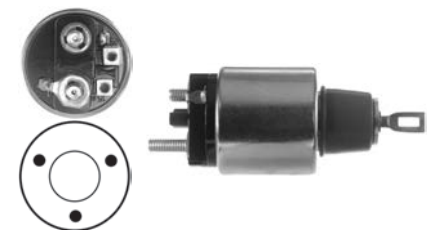
Servicing: 0001311042, 0001314001, 0001314004, B001315003

12 V, B+ M8, Kl. 15a 4.70, Kl. 50 6.30, OD 51.40, OD/ cover 49.35,

Total length 148.40, Height/ B+ 19.00, Width/ kl. 15a 9.65, Width/ kl. 50 13.55,

Coil bolt M8, Coil bolt 2 9.80, No./ terminals 4

Cap: HC-CARGO 132781.


133644 Solenoid

Replacing: 0331303021, 0331303012

Servicing: 0001312103, 0001314005, 0001314028, 0001314029, 0001314030, 0001314041, B001315038, B001315118, B001315141, B001315143

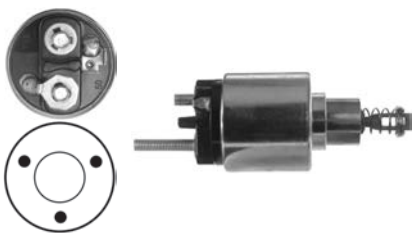
12 V, B+ M8, Kl. 15a 4.70, Kl. 50 4.70, ID/ cover 26.75, OD 56.25,

OD/ cover 49.45, Total length 142.20, Height/ B+ 19.80, Width/ kl. 15a 6.35,

Width/ kl. 50 8.30, Coil bolt M8, Coil bolt 2 12.55, No./ terminals 4

Cap: HC-CARGO 132780.

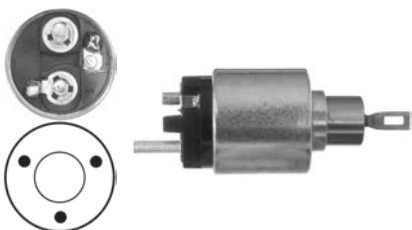
Alternative no.: 333555


134376 Solenoid

Replacing: 0331303604, 0331303557, 0331303104, 0331303057

Servicing: 0001212213, 0001212214, 0001212402, 0001212403, 9000692078, B001229016, B001229202

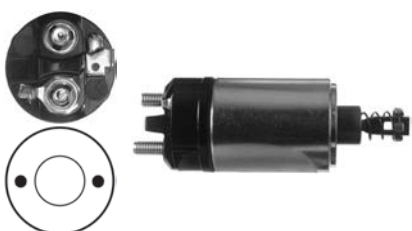
12 V, B+ M8, Kl. 50 6.30, ID/ cover 26.95, OD 56.30, OD/ cover 49.30, Total length 153.40, Height/ B+ 34.95, Width/ kl. 50 12.00, Coil bolt M8, Coil bolt 2 12.20, No./ terminals 3
Cap: HC-CARGO 133148.


134378 Solenoid

Replacing: 2339303429, 2339303402, 2339303234, 0331303234, 0331303101

Servicing: 0001110022, 0001110023, 0001110045, 0001110046, 0001110066, 0001110067, 0001110106, 0001110107, B001117129, B001117154

12 V, B+ M8, Kl. 50 6.30, ID/ cover 27.20, OD 56.25, OD/ cover 49.55, Total length 146.40, Height/ B+ 25.00, Width/ kl. 50 13.20, Coil bolt M8, Coil bolt 2 10.00, No./ terminals 3
Cap: HC-CARGO 131315.


134823 Solenoid

Replacing: 0331302524, 0331302074, 0331302032, 0331302024

Servicing: 0001212002, 0001212003, 0001212005, 0001212006, 0001212007, 0001212008, 0001212012, 0001212013, 0001212209, B001229009

12 V, B+ M8, Kl. 50 6.30, OD 50.10, OD/ cover 50.75, Total length 147.40, Height/ B+ 17.15, Width/ kl. 50 12.45, Coil bolt M8, Coil bolt 2 12.70, No./ terminals 3
Cap: HC-CARGO 131335.

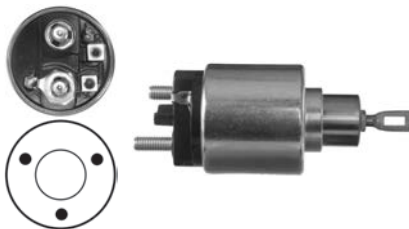

134824 Solenoid

Replacing: f000sh0136, f000sh0133, f000sh0120, f000sh0102, 9330081068, 2339303724, 2339303722, 2339303418

Servicing: 0001107003, 0001107004, 0001107008, 0001107020, 0001107021, 0001107022, 0001107023, 0001107025, 0001107026, 0001107052

12 V, B+ M8, Kl. 50 4.70, ID/ cover 26.80, OD 56.30, OD/ cover 49.65, Total length 145.25, Height/ B+ 19.75, Coil bolt M8, Coil bolt 2 12.25, No./ terminals 3
Cap: HC-CARGO 134825.

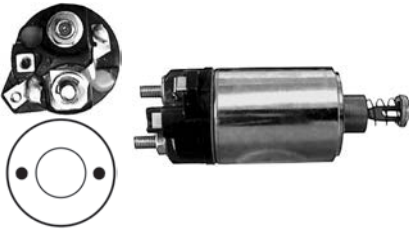
Alternative no.: 333145


135065 Solenoid

Replacing: 0331303053, 0331303035

Servicing: 0001108120, 0001110011, 0001110016, 0001110078, 0001314027, 0001314035, 0001314036, B001111010, B001111044, B001111326

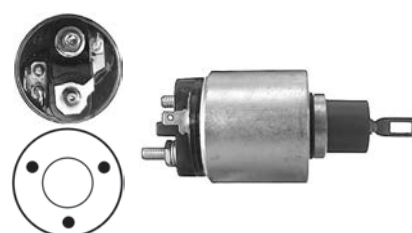
12 V, B+ M8, Kl. 15a 4.70, Kl. 50 4.70, ID/ cover 26.95, OD 56.30, OD/ cover 49.40, Total length 140.25, Height/ B+ 20.30, Width/ kl. 15a 6.35, Width/ kl. 50 7.80, Coil bolt M8, Coil bolt 2 11.85, No./ terminals 4
Cap: HC-CARGO 132780.


135358 Solenoid

Replacing: 0331502097, 0331302597, 0331302107, 0331302072, 0331302061, 0331302058

Servicing: 0001208227, 0001212011, 0001215001, 0001215003, 0001312100, 0001312102, 0001312110, 0001312111, B001322012, B001322022

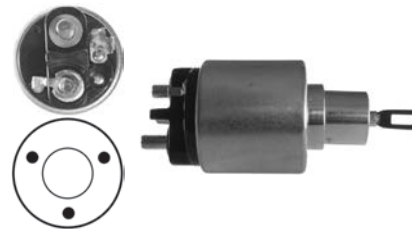
12 V, B+ M8, Kl. 15a 4.70, Kl. 50 4.70, OD 50.00, OD/ cover 50.85, Total length 149.20, Height/ B+ 16.75, Width/ kl. 15a 4.75, Width/ kl. 50 5.60, Coil bolt M8, Coil bolt 2 13.10, No./ terminals 4
Cap: HC-CARGO 132778.


135526 Solenoid

Replacing: 9330331002, 0331303665, 0331303165

Servicing: 0001218152, 0001218812, 0001218817, 0001218818, 9000331201, 9000331203, 9000331421, 9000331423, 9000331428, 9000331430

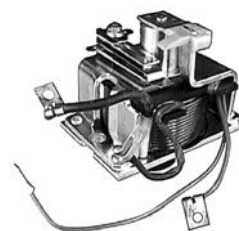
12 V, B+ M8, Kl. 50 6.30, ID/ cover 26.95, OD 56.30, OD/ cover 49.30, Total length 141.00, Height/ B+ 20.55, Width/ kl. 50 10.65, Coil bolt M8, Coil bolt 2 8.25, No./ terminals 3
Cap: HC-CARGO 132779.


135583 Solenoid

Replacing: 0331303050

Servicing: 0001218002, 0001218151, 0001218164, 0001218602, 0001218764, 9000331420, B001233035, B001233190

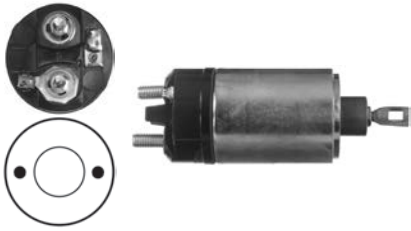
12 V, B+ M8, Kl. 50 6.30, ID/ cover 27.25, OD 56.40, OD/ cover 49.60, Total length 118.60, Height/ B+ 14.00, Width/ kl. 50 11.75, Coil bolt M8, Coil bolt 2 9.65, No./ terminals 3
Cap: HC-CARGO 131315.


135862 Solenoid

Replacing: 0331450010

Servicing: 0001413004, 0001413005, 0001418009, 0001418011, B001418009

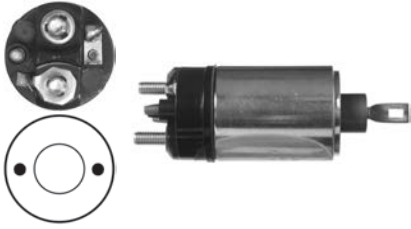
12 V
Insulated return.


135871 Solenoid

Replacing: 0331302513, 0331302013, 0331302005, 0331302004

Servicing: 0001207001, 0001207003, 0001207005, 0001207009, 0001207015, 0001207016, 0001207017, 0001207018, 0001207019, 0001207020

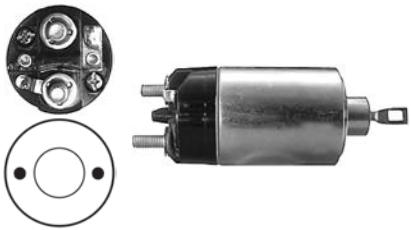
6 V, B+ M8, Kl. 50 6.30, OD 50.20, OD/ cover 49.75, Total length 145.55, Height/ B+ 16.80, Width/ kl. 50 12.20, Coil bolt M8, Coil bolt 2 13.00, No./ terminals 3
Cap: HC-CARGO 131335.


135878 Solenoid

Replacing: 0331302053

Servicing: 0001208050, 0001208250, 0001217001, 0001311032, 0001311033, 0001311034, 0001311037, 0001311038, 0001311048

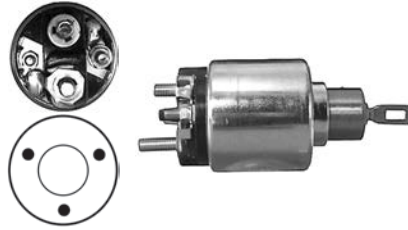
12 V, B+ M8, Kl. 15a M5, Kl. 50 6.30, OD 50.30, OD/ cover 49.45, Total length 145.15, Height/ B+ 17.00, Width/ kl. 15a 9.15, Width/ kl. 50 12.30, Coil bolt M8, Coil bolt 2 13.15, No./ terminals 3
Cap: HC-CARGO 131334.


136025 Solenoid

Replacing: 0331302543, 0331302052, 0331302043, 0331302034, 0331302030, 0331302027, 0331302025, 0331302011

Servicing: 0001208006, 0001208007, 0001208014, 0001208017, 0001208018, 0001208023, 0001208024, 0001208029, 0001208032, 0001211005

12 V, B+ M8, Kl. 50 6.30, OD 50.85, OD/ cover 49.70, Total length 146.70, Height/ B+ 17.15, Width/ kl. 50 12.15, Coil bolt M8, Coil bolt 2 12.75, No./ terminals 3
Cap: HC-CARGO 131335.


136036 Solenoid

Replacing: 2339303246, 0331303617, 0331303616, 0331303120, 0331303117, 0331303116, 0331303105

Servicing: 0001108018, 0001108042, 0001108063, 0001108064, 0001108065, 0001108108, 0001108115, 0001108145, 0001110041, 0001110042

12 V, B+ M8, Kl. 15a M5, Kl. 50 M6, ID/ cover 26.90, OD 56.25, OD/ cover 49.40, Total length 140.60, Height/ B+ 19.70, Width/ kl. 15a 13.10, Width/ kl. 50 14.00, Coil bolt M8, Coil bolt 2 11.80, No./ terminals 4
Cap: HC-CARGO 136108. w/ 30H terminal.


136369 Solenoid

Replacing: 2339303311, 2339303223, 2339303209, 0331303562, 0331303155, 0331303121, 0331303072, 0331303062

Servicing: 0001108022, 0001108051, 0001108074, 0001108143, 0001108180, 0001108182, 0001110003, 0001110026, 0001110089, 0001110095

12 V, B+ M8, Kl. 50 6.30, ID/ cover 27.00, OD 56.30, OD/ cover 49.20, Total length 136.60, Height/ B+ 20.00, Width/ kl. 50 13.15, Coil bolt M8, Coil bolt 2 11.70, No./ terminals 3
Cap: HC-CARGO 132779.

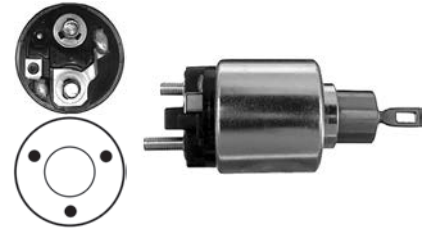
Alternative no.: 333546


136370 Solenoid

Replacing: 0331303106

Servicing: 0001108051, 0001108056, B001111150, B001111170

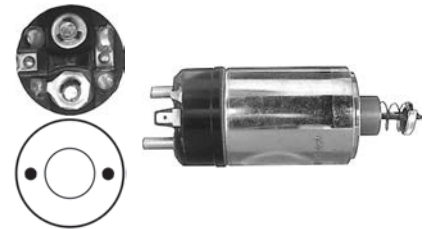
12 V, B+ M8, Kl. 50 M5, ID/ cover 26.90, OD 56.30, OD/ cover 49.40, Total length 136.55, Height/ B+ 20.00, Width/ kl. 50 12.90, Coil bolt M8, Coil bolt 2 11.90, No./ terminals 3
Cap: HC-CARGO 137706.


136371 Solenoid

Replacing: 2339303261, 0331303263, 0331303135, 0331303115, 0331303017

Servicing: 0001108098, 0001110039, 0001110053, 0001110113, 0001211231, B001111071, B001117050, B001117148, B001117149

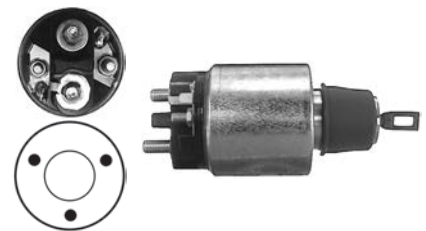
12 V, B+ M8, Kl. 50 4.70, ID/ cover 27.00, OD 56.25, OD/ cover 49.40, Total length 140.00, Height/ B+ 19.30, Width/ kl. 50 8.40, Coil bolt M8, Coil bolt 2 11.75, No./ terminals 3
Cap: HC-CARGO 139213.


136544 Solenoid

Replacing: 0331302106, 0331302088

Servicing: 0001208203, 0001208205, 0001208214, 0001208406, 0001311146, 9000142101, 9000142102, B001208085, B001208101

12 V, B+ M8, Kl. 15a 4.70, Kl. 50 6.30, OD 50.00, OD/ cover 49.85, Total length 143.65, Height/ B+ 16.90, Width/ kl. 15a 14.75, Width/ kl. 50 12.50, Coil bolt M8, Coil bolt 2 13.15, No./ terminals 4
Cap: HC-CARGO 130479.


136615 Solenoid

Replacing: 2339303245, 0331303146

Servicing: 0001110071, 0001110072, 0001218171, B001117153, B001117157, B001117161

12 V, B+ M8, Kl. 30h M5, Kl. 50 M6, ID/ cover 27.10, OD 56.25, OD/ cover 49.50, Total length 145.75, Height/ B+ 15.00, Width/ kl. 30h 10.70, Width/ kl. 50 13.55, Coil bolt M8, Coil bolt 2 10.15, No./ terminals 4
Cap: HC-CARGO 136108. w/ 30H terminal.

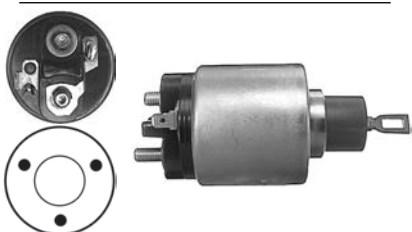

136717 Solenoid

Replacing: 9330331006, 2339303858

Servicing: 0001218168, 0001218768, 0001218820, 0001218821, 9000331432, 9000331433

12 V, B+ M8, Kl. 50 6.30, ID/ cover 26.90, OD 56.35, OD/ cover 49.25, Total length 142.80, Height/ B+ 20.75, Width/ kl. 50 11.50, Coil bolt M8, Coil bolt 2 8.70, No./ terminals 3
Cap: HC-CARGO 132779.

Alternative no.: 333241


136779 Solenoid

Replacing: 9330141039, 2339303252, 0331303095

Servicing: 0001112007, 0001112032, 9000333114, B001180019

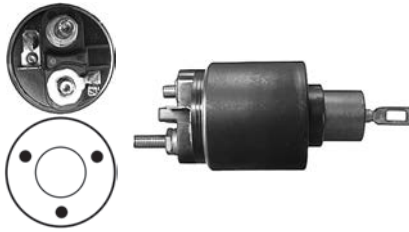
12 V, B+ M8, Kl. 50 6.30, ID/ cover 27.00, OD 56.35, OD/ cover 49.45, Total length 133.45, Height/ B+ 14.80, Width/ kl. 50 11.60, Coil bolt M8, Coil bolt 2 10.20, No./ terminals 3
Cap: HC-CARGO 132779.


136786 Solenoid

Replacing: 2339303236, 0331303630, 0331303236, 0331303130

Servicing: 0001107019, 0001108085, 0001108086, 0001108130, 0001108138, B001110044, B001111164, B001111257, B001111258, B001111399

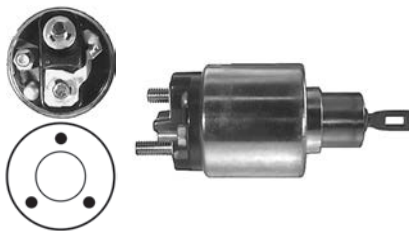
12 V, B+ M8, Kl. 50 M5, ID/ cover 27.20, OD 56.45, OD/ cover 49.90, Total length 128.85, Height/ B+ 29.45, Width/ kl. 50 8.15, Coil bolt M8, Coil bolt 2 18.65, No./ terminals 3
Cap: HC-CARGO 231054.


136852 Solenoid

Replacing: 2339303407, 2339303324, 2339303291, 2339303248, 2339303229, 0331303229, 0331303145

Servicing: 0001108113, 0001108114, 0001108174, 0001108175, 0001108220, 0001108221, 0001110122, 0001110123, 0001110126, 0001110127

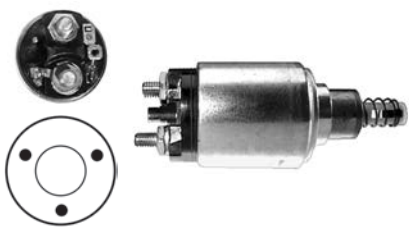
12 V, B+ M8, Kl. 50 6.30, ID/ cover 27.25, OD 56.45, OD/ cover 49.25, Total length 123.80, Height/ B+ 19.50, Width/ kl. 50 13.90, Coil bolt M8, Coil bolt 2 9.25, No./ terminals 3
Cap: HC-CARGO 137815.


137175 Solenoid

Replacing: 2339303396, 2339303272, 2339303271, 1331303613, 0331303633, 0331303618, 0331303272, 0331303133

Servicing: 0001110040, 0001110047, 0001110059, 0001115011, 0001115013, 0001121003, B001117250, B001117255, B001117272

12 V, B+ M8, Kl. 50 M6, ID/ cover 27.00, OD 56.25, OD/ cover 49.20, Total length 141.00, Height/ B+ 20.50, Width/ kl. 50 16.15, Coil bolt M8, Coil bolt 2 12.00, No./ terminals 3
Cap: HC-CARGO 138003.

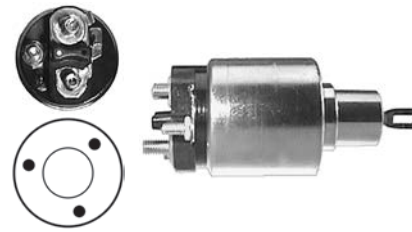

137232 Solenoid

Replacing: 2339402611, 2339402111, 0331402607, 0331402107

Servicing: 0001367077, 0001369014, B001828111

12 V, B+ M10, ID/ cover 29.95, OD 60.75, OD/ cover 53.15, Total length 171.00, Height/ B+ 24.00, Width/ kl. 50 2.20, Coil bolt M10, Coil bolt 2 17.60, No./ terminals 3
Cap: HC-CARGO 131317.

Alternative no.: 333144 333495

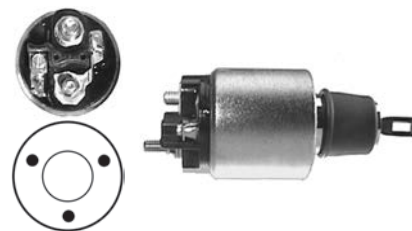

137266 Solenoid

Replacing: 2339303318, 2339303315, 2339303220, 0331303642, 0331303142

Servicing: 0001107010, 0001107038, 0001107092, 0001107093, 0001108197, 0001109015, 0001109052, 0001109055, 0001109062, 0001109068

12 V, B+ M8, Kl. 50 M6, ID/ cover 27.00, OD 56.15, OD/ cover 49.55, Total length 133.80, Height/ B+ 13.45, Width/ kl. 50 10.20, Coil bolt M8, Coil bolt 2 7.90, No./ terminals 3
Cap: HC-CARGO 138003.

Alternative no.: 333150

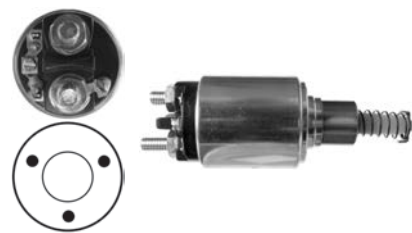

137276 Solenoid

Replacing: 9330331510, 9330331010

Servicing: 0001218172, 0001218772, 0001223002, 0001223016, 0001223021

12 V, B+ M8, ID/ cover 27.10, OD 56.35, OD/ cover 49.20, Total length 142.00, Height/ B+ 20.20, Width/ kl. 50 8.00, Coil bolt M8, Coil bolt 2 12.00, No./ terminals 3
Cap: HC-CARGO 139213.

Alternative no.: 333141


137368 Solenoid

Replacing: 0331402011

Servicing: 0001365004, 0001365005, 0001365006, 0001365007, 0001365008, B001819001, B001819009, B001819015, B001819117

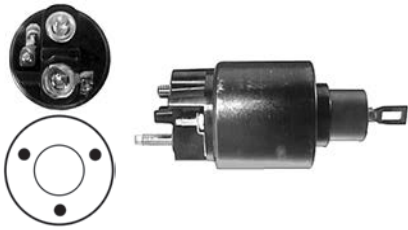
12 V, B+ M10, ID/ cover 30.00, OD 60.85, OD/ cover 53.25, Total length 182.30, Height/ B+ 24.30, Width/ kl. 50 2.85, Coil bolt M10, Coil bolt 2 16.65, No./ terminals 3
Cap: HC-CARGO 131318.


137443 Solenoid

Replacing: 0331401509, 0331401016, 0331401009

Servicing: 0001354012, 0001354027, 0001354038, 0001354055, 0001354083, 0001354084, 0001354094, 0001354096, 0001354108, 0001354113

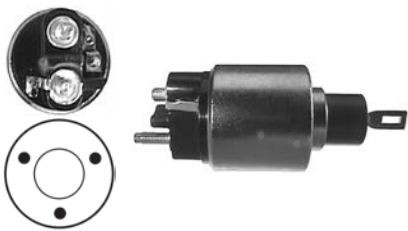
12 V, B+ M10, ID/ cover 29.85, OD 61.00, OD/ cover 53.15, Total length 175.15, Height/ B+ 23.75, Width/ kl. 50 2.85, Coil bolt M10, Coil bolt 2 17.60, No./ terminals 3
Cap: HC-CARGO 134383.


137490 Solenoid

Replacing: 2339303237, 0331303643, 0331303143

Servicing: 0001108074, 0001108112, 0001108125, 0001108128, 0001112019, 0001112029, B001111347, B001111390, B001111432, B001180044

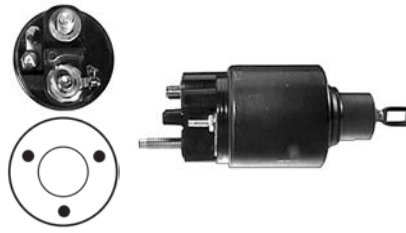
12 V, B+ M8, Kl. 50 M5, ID/ cover 27.20, OD 56.20, OD/ cover 49.75, Total length 148.75, Height/ B+ 21.30, Width/ kl. 50 11.25, Coil bolt M8, Coil bolt 2 7.65, No./ terminals 3
Cap: HC-CARGO 139525.


137491 Solenoid

Replacing: 9330331001, 2339303857

Servicing: 0001218157, 0001218757, 0001223001, 0001223014

12 V, B+ M8, Kl. 50 M5, ID/ cover 27.00, OD 56.30, OD/ cover 49.35, Total length 152.20, Height/ B+ 22.75, Width/ kl. 50 9.45, Coil bolt M8, Coil bolt 2 7.90, No./ terminals 3
Cap: HC-CARGO 231565.

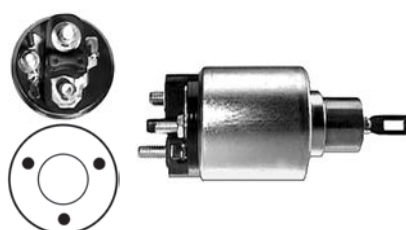

137612 Solenoid

Replacing: f00sh0131, f00sh0125, F000SH0131, F000SH0125, 2339304008

Servicing: 0001108162, 0001112041, 0001116003

12 V, B+ M8, Kl. 50 M5, ID/ cover 27.10, OD 56.40, OD/ cover 49.80, Total length 147.30, Height/ B+ 21.40, Width/ kl. 50 10.30, Coil bolt M8, Coil bolt 2 7.25, No./ terminals 3
Cap: HC-CARGO 234845.

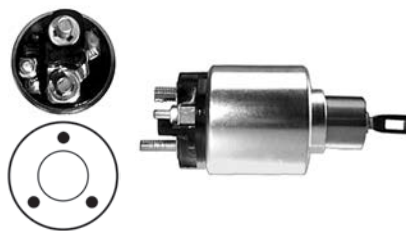
Alternative no.: 333590


137613 Solenoid

Replacing: 2339303706, 2339303206, 2339303201, 2339303001

Servicing: 0001107034, 0001107045, 0001107056, 0001107100, 0001107101, 0001107108, 0001108148, 0001108170, 0001115011, B001110097

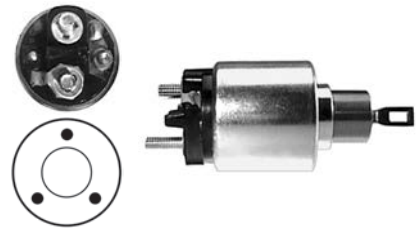
12 V, B+ M8, Kl. 50 M6, ID/ cover 27.15, OD 56.40, OD/ cover 49.25, Total length 124.25, Height/ B+ 16.40, Width/ kl. 50 10.25, No./ terminals 3
Cap: HC-CARGO 138003.


137693 Solenoid

Replacing: 9330081061, 9330081060, 0331303607, 0331303107

Servicing: 0001108052, 0001108056, 0001108154, 9000081007, 9000082072, 9000082074, B001111171

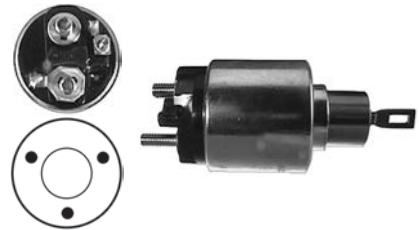
12 V, B+ M8, Kl. 50 M5, ID/ cover 27.00, OD 56.30, OD/ cover 49.40, Total length 140.30, Height/ B+ 20.25, Width/ kl. 50 8.45, Coil bolt M8, Coil bolt 2 12.25, No./ terminals 3
Cap: HC-CARGO 137706.


137696 Solenoid

Replacing: 2339303273, 0331303134

Servicing: 0001110060, 0001110073, B001117271, B001117274

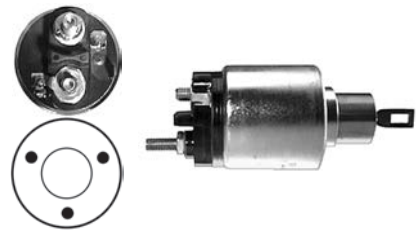
12 V, B+ M8, Kl. 50 M6, ID/ cover 27.00, OD 56.35, OD/ cover 49.00, Total length 140.45, Height/ B+ 20.10, Width/ kl. 50 8.90, Coil bolt M8, Coil bolt 2 12.15, No./ terminals 3
Cap: HC-CARGO 138004.


137826# Solenoid

Replacing: 0331303520, 0331303108, 0331303020

Servicing: 0001108013, 0001108032, 0001108045, 0001108046, 0001108066, 0001108068, 0001108069, 0001108070, 0001108998, 0001108999

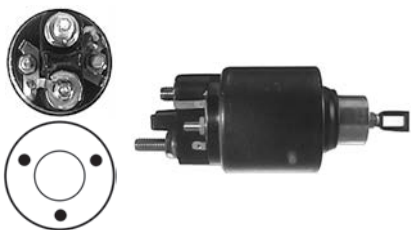
12 V, B+ M8, Kl. 50 M4, ID/ cover 26.80, OD 56.50, OD/ cover 49.50, Total length 140.70, Height/ B+ 20.40, Width/ kl. 50 14.00, Coil bolt M8, Coil bolt 2 12.20, No./ terminals 3
Cap: HC-CARGO 137876.


137877 Solenoid

Replacing: 2339303712, 2339303212

Servicing: 0001110102

12 V, B+ M8, Kl. 50 6.30, ID/ cover 26.90, OD 56.40, OD/ cover 49.80, Total length 132.50, Height/ B+ 60.00, Width/ kl. 50 15.00, Coil bolt M8, Coil bolt 2 8.30, No./ terminals 3
Cap: HC-CARGO 232416.


137879 Solenoid

Replacing: 2339304046, 2339304040, 2339304013, 2339304010, 2339304009, 2339304005

Servicing: 0001107442, 0001107443, 0001108157, 0001108169, 0001108196, 0001108230, 0001108401, 0001109025, 0001109200, 0001109201

12 V, B+ M8, Kl. 30h M5, Kl. 50 M6, ID/ cover 24.15, OD 52.15, OD/ cover 45.65, Total length 136.30, Height/ B+ 14.00, Width/ kl. 30h 7.70, Width/ kl. 50 9.90, Coil bolt M8, Coil bolt 2 7.40, No./ terminals 4
Cap: HC-CARGO 231558.

Alternative no.: 333565


137951 Solenoid

Replacing: 0331303659, 0331303159

Servicing: 0001108123, B001111412

12 V, B+ M8, Kl. 50 M6, ID/ cover 27.00, OD 56.15, OD/ cover 49.65, Total length 137.65, Height/ B+ 14.45, Width/ kl. 50 10.00, Coil bolt M8, Coil bolt 2 8.75, No./ terminals 3
Cap: HC-CARGO 138003.


137982 Solenoid

Replacing: 2339303438, 2339303411, 2339303254

Servicing: 0001107054, 0001107055, 0001107068, 0001107069, 0001107073, 0001107074

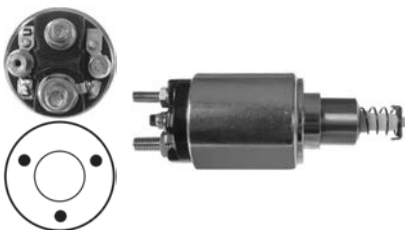
12 V, B+ M8, Kl. 15a 6.30, Kl. 50 6.30, ID/ cover 27.25, OD 56.40, OD/ cover 49.70, Total length 143.60, Height/ B+ 24.80, Width/ kl. 15a 14.00, Width/ kl. 50 13.75, Coil bolt M8, Coil bolt 2 10.30, No./ terminals 4
Cap: HC-CARGO 139598.


138005 Solenoid

Replacing: 2339303208, 0331303169, 0331303137

Servicing: 0001107033, 0001108070, 0001108103, 0001108104, 0001108105, 0001108129, 0001108134, 0001108135, 0001108995, 0001108996

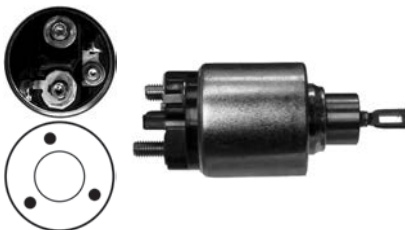
12 V, B+ M8, Kl. 50 M5, ID/ cover 27.00, OD 56.30, OD/ cover 49.75, Total length 140.55, Height/ B+ 19.80, Width/ kl. 50 17.60, Coil bolt M8, Coil bolt 2 12.25, No./ terminals 3
Cap: HC-CARGO 138006.


138313 Solenoid

Replacing: 0331402606, 0331402106, 0311402606

Servicing: 0001369015, 0001369021, 0001369200, B001828107, B001828113

12 V, B+ M8, ID/ cover 30.00, OD 60.85, OD/ cover 54.00, Total length 171.00, Height/ B+ 23.85, Width/ kl. 15a 2.65, Width/ kl. 50 3.15, Coil bolt M10, Coil bolt 2 24.00, No./ terminals 4
Cap: HC-CARGO 232024.


138763 Solenoid

Replacing: 2339304050, 2339304047, 2339304015

Servicing: 0001107043, 0001107062, 0001107087, 0001107407, 0001107410, 0001107417, 0001107418, 0001107499, 0001107500, 0001107501

12 V, B+ M8, Kl. 50 M6, ID/ cover 24.00, OD 52.45, OD/ cover 45.30, Total length 111.70, Height/ B+ 13.10, Width/ kl. 50 14.45, Coil bolt M8, Coil bolt 2 9.35, No./ terminals 3
Cap: HC-CARGO 137349.

Alternative no.: 333163


138877 Solenoid

Replacing: 2339304053, 2339304001, 0331304053

Servicing: 0001106011, 0001106020, 0001107016, 0001107040, 0001107041, 0001107046, 0001107059, 0001107082, 0001107107, 0001108121

12 V, B+ M8, Kl. 50 M6, ID/ cover 24.25, OD 52.00, OD/ cover 45.85, Total length 130.55, Height/ B+ 14.60, Width/ kl. 50 14.80, Coil bolt M8, Coil bolt 2 9.55, No./ terminals 3
Cap: HC-CARGO 137349.

Alternative no.: 333149


138971 Solenoid

Replacing: 0331303640, 0331303540, 0331303140

Servicing: 0001107014, 0001107027, 0001107028, 0001107029, 0001108035, 0001108040, 0001108071, 0001108082, 0001108083, 0001108084

12 V, B+ M8, Kl. 50 M6, ID/ cover 27.00, OD 56.25, OD/ cover 49.30, Total length 140.00, Height/ B+ 19.70, Width/ kl. 50 15.80, Coil bolt M8, Coil bolt 2 11.75, No./ terminals 3
Cap: HC-CARGO 138004.

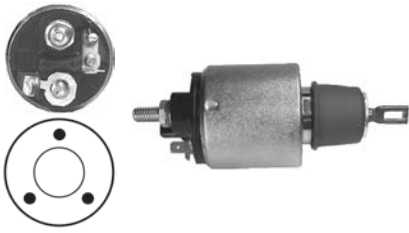
Alternative no.: 333148


139014 Solenoid

Replacing: 9330331009, 2339303279, 0331303668, 0331303168

Servicing: 0001108144, 0001109008, 0001109040, 0001109043, 0001109044, 0001110120, 0001218171, 0001218771, 0001314047, 0001314048

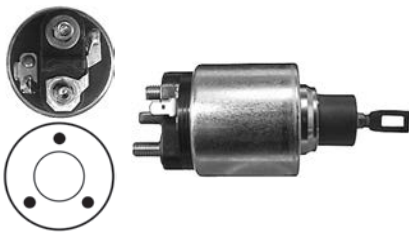
12 V, B+ M8, Kl. 50 6.30, ID/ cover 27.00, OD 56.30, OD/ cover 50.00, Total length 140.45, Height/ B+ 13.70, Width/ kl. 50 10.60, Coil bolt M8, Coil bolt 2 8.15, No./ terminals 3
Cap: HC-CARGO 131315.


139018 Solenoid

Replacing: 9330331012

Servicing: 0001218173

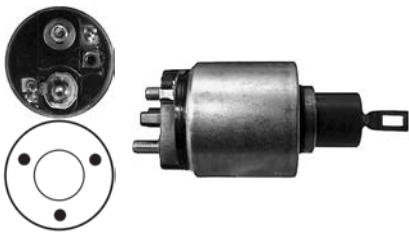
12 V, B+ M8, Kl. 50 6.30,
ID/ cover 27.20, OD 56.30,
OD/ cover 50.00, Total length 146.00,
Height/ B+ 19.85, Width/ kl. 50 14.50,
Coil bolt M8, Coil bolt 2 8.95,
No./ terminals 3
Cap: HC-CARGO 131315.


139019 Solenoid

Replacing: 2339304003

Servicing: 0001107047, 0001112036

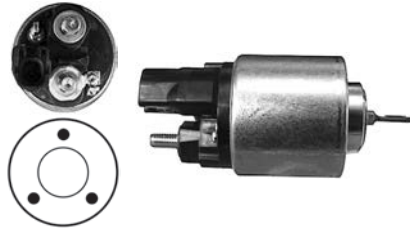
12 V, B+ M8, Kl. 50 6.30,
ID/ cover 24.00, OD 52.30,
OD/ cover 45.80, Total length 130.00,
Height/ B+ 14.25, Width/ kl. 50 11.40,
Coil bolt M8, Coil bolt 2 8.95,
No./ terminals 3
Cap: HC-CARGO 231815.


139068 Solenoid

Replacing: 0331303103

 Servicing: 0001218025, 0001218029,
0001218107, 0001218109, 0001218160,
B001233017, B001233112, B001233168,
B001233174

12 V, B+ M8, Kl. 50 4.70,
ID/ cover 27.00, OD 56.25,
OD/ cover 49.85, Total length 137.85,
Height/ B+ 14.15, Width/ kl. 50 7.40,
Coil bolt M8, Coil bolt 2 8.40,
No./ terminals 3
Cap: HC-CARGO 132780.

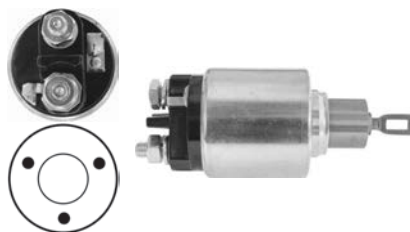

139069 Solenoid

 Replacing: 2339303306, 2339303294,
2339303202

 Servicing: 0001107030, 0001107075,
0001107079, 0001109034, 0001110132,
B001110240, f000a10321

12 V, B+ M8, ID/ cover 26.30, OD 56.25,
OD/ cover 49.65, Total length 124.15,
Height/ B+ 13.80, Coil bolt M8,
Coil bolt 2 8.35, No./ terminals 3
Cap: HC-CARGO 139597.

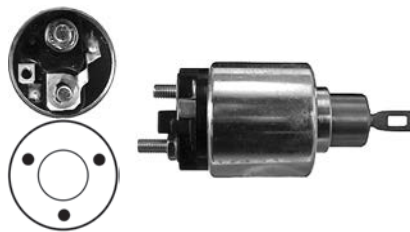
Alternative no.: 333601


139075 Solenoid

 Replacing: 2339304069, 2339304068,
2339304023, 2339304007, 2339304006

 Servicing: 0001106014, 0001107062,
0001107067, 0001107072, 0001107076,
0001107078, 0001107083, 0001107096,
0001107403, 0001108166

12 V, B+ M8, Kl. 50 6.30, ID/ cover 24.10,
OD 52.25, OD/ cover 45.30,
Total length 127.00, Height/ B+ 14.00,
Width/ kl. 50 12.00, Coil bolt M8,
Coil bolt 2 9.35, No./ terminals 3
Cap: HC-CARGO 231802.


139212 Solenoid

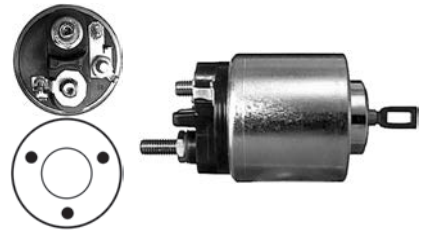
 Replacing: 9330091064, 9330081064,
0331303522, 0331303022

 Servicing: 0001208209, 0001208226,
9000081006, 9000082064, 9000082076,
9000082078, 9000142001, 9000142002,
9000142014, B001208122

12 V, B+ M8, Kl. 50 M5,
ID/ cover 27.00, OD 56.25,
OD/ cover 49.55, Total length 141.30,
Height/ B+ 20.75, Width/ kl. 50 8.45,
Coil bolt M8, Coil bolt 2 11.95,
No./ terminals 3
Cap: HC-CARGO 138926.


139466 Solenoid

Replacing: 0331101012

 Servicing: 0001413004, 0001413005,
0001418009, 0001418011, B001418009
12 V, OD 69.30, Total length 92.00
Insulated return.

139498 Solenoid

 Replacing: f010sh0105, F000SH0123,
2339303227

 Servicing: 0001108202, 0001108234,
0001108235, 0001108239, 0001108240,
0001109018, 0001109030, 0001109045,
0001109048, 0001109253

12 V, B+ M8, Kl. 50 M6,
ID/ cover 27.10, OD 56.20,
OD/ cover 49.85, Total length 145.00,
Height/ B+ 20.90, Width/ kl. 50 14.15,
Coil bolt M8, Coil bolt 2 9.10,
No./ terminals 3
Cap: HC-CARGO 138004.

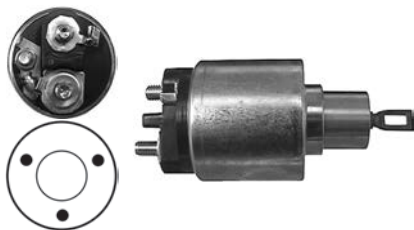
Alternative no.: 333592


139500 Solenoid

 Replacing: 9330331004, 2339303853,
2339303320

 Servicing: 0001107088, 0001218166,
0001218766, F005M00021

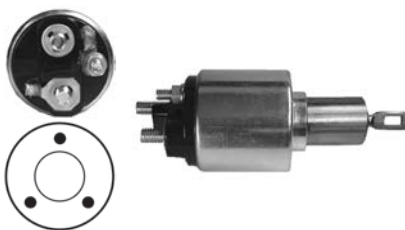
12 V, B+ M8, Kl. 50 4.70,
ID/ cover 27.00, OD 56.40,
OD/ cover 49.85, Total length 100.90,
Height/ B+ 14.55, Coil bolt M8,
Coil bolt 2 9.25, No./ terminals 3
Cap: HC-CARGO 139597.


139549 Solenoid

Replacing: 0331303317, 0331303164

Servicing: 0001107011, 0001107039, 0001112018, B001110092, B001180055

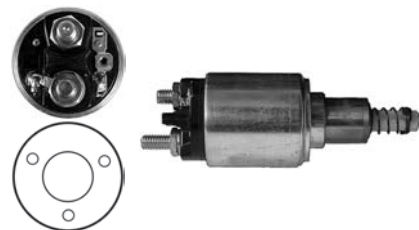
12 V, B+ M8, Kl. 50 M6,
ID/ cover 27.10, OD 56.30,
OD/ cover 49.95, Total length 133.90,
Height/ B+ 12.30, Width/ kl. 50 13.30,
Coil bolt M8, Coil bolt 2 9.00,
No./ terminals 3
Cap: HC-CARGO 138004.


230323 Solenoid

Replacing: 2339303210

Servicing: 0001107031, 0001107032, 0001108160

12 V, B+ M8, Kl. 50 M6,
ID/ cover 27.00, OD 56.40,
OD/ cover 50.30, Total length 144.45,
Height/ B+ 22.50, Width/ kl. 50 16.45,
Coil bolt M8, Coil bolt 2 12.70,
No./ terminals 3
Cap: HC-CARGO 138004.

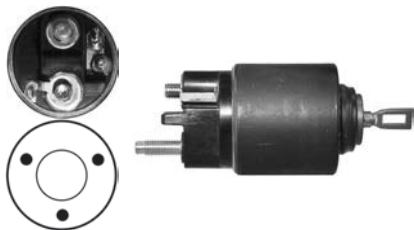

230452 Solenoid

Replacing: 2339402132

Servicing: 0001223506, 0001230006, 0001230012, 0001230014

12 V, B+ M10, Kl. 50 4.70,
ID/ cover 30.00, OD 61.40,
OD/ cover 53.25, Total length 151.00,
Height/ B+ 25.20, Width/ kl. 50 3.90,
Coil bolt M10, Coil bolt 2 14.35,
No./ terminals 3
Cap: HC-CARGO 231825.

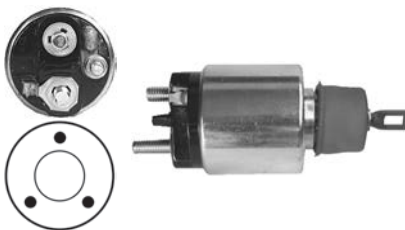
Alternative no.: 333596


230115 Solenoid

Replacing: 2339304011

Servicing: 0001107063, 0001107176, 0001108176, 0001108183, 0001109026

12 V, B+ M8, Kl. 50 M5,
ID/ cover 24.00, OD 52.20,
OD/ cover 45.60, Total length 141.85,
Height/ B+ 21.35, Width/ kl. 50 13.55,
Coil bolt M8, Coil bolt 2 7.30,
No./ terminals 3
Cap: HC-CARGO 231828.


230324 Solenoid

Replacing: 2339303221

Servicing: 0001107049, 0001108188, 9007045009, 9007045020

12 V, B+ M8, Kl. 50 M6,
ID/ cover 27.10, OD 56.30,
OD/ cover 49.00, Total length 142.30,
Height/ B+ 20.00, Width/ kl. 50 12.15,
Coil bolt M8, Coil bolt 2 11.75,
No./ terminals 3
Cap: HC-CARGO 138004.


230635 Solenoid

Replacing: 2339303267

Servicing: 0001107102, 0001108197, 0001108205, 0001115005, B001115020, F000AL0319

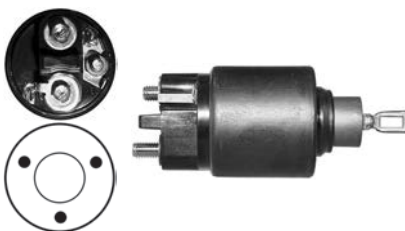
12 V, B+ M8, Kl. 50 M6,
ID/ cover 27.20, OD 56.20,
OD/ cover 50.20, Total length 139.40,
Height/ B+ 12.65, Width/ kl. 50 12.95,
Coil bolt M8, Coil bolt 2 7.80,
No./ terminals 3
Cap: HC-CARGO 233925.


230258 Solenoid

Replacing: 2339304022, 0331303670, 0331303170

Servicing: 0001107408, 0001109061, 0001113006, 0001116005

12 V, B+ M8, Kl. 50 M6,
ID/ cover 24.15, OD 52.15,
OD/ cover 46.00, Total length 138.35,
Height/ B+ 20.95, Width/ kl. 50 12.80,
Coil bolt M8, Coil bolt 2 8.40,
No./ terminals 3
Cap: HC-CARGO 231882.


230356 Solenoid

Replacing: 2339304069, 2339304039, 2339304021, 2339304019, 2339304018, 2339304002

Servicing: 0001107037, 0001107048, 0001107062, 0001107067, 0001107072, 0001107076, 0001107078, 0001107083, 0001107096, 0001107403

12 V, B+ M8, Kl. 50 M6,
ID/ cover 24.00, OD 52.20,
OD/ cover 45.65, Total length 130.70,
Height/ B+ 12.90, Width/ kl. 50 13.25,
Coil bolt M8, Coil bolt 2 7.65,
No./ terminals 3
Cap: HC-CARGO 233075.

Alternative no.: 333157


230847 Solenoid

Replacing: 2339303282

Servicing: 0001109033

12 V, B+ M8, Kl. 50 M6,
ID/ cover 27.10, OD 56.25,
OD/ cover 49.75, Total length 147.20,
Height/ B+ 20.35, Width/ kl. 50 10.20,
Coil bolt M8, Coil bolt 2 9.25,
No./ terminals 3
Cap: HC-CARGO 138004.


230848 Solenoid

Replacing: 2339304025, 2339304020

Servicing: 0001116001

 12 V, B+ M8, Kl. 50 6.30,
 ID/ cover 24.00, OD 52.25,
 OD/ cover 45.65, Total length 126.15,
 Height/ B+ 14.65, Width/ kl. 50 11.45,
 Coil bolt M8, Coil bolt 2 9.00,
 No./ terminals 3

Cap: HC-CARGO 234437.

Alternative no.: 333561

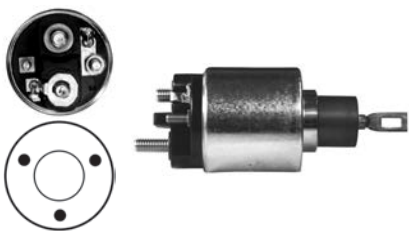

231203 Solenoid

Replacing: 2339304055

Servicing: 0001106017

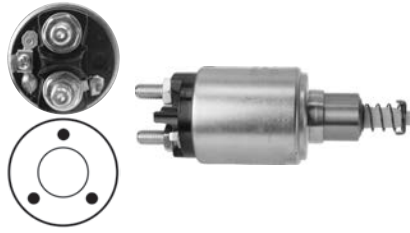
 12 V, B+ M8, Kl. 50 6.30,
 ID/ cover 22.25, OD 52.30,
 OD/ cover 50.30, Total length 135.85,
 Switch dim. 2.65, Height/ B+ 24.40,
 Width/ kl. 50 11.20, Coil bolt M8,
 Coil bolt 2 7.75, No./ terminals 3

Cap: HC-CARGO 233786. Moving contact: HC-CARGO 234439.


231217 Solenoid

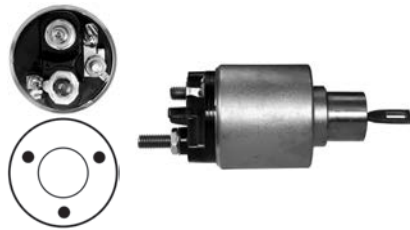
 Replacing: 2339303204, 0331303627,
 0331303127

 Servicing: 0001108080, 0001108146,
 B001111263, B001111423

 12 V, B+ M8, Kl. 15a M5, Kl. 50 M6,
 ID/ cover 27.10, OD 56.25,
 OD/ cover 49.50, Total length 142.00,
 Height/ B+ 17.95, Width/ kl. 15a 11.20,
 Width/ kl. 50 9.75, Coil bolt M8,
 Coil bolt 2 7.85, No./ terminals 4

231223 Solenoid

Replacing: 6033ad4031, 2339402143

 Servicing: 0001230007, 0001230020,
 0001230021, 0001230022, F002G20785

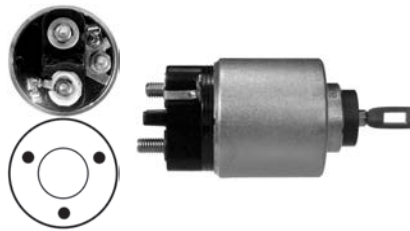
 12 V, B+ M10, Kl. 50 6.30,
 ID/ cover 30.10, OD 61.35,
 OD/ cover 64.10, Total length 172.35,
 Height/ B+ 24.85, Width/ kl. 50 14.00,
 Coil bolt M10, Coil bolt 2 23.80,
 No./ terminals 3

231653 Solenoid

Replacing: 6033ad0312, 2339303448

Servicing: 0001223013

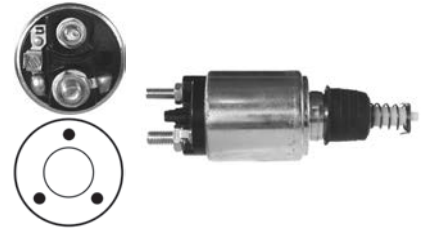
 12 V, B+ M8, Kl. 50 M6,
 ID/ cover 26.35, OD 56.30,
 OD/ cover 49.40, Total length 144.90,
 Switch dim. 7.40, Height/ B+ 20.65,
 Width/ kl. 50 13.15, Coil bolt M8,
 Coil bolt 2 10.25, No./ terminals 3

Alternative no.: 333547


231790 Solenoid

 Replacing: 2339303333, 0331303651,
 0331303151

 Servicing: 0001115012, 0001115024,
 0001218140, 0001218150, 0001218156,
 0001218162, 0001218740, 0001223005,
 B001233245, B001233264

 12 V, B+ M8, Kl. 50 M6,
 ID/ cover 26.60, OD 56.30,
 OD/ cover 50.40, Total length 143.20,
 Switch dim. 7.10, Height/ B+ 12.20,
 Width/ kl. 50 10.00, Coil bolt M8,
 Coil bolt 2 9.00, No./ terminals 3
 Cap: HC-CARGO 233488.

231801 Solenoid

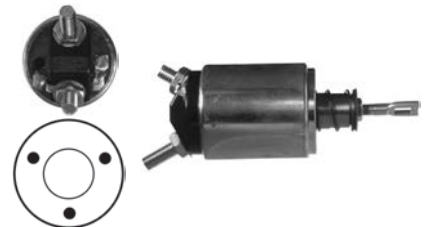
Replacing: 2339402115

 Servicing: 0001369023, 0001369101,
 0001369201

 12 V, B+ M8, Kl. 50 6.30,
 ID/ cover 29.95, OD 60.80,
 OD/ cover 54.00, Total length 181.75,
 Height/ B+ 23.95, Width/ kl. 50 13.60,
 Coil bolt M10, Coil bolt 2 24.80,
 No./ terminals 3

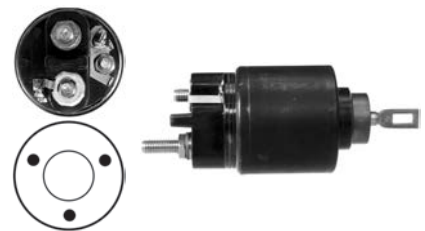
Cap: HC-CARGO 131319.

Alternative no.: 333493


231975 Solenoid

Replacing: 0331400068, 0331400008

 Servicing: 0001354016, 0001354018,
 0001354031, 0001354080, 0001354085,
 EJD1,8/12R70

 12 V, B+ M10, Kl. 50 M5, OD 60.90,
 OD/ cover 53.25, Total length 174.70,
 Height/ B+ 27.40, Width/ kl. 50 2.40,
 Coil bolt M10, Coil bolt 2 17.00,
 No./ terminals 3

232182 Solenoid

Replacing: 2339303285, 0331303410

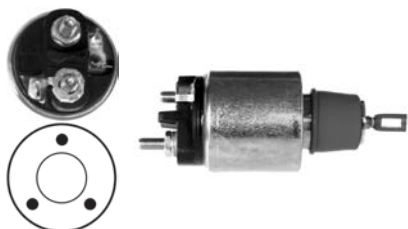
Servicing: 0001107070, 0001107071

 12 V, B+ M8, Kl. 50 M5,
 ID/ cover 27.15, OD 56.50,
 OD/ cover 49.90, Total length 156.15,
 Height/ B+ 19.00, Width/ kl. 50 13.75,
 Coil bolt M8, Coil bolt 2 7.65,
 No./ terminals 3


232185 Solenoid

Replacing: 2339303386, 2339303354, 2339303319

Servicing: 0001124018, 0001124019, 0001125505, 0001125506

 12 V, B+ M8, Kl. 50 M6,
 ID/ cover 18.30, OD 56.50,
 OD/ cover 54.50, Total length 152.00,
 Switch dim. 6.60, Height/ B+ 15.50,
 Width/ kl. 50 10.00, Coil bolt M8,
 Coil bolt 2 7.70, No./ terminals 3

232186 Solenoid

Replacing: 2339303309

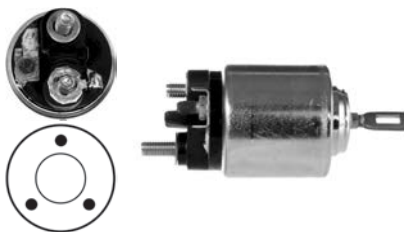
Servicing: 0001109041

 12 V, B+ M8, Kl. 50 6.30,
 ID/ cover 18.20, OD 56.20,
 OD/ cover 54.60, Total length 146.40,
 Switch dim. 6.60, Height/ B+ 18.10,
 Width/ kl. 50 6.30, Coil bolt M8,
 Coil bolt 2 9.00, No./ terminals 3
 Cap: HC-CARGO 131315.

232188 Solenoid

Replacing: 2339304054, 2339304033

Servicing: 0001106012, 0001106017, 0001106022, 0001106023, 0001106024, B001109104

 12 V, B+ M8, Kl. 50 M5,
 ID/ cover 24.25, OD 52.50,
 OD/ cover 45.30, Total length 140.00,
 Height/ B+ 10.00, Width/ kl. 50 10.00,
 Coil bolt M8, Coil bolt 2 7.90,
 No./ terminals 3
 Cap: HC-CARGO 234438. Moving contact: HC-CARGO 132276

232191 Solenoid

Replacing: 2339304024

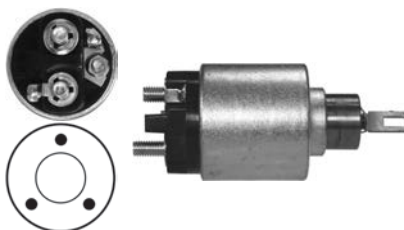
Servicing: 0001107077, 0001107098

 12 V, B+ M8, Kl. 50 M6,
 ID/ cover 18.20, OD 52.30,
 OD/ cover 50.30, Switch dim. 7.00,
 Height/ B+ 9.00, Width/ kl. 50 12.60,
 No./ terminals 3
 Cap: HC-CARGO 231882.

232419# Solenoid

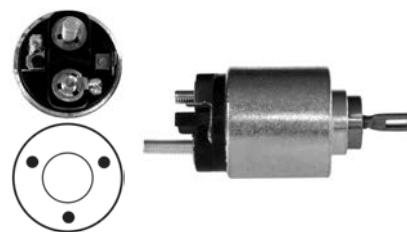
Replacing: 0331303612, 0331303112

Servicing: 0001108048, 0001108136, B001111061

 12 V, B+ M8, Kl. 50 6.30,
 ID/ cover 27.20, OD 56.35,
 OD/ cover 49.50, Total length 137.45,
 Height/ B+ 14.90, Width/ kl. 50 14.90,
 Coil bolt M8, Coil bolt 2 10.00,
 No./ terminals 3
 Cap: HC-CARGO 131315.

232420 Solenoid

Replacing: 0331303644, 0331303144

Servicing: 0001218132, 0001218133, 0001218147, 0001218159, 0001218759, B001233238, B001233256

 12 V, B+ M8, Kl. 50 M6,
 ID/ cover 27.15, OD 56.35,
 OD/ cover 49.35, Total length 135.75,
 Height/ B+ 60.00, Width/ kl. 50 9.25,
 Coil bolt M8, Coil bolt 2 9.25,
 No./ terminals 3
 Cap: HC-CARGO 232421.

233480 Solenoid

Replacing: 2339303230, 0331303662, 0331303162

Servicing: 0001107017, 0001107018, B001110043, B001110081

 12 V, B+ M8, OD 56.35,
 OD/ cover 49.75, Total length 146.45,
 Height/ B+ 24.90, No./ terminals 4
 Cap: HC-CARGO 139598.

233577 Solenoid

Replacing: 2339304057, 2339304032

Servicing: 0001107401, 0001107402, 0001107404, 0001107405, 0001107409, 0001107429, 0001107435, 0001107436, 0001107437, 0001108217

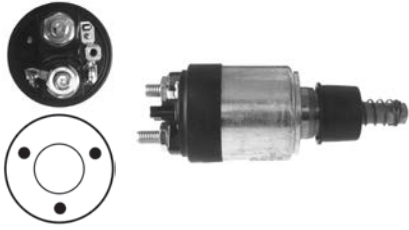
 12 V, B+ M8, Kl. 50 M6,
 ID/ cover 21.00, OD 50.00,
 OD/ cover 50.00, Total length 110.00,
 Height/ B+ 14.00, Width/ kl. 50 10.70,
 Coil bolt M8, Coil bolt 2 9.00,
 No./ terminals 3

233578 Solenoid

Replacing: 6033ad0074

Servicing: 0001223003, 0001223007, 0001223024

 12 V, B+ M8, Kl. 50 M6, OD 56.25,
 OD/ cover 49.80, Total length 150.80,
 Height/ B+ 16.80, Width/ kl. 50 10.35,
 No./ terminals 3


233579 Solenoid

Replacing: 0331402203

Servicing: 0001362091, 0001369024, B001812372

12 V, B+ M10, Kl. 50 4.70, ID/ cover 29.95, OD 61.30, OD/ cover 63.60, Total length 174.00, Height/ B+ 20.00, Width/ kl. 50 3.65, Coil bolt M10, Coil bolt 2 15.10, No./ terminals 3


233716 Solenoid

Replacing: 2339303432, 2339303405, 2339303316, 2339303289

Servicing: 0001107073, 0001107074, 0001109021, 0001109022, 0001109066, 0001109067, 0001124020, 0001124021, B001116092

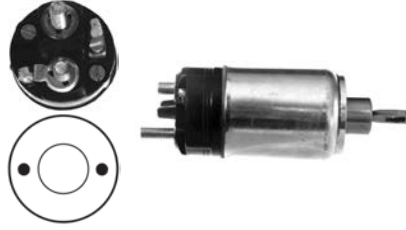
 12 V, B+ M8, Kl. 50 6.30, ID/ cover 27.00, OD 56.40, OD/ cover 49.55, Total length 143.75, Height/ B+ 18.55, Width/ kl. 50 13.75, Coil bolt M8, Coil bolt 2 9.00, No./ terminals 3
 Cap: HC-CARGO 137815.

233796 Solenoid

Replacing: 9337043526

Servicing: 6004AA0018, 9007045018

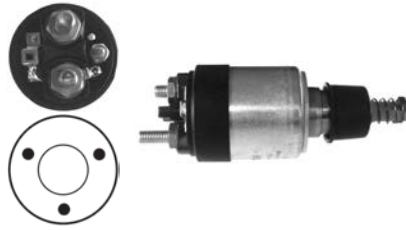
12 V, B+ M8, Kl. 50 6.30, OD 56.40, Total length 140.00, Height/ B+ 15.60, Width/ kl. 50 15.00, Coil bolt M8, Coil bolt 2 10.70, No./ terminals 3


233896 Solenoid

Replacing: 9330041001, 0331302560, 0331302060

Servicing: 0001311050, 0001311051, 0001311052, 0001311053, 0001311054, 0001311055, 0001311056, 0001314003, 0001314008, 0001314009

12 V, B+ M8, OD 51.40, OD/ cover 49.45, Total length 149.00, Height/ B+ 19.60, Width/ kl. 50 4.85, Coil bolt M8, Coil bolt 2 10.30, No./ terminals 3


233933 Solenoid

Replacing: 2339402126, 2339402118

Servicing: 0001367061, B001816377

12 V, B+ M10, Kl. 15a 4.70, Kl. 50 M4, ID/ cover 29.95, OD 61.30, OD/ cover 63.65, Total length 179.45, Height/ B+ 24.75, Width/ kl. 15a 2.45, Width/ kl. 50 14.30, Coil bolt M10, Coil bolt 2 14.10, No./ terminals 4


234287 Solenoid

Replacing: 2339402140

Servicing: 0001223504, 0001230023, 0001230026, 0001362105

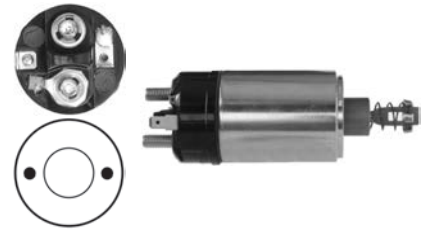
12 V, B+ M10, Kl. 50 6.30, ID/ cover 30.15, OD 61.30, OD/ cover 64.20, Total length 179.00, Height/ B+ 25.35, Width/ kl. 50 13.70, Coil bolt M10, Coil bolt 2 24.30, No./ terminals 3

Alternative no.: 333494


234434 Solenoid

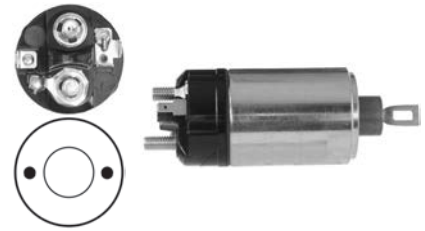
Replacing: 2339303322

Servicing: 0001108186

 12 V, B+ M8, Kl. 50 M5, ID/ cover 27.20, OD 56.40, OD/ cover 49.70, Total length 147.55, Height/ B+ 23.20, Width/ kl. 50 14.40, Coil bolt M8, Coil bolt 2 7.80, No./ terminals 4
 Cap: HC-CARGO 139525.

234857 Solenoid

Replacing: 0331302097

Servicing: 0001212208, 0001212209, 0001312100, B001322002

 12 V, B+ M8, Kl. 15a 6.30, Kl. 50 6.30, OD 50.15, OD/ cover 49.85, Total length 148.50, Height/ B+ 16.40, Width/ kl. 15a 11.70, Width/ kl. 50 15.45, Coil bolt M8, Coil bolt 2 14.30, No./ terminals 4
 Cap: HC-CARGO 130479.

234858 Solenoid

Replacing: 0331302085, 0331302084, 0331302081

Servicing: 0001208100, 0001208202, 0001211200, 0001211241, 0001211251, 0001311103, 0001311105, 0001311106, 0001311108, 0001311114

12 V, B+ M8, Kl. 15a 4.70, Kl. 50 6.30, OD 50.25, OD/ cover 50.00, Total length 142.65, Height/ B+ 16.45, Width/ kl. 15a 15.90, Width/ kl. 50 12.70, Coil bolt M8, Coil bolt 2 13.55, No./ terminals 4

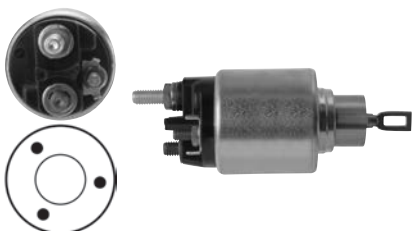

234859 Solenoid

Replacing: 2339402113

Servicing: 0001369020

12 V, B+ M8, Kl. 50 6.30,
ID/ cover 29.90, OD 60.80,
OD/ cover 53.90, Total length 172.70,
Height/ B+ 24.35, Width/ kl. 50 15.20,
Coil bolt M10, Coil bolt 2 25.00,
No./ terminals 3

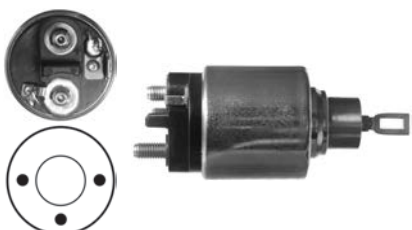
Cap: HC-CARGO 131319.


234903 Solenoid

 Replacing: 2339305100, 2339305048,
2339305017, 2339305004

 Servicing: 0001107411, 0001107425,
0001107426, 0001107478, 0001107479,
0001107490, 0001107491, 0001108202,
0001108204, 0001108224

12 V, B+ M8, Kl. 50 M6,
ID/ cover 41.00, OD 52.40,
OD/ cover 50.30, Total length 137.00,
Switch dim. 11.30, Height/ B+ 21.00,
Width/ kl. 50 10.00, Coil bolt M8,
Coil bolt 2 9.00, No./ terminals 3


234967 Solenoid

Replacing: 2339304026

 Servicing: 0001106016, 0001107080,
0001116004

12 V, B+ M8, Kl. 50 9.40, OD 52.50,
OD/ cover 50.50, Total length 125.45,
Height/ B+ 14.00, Width/ kl. 50 16.75,
Coil bolt M8, Coil bolt 2 14.55,
No./ terminals 3

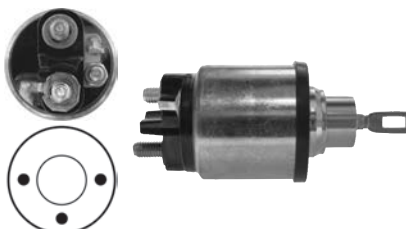
Terminal 50: 9.30 mm.


235060 Solenoid

 Replacing: 2339305324, 2339305077,
2339305055

 Servicing: 0001121032, 0001121033,
0001123012, 0001123013, 0001123014,
0001123015, 0001123016, 0001123017,
0001123018, 0001123019

12 V, B+ M8, Kl. 50 4.70,
ID/ cover 26.00, OD 52.25,
OD/ cover 45.50, Total length 153.20,
Height/ B+ 18.20, Coil bolt M8,
Coil bolt 2 8.55, No./ terminals 3


235107 Solenoid

Replacing: 2339304035

Servicing: 0001106015

12 V, B+ M8, Kl. 50 M6,
ID/ cover 24.00, OD 52.30,
OD/ cover 46.30, Total length 128.35,
Height/ B+ 14.20, Width/ kl. 50 14.20,
Coil bolt M8, Coil bolt 2 8.55,
No./ terminals 3


235138 Solenoid

 Replacing: 2339305322, 2339305074,
2339305052, 2339305024, 2339305005

 Servicing: 0001107423, 0001107424,
0001107527, 0001107528, 0001120400,
0001120401, 0001120402, 0001120403

12 V, B+ M8, Kl. 50 4.70,
ID/ cover 25.85, OD 52.30,
OD/ cover 45.85, Total length 139.50,
Height/ B+ 22.15, Coil bolt M8,
Coil bolt 2 8.60, No./ terminals 3


235292 Solenoid

Replacing: 2339303335

Servicing: 0001115015, 0001115020

12 V, B+ M8, Kl. 50 M6,
ID/ cover 43.00, OD 54.00,
OD/ cover 52.00, Total length 110.30,
Switch dim. 6.50, Height/ B+ 13.00,
Width/ kl. 50 10.00, No./ terminals 3


235437[#] Solenoid

Replacing: 2339402147

Servicing: 0001223505

12 V, B+ M10, Kl. 50 M5, OD 61.00,
Coil bolt M10, No./ terminals 3


235535 Solenoid

 Replacing: 2339305076, 2339305054,
2339305034, 2339305014

 Servicing: 0001107427, 0001107428,
0001120406, 0001120407, 0001120408,
0001120409, 0001120410, 0001120411,
0001121402, 0001121403

12 V, B+ M8, Kl. 50 4.70, OD 52.35,
Total length 149.90, Height/ B+ 17.20,
Coil bolt M8, Coil bolt 2 8.20,
No./ terminals 3


235806 Solenoid

Replacing: 2339402112

Servicing: 0001362331, 0001369019

12 V, B+ M10, Kl. 15a M5, OD 61.50,
OD/ cover 53.80, Total length 183.50,
Height/ B+ 60.00, Width/ kl. 15a 15.00,
No./ terminals 3


235871 Solenoid

Replacing: 2339402128

Servicing: 0001367082

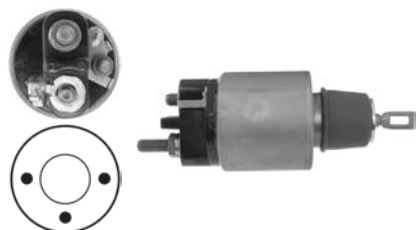
12 V, B+ M10, Kl. 15a 6.30, OD 61.40,
OD/ cover 64.00, Total length 176.80,
Height/ B+ 60.00, Width/ kl. 15a 45.00,
No./ terminals 3


235880 Solenoid

Replacing: 6033AD0464, 2339303848

Servicing: 0001223006

12 V, B+ M8, Kl. 30h M8, Kl. 50 M6,
OD 56.56, Total length 146.10,
Height/ B+ 60.00, Width/ kl. 30h 30.00,
Width/ kl. 50 15.00, No./ terminals 3


236516 Solenoid

 Replacing: 2339303422, 2339303387,
2339303355

 Servicing: 0001123002, 0001123003,
0001125600, 0001125601

12 V, B+ M8, Kl. 50 M6, OD 56.25,
OD/ cover 50.25, Total length 151.35,
Height/ B+ 24.20, Width/ kl. 50 13.60,
Coil bolt M8, Coil bolt 2 7.70,
No./ terminals 3


236645 Solenoid

Replacing: 2339402149

Servicing: 0001230002, 0001230018

12 V, B+ M10, Kl. 50 M5, OD 61.92,
Total length 123.00, Height/ B+ 20.29,
Width/ kl. 50 10.19, No./ terminals 3
Solenoid cap: HC-CARGO 231825.

Alternative no.: 333591


236837 Solenoid

 Replacing: 2339305047, 2339305026,
2339305013

 Servicing: 0001107429, 0001107437,
0001107459, 0001107460, 0001108217,
0001108218, 0001108222, 0001108223,
0001109250, 0001115047

12 V, B+ M8, Coil bolt M6, No./ terminals 3


237672 Solenoid

Replacing: 2339305033

 Servicing: 0001109205, 0001109300,
0001109301, 0001109302, 0001109303,
0001109313, 0001109324, 0001109325,
0001109332, 0001109333

 12 V, B+ M8, Kl. 50 M6, Height/ B+ 16.00,
Width/ kl. 50 8.80, No./ terminals 3

238106 Solenoid

Replacing: 2339305018

Servicing: 0001108400, 0001109364

12 V, No./ terminals 3


238836 Solenoid

Replacing: f000sh0178

Servicing: F000AL0320

12 V, B+ M8, OD 56.34,
OD/ cover 54.26, Total length 148.09,
Switch dim. 6.33, Height/ B+ 21.50,
Coil bolt M8, Coil bolt 2 9.03, No./ terminals 3


238923 Solenoid

Replacing: 2339305015

Servicing: 0001107430, 0001108402

12 V, B+ M8, Kl. 50 6.30, OD 52.40,
OD/ cover 50.50, Total length 136.75,
Switch dim. 6.55, Height/ B+ 12.30,
Coil bolt M8, Coil bolt 2 8.32,
No./ terminals 3


239776 Solenoid

Replacing: 2339305031

 Servicing: 0001107433, 0001107434,
0001107440, 0001107441, 0001107448,
0001107449, 9001107434, F004A94434,
F004A94441, F004A94449

 12 V, B+ M8, OD 52.34, Total length 108.98,
Height/ B+ 13.96, No./ terminals 3

239841 Solenoid

Replacing: 2339305045

 Servicing: 0001115040, 0001115041,
0001115045, 0001115046

12 V, B+ M8, Kl. 50 M6, OD 52.28,
Total length 98.76, Height/ B+ 16.64,
No./ terminals 3


239901 Solenoid

Replacing: 2339305046

Servicing: 0001107438, 0001107439

 12 V, B+ M8, Kl. 50 M5, OD 52.28,
 Total length 96.78, Height/ B+ 12.78,
 Width/ kl. 50 9.16, No./ terminals 3

330005 Solenoid

Replacing: 2339305030

 Servicing: 0001108213, 0001108214,
 0001108403, 0001108404, 0001109267

 12 V, B+ M8, Kl. 50 M6, OD 52.29,
 Total length 131.50, No./ terminals 3

330030 Solenoid

 Replacing: 2339305325, 2339305119,
 2339305078, 2339305056, 2339305025

 Servicing: 0001108206, 0001108207,
 0001108228, 0001108229, 0001109258,
 0001109259, 0001109260, 0001109261,
 0001109319, 0001109320

 12 V, B+ M8, Kl. 50 Plug, OD 52.32,
 Total length 139.11, Height/ B+ 60.00,
 Width/ kl. 50 15.00, No./ terminals 3

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330259 Solenoid

Replacing: 2339305068, 2339305032

Servicing: 0001109064, 0001109065

 12 V, B+ M8, Kl. 50 Plug, OD 52.44,
 Total length 143.27, Height/ B+ 18.05

330491 Solenoid

Replacing: 2339305084

 Servicing: 0001138001, 0001138002,
 0001138043, 0001138044, 0001138049,
 0001138050, 0001148015, 0001148016

 12 V, B+ M8, Kl. 50 Plug, OD 52.40,
 Total length 134.00, Height/ B+ 15.70,
 Coil bolt M8, Coil bolt 2 9.00

330787 Solenoid

Replacing: 2339305064

 Servicing: 0001109271, 0001109272,
 0001109284, 0001109285, 0001115049,
 0001115050, 0001115070, 0001115071

 12 V, B+ M8, Kl. 50 M6, OD 52.43,
 Total length 138.50, Height/ B+ 18.50,
 Width/ kl. 50 9.20, Coil bolt M8,
 Coil bolt 2 8.50, No./ terminals 3

331019 Solenoid

Replacing: 0331300022, 0331300019

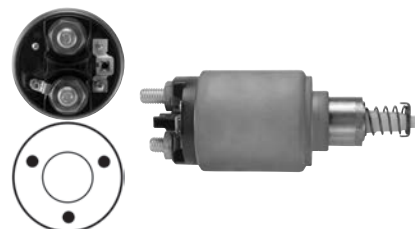
 Servicing: 0001307007, 0001307009,
 0001307017, 0001307021, 0001307022,
 0001307024, 0001312001

 12 V, B+ M8, OD 54.60,
 Total length 130.00, No./ terminals 3

332153 Solenoid

Replacing: 2339305135, 2339305092

 Servicing: 0001109306, 0001109307,
 0001109321, 0001109322, 0001109342,
 0001109343, 0001109371, 0001109375,
 0001109376

 12 V, B+ M8, Kl. 50 M6, OD 52.00,
 OD/ cover 51.00, Total length 126.18,
 Height/ B+ 24.51, Width/ kl. 50 9.40,
 Coil bolt M8, Coil bolt 2 8.50,
 No./ terminals 3

333137 Solenoid

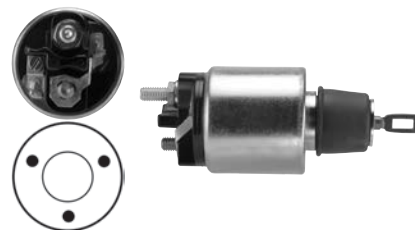
Manufacturer: Bosch

 Replacing: 0331402503, 0331402502,
 0331402202, 0331402003, 0331402002,
 0331401045, 0331401038

 Servicing: 0001358049, 0001358200,
 0001358201, 0001358202, 0001359049,
 0001359073, 0001359106, 0001359119,
 0001359128, 0001359217

 12 V, B+ M10, Kl. 30h M10,
 Kl. 50 M4S, ID/ cover 29.60, OD 61.00,
 OD/ cover 53.45, Total length 164.30,
 Height/ B+ 23.00, Width/ kl. 30h 16.00,
 Width/ kl. 50 2.95, Coil bolt M10,
 Coil bolt 2 17.00, No./ terminals 3
 Cap: HC-CARGO 131317.

Alternative no.: 130302, 130302Z

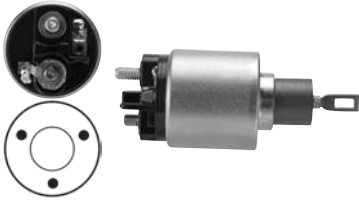

333141 Solenoid

Manufacturer: Bosch

Replacing: 9330331510, 9330331010

 12 V, B+ M8, ID/ cover 27.10, OD 56.35,
 OD/ cover 49.20, Total length 142.00,
 Height/ B+ 20.20, Coil bolt M8,
 Coil bolt 2 12.00, No./ terminals 3
 Cap: HC-CARGO 139213.

Alternative no.: 137276



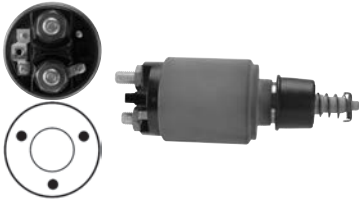
333142 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339303447, 2339303263, 2339303260, 2339303102, 0331303654, 0331303154, 0331303061, 0331303048

Servicing: 0001108003, 0001108032, 0001108046, 0001108066, 0001108068, 0001108069, 0001108103, 0001108104, 0001108124, 0001108134

12 V, B+ M8, Kl. 50 4.70, ID/ cover 26.90, OD 56.55, OD/ cover 49.50, Total length 140.15, Height/ B+ 19.80, Width/ kl. 50 8.60, Coil bolt M8, Coil bolt 2 12.30, No./ terminals 3
Cap: HC-CARGO 132780.
Alternative no.: 132258



333144 5★ Solenoid

Manufacturer: Bosch

Replacing: 9330081028, 2339402141, 0331402570, 0331402568, 0331402209, 0331402070, 0331402068, 0331402043

Servicing: 0001362039, 0001362601, 0001362700, 0001369007, 0001369019

12 V, B+ M10, Kl. 50 M4, ID/ cover 30.00, OD 61.50, OD/ cover 53.25, Total length 181.75, Height/ B+ 21.00, Width/ kl. 50 M4, No./ terminals 3
Cap: HC-CARGO 131318. Rubber boot: HC-CARGO 135576.
Alternative no.: 131141



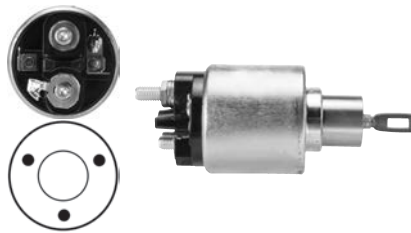
333145 5★ Solenoid

Manufacturer: Bosch

Replacing: f000sh0136, f000sh0133, f000sh0120, f000sh0102, 9330081068, 2339303724, 2339303722, 2339303377

Servicing: 0001107020, 0001107021, 0001107022, 0001107023, 0001107025, 0001107026, 0001107052, 0001107053, 0001107103, 0001107104

12 V, B+ M8, Kl. 50 4.70, ID/ cover 26.80, OD 56.30, OD/ cover 49.65, Total length 145.25, Height/ B+ 19.75, Coil bolt M8, Coil bolt 2 12.25, No./ terminals 3
Cap: HC-CARGO 134825.
Alternative no.: 134824



333146 5★ Solenoid

Manufacturer: Bosch

Replacing: F000SH0180, 9330043502, 9330043002, 2339303435, 2339303408, 2339303363, 2339303321, 0331303571

Servicing: 0001106001, 0001106002, 0001107003, 0001107004, 0001107007, 0001107008, 0001108001, 0001108002, 0001108005, 0001108006

12 V, B+ M8, Kl. 50 6.30, OD 56.35, OD/ cover 49.70, Total length 138.00, Height/ B+ 18.60, Width/ kl. 50 13.85, Coil bolt M8, Coil bolt 2 14.30
Cap: HC-CARGO 131337.
Alternative no.: 131586

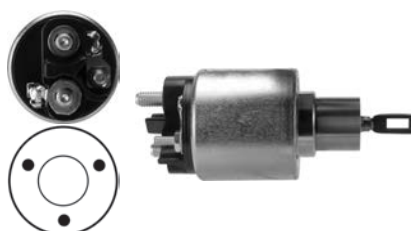


333147 5★ Solenoid

Manufacturer: Bosch

Replacing: 9330081065, 2339303296, 0331303653, 0331303506, 0331303156, 0331303153, 0331303058, 0331303049

12 V, B+ M8, Kl. 30h M8, Kl. 50 6.30, ID/ cover 27.10, OD 56.35, OD/ cover 49.35, Total length 140.80, Height/ B+ 20.00, Width/ kl. 30h 14.45, Width/ kl. 50 12.50, Coil bolt M8, Coil bolt 2 12.60, No./ terminals 3
Cap: HC-CARGO 131315.
Alternative no.: 131143



333148 5★ Solenoid

Manufacturer: Bosch

Replacing: 0331303640, 0331303540, 0331303140

12 V, B+ M8, Kl. 50 M6, ID/ cover 27.00, OD 56.25, OD/ cover 49.30, Total length 140.00, Height/ B+ 19.70, Width/ kl. 50 15.80, Coil bolt M8, Coil bolt 2 11.75, No./ terminals 3
Cap: HC-CARGO 138004.
Alternative no.: 138971

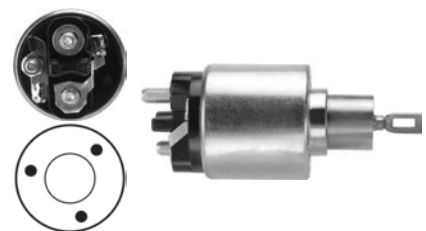


333149 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339304053, 2339304001, 0331304053

12 V, B+ M8, Kl. 50 M6, ID/ cover 24.25, OD 52.00, OD/ cover 48.85, Total length 130.55, Height/ B+ 14.60, Width/ kl. 50 14.80, Coil bolt M8, Coil bolt 2 9.55, No./ terminals 3
Cap: HC-CARGO 137349.
Alternative no.: 138877



333150 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339303318, 2339303315, 2339303220, 0331303642, 0331303142

12 V, B+ M8, Kl. 50 M6, ID/ cover 27.00, OD 56.15, OD/ cover 49.55, Total length 133.80, Height/ B+ 13.45, Width/ kl. 50 10.20, Coil bolt M8, Coil bolt 2 7.90, No./ terminals 3
Cap: HC-CARGO 138003.
Alternative no.: 137266

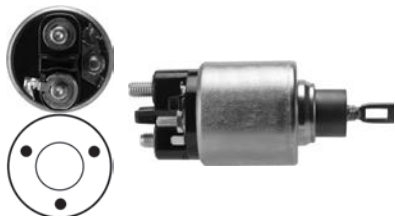


333153 5★ Solenoid

Manufacturer: Bosch

Replacing: 0333009004

12 V, 150 Amp, Intermittent load 800 Amp., B+ M8, OD 51.75, OD/ cover 44.00, Total length 100.15, Height/ B+ 17.75, Coil bolt M8, Coil bolt 2 17.75, Seconds 5, No./ terminals 4
Silver contact. Insulated return.
Alternative no.: 131373, 131373Z


333157 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339304069, 2339304039, 2339304021, 2339304019, 2339304018, 2339304002

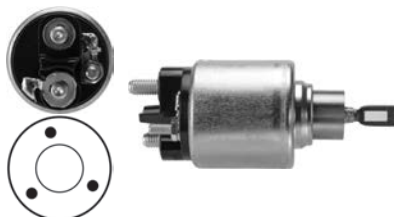
Servicing: 0001107037, 0001107048, 0001107072, 0001107096, 0001107403, 0001107406, 0001108184, 0001109014, 0001109036, 0001110112

 12 V, B+ M8, KI. 50 M6, ID/ cover 24.00, OD 52.20, OD/ cover 45.65, Total length 130.70, Height/ B+ 12.90, Width/ kl. 50 13.25, Coil bolt M8, Coil bolt 2 7.65, No./ terminals 3
 Cap: HC-CARGO 233075.
 Alternative no.: 230356

333160 5★ Solenoid

Manufacturer: Bosch

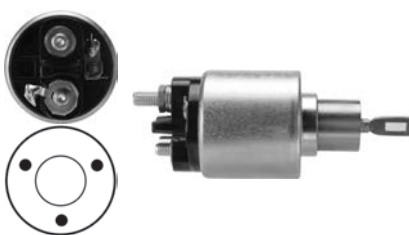
Replacing: 0333006004

 12 V, 80 Amp, Intermittent load 500 Amp., B+ M8, KI. 50 6.30, OD 52.10, OD/ cover 45.20, Total length 101.75, Height/ B+ 17.50, Width/ kl. 50 10.65, Coil bolt M8, Coil bolt 2 17.50, Seconds 5, No./ terminals 4
 Water proof. Silver contact. Insulated return.
 Alternative no.: 131370

333163 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339304050, 2339304047, 2339304015

Servicing: 0001107062, 0001107417, 0001107418, 0001107499, 0001107500, 0001107501, 0001107502, 0001108408, 0001108430, 0001108431

 12 V, B+ M8, KI. 30h M10, KI. 50 M6, ID/ cover 24.00, OD 52.45, OD/ cover 45.30, Total length 111.70, Height/ B+ 13.10, Width/ kl. 30h 45.00, Width/ kl. 50 14.45, Coil bolt M8, Coil bolt 2 9.35, No./ terminals 3
 Cap: HC-CARGO 137349.
 Alternative no.: 138763

333166 5★ Solenoid

Manufacturer: Bosch

Replacing: 0331303070, 0331303064, 0331303045

 12 V, B+ M8, KI. 50 6.30, ID/ cover 26.75, OD 56.25, OD/ cover 49.30, Total length 139.75, Height/ B+ 20.45, Width/ kl. 50 11.25, Coil bolt M8, Coil bolt 2 12.25, No./ terminals 3
 Cap: HC-CARGO 133202.
 Alternative no.: 132827

333168 5★ Solenoid

Manufacturer: Bosch

Replacing: 0331402704, 0331402539, 0331402535, 0331402519, 0331402504, 0331402501, 0331402205, 0331402204

Servicing: 0001358051, 0001359008, 0001359074, 0001359075, 0001359090, 0001359095, 0001359102, 0001359107, 0001359108, 0001359122

 12 V, B+ M10, KI. 30h M10, KI. 50 M4S, ID/ cover 29.80, OD 61.30, OD/ cover 53.35, Total length 164.00, Height/ B+ 24.00, Width/ kl. 30h 16.45, Width/ kl. 50 3.30, Coil bolt M10, Coil bolt 2 17.00, No./ terminals 3
 Cap: HC-CARGO 131318.
 Alternative no.: 130301, 130301Z

333239 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339303412

Servicing: 0001107103, 0001121006, 0001121007, 0001121008, 0001121016, 0001121017, 0001121018, 0001121019, 0001121022, 0001121023

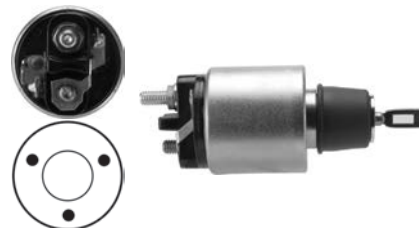
12 V, B+ M8, OD 33.00, Total length 100.00


333240 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339303842

12 V, OD 33.00, Total length 101.50


333241 5★ Solenoid

Manufacturer: Bosch

Replacing: 9330331006, 2339303858

Servicing: 0001218168, 0001218768

 12 V, B+ M8, KI. 50 6.30, OD 56.37, Total length 142.64, Height/ B+ 15.45, Width/ kl. 50 11.50, Coil bolt M8, Coil bolt 2 8.70, No./ terminals 3
 Alternative no.: 136717

333243 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339305051

Servicing: 0001109205, 0001109324, 0001109325, 0001109387, 0001109388, 0001115088, 0001115089, 0001115092, 0001115093

12 V, B+ M8, KI. 15a M6, OD 33.00, Total length 93.00

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333316 Solenoid

Replacing: 2339305066

 Servicing: 0001109273, 0001109274, 0001115051, 0001115052, 0001115072, 0001115073, 0001115076, 0001115077
 12 V


333321 Solenoid

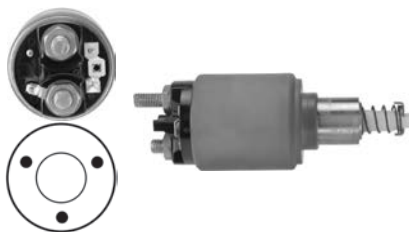
Replacing: 2339402119
 Servicing: 0001230001
 12 V, B+ M10, Kl. 50 M4,
 OD 61.50, OD/ cover 54.50,
 Total length 166.50, No./ terminals 3


333493 5★ Solenoid

Manufacturer: Bosch
 Replacing: 2339402115
 Servicing: 0001369023, 0001369201
 12 V, B+ M8, Kl. 50 6.30,
 ID/ cover 30.00, OD 61.00,
 OD/ cover 54.00, Total length 181.00,
 Height/ B+ 23.00, Coil bolt M10,
 Coil bolt 2 24.80, No./ terminals 3
 Alternative no.: 231801


333494 5★ Solenoid

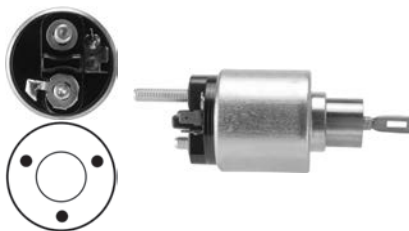
Manufacturer: Bosch
 Replacing: 2339402140
 Servicing: 0001223504, 0001230023,
 0001230026
 12 V, B+ M10, Kl. 50 6.30,
 ID/ cover 30.00, OD 61.00,
 OD/ cover 64.00, Total length 180.00,
 Height/ B+ 25.00, Width/ kl. 50 13.00,
 Coil bolt M10, Coil bolt 2 24.00,
 No./ terminals 3
 Alternative no.: 234287


333495 5★ Solenoid

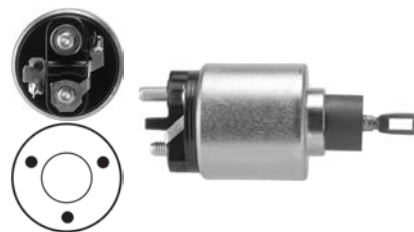
Manufacturer: Bosch
 Replacing: 2339402611, 2339402111,
 0331402607, 0331402107
 Servicing: 0001367077, 0001369014
 12 V, B+ M10, ID/ cover 29.00,
 OD 61.00, OD/ cover 54.00,
 Total length 171.00, Height/ B+ 24.00,
 Width/ kl. 50 2.20, Coil bolt M10,
 Coil bolt 2 17.60, No./ terminals 3
 Alternative no.: 137232


333531 5★ Solenoid

Manufacturer: Bosch
 Replacing: 0333009011
 24 V, 150 Amp, B+ M8, Kl. 15a 6.30,
 Kl. 50 6.30, OD 50.00,
 Total length 100.00, Height/ B+ 15.00,
 Width/ kl. 15a 60.00,
 Width/ kl. 50 30.00, No./ terminals 4
 Alternative no.: 333622


333545 5★ Solenoid

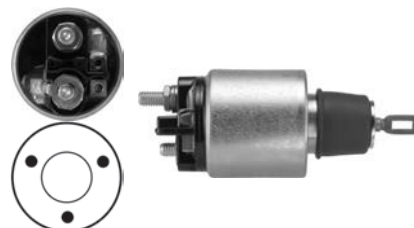
Manufacturer: Bosch
 Replacing: 0331303555, 0331303132,
 0331303076, 0331303056, 0331303055
 Servicing: 0001110009, 0001110010,
 0001208425, 0001208426, 0001208428,
 0001211251, 0001211252, 0001211253,
 0001211254, 0001212211
 12 V, B+ M8, Kl. 50 6.30,
 ID/ cover 26.95, OD 56.30,
 OD/ cover 49.45, Total length 155.75,
 Height/ B+ 35.00, Width/ kl. 50 13.60,
 Coil bolt M8, Coil bolt 2 12.75,
 No./ terminals 3
 Cap: HC-CARGO 133148.
 Alternative no.: 133421


333546 5★ Solenoid

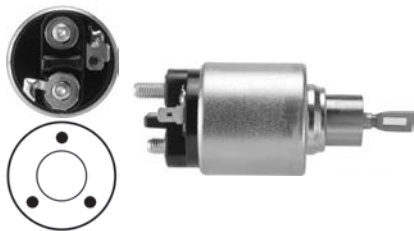
Manufacturer: Bosch
 Replacing: 2339303311, 2339303223,
 2339303209, 0331303562, 0331303155,
 0331303121, 0331303072, 0331303062
 Servicing: 0001108051, 0001108143,
 0001108180, 0001108182, 0001110003,
 0001110026, 0001110089, 0001110095,
 0001110114, 0001112025
 12 V, B+ M8, Kl. 50 6.30,
 ID/ cover 27.00, OD 56.30,
 OD/ cover 49.20, Total length 136.60,
 Height/ B+ 20.00, Width/ kl. 50 13.15,
 Coil bolt M8, Coil bolt 2 11.70,
 No./ terminals 3
 Alternative no.: 136369


333547 5★ Solenoid

Manufacturer: Bosch
 Replacing: 2339303448
 12 V
 Alternative no.: 231653


333555 5★ Solenoid

Manufacturer: Bosch
 Replacing: 0331303021, 0331303012
 14 V, B+ M8, Kl. 15a 4.70,
 Kl. 50 4.70, ID/ cover 26.75, OD 56.25,
 OD/ cover 49.45, Total length 142.20,
 Height/ B+ 19.80, Width/ kl. 15a 6.35,
 Width/ kl. 50 8.30, Coil bolt M8,
 No./ terminals 4
 Alternative no.: 133644


333561 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339304025, 2339304020

Servicing: 0001116001

12 V, B+ M8, Kl. 50 6.30, ID/ cover 24.00, OD 52.25, OD/ cover 45.65,

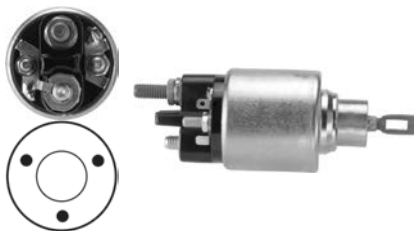
Total length 126.15, Height/ B+ 14.65,

Width/ kl. 50 11.45, Coil bolt M8,

Coil bolt 2 9.00, No./ terminals 3

Cap: HC-CARGO 234437.

Alternative no.: 230848


333565 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339304046, 2339304040, 2339304013, 2339304010, 2339304009, 2339304005

Servicing: 0001107442, 0001107443, 0001108157, 0001108196, 0001108230, 0001108401, 0001109025, 0001109200, 0001109201

12 V, B+ M8, Kl. 30h M5, Kl. 50 M6, ID/ cover 24.15, OD 52.15,

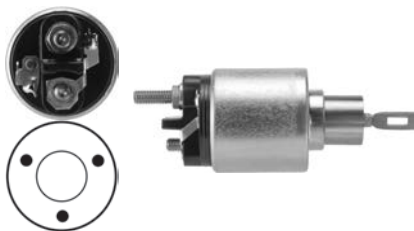
OD/ cover 45.65, Total length 136.30,

Height/ B+ 14.00, Width/ kl. 30h 7.70,

Width/ kl. 50 9.90, Coil bolt M8,

Coil bolt 2 7.40, No./ terminals 4

Alternative no.: 137879


333568 5★ Solenoid

Manufacturer: Bosch

Replacing: 0331303597, 0331303560, 0331303122, 0331303097, 0331303091, 0331303090, 0331303083, 0331303060

Servicing: 0001208211, 0001208213, 0001218003, 0001218012, 0001218013, 0001218018, 0001218019, 0001218020, 0001218024, 0001218101

12 V, B+ M8, Kl. 50 6.30, ID/ cover 27.20, OD 56.40, OD/ cover 49.60,

Total length 118.40, Height/ B+ 14.15,

Width/ kl. 50 13.40, Coil bolt M8,

Coil bolt 2 9.60, No./ terminals 3

Alternative no.: 132267


333572 5★ Solenoid

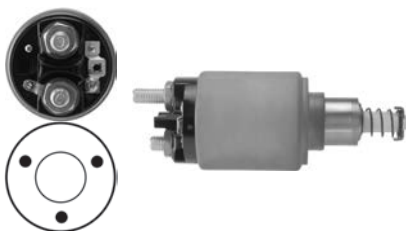
Manufacturer: Bosch

Replacing: 2339303413, 2339303293

Servicing: 0001107009, 0001107085, 0001108099, 0001109012, 0001109017, 0001109049, 0001110068, 0001110133, 0001110134, 0001121010

12 V

Alternative no.: 131143


333586 5★ Solenoid

Manufacturer: Bosch

Replacing: 0331402524, 0331402024

Servicing: 0001358202, 0001359094, 0001362307, 0001367071

12 V, B+ M10, Kl. 50 4.70,

ID/ cover 30.10, OD 61.15,

OD/ cover 53.40, Total length 162.00,

Width/ kl. 50 3.75, Coil bolt M10,

Coil bolt 2 15.50, No./ terminals 3

Alternative no.: 132253


333587 5★ Solenoid

Manufacturer: Bosch

Replacing: 0331402513, 0331402200, 0331402013

Servicing: 0001359084, 0001359111, 0001367034, 0001367039, 0001367059

12 V, B+ M10, ID/ cover 30.00,

OD 60.85, OD/ cover 53.35,

Total length 172.20, Height/ B+ 23.35,

Coil bolt M10, Coil bolt 2 16.65,

No./ terminals 3

Alternative no.: 131042


333590 5★ Solenoid

Manufacturer: Bosch

Replacing: f00sh0131, f00sh0125, F00SH0131, F00SH0125, 2339304008

Servicing: 0001112041, f000al0325, F000AL0327

12 V, B+ M8, Kl. 50 M5,

ID/ cover 27.10, OD 56.40,

OD/ cover 49.80, Total length 147.30,

Height/ B+ 21.40, Width/ kl. 50 10.30,

Coil bolt M8, Coil bolt 2 7.25,

No./ terminals 3

Alternative no.: 137612


333591 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339402149

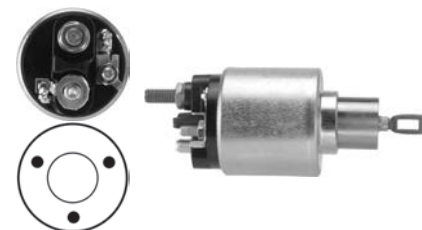
Servicing: 0001230002, 0001230018

12 V, B+ M10, Kl. 50 M5, OD 61.92,

Total length 123.00, Height/ B+ 20.29,

Width/ kl. 50 10.19, No./ terminals 3

Alternative no.: 236645


333592 5★ Solenoid

Manufacturer: Bosch

Replacing: f010sh0105, F00SH0123, 2339303227

Servicing: 0001109018, 0001109030, 0001109045, 0001109048, 0001109253, F002G20506

12 V, B+ M8, Kl. 50 M6, ID/ cover 27.10,

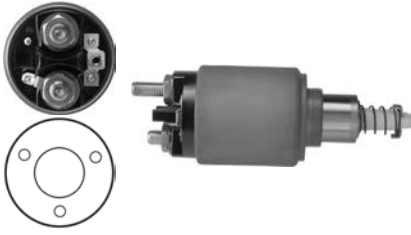
OD 56.20, OD/ cover 49.85,

Total length 145.00, Height/ B+ 20.90,

Width/ kl. 50 14.15, Coil bolt M8,

Coil bolt 2 9.10, No./ terminals 3

Alternative no.: 139498



333596 5★ Solenoid

Manufacturer: Bosch
 Replacing: 2339402132
 Servicing: 0001223506, 0001230006, 0001230012
 12 V, B+ M10, Kl. 50 4.70,
 ID/ cover 30.00, OD 91.40,
 OD/ cover 53.25, Total length 151.00,
 Height/ B+ 25.20, Width/ kl. 50 3.90,
 Coil bolt M10, Coil bolt 2 14.35,
 No./ terminals 3
 Alternative no.: 230452



333601 5★ Solenoid

Manufacturer: Bosch
 Replacing: 2339303306, 2339303294, 2339303202
 Servicing: 0001109034
 12 V, B+ M8, Kl. 50 Plug,
 ID/ cover 26.30, OD 56.25,
 OD/ cover 49.70, Total length 124.15,
 Height/ B+ 13.80, Coil bolt M8,
 Coil bolt 2 8.35, No./ terminals 3
 Alternative no.: 139069

24 Volt



130282 Solenoid

Replacing: 9339991018, 0331101019, 0331101004, 0331101002, 0331100012, 0331100011, 0331100002
 Servicing: 0001402031, 0001402043, 0001402050, 0001402053, 0001402054, 0001402055, 0001402057, 0001402058, 0001402059, 0001402060
 24 V, B+ Cable, OD 69.30, Total length 91.20



130283 Solenoid

Replacing: 0331101016, 0331101008, 0331101005, 0331100025, 0331100021, 0331100019, 0331100009
 Servicing: 0001410019, 0001410022, 0001410024, 0001410037, 0001410038, 0001410049, 0001410050, 0001410068, 0001410069, 0001410075
 24 V, B+ Cable, OD 85.50,
 Total length 93.65
 Insulated return.
 Alternative no.: 333162 5★



130303 Solenoid

Replacing: 2339402161, 2339402120, 0331402510, 0331402201, 0331402010
 Servicing: 0001231003, 0001360022, 0001360037, 0001360052, 0001360056, 0001360065, 0001368024, 0001368028, 0001368055, 0001368062
 24 V, B+ M10, Kl. 30h M10,
 Kl. 50 M6s, ID/ cover 30.00, OD 60.90,
 OD/ cover 53.35, Total length 173.00,
 Height/ B+ 23.95, Width/ kl. 30h 16.75,
 Width/ kl. 50 12.82, Coil bolt M10,
 Coil bolt 2 18.00, No./ terminals 3
 Cap: HC-CARGO 133447.
 Alternative no.: 333138 5★, 130303z



130303Z Solenoid

Replacing: 2339402161, 2339402120, 0331402510, 0331402201, 0331402010
 24 V, B+ M10, Kl. 30h M10,
 Kl. 50 M6s, ID/ cover 30.00, OD 60.90,
 OD/ cover 53.35, Total length 173.00,
 Height/ B+ 23.95, Width/ kl. 30h 16.75,
 Width/ kl. 50 12.82, Coil bolt M10,
 Coil bolt 2 18.00, No./ terminals 3
 Cap: HC-CARGO 133447.
 Alternative no.: 333138 5★, 130303



130304 Solenoid

Replacing: 2339450012, 2007022001, 0331450005, 0331450004, 0331450001, 0330105001
 Servicing: 0001410015, 0001410016, 0001410017, 0001410021, 0001410024, 0001410029, 0001410032, 0001410034, 0001410035, 0001410041
 24 V, B+ Cable, OD 95.25,
 Total length 93.30
 Alternative no.: 333155 5★



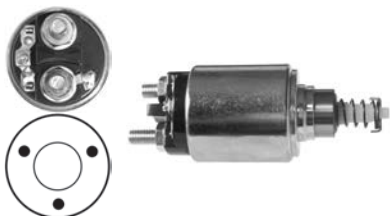
130305 Solenoid

Replacing: 2339450013, 0331450002
 Servicing: 0001410019, 0001410022, 0001410024, 0001410037, 0001410038, 0001410049, 0001410050, 0001410068, 0001410069, 0001410075
 24 V, B+ Cable, OD 94.00,
 Total length 111.30
 Insulated return.
 Alternative no.: 333159 5★



130477 Solenoid

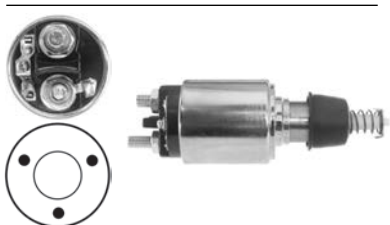
Replacing: 0331402081, 0331401002, 0331400024
 Servicing: 0001360003, 0001360004, 0001360005, 0001360010, 0001360012, 0001360013, 0001360014, 0001360015, 0001360017, 0001360018
 24 V, B+ M10, ID/ cover 30.00,
 OD 60.80, OD/ cover 53.25,
 Total length 177.30, Height/ B+ 24.60,
 Width/ kl. 50 2.45, Coil bolt M10,
 Coil bolt 2 17.40, No./ terminals 3
 Cap: HC-CARGO 131318.


130939 Solenoid

Replacing: 0331402706, 0331402206, 0331402057, 0331402053, 0331402051

Servicing: 0001360002, 0001360007, 0001360008, 0001360009, 0001360010, 0001360026, 0001360035, 0001360038, 0001360043, 0001360050

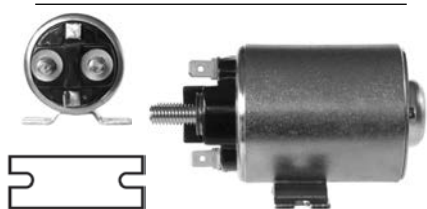
24 V, B+ M10, Kl. 50 M4, ID/ cover 29.90, OD 60.80, OD/ cover 53.15, Total length 165.60, Height/ B+ 23.90, Width/ kl. 50 2.00, Coil bolt M10, Coil bolt 2 17.00, No./ terminals 3
Cap: HC-CARGO 131318.
Alternative no.: 333140


131053 Solenoid

Replacing: 9330142504, 9330142004, 9330081042, 0331402708, 0331402505, 0331402208, 0331402044, 0331402005

Servicing: 0001360023, 0001360025, 0001360036, 0001360040, 0001360049, 0001364103, 0001364108, 0001368018, 0001368030, 0001368031

24 V, B+ M10, ID/ cover 30.00, OD 60.90, OD/ cover 53.15, Total length 182.30, Height/ B+ 23.30, Width/ kl. 50 2.25, Coil bolt M10, Coil bolt 2 16.30, No./ terminals 3
Cap: HC-CARGO 131318. Rubber boot: HC-CARGO 135576.
Alternative no.: 333143


131371 Solenoid

Replacing: 0333006006

Servicing: 0333006006

24 V, 80 Amp, Intermittent load 500 Amp., B+ M8, OD 51.70, OD/ cover 43.45, Total length 99.60, Height/ B+ 17.35, Coil bolt M8, Coil bolt 2 17.35, Seconds 5, No./ terminals 4
Silver contact. Insulated return.
Alternative no.: 333156


131372Z Solenoid

Replacing: 0333009013, 0333009002

24 V, 150 Amp, Intermittent load 800 Amp., B+ M8, OD 52.01, OD/ cover 50.22, Total length 102.48, Height/ B+ 17.91, Coil bolt 4.00, Seconds 5, No./ terminals 4
Silver contacts.
Alternative no.: 333152


132254 Solenoid

Replacing: 9330081045, 0331402531, 0331402036, 0331402031

Servicing: 0001360027, 0001368016, 0001368019, 0001368020, 0001368021, 0001368037, 0001368038, 0001368056, 0001368059, 0001368063

24 V, B+ M10, Kl. 50 4.70, ID/ cover 29.80, OD 61.00, OD/ cover 53.35, Total length 161.85, Height/ B+ 21.90, Width/ kl. 50 3.70, Coil bolt M10, Coil bolt 2 15.75, No./ terminals 3
Cap: HC-CARGO 131318.
Alternative no.: 333151


132255 Solenoid

Replacing: 2339402177, 2339402171

Servicing: 0001363111, 9000143601, 9000143602

24 V, B+ M10, Kl. 50 4.70, ID/ cover 30.10, OD 61.40, OD/ cover 53.10, Total length 147.75, Height/ B+ 21.25, Width/ kl. 50 3.60, Coil bolt M10, Coil bolt 2 17.00, No./ terminals 3
Cap: HC-CARGO 131318.


132294 Solenoid

Replacing: 0331402707, 0331402207, 0331402012

Servicing: 0001360039, 0001360044, 0001360048, 0001360054, 0001360057, 0001368003, 0001368008, 0001368011, 0001368015, 0001368023

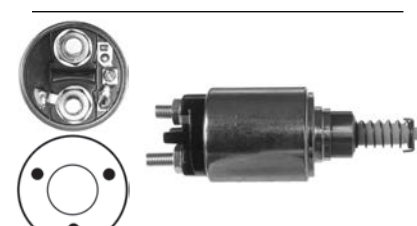
24 V, B+ M10, Kl. 50 M4, ID/ cover 30.00, OD 60.75, OD/ cover 53.45, Total length 148.00, Height/ B+ 24.00, Width/ kl. 50 2.80, Coil bolt M10, Coil bolt 2 17.15, No./ terminals 4
Insulated return. Cap: HC-CARGO 132677.


132361 Solenoid

Replacing: 0331402537, 0331402515, 0331402037, 0331402015

Servicing: 0001360012, 0001360014, 0001360016, 0001360024, 0001360035, 0001360041, 0001360045, 0001360058, 0001360060, 0001368001

24 V, B+ M10, ID/ cover 30.10, OD 60.90, OD/ cover 53.00, Total length 171.65, Height/ B+ 24.60, Width/ kl. 50 2.20, Coil bolt M10, Coil bolt 2 16.35, No./ terminals 3
Cap: HC-CARGO 131317.
Alternative no.: 333167


132362 Solenoid

Replacing: 0331402055, 0331402021

Servicing: 0001364102, 0001364200, 0001364203, 0001364206, 0001364300, 0001364301, 0001364400, 0001364402, B001819014, B001819202

24 V, B+ M10, ID/ cover 30.00, OD 60.85, OD/ cover 53.25, Total length 175.90, Height/ B+ 23.35, Width/ kl. 50 2.55, Coil bolt M10, Coil bolt 2 17.10, No./ terminals 3
Cap: HC-CARGO 131317.
Alternative no.: 333170



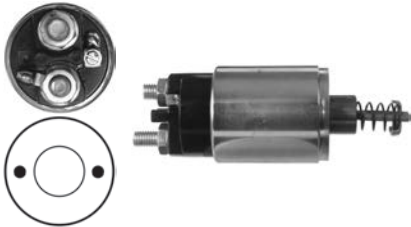
132363 Solenoid

Replacing: 0331402508, 0331402177, 0331402171, 0331402054, 0331402008

Servicing: 0001363111, 0001364100, 0001364101, 0001364104, 0001364105, 0001368057, 9000143601, 9000143602, B001813222, B001816384

24 V, B+ M10, ID/ cover 30.00, OD 61.00, OD/ cover 53.65, Total length 178.00, Height/ B+ 26.00, Width/ kl. 50 5.30, Coil bolt M10, Coil bolt 2 20.75, No./ terminals 3
Cap: HC-CARGO 131318.

Alternative no.: 333169



133096# Solenoid

Replacing: 0331401033, 0331401025

Servicing: 0001360014, 0001360016, 0001360024

24 V, B+ M10, OD 57.00, OD/ cover 50.00, Total length 161.20, Height/ B+ 20.80, Width/ kl. 50 2.65, Coil bolt M10, Coil bolt 2 15.00, No./ terminals 3
Cap: HC-CARGO 133157. Lever: HC-CARGO 131183.



133554 Solenoid

Replacing: 0331101009, 0331101006, 0331100016

Servicing: 0001410015, 0001410016, 0001410017, 0001410021, 0001410029, 0001410032, 0001410034, 0001410035, 0001410041, 0001410043

24 V, OD 69.30, Total length 91.90

Alternative no.: 333154



135380 Solenoid

Replacing: 0331100023

Servicing: 0001510001, 0001510002, 0001510003, 0001510005, 0001510008, 0001510009, 0001510010, 0001510017, 0001510018, 0001510019

24 V, OD 72.75, Total length 94.50
Insulated return.

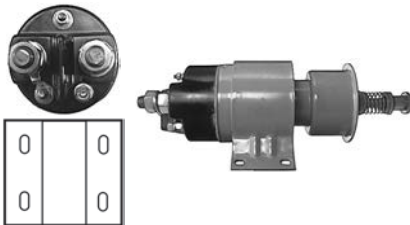


135381 Solenoid

Replacing: 0331451002, 0331451001, 0311451002

Servicing: 0001510001, 0001510002, 0001510003, 0001510005, 0001510008, 0001510009, 0001510010, 0001510017, 0001510018, 0001510019

24 V, Total length 95.40
Insulated return.



136692 Solenoid

Replacing: 2007010131, 2007010128, 0331410010, 0331410008, 0331410005, 0331410003, 0331410002

Servicing: 0001420001, 0001420002, 0001420003, 0001420004, 0001420005, 0001420006, 0001420007, 0001420008, 0001420009, 0001420010

24 V, B+ 1/2" UNC, Kl. 15a M5, Kl. 30h M6, Kl. 50 M6, OD 81.80, OD/ cover 75.20, Total length 277.65, Height/ B+ 30.00, Width/ kl. 15a 15.00, Width/ kl. 30h 14.55, Width/ kl. 50 14.55, Coil bolt 1/2" UNC, Coil bolt 2 31.20, No./ terminals 5



138257 Solenoid

Replacing: 2339303276, 0331303596, 0331303096

Servicing: 0001111001, 0001111005, 0001219001, 0001219007, 0001219010, 0001219013, 0001219014, 9000332401, 9000332402, B001111052

24 V, B+ M8, ID/ cover 27.25, OD 56.30, OD/ cover 49.45, Total length 137.50, Height/ B+ 13.75, Width/ kl. 50 8.50, Coil bolt M8, Coil bolt 2 8.45, No./ terminals 3
Cap: HC-CARGO 132780.

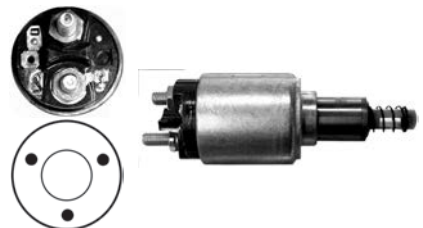


138311 Solenoid

Replacing: 9330451071, 9330451070, 9330451059, 2339403506, 2339403006

Servicing: 0001371004, 0001371006, 0001371008, 9000453068, B001850025

24 V, B+ M12, ID/ cover 32.10, OD 65.90, OD/ cover 57.90, Total length 209.00, Height/ B+ 26.90, Width/ kl. 50 2.45, Coil bolt M12, Coil bolt 2 26.90, No./ terminals 3
Cap: HC-CARGO 234917. Boot: HC-CARGO 231553.

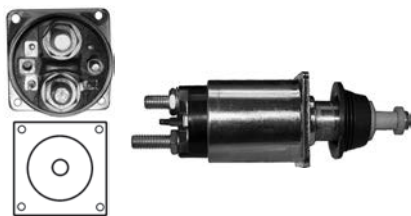


139507 Solenoid

Replacing: 2339402110

Servicing: 0001368085

24 V, B+ M10, Kl. 50 4.70, ID/ cover 29.95, OD 61.30, OD/ cover 54.00, Total length 173.15, Height/ B+ 25.15, Width/ kl. 50 3.45, Coil bolt M10, Coil bolt 2 13.95, No./ terminals 3

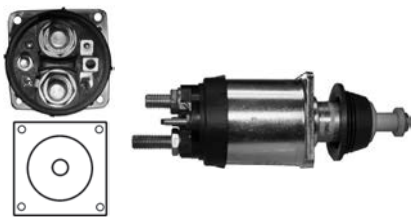

139965 Solenoid

Replacing: 2339403509, 2339403014, 2339403009

Servicing: 0001371010, 0001371013, 0001371015, 0001371016, 0001371018, 0001372002, 0001372003, 0001372007, 0001372008, B001860021

24 V, B+ M12, Kl. 50 M6, OD 65.75, OD/ cover 57.30, Total length 199.00, Height/ B+ 38.00, Width/ kl. 15a 2.00, Width/ kl. 50 21.00, Coil bolt M12, Coil bolt 2 26.00, No./ terminals 4
Cap: HC-CARGO 235005. Boot: HC-CARGO 231553.

Alternative no.: 333529


139967 Solenoid

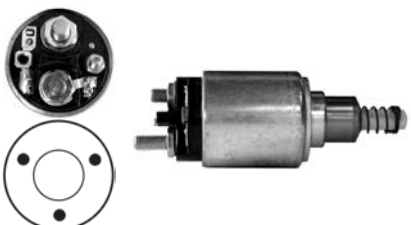
Replacing: 2339403010, 2339403008, 0331403004, 0331403003

Servicing: 0001371001, 0001371019, 0001372001, 0001372005, 0001372006, 0AA137200B, 0AA137200F, 0AA137200G

24 V, B+ M12, Kl. 50 M6, ID/ cover 32.00, OD 66.00, OD/ cover 56.30, Total length 184.85, Height/ B+ 33.40, Width/ kl. 15a 2.70, Width/ kl. 50 18.20, Coil bolt M12, Coil bolt 2 26.80, No./ terminals 4

Plunger boot: HC-CARGO 231553.

Alternative no.: 333600


230904 Solenoid

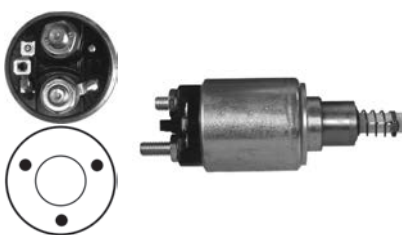
Replacing: 2339402180, 2339402156, 2339402117

Servicing: 0001231002, 0001231032, B001260015

24 V, B+ M10, Kl. 15a M6, Kl. 50 M6, OD 61.60, Total length 148.50, Height/ B+ 17.50, Width/ kl. 15a 17.50, Coil bolt M10, Coil bolt 2 12.00, No./ terminals 4

Cap: HC-CARGO 230278.

Alternative no.: 333158


231711 Solenoid

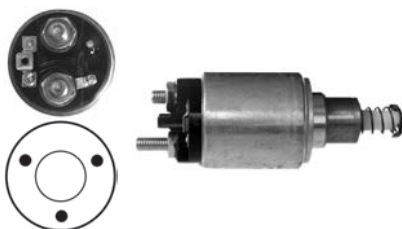
Replacing: 2339402190, 2339402189, 2339402182, 2339402167, 2339402160, 2339402139, 2339402116

Servicing: 0001231001, 0001231007, 0001231008, 0001231009, 0001231010, 0001231011, 0001231017, 0001231019, 0001231029, 0001231030

24 V, B+ 20.60, Kl. 50 M10/16.40, ID/ cover 3.50, OD 62.00, OD/ cover 58.80, Total length 153.00, Height/ B+ 20.60, Width/ kl. 50 M10/16.40, No./ terminals 3

Cap: HC-CARGO 232195.

Alternative no.: 333165


233582 Solenoid

24 V, B+ M10, Kl. 50 4.70, ID/ cover 29.85, OD 61.30, OD/ cover 53.65, Total length 171.90, Height/ B+ 19.60, Width/ kl. 50 3.35, Coil bolt M10, Coil bolt 2 14.15, No./ terminals 3

Cap: HC-CARGO 232195.

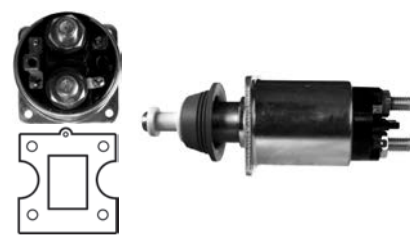
Alternative no.: 333161


233583 Solenoid

Replacing: 2339402165, 2339402124

Servicing: 0001231013, 0001368313

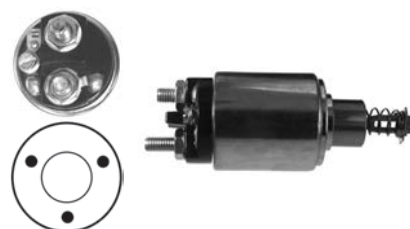
24 V, B+ M10, Kl. 50 M6, ID/ cover 30.00, OD 61.45, OD/ cover 54.00, Total length 172.50, Height/ B+ 25.65, Width/ kl. 50 13.60, Coil bolt M10, Coil bolt 2 14.65, No./ terminals 3


233584 Solenoid

Replacing: 2339403007

Servicing: 0001371005, 0001371007, 0001371009, 0001371012

24 V, B+ M12, Kl. 15a 6.30, Kl. 50 6.30, ID/ cover 32.25, OD 66.00, OD/ cover 57.25, Total length 209.75, Height/ B+ 25.20, Width/ kl. 15a 3.55, Width/ kl. 50 11.40, Coil bolt M12, Coil bolt 2 24.70, No./ terminals 4
Insulated return.

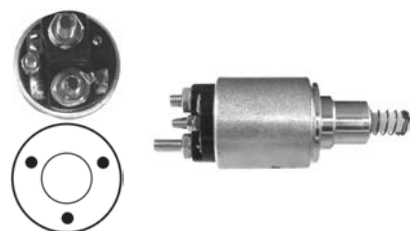

233734 Solenoid

Replacing: 0331402507, 0331402094, 0331402007

Servicing: 0001360002, 0001360007, 0001360008, 0001360009, 0001360013, 0001360018, 0001360020, 0001360026, 0001360029, 0001360031

24 V, B+ M10, Kl. 50 M6, ID/ cover 30.00, OD 61.00, OD/ cover 53.15, Total length 165.55, Height/ B+ 24.00, Width/ kl. 50 2.65, Coil bolt M10, Coil bolt 2 17.45, No./ terminals 3

Cap: HC-CARGO 133447.


233852 Solenoid

Replacing: 2339402157, 2339402136

Servicing: 0001231004, 0001231007, 0001231012, 0001231014

24 V, B+ M10, Kl. 50 M6, ID/ cover 46.00, OD 61.60, OD/ cover 59.00, Total length 153.30, Height/ B+ 16.80, Width/ kl. 50 10.50, Coil bolt M10, Coil bolt 2 11.70, No./ terminals 3

Cap: HC-CARGO 232195.

Alternative no.: 333161

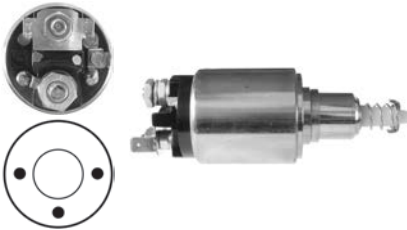

234129 Solenoid

Replacing: 2339402185, 2339402173, 2339402155

Servicing: 0001231016, 0001231046, 0001231146

24 V, B+ M10, Kl. 50 M6, ID/ cover 29.95, OD 61.40, OD/ cover 55.85, Total length 180.00, Height/ B+ 34.70, Width/ kl. 15a 3.55, Width/ kl. 50 21.65, Coil bolt M10, Coil bolt 2 15.70, No./ terminals 4

Alternative no.: 333164


234841 Solenoid

Replacing: 0331402026

Servicing: 0001360055, 0001368026, 0001368027, 0001368051, B001816076, B001816080, B001816338

24 V, B+ M8, Kl. 50 6.30, ID/ cover 30.00, OD 61.00, OD/ cover 53.25, Total length 168.00, Height/ B+ 21.60, Width/ kl. 50 12.85, Coil bolt M10, Coil bolt 2 18.75, No./ terminals 3


235275 Solenoid

Replacing: 0331303054

Servicing: 0001219007, 0001219010, 0001219013, 0001219014, 0001219015, 0001316005, 9000332401, B001328011

 24 V, No./ terminals 4
Insulated return.

Alternative no.: 333139


235807 Solenoid

Replacing: 2339402168, 2339402133

Servicing: 0001231005

24 V, B+ 18.55, Kl. 50 M4, OD 61.75, OD/ cover 53.80, Total length 170.00, Height/ B+ M10, Width/ kl. 50 15.00, Coil bolt M10, Coil bolt 2 16.00, No./ terminals 3

Alternative no.: 333541


235881 Solenoid

Replacing: 2339402145

Servicing: 0001363122

24 V, B+ M10, Kl. 50 M5, OD 61.75, OD/ cover 53.88, Total length 173.80, Height/ B+ 30.00, Width/ kl. 50 15.00, No./ terminals 3


236081 Solenoid

Replacing: 2339450014

Servicing: 0001417075, 0001417076

 24 V, Total length 91.60
Insulated return.

237753 Solenoid

Replacing: 2339402220, 23309402230

Servicing: 0001241001, 0001241003, 0001241007, 0001241014, 0001241019, 0001241119, 0001261001, 0001261002, F002G20786

24 V, B+ M10, Kl. 15a M6, Kl. 50 M6, OD 61.50, Total length 129.50, Height/ B+ 27.70, Width/ kl. 15a 45.00, Width/ kl. 50 15.00, No./ terminals 4

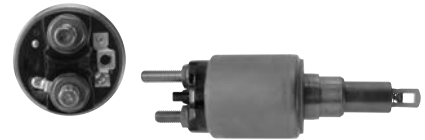
Alternative no.: 333478


238847 Solenoid

Replacing: 2339402187

Servicing: 0001231033

24 V, B+ M10, Kl. 50 M6, OD 61.55, OD/ cover 59.19, Total length 172.30, Switch dim. 2.74, Height/ B+ 19.45, Coil bolt M10, Coil bolt 2 8.78, No./ terminals 3


330254 Solenoid

Replacing: 2339402225

Servicing: 0001241006, 0001241015, 0001241020

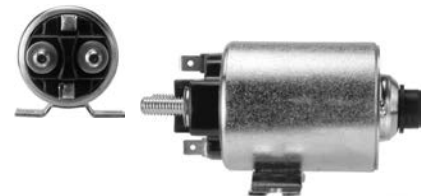
24 V, B+ M10, Kl. 50 M6, OD 61.65, OD/ cover 59.24, Total length 208.30, Switch dim. 4.06, Height/ B+ 30.00, Coil bolt M10, Coil bolt 2 20.34, No./ terminals 3


330795 Solenoid

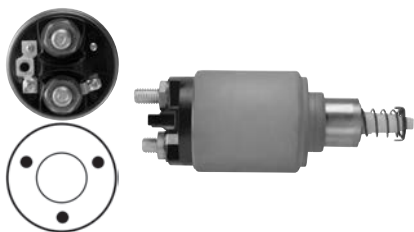
Replacing: 2339402196

Servicing: 0001231041

24 V, B+ M10, Kl. 50 M6, OD 61.80, Total length 170.00, Height/ B+ 20.06, Width/ kl. 50 10.04, Coil bolt M10, Coil bolt 2 9.28, No./ terminals 3


333017 Solenoid

24 V, 100 Amp, B+ M8, Kl. 15a 6.30, Kl. 50 6.30, OD 52.07, Total length 109.40, Height/ B+ 15.00, Width/ kl. 15a 30.00, No./ terminals 4


333138 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339402161, 2339402120, 0331402510, 0331402201, 0331402010

Servicing: 0001231003, 0001360022, 0001360052, 0001360065, 0001362027, 0001366014, 0001368035, 0001368300, 0001368309, 9000083065

 24 V, B+ M10, Kl. 30h M10, Kl. 50 M6S, ID/ cover 30.00, OD 60.90, OD/ cover 53.35, Total length 173.00, Height/ B+ 23.95, Width/ kl. 30h 16.75, Width/ kl. 50 12.82, Coil bolt M10, Coil bolt 2 18.00, No./ terminals 3
 Cap: HC-CARGO 133447.

Alternative no.: 130303


333139# 5★ Solenoid

Manufacturer: Bosch

Replacing: 0331303054

24 V, OD 56.00, Total length 87.00, No./ terminals 4

Alternative no.: 235275


333140 5★ Solenoid

Manufacturer: Bosch

Replacing: 0331402706, 0331402206, 0331402057, 0331402053, 0331402051

Servicing: 0001360026, 0001360035, 0001360038, 0001360043, 0001360050, 0001360058, 0001360061, 0001360063, 0001363101, 0001363111

 24 V, B+ M10, Kl. 50 M4, ID/ cover 29.90, OD 60.80, OD/ cover 53.15, Total length 165.60, Height/ B+ 23.90, Width/ kl. 50 2.00, Coil bolt M10, Coil bolt 2 17.00, No./ terminals 3
 Cap: HC-CARGO 131318.

Alternative no.: 130939


333143 5★ Solenoid

Manufacturer: Bosch

Replacing: 9330142504, 9330142004, 9330081042, 0331402708, 0331402505, 0331402208, 0331402044, 0331402005

Servicing: 0001360023, 0001368018, 0001368030, 0001368081, 0001368310, 9000143501

 24 V, B+ M10, ID/ cover 30.00, OD 60.90, OD/ cover 53.15, Total length 182.30, Height/ B+ 23.30, Width/ kl. 50 2.25, Coil bolt M10, Coil bolt 2 16.30, No./ terminals 3
 Cap: HC-CARGO 131318. Rubber boot: HC-CARGO 135576.

Alternative no.: 131053


333151 5★ Solenoid

Manufacturer: Bosch

Replacing: 9330081045, 0331402531, 0331402036, 0331402031

24 V, B+ M10, Kl. 50 4.70, ID/ cover 29.80, OD 61.00, OD/ cover 53.35,

 Total length 161.85, Height/ B+ 21.90, Width/ kl. 50 3.70, Coil bolt M10, Coil bolt 2 15.75, No./ terminals 3
 Cap: HC-CARGO 131318.

Alternative no.: 132254


333152 5★ Solenoid

Manufacturer: Bosch

Replacing: 0333009013, 0333009002

 24 V, 150 Amp, Intermittent load 800 Amp., B+ M8, OD 51.50, OD/ cover 43.55, Total length 100.55, Height/ B+ 17.85, Coil bolt M8, Coil bolt 2 17.85, Seconds 5, No./ terminals 4
 Silver contact. Insulated return.

Alternative no.: 131372


333154 5★ Solenoid

Manufacturer: Bosch

Replacing: 0331101009, 0331100016

Servicing: 0001410044, 0001410046, 0001410053, 0001410063, 0001410065, 0001410067, 0001410098, 0001410111, 0001410115, 0001410116

24 V, OD 69.30, Total length 91.90

Alternative no.: 133554


333155 5★ Solenoid

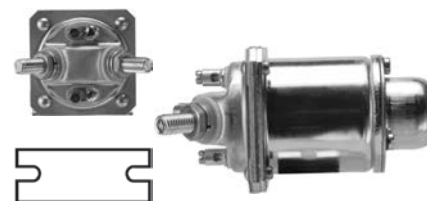
Manufacturer: Bosch

Replacing: 2339450012, 2007022001, 0331450005, 0331450004, 0331450001, 0330105001

Servicing: 0001410015, 0001410016, 0001410017, 0001410022, 0001410024, 0001410034, 0001410041, 0001410045, 0001410046, 0001410053

24 V, B+ Cable, OD 95.25, Total length 93.30

Alternative no.: 130304

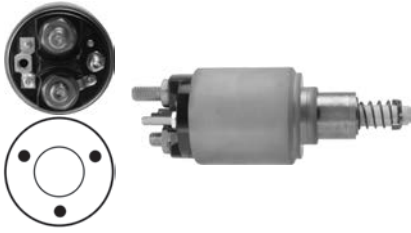

333156 5★ Solenoid

Manufacturer: Bosch

Replacing: 0333006006

 24 V, 80 Amp, Intermittent load 500 Amp., B+ M8, OD 51.70, OD/ cover 43.45, Total length 99.60, Height/ B+ 17.35, Coil bolt M8, Coil bolt 2 17.35, Seconds 5, No./ terminals 4
 Silver contact. Insulated return.

Alternative no.: 131371


333158 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339402180, 2339402156, 2339402117

Servicing: 0001410037

24 V, B+ M10, Kl. 15a M6, Kl. 50 M6, OD 61.60, Total length 148.50, Height/ B+ 17.50, Width/ kl. 15a 17.50, Coil bolt M10, Coil bolt 2 12.00, No./ terminals 4

Cap: HC-CARGO 230278.

Alternative no.: 230904


333159 5★ Solenoid

Manufacturer: Bosch

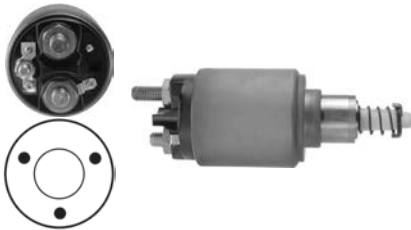
Replacing: 2339450013, 0331450002

Servicing: 0001410098, 0001411005, 0001411021, 0001417061, 0001417076

24 V, B+ Cable, OD 94.00, Total length 111.30

Insulated return.

Alternative no.: 130305


333161 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339402157, 2339402136

Servicing: 0001231004, 0001231012, 0001231014

24 V, B+ M10, Kl. 50 M6, ID/ cover 46.00, OD 61.60, OD/ cover 59.00, Total length 153.30, Height/ B+ 16.80, Width/ kl. 50 10.50, Coil bolt M10, Coil bolt 2 11.70, No./ terminals 3

Cap: HC-CARGO 232195.

Alternative no.: 233852


333162 5★ Solenoid

Manufacturer: Bosch

Replacing: 0331101008, 0331101005, 0331100025, 0331100021, 0331100019, 0331100009

Servicing: 0001410024, 0001410037, 0001410068, 0001410088, 0001411009, 0001411013, 0001414011, 0001416028, 0001416044, 0001417043

24 V, B+ Cable, OD 85.50, Total length 93.65

Insulated return.

Alternative no.: 130283


333164 5★ Solenoid

Manufacturer: Bosch

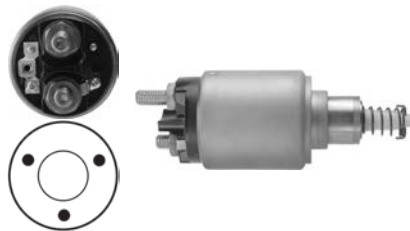
Replacing: 2339402185, 2339402173, 2339402155

Servicing: 0001231016

24 V, B+ M10, Kl. 50 M6, ID/ cover 29.95, OD 61.40, OD/ cover 55.85,

Total length 180.00, Height/ B+ 34.70, Width/ kl. 15a 3.55, Width/ kl. 50 21.65, Coil bolt M10, Coil bolt 2 15.70, No./ terminals 4

Alternative no.: 234129


333165 5★ Solenoid

Manufacturer: Bosch

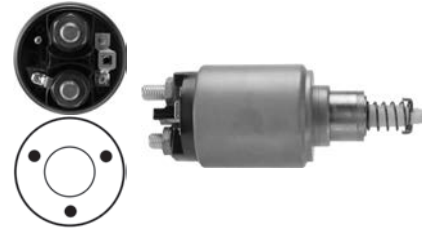
Replacing: 2339402190, 2339402189, 2339402182, 2339402167, 2339402160, 2339402139, 2339402116

Servicing: 0001231007, 0001231008, 0001231009, 0001231011, 0001231017, 0001231019, 0001231029, 0001231030, 0001231045

24 V, B+ 20.60, Kl. 50 M10/16.40, ID/ cover 3.50, OD 62.00, OD/ cover 58.80, Total length 153.00, Height/ B+ 20.60, Width/ kl. 50 M10/16.40, No./ terminals 3

Cap: HC-CARGO 232195.

Alternative no.: 231711


333167 5★ Solenoid

Manufacturer: Bosch

Replacing: 0331402537, 0331402515, 0331402037, 0331402015

Servicing: 0001368020

24 V, B+ M10, ID/ cover 30.10, OD 61.20, OD/ cover 53.00, Total length 171.65, Height/ B+ 24.60, Width/ kl. 50 2.20, Coil bolt M10, Coil bolt 2 16.35, No./ terminals 3

Cap: HC-CARGO 131317.

Alternative no.: 132361


333169 5★ Solenoid

Manufacturer: Bosch

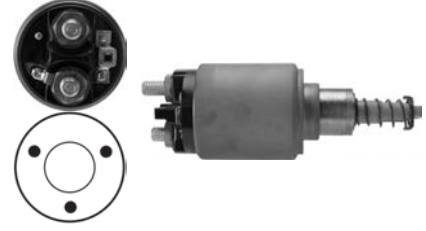
Replacing: 0331402508, 0331402177, 0331402171, 0331402054, 0331402008

24 V, B+ M10, Kl. 30h M10, Kl. 50 M4S, ID/ cover 30.00, OD 61.00, OD/ cover 53.65, Total length 178.00,

Height/ B+ 26.00, Width/ kl. 30h 16.45, Width/ kl. 50 5.30, Coil bolt M10, Coil bolt 2 20.75, No./ terminals 3

Cap: HC-CARGO 131318.

Alternative no.: 132363


333170 5★ Solenoid

Manufacturer: Bosch

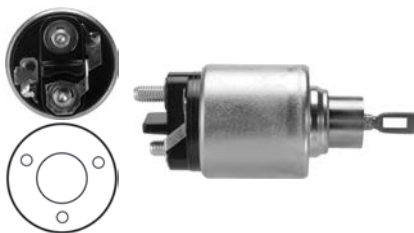
Replacing: 0331402055, 0331402021

Servicing: 0001364104, 0001364200, 0001364203, 0001364206, 0001364301, 0001364400, 0001364402

24 V, B+ M10, Kl. 30h M10, Kl. 50 M4S, ID/ cover 30.00, OD 60.85, OD/ cover 53.25, Total length 175.90, Height/ B+ 23.35, Width/ kl. 30h 16.45, Width/ kl. 50 2.55, Coil bolt M10, Coil bolt 2 17.10, No./ terminals 3

Cap: HC-CARGO 131317.

Alternative no.: 132362


333242 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339304037

Servicing: 0001109046

 12 V, B+ M8, Kl. 50 Plug, OD 33.05,
 Total length 123.00, Height/ B+ 14.45,
 Width/ kl. 50 30.00

333391 Solenoid

Replacing: 2339402362

 Servicing: 0001261001, 0001261002,
 0001261003, 0001261004, 0001261005,
 0001261006, 0001261025, 0001261026

 24 V, B+ M10, Kl. 15a M6,
 OD 61.60, OD/ cover 53.75,
 Total length 200.30, No./ terminals 4

333393 Solenoid

Replacing: 2339402195

Servicing: 0001231040

 24 V, B+ M10, OD 61.50,
 OD/ cover 53.87, Total length 189.50,
 Height/ B+ 35.05, Coil bolt M10,
 No./ terminals 3

333478 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339402220, 23309402230

24 V, No./ terminals 4

Alternative no.: 237753


333483 5★ Solenoid

Manufacturer: Bosch

Replacing: 0333009018

24 V

Alternative no.: 333628


333484 5★ Solenoid

Manufacturer: Bosch

Replacing: 0333009005

24 V

Alternative no.: 333623


333485 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339402235, 2339402221

 24 V, B+ M10, Kl. 15a M6, Kl. 50 M6,
 OD 61.50, OD/ cover 53.60,
 Total length 202.00, Coil bolt M10,
 No./ terminals 4

Alternative no.: 239102


333486 5★ Solenoid

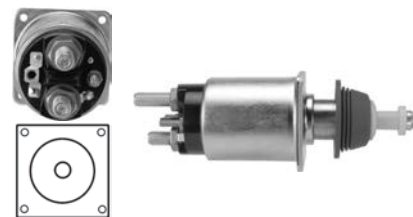
Manufacturer: Bosch

Replacing: 2339402186

Servicing: 0001231034, 0001231035

 24 V, B+ M8, Kl. 50 M5, OD 61.50,
 OD/ cover 54.00, Total length 189.00,
 Height/ B+ 35.40, Width/ kl. 50 15.00,
 No./ terminals 3

Alternative no.: 333617


333529 5★ Solenoid

Manufacturer: Bosch

 Replacing: 2339403509, 2339403014,
 2339403009

 Servicing: 0001371010, 0001371013,
 0001372002, 0001372003

 24 V, B+ M12, Kl. 50 M6, OD 65.75,
 OD/ cover 57.30, Total length 199.00,
 Height/ B+ 38.00, Width/ kl. 15a 21.00,
 Width/ kl. 50 21.00, Coil bolt M12,
 Coil bolt 2 26.00, No./ terminals 4
 Cap: HC-CARGO 235005. Boot: HC-CARGO
 231553.

Alternative no.: 139965


333530 5★ Solenoid

Manufacturer: Bosch

Replacing: 6033AD5256, 2339402222

 Servicing: 0001241005, 0001241009,
 0001241021, 0001330005

24 V

Alternative no.: 333626


333532 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339402230

 Servicing: 0001241001, 0001241016,
 0001261016, 0001261022, 0399504011

24 V

Alternative no.: 333619


333541 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339402168, 2339402133

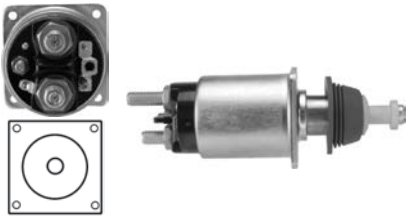
Servicing: 0001231005

24 V, B+ M10, Kl. 50 M4,

OD 61.55, OD/ cover 53.80,

Total length 170.00, No./ terminals 3

Alternative no.: 235807


333600 5★ Solenoid

Manufacturer: Bosch

Replacing: 2339403010, 2339403008,

0331403004, 0331403003

Servicing: 0001371019, 0001372001,

0001372005, 0001372006

24 V, B+ M12, Kl. 50 M6,

ID/ cover 32.00, OD 66.00,

OD/ cover 56.30, Total length 184.85,

Height/ B+ 33.40, Width/ kl. 50 18.20,

Coil bolt M12, No./ terminals 4

Alternative no.: 139967

Safety Switches
12 Volt

333314 Safety switch

Replacing: 6033AD6160

24 V, OD 32.85, OD/ cover 36.30,

Total length 66.00, No./ terminals 4

24 Volt

230386 Safety Switch

Replacing: 1337210728, 1337210726

Servicing: 0001371010, 0001371013,
 0001371015, 0001371016, 0001371018,
 0001371019, 0001372001, 0001372002,
 0001372003, 0001372006

24 V, OD 33.65, OD/ cover 31.45,
 Total length 51.80

Alternative no.: 333281 5★

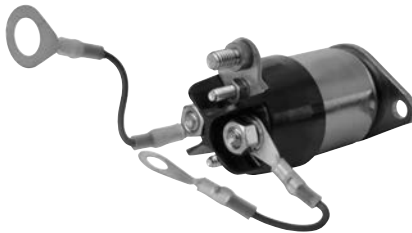

231267 Safety Switch

Replacing: 6033ad0440, 6033ad0086

Servicing: 0001231002, 0001231016,
 0001231032, 0001231046, 0001231146,
 B001260015

24 V, OD 33.75

Alternative no.: 333282 5★


238849 Safety switch

Replacing: 6033AD3216

Servicing: 0001231033, 0001263016,
 0001263049, 0001263050

24 V, OD 33.00, Total length 65.15,
 No./ terminals 4


239094 Safety Switch

Replacing: 6033AD6153, 6033AD5255,
 6033AD5138

Servicing: 0001241001, 0001241003,
 0001241007, 0001241014, 0001241019,
 0001241119, 0001261001, 0001261002,
 0001330008, F002G20786

24 V, OD 33.00, Total length 65.00,
 No./ terminals 4


330256 5★ Safety switch

Manufacturer: Bosch

Replacing: 6033AD5254, 333238,
 0333006026

Servicing: 0001231036, 0001231040,
 0001241015, 0001241020, 0001261007,
 0001261008, 0001261011, 0001261014,
 0001261021

24 V, Kl. 50 Plug, OD 33.20,
 OD/ cover 36.20,

Total length 74.70, No./ terminals 2


331586 Safety switch

Replacing: 1337210731

Servicing: 0001372005

24 V, OD 33.80, OD/ cover 31.50,

Total length 52.50, No./ terminals 2


333281 5★ Safety switch

Manufacturer: Bosch

Replacing: 1337210728, 1337210726

Servicing: 0001372002, 0001372003, 0001372007, 0001372008, B001860021, B001860023

24 V, OD 33.65, OD/ cover 31.45,

Total length 51.80

Alternative no.: 230386


333282 5★ Safety switch

Manufacturer: Bosch

Replacing: 6033ad0440, 6033ad0086

24 V, OD 33.75, Total length 52.00

Alternative no.: 231267


333343 Safety Switch

Replacing: 6033AD4139

Servicing: 0001231034, 0001231035

24 V, OD 33.30, OD/ cover 36.30,

Total length 75.60, No./ terminals 5


333578 5★ Safety Switch

Manufacturer: Bosch

Replacing: 0333006025

Servicing: 0001340501, 0001340502, 0001340503, 0001340504, 0001340505, 000134BB01, 000134BH01, 000134F203, 000134F703, 000134F801

24 V

Alternative no.: 333624

Solenoid Parts
Solenoid Caps

Pkg. 5


130479 Solenoid Cap

Replacing: 1330516050, 1330516037

Servicing: 0001155009, 0001155010, 0001155016, 0001155017, 0001157001, 0001157002, 0001157003, 0001157004, 0001157009, 0001157010

No./ terminals 4

HC-CARGO 130294, 130471, 131790, 131790, 131794, 133636, 136544, 234857.

Pkg. 5


131315 Solenoid Cap

Servicing: 0001107005, 0001107006, 0001107009, 0001107012, 0001107013, 0001108011, 0001108024, 0001108031, 0001108043, 0001108053

 No./ terminals 3, Bracket type Crimp
 HC-CARGO 131143, 131308, 131793, 132260, 132263, 132265, 134378, 135583, 139017, 139018, 232186, 232419.

131316 Solenoid Cap

Servicing: 0001360023, 0331401001, 0331401002, 0331401003, 0331401011, 0331401014, 0331401017, 0331401026, 0331401030

No./ terminals 3, Bracket type Crimp


131317 Solenoid Cap

Servicing: 0001358020, 0001358046, 0001358047, 0001358049, 0001358200, 0001358201, 0001358202, 0001359049, 0001359073, 0001359106

 No./ terminals 3, Bracket type Crimp
 HC-CARGO 130296, 130302, 132252, 132253, 132361, 132362, 133398, 137232.

Pkg. 5


131318 Solenoid Cap

Replacing: 1330516712

Servicing: 0001157008, 0001231007, 0001231008, 0001231009, 0001231014, 0001231017, 0001231029, 0001358051, 0001359008, 0001359012

 No./ terminals 3, Bracket type Crimp
 HC-CARGO 130297, 130299, 130300, 130301, 130477, 130806, 130939, 131053, 131141, 132254, 132255, 132363, 137368.

131319 Solenoid Cap

Servicing: 0001359082, 0001359110, 0001362060, 0001362067, 0001367006, 0001367055, 0001367056, 0001369023, 2339402113, 2339402115

 No./ terminals 3, Bracket type Crimp
 HC-CARGO 131142, 231801, 234859.

Pkg. 5



131334 Solenoid Cap

Replacing: 1330516023

Servicing: 0001108154

No./ terminals 4

HC-CARGO 130293, 135878.

Pkg. 5



131335 Solenoid Cap

Replacing: 1330516034, 1330516033, 1330516032

Servicing: 0001108031, 0001157021, 0001207001, 0001207005, 0001207016, 0001207017, 0001207018, 0001207019, 0001208032, 0001208233

No./ terminals 3

HC-CARGO 130468, 134823, 135871, 136025.

Pkg. 5



131337 Solenoid Cap

Replacing: 1330516062

Servicing: 0001106001, 0001106002, 0001107003, 0001107004, 0001107007, 0001107008, 0001108001, 0001108002, 0001108005, 0001108006

No./ terminals 4, Bracket type Crimp
HC-CARGO 130474, 131586, 132828.

Pkg. 5



131338 Solenoid Cap

Replacing: 1330516072

Servicing: 0001108021, 0001108098, 0001108122, 0001110113, 0001208200, 0001208201, 0001208208, 0001208216, 0001208217, 0001211218

No./ terminals 4, Bracket type Crimp
HC-CARGO 130476.



131345 Solenoid Cap

Servicing: 0001108080, 0001157022, 0001208019, 0001208020, 0001208027, 0001208028, 0001208030, 0001208031, 0001208040, 0001208041

No./ terminals 4

HC-CARGO 130470, 132890.

Pkg. 5

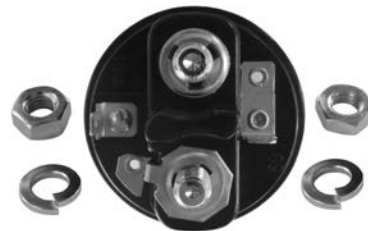


131847 Solenoid Cap

Servicing: 0001108004, 0001108019, 0001108033, 0001208172, 0001208219, 0001208220, 0001208223, 0001208232, 0001208409, 0001208423

No./ terminals 4, Bracket type Crimp
HC-CARGO 130475.

Pkg. 5



132279 Solenoid Cap

Servicing: 0001108025, 0001108030, 0001108038, 0001108061, 0001108062, 0001108088, 0001108089, 0001108090, 0001108091, 0001108092

No./ terminals 4, Bracket type Crimp
HC-CARGO 131791.



132300 Solenoid Cap

Servicing: 0001108040, 0001108057, 0001108071, 0001108082, 0001108111, 0001108152, 0001112020, 0001114008, 0001114017, 0001208520

No./ terminals 3, Bracket type Crimp
HC-CARGO 132299, 133419.



132677 Solenoid Cap

Servicing: 0331402012

No./ terminals 4, Bracket type Crimp



132723 Solenoid Cap

Servicing: 9339331008

No./ terminals 4
HC-CARGO 132272.

Pkg. 5


132778 Solenoid Cap

Servicing: 0001208009, 0001208026,
 0001208056, 0001208058, 0001208060,
 0001208061, 0001208405, 0001211204,
 0001211205, 0001211209

No./ terminals 4

 HC-CARGO 133141, 133642, 134275, 135358,
 230322.

Pkg. 5


132779 Solenoid Cap

Servicing: 0001108023, 0001108051,
 0001108075, 0001108143, 0001108180,
 0001108182, 0001110003, 0001110026,
 0001110089, 0001110095

No./ terminals 3, Bracket type Crimp

 HC-CARGO 133422, 135526, 136369, 136717,
 136779.

Pkg. 5


132780 Solenoid Cap

Servicing: 0001108003, 0001108032,
 0001108046, 0001108066, 0001108068,
 0001108069, 0001108103, 0001108104,
 0001108124, 0001108134

No./ terminals 4, Bracket type Crimp

 HC-CARGO 132258, 133644, 135065, 138257,
 139068.

Pkg. 5


132781 Solenoid Cap

Servicing: 0001311105, 0001311106,
 0001311124, 0331302056, 0331302084,
 0331302094

No./ terminals 4

HC-CARGO 133643, 234858.


133148 Solenoid Cap

Replacing: 1330516225

Servicing: 0001110009, 0001110010,
 0001208425, 0001208426, 0001208428,
 0001208429, 0001211251, 0001211252,
 0001211253, 0001211254

No./ terminals 3, Bracket type Crimp

HC-CARGO 133421, 134376.


133157 Solenoid Cap

Servicing: 0331401004, 0331401007,
 0331401022, 0331401025, 0331401029,
 0331401033

No./ terminals 3, Bracket type Crimp

HC-CARGO 133096.


133159 Solenoid Cap

Servicing: 0001362005, 0001362006,
 0001362044, 0001362045, 0001362081,
 0001362602, 0001362603, 0001362606,
 0001362607, 0331401028

No./ terminals 3, Bracket type Crimp

HC-CARGO 131189.

133202 Solenoid Cap

Replacing: 1330516209

Servicing: 0331303023, 0331303034,
 0331303045

No./ terminals 3, Bracket type Crimp

HC-CARGO 132261, 132827.

Pkg. 5


133447 Solenoid Cap

Servicing: 0001231003, 0001359084,
 0001359111, 0001360022, 0001360037,
 0001360052, 0001360065, 0001367010,
 0001367034, 0001367039

No./ terminals 3, Bracket type Crimp

HC-CARGO 130303, 131042, 233734.

Pkg. 5


133473# Solenoid Cap

Servicing: 0331402089

No./ terminals 4, Bracket type Crimp

HC-CARGO 133472.

Pkg. 5


133777 Solenoid Cap

Servicing: 0331302001, 0331302002,
 0331302006, 0331302009, 0331302020,
 0331302060, 0331302072

No./ terminals 3

HC-CARGO 133428.



134383 Solenoid Cap

Servicing: 0331401008, 0331401009, 0331401016

No./ terminals 3, Bracket type Crimp
HC-CARGO 137443.

Pkg. 5



134825 Solenoid Cap

Replacing: 1330516306

Servicing: 0001107020, 0001107021, 0001107022, 0001107023, 0001107025, 0001107026, 0001107052, 0001107053, 0001107094, 0001107095

No./ terminals 3, Bracket type Crimp

Pkg. 5



134844 Solenoid Cap

Servicing: 0001359119, 0001362016, 0001362041, 0001362071, 0001366001, 0001367005, 0001367049

No./ terminals 3, Bracket type Crimp



136108 Solenoid Cap

Servicing: 0001110042, 0001110071, 0001110072, 0001110110, 0001218171, 0331303117

No./ terminals 4, Bracket type Crimp
HC-CARGO 136036, 136615.



137349 Solenoid Cap

Servicing: 0001106011, 0001106016, 0001107016, 0001107041, 0001107043, 0001107059, 0001107062, 0001107082, 0001107087, 0001107407

No./ terminals 3, Bracket type Crimp
HC-CARGO 138763, 138877.



137706 Solenoid Cap

Servicing: 0001108052, 0001108056, 0001108154, 0331303106, 0331303107

No./ terminals 3, Bracket type Crimp
HC-CARGO 136370, 137693.



137815 Solenoid Cap

Servicing: 0001108113, 0001108114, 0001108174, 0001108175, 0001108220, 0001108221, 0001109021, 0001109022, 0001109066, 0001109067

No./ terminals 3, Bracket type Crimp
HC-CARGO 136852, 233716.



137876 Solenoid Cap

Servicing: 0331303020, 0331303108, 0331303520

No./ terminals 3, Bracket type Crimp
HC-CARGO 137826.

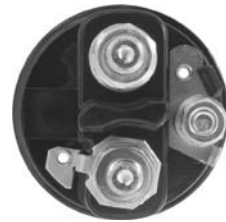


138003 Solenoid Cap

Servicing: 0001107010, 0001107034, 0001107038, 0001107056, 0001107092, 0001107093, 0001107100, 0001107101, 0001107108, 0001108123

No./ terminals 3, Bracket type Crimp
HC-CARGO 137175, 137266, 137613, 137951.

Pkg. 5



138004 Solenoid Cap

Servicing: 0001107011, 0001107014, 0001107015, 0001107027, 0001107028, 0001107031, 0001107039, 0001107044, 0001107049, 0001107066

No./ terminals 3, Bracket type Crimp
HC-CARGO 133424, 137696, 139498, 139549, 230323, 230324, 230431, 230847.

Pkg. 5

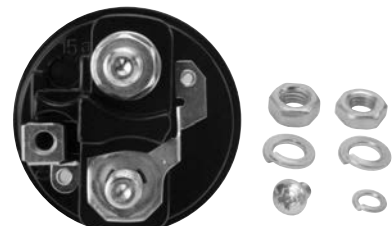


138006 Solenoid Cap

Servicing: 0001107033, 0001108070, 0001108105, 0001108129, 0001108135, 0331303137, 2339303208

No./ terminals 3, Bracket type Crimp
HC-CARGO 138005.

Pkg. 5



138926 Solenoid Cap

Servicing: 0001208209, 0001208227, 0331303022, 0331303522, 9000142001

No./ terminals 3, Bracket type Crimp
HC-CARGO 139212.

Pkg. 5

Pkg. 5


139211# Solenoid Cap

Servicing: 0331303098, 2339303281

 No./ terminals 4, Bracket type Crimp
 HC-CARGO 139210.

Pkg. 5


139213 Solenoid Cap

 Servicing: 0001110039, 0001110053,
 0001218172, 0001218772, 0001223002,
 0331303017, 0331303115, 2339303261,
 9330331000, B001117050

 No./ terminals 3, Bracket type Crimp
 HC-CARGO 136371, 137276.

139525 Solenoid Cap

 Servicing: 0001108074, 0001108112,
 0001108125, 0001108128, 0001108186,
 0001112019, 0001112029, 0331303143,
 2339303322, B001111390

 No./ terminals 3, Bracket type Crimp
 HC-CARGO 137490, 234434.

139597 Solenoid Cap

 Servicing: 0001107030, 0001107075,
 0001107079, 0001107088, 0001109034,
 0001110132, 0001218166, 2339303202,
 2339303294, 2339303306

 No./ terminals 3, Bracket type Crimp
 HC-CARGO 139069, 139500.

139598 Solenoid Cap

 Servicing: 0001107017, 0001107018,
 0001107054, 0001107055, 0001107068,
 0001107069, 0001107073, 0001107074,
 0331303162, 0331303662

 No./ terminals 4, Bracket type Crimp
 HC-CARGO 137982, 233480.

230087 Solenoid Cap

Servicing: 2339403010

 No./ terminals 3, Bracket type Crimp
 HC-CARGO 139967.

230278 Solenoid Cap

Servicing: 2339402117, 2339402156

 No./ terminals 4, Bracket type Crimp
 HC-CARGO 230904.

231558 Solenoid Cap

 Servicing: 0001107442, 0001107443,
 0001108157, 0001108196, 0001109025,
 0001109200, 0001109201, 2339304005,
 2339304009, B001111498

 No./ terminals 4, Bracket type Crimp
 HC-CARGO 137879.

231565 Solenoid Cap

 Servicing: 0001218157, 0001223001,
 0001223014, 9330331001

 No./ terminals 3, Bracket type Crimp
 HC-CARGO 137491.

231802 Solenoid Cap

 Servicing: 0001106014, 0001107067,
 0001107076, 0001107078, 0001108166,
 0001108167, 0001108173, 0001115002,
 0001116001, 2339304007

 No./ terminals 3, Bracket type Crimp
 HC-CARGO 139075.

Pkg. 5


231815 Solenoid Cap

Servicing: 0001107047, 2339304003

 No./ terminals 3, Bracket type Crimp
 HC-CARGO 139019.

231825 Solenoid Cap

 Servicing: 0001230002, 0001230006,
 0001230012, 0001230014, 0001231011,
 2339402132

 No./ terminals 3, Bracket type Crimp
 HC-CARGO 230452.



231828 Solenoid Cap

Servicing: 0001107063, 0001108176, 0001108183, 0001109026, 2339304011
No./ terminals 3, Bracket type Crimp
HC-CARGO 230115.



231882 Solenoid Cap

Servicing: 0001107077, 0001107098, 0001107408, 0001113006, 0001116005, 2339304022, 2339304024
No./ terminals 3, Bracket type Crimp
HC-CARGO 230258, 232191.

Pkg. 5



232024 Solenoid Cap

Servicing: 0001369015, 0331402106, 0331402606
No./ terminals 4, Bracket type Crimp
HC-CARGO 138313.



232195 Solenoid Cap

Servicing: 0001231004, 0001231007, 0001231008, 0001231009, 0001231011, 0001231019, 0001231029, 0001231030, 2339402116, 2339402139
No./ terminals 3, Bracket type Crimp
HC-CARGO 231711, 233582, 233852.



232416 Solenoid Cap

Servicing: 2339303212
No./ terminals 3, Bracket type Crimp
HC-CARGO 137877.



232421 Solenoid Cap

Servicing: 0331303144, 0331303644
No./ terminals 3, Bracket type Crimp
HC-CARGO 232420.



233075 Solenoid Cap

Servicing: 0001106018, 0001106019, 0001107037, 0001107048, 0001107072, 0001107096, 0001107403, 0001107406, 0001107429, 0001107437
No./ terminals 3, Bracket type Crimp
HC-CARGO 230356.



233499 Solenoid Cap

Servicing: 6004AA0018, 9007045018
No./ terminals 3, Bracket type Crimp



233925 Solenoid Cap

Servicing: 0001108197, 0001115005, 0001115015, 0001115020, 2339303267, 2339303335, B001115020
No./ terminals 3, Bracket type Crimp
HC-CARGO 230635.



234437 Solenoid Cap

Servicing: 2339304020
No./ terminals 3, Bracket type Crimp
HC-CARGO 230848.



234438 Solenoid Cap

Servicing: 0001106012, 0001106017, 0001106022, 0001106023, 0001106024, 2339304033, 2339304054, B001109104
No./ terminals 3, Bracket type Crimp
HC-CARGO 232188.

Pkg. 5



234439 Solenoid Cap

Servicing: 2339304055
No./ terminals 3, Bracket type Crimp
HC-CARGO 231203.


234845 Solenoid Cap

Servicing: 0001108162, 0001112041, 0001116003, 2339304008, F000SH0125, F000SH0131

No./ terminals 3, Bracket type Crimp
HC-CARGO 137612.


234917 Solenoid Cap

Servicing: 0001371006, 2339403006

No./ terminals 3, Bracket type Crimp
HC-CARGO 138311.


235005 Solenoid Cap

Servicing: 0001372002, 0001372003, 0001372007, 0001372008, 2339304009, B001860021, B001860023

No./ terminals 4, Bracket type Crimp
HC-CARGO 139965.


236646 Solenoid Cap

No./ terminals 3

Moving Contacts

Pkg. 5


131591 Contact Plate

Length 30.00, Thickness 2.00,
Width 15.00

Pkg. 5


131592 Contact Plate

Length 35.00, Thickness 4.00,
Width 18.00

Pkg. 5


131594 Moving Contact

Length 31.60, Shaft measurement 31.60,
Thickness 2.00, Width 15.00

Pkg. 5


131595 Moving Contact

Length 39.50, Shaft measurement 31.60,
Thickness 4.00, Width 18.00
Alternative no.: b131595

Pkg. 5


132275 Moving Contact

Shaft measurement 32.10, Thickness 3.90
Alternative no.: b132275

Pkg. 5


132276 Moving Contact

Servicing: 0001109305, 2339304033,
2339304054

Length 36.00, Shaft measurement 31.60,
Thickness 2.00, Width 15.00
Alternative no.: b132276

Pkg. 5


132277 Moving Contact

Shaft measurement 32.10, Thickness 2.50

Pkg. 5


132281 Moving Contact

Length 36.00, Shaft measurement 31.50,
Thickness 3.00, Width 15.00



Pkg. 5

133503 Contact Plate

Servicing: 0331402031, 0331402054, 0331402089

Length 39.50, Thickness 4.00, Width 18.00



136034 Contact Kit

Servicing: 0001231014, 0331402055

Length 39.20, Shaft measurement 52.80, Thickness 4.00, Width 17.70

Pkg. 5



231384 Moving Contact

Servicing: 0001371004, 0001371006, 0001372002, 0001372003, 0001372007, 0001372008, B001860021, B001860023

Shaft measurement 52.00, Thickness 5.00

Pkg. 5



231821 Moving Contact

Servicing: 0331402106, 2339402115, 2339402117

Length 42.50, Shaft measurement 42.50



Pkg. 5

233786 Moving Contact

Servicing: 2339304038, 2339305002

Shaft measurement 30.30, Thickness 4.05

Pkg. 5



235538 Moving Contact

Length 36.00, Shaft measurement 31.60, Thickness 2.00, Width 15.00
Silver plated.

Alternative no.: b235538

Pkg. 75



B131595 Moving Contact

Replacing: 131595

Shaft measurement 32.05, Thickness 3.91
Alternative no.: 131595

Pkg. 75



B132275 Moving Contact

Replacing: 132275

Shaft measurement 32.13, Thickness 3.93
Alternative no.: 132275



Pkg. 100

B132276 Moving Contact

Replacing: 132276

Servicing: 0001121019, 0001121024

Length 36.00, Shaft measurement 31.60, Thickness 2.00, Width 15.00
Alternative no.: 132276

Fixed Contacts

Pkg. 10



133568 Fixed Contact

Total length 20.50, Length/ rear collar 16.55, Thread length 11.00, Thread size M8

Pkg. 10



133569 Fixed Contact

Total length 30.50, Length/ rear collar 26.00, Thread length 22.00, Thread size M8

Pkg. 10



133570 Fixed Contact

Total length 33.00, Length/ rear collar 27.40, Thread length 25.15, Thread size M10
Alternative no.: b133570

Pkg. 10



133571 Fixed Contact
 Total length 41.00,
 Length/ rear collar 35.00,
 Thread length 32.30, Thread size M10
 Alternative no.: b133571

Pkg. 50



133572 Fixed Contact
 Total length 36.00,
 Length/ rear collar 34.30,
 Thread length 28.25, Thread size M8

Pkg. 10



133573 Fixed Contact
 Total length 25.95,
 Length/ rear collar 20.45,
 Thread length 17.60, Thread size M8
 Alternative no.: b133573

Pkg. 10



133575 Fixed Contact
 Total length 36.00, Thread size M8
 Alternative no.: b133575

Pkg. 10



134141 Fixed Contact
 Total length 50.60,
 Length/ rear collar 45.30,
 Thread length 41.00, Thread size M8
 Alternative no.: b134141



136460 Fixed Contact Kit
 Total length 46.15,
 Length/ rear collar 42.00,
 Thread length 29.15, Thread size M10



234449 Fixed Contact
 Replacing: 234455
 Total length 31.00,
 Length/ rear collar 25.20,
 Thread length 21.20, Thread size M8



234450 Fixed Contact
 Total length 46.00,
 Length/ rear collar 40.00,
 Thread length 36.45, Thread size M8



234452 Fixed Contact
 Total length 41.30,
 Length/ rear collar 35.35,
 Thread length 30.40, Thread size M8



234453 Fixed Contact
 Total length 41.00,
 Length/ rear collar 35.25,
 Thread length 31.00, Thread size M8



234454 Fixed Contact
 Total length 41.00,
 Length/ rear collar 36.10,
 Thread length 31.60, Thread size M10

Pkg. 40



B133570 Fixed Contact
 Replacing: 133570
 Alternative no.: 133570

Pkg. 50



B133571 Fixed Contact
 Replacing: 133571
 Alternative no.: 133571

Pkg. 100



B133573 Fixed Contact
 Replacing: 133573
 Alternative no.: 133573

Pkg. 40



B133575 Fixed Contact
 Replacing: 133575
 Alternative no.: 133575

Pkg. 40



B134141 Fixed Contact
 Replacing: 134141
 Alternative no.: 134141

Various

Pkg. 1000



136652 Gasket
 ID 8.45, OD 12.85, Thickness 1.00
 For M8 bolt.



330257 Cover
 Replacing: 6033AD5273
 Servicing: 0001231040, 0001241012,
 0001241015, 0001241020, 0001261013,
 0001261023, 0001263003, 0001263004

Drives



130026 Drive
 Replacing: 2006209154, 1006209129
 Servicing: 0001157001, 0001157002,
 0001157003, 0001157004
 ID 12.02, OD 26.00,
 OD/ housing 47.00, Total length 72.00,
 Splines A 8, No./ teeth 9, Rotation CR



130027 Drive
 Replacing: 2006209311, 2006209161,
 2006209160, 1006209339, 1006209233,
 1006209161, 1006209104, 1006209102
 Servicing: 0001160003, 0001160011,
 0001160013, 0001207016, 0001207017,
 0001207018, 0001207019, 0001207020,
 0001211012, 0001211013
 ID 11.00, OD 26.00,
 OD/ housing 46.20, Total length 67.00,
 Splines A 10, No./ teeth 9, Rotation ACR



130388 Drive
 Replacing: 2006209324, 2006209322,
 1006209108
 Servicing: 0001311038, 0001311048
 ID 12.00, OD 26.80,
 OD/ housing 46.10, Total length 68.00,
 Splines A 10, No./ teeth 10, Rotation CR



130390 Drive
 Replacing: 1006209140, 1006209110,
 1006209105, 1006209071, 1006209056,
 1006209049, 1006209039, 1006209033
 Servicing: 0001207003, 0001207009,
 0001207014, 0001207015, 0001208004,
 0001208007, 0001208018, 0001208032,
 0001209001, 0001209006
 ID 12.00, OD 29.60,
 OD/ housing 46.30, Total length 68.00,
 Splines A 10, No./ teeth 9, Rotation CR



130393 Drive
 Replacing: 9001140104, 1006209445,
 1006209401
 Servicing: 0001157012, 0001157013,
 0001157021, 0001157023, 9000141100,
 9000141101, 9000141103, 9000141107,
 9000141108, 9000141111
 ID 12.00, OD 25.80,
 OD/ housing 46.20, Total length 68.50,
 Splines A 10, No./ teeth 9, Rotation CR


130396 Drive

Replacing: 9001336324, 9001082748, 9001082686, 9001082660, 9001082340, 9001066236, 1006209471, 1006209463
 Servicing: 0001157024, 0001157025, 0001157028, 0001157029, 0001157030, 0001208200, 0001208201, 0001208202, 0001208206, 0001208208
 ID 12.00, OD 25.80,
 OD/ housing 46.30, Total length 64.50,
 Splines A 10, No./ teeth 9, Rotation CR
 Alternative no.: 333521


130398 Drive

Replacing: 1006209421
 Servicing: 0001208203, 0001208205, 0001208210, 0001208214, 0001208406, B001208085, B001208101, B001208160
 ID 12.00, OD 25.80,
 OD/ housing 46.85, Total length 71.00,
 Splines A 10, No./ teeth 9, Rotation CR


130400 Drive

Replacing: 1006209429
 Servicing: 0001208172, 0001208219, 0001208220, 0001208223, 0001208232, 0001208233, 0001208409, 0001208423, 0001211227, 0001211228
 ID 12.00, OD 26.80,
 OD/ housing 46.20, Total length 64.00,
 Splines A 10, No./ teeth 10, Rotation CR


130401 Drive

Replacing: 2006209273, 1006209439, 1006209402, 1006209080
 Servicing: 0001313003, 0001313004, 0001313005, 0001313006, 0001313007, 0001314002, 0001314005, B001313017, B001315038
 ID 12.00, OD 25.80,
 OD/ housing 46.25, Total length 63.50,
 Splines A 10, No./ teeth 9, Rotation CR


130402 Drive

Replacing: 1006209444, 1006209081
 Servicing: 0001311042, 0001314001
 ID 12.00, OD 29.60,
 OD/ housing 46.25, Total length 64.00,
 Splines A 10, No./ teeth 9, Rotation CR


130404 Drive

Replacing: 9001082669, 9001082362, 9001042021, 2006209162, 1006209431, 1006209424, 1006209162
 Servicing: 0001204102, 0001204103, 0001208403, 0001208411, 0001208412, 0001208414, 0001208415, 0001208416, 0001208417, 0001208418
 ID 11.00, OD 25.80,
 OD/ housing 46.10, Total length 63.00,
 Splines A 10, No./ teeth 9, Rotation ACR
 Alternative no.: 333231


130405 Drive

Replacing: 2006209163, 1006209417, 1006209412, 1006209411, 1006209405, 1006209403, 1006209400
 Servicing: 0001208053, 0001208054, 0001208055, 0001208254, 0001208255, 0001211025, 0001211204, 0001211205, 0001211209, 0001211210
 ID 12.00, OD 25.80,
 OD/ housing 46.15, Total length 63.50,
 Splines A 10, No./ teeth 9, Rotation CR
 Alternative no.: 333520


130406 Drive

Replacing: 9001082420, 2006209166, 2006209165, 1006209332, 1006209165, 1006209127, 1006209101, 1006209068
 Servicing: 0001207010, 0001208001, 0001208003, 0001208009, 0001208011, 0001208019, 0001208020, 0001208023, 0001208024, 0001208025
 ID 12.00, OD 26.00,
 OD/ housing 46.15, Total length 68.50,
 Splines A 10, No./ teeth 9, Rotation CR


130407 Drive

Replacing: 2006209167
 ID 12.00, OD 29.00,
 OD/ housing 47.55, Total length 63.50,
 Splines A 10, No./ teeth 11, Rotation CR



130409 Drive

Replacing: 2006209332, 2006209331, 2006209249, 2006209242, 2006209241
 Servicing: 0001362001, 0001362002, 0001362003, 0001362004, 0001362007, 0001362027, 0001362028, 0001362029, 0001362030, 9000143406

ID 12.00, OD 25.80,
 OD/ housing 54.20, Total length 73.00,
 Splines A 10, No./ teeth 9, Rotation CR



130412 Drive

Replacing: 2006209321, 1006209437
 Servicing: 0001208049, 0001208249, 0001211206, 0001211989

ID 12.00, OD 26.80,
 OD/ housing 47.50, Total length 64.50,
 Splines A 10, No./ teeth 10, Rotation CR



130414 Drive

Replacing: 2006209500, 2006209471
 Servicing: 0001362001, 0001362002, 0001362029, 0001362030, 0001362038, 0001362047, 0001362069, 0001362070, 0001362077, 0001362078

ID 12.00, OD 25.80, OD/ housing 54.50,
 Total length 71.50, Splines A 10,
 No./ teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 333516 , 130414z,
 130414zz



130414Z Drive

Replacing: 2006209500, 2006209471
 ID 12.00, OD 25.80, OD/ housing 54.00,
 Total length 71.50, Splines A 10,
 No./ teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 333516 , 130414, 131414zz



130414ZZ Drive

Replacing: 2006209500, 2006209471
 ID 12.00, OD 25.20, OD/ housing 54.15,
 Total length 70.95, Splines A 10,
 No./ teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 333516 , 130414, 131414z



130415 Drive

Replacing: 9001083444, 2006209915,
 2006209904, 2006209900, 2006209212,
 2006209189, 2006209183, 2006209068

Servicing: 0001354004, 0001354006,
 0001354012, 0001354016, 0001354021,
 0001354023, 0001354027, 0001354031,
 0001354055, 0001354064
 ID 14.30, OD 34.00,
 OD/ housing 54.20, Total length 90.00,
 Splines A 3, No./ teeth 9, Rotation CR



130416 Drive

Replacing: 2006209971, 2006209917,
 2006209388, 2006209368, 2006209268,
 2006209073, 2006209072, 2006203022
 Servicing: 0001358018, 0001358020,
 0001358027, 0001358033
 ID 14.30, OD 41.00,
 OD/ housing 60.00, Total length 92.50,
 Splines A 3, No./ teeth 11, Rotation CR



130417 Drive

Replacing: 2006380718, 2006380410, 2006380010
 Servicing: 0001401011, 0001401012,
 0001401023, 0001401028, 0001401041,
 0001401050, 0001401052, 0001401066,
 0001401067, 0001401071
 ID 14.70, OD 34.70,
 OD/ housing 35.00, Total length 120.00,
 Splines A 3, No./ teeth 9, Rotation CR



130418 Drive

Replacing: 2006382156, 2006382152, 2006382018
 Servicing: 0001410018, 0001410032,
 0001410037, 0001410044, 0001410046,
 0001410050, 0001410053, 0001410062,
 0001410063, 0001410069

ID 10.15, OD 41.00, Total length 61.00,
 Shaft length 39.65, No./ teeth 11
 Alternative no.: 333175 , 130418Z



130418Z Drive

Replacing: 2006382156, 2006382152, 2006382018
 ID 10.00, OD 40.60, Total length 61.30,
 Shaft length 40.00, No./ teeth 11
 Alternative no.: 333175 , 130418



130419 Drive

Replacing: 2006382176, 2006382150,
 2006382020, 2006382017, 2006382013
 Servicing: 0001410015, 0001410016,
 0001410021, 0001410029, 0001410041,
 0001410058, 0001410066, 0001410078,
 0001410082, 0001410083
 ID 10.15, OD 34.30, Total length 61.10,
 Shaft length 40.30, No./ teeth 9, Rotation CR
 Alternative no.: 333173 , 130419Z



130419Z Drive

Replacing: 2006382176, 2006382150,
 2006382020, 2006382017, 2006382013
 ID 14.00, OD 34.80, Total length 61.10,
 Shaft length 40.10, No./ teeth 9, Rotation CR
 Alternative no.: 333173 , 130419


130721 Drive

Replacing: 2006381558

 Servicing: 0001401044, 0001401046,
0001501003, 0001501014, 0001501020,
0001501032

 ID 14.60, OD 41.00, Total length 120.00,
Shaft length 98.60, Splines A 3,
No./ teeth 11
Bronze.

130722 Drive

Replacing: 2006380500

 ID 14.70, OD 39.00, Total length 120.00,
Splines A 3, No./ teeth 10

130730 Drive

Replacing: 9001336217, 9001336213

 ID 11.55, OD 25.25,
OD/ housing 45.00, Total length 62.15,
Splines A 12, No./ teeth 9, Rotation ACR

130731 Drive

Replacing: 9001336221

 ID 11.55, OD 29.20,
OD/ housing 45.00, Total length 61.90,
Splines A 12, No./ teeth 9, Rotation ACR

130738 Drive

Replacing: 9001133219

 ID 14.00, OD 29.15,
OD/ housing 46.20, Total length 68.00,
Splines A 6, No./ teeth 11, Rotation CR

130920 Drive

Replacing: 9001336203

 ID 12.00, OD 26.95,
OD/ housing 41.15, Total length 60.65,
Splines A 6, No./ teeth 8, Rotation ACR

130930 Drive

Replacing: 2006209478

Servicing: 0001362037, 0001362071, B001812263

 ID 14.25, OD 29.60,
OD/ housing 54.00, Total length 73.50,
Splines A 10, No./ teeth 9, Rotation CR

130931 Drive

 Replacing: 2006209448, 2006209418,
2006209330, 2006209240

Servicing: 0001362031, 0001362032, 0001363101

 ID 14.30, OD 34.80,
OD/ housing 60.00, Total length 74.00,
Splines A 10, No./ teeth 9, Rotation CR

130932 Drive

Replacing: 2006209435, 2006209405

 Servicing: 0001359050, 0001359054,
0001359058, 0001359061, 0001359064,
0001359065, 0001359088, 0001359095,
0001359105, 0001359114

 ID 14.30, OD 40.00,
OD/ housing 60.00, Total length 91.00,
Splines A 10, No./ teeth 10, Rotation CR

130950 Drive

Replacing: 2006209483, 2006209470

 Servicing: 0001362039, 0001362056,
0001362062, 0001362065, 0001362073,
0001362102, 0001362105, 0001362322,
0001362323, 0001363101

 ID 14.25, OD 34.80,
OD/ housing 60.00, Total length 73.50,
Splines A 10, No./ teeth 9, Rotation CR

Alternative no.: 333207


130995 Drive

 Replacing: 9001042032, 9001042013,
1006209423

 Servicing: 0001208425, 0001208426,
0001208428, 0001208429, 0001211221,
0001211222, 0001211251, 0001211252,
0001211253, 0001211254

 ID 11.00, OD 25.80,
OD/ housing 46.30, Total length 74.00,
Splines A 10, No./ teeth 9, Rotation ACR



131019 Drive

Replacing: 2006209504, 2006209485, 2006209476, 2006209469, 2006209449

Servicing: 0001362034, 0001362036, 0001362040, 0001362041, 0001362043, 0001362046, 0001362050, 0001362053, 0001362072, 0001362074

ID 14.25, OD 34.80, OD/ housing 60.00, Total length 74.00, Splines A 10, No./ teeth 9, Rotation CR

Alternative no.: 333205



131022 Drive

Replacing: 2006209338, 2006209248

Servicing: 0001362014, 0001362015

ID 14.30, OD 29.60, OD/ housing 60.30, Total length 77.00, Splines A 10, No./ teeth 9, Rotation CR



131065 Drive

Replacing: 2008209008, 2006209530, 2006209529, 2006209492

Servicing: 0001362051, 0001362063, 0001362096, 0001362097, 0001362300, 0001362306, 0001362309, 0001362315, 0001363116, 0001364301

ID 14.25, OD 34.80, OD/ housing 60.00, Total length 91.00, Splines A 10, No./ teeth 9, Rotation CR

Alternative no.: 333190 , 131065Z



131065Z Drive

Replacing: 2008209008, 2006209530

ID 14.20, OD 34.30, OD/ housing 60.00, Total length 91.00, Splines A 10, No./ teeth 9, Drive type Steel, Rotation CR

Alternative no.: 333190 , 131065



131088 Drive

Replacing: 9001336232

ID 12.05, OD 26.70, OD/ housing 43.20, Total length 67.50, Splines A 5, No./ teeth 10, Rotation CR



131089 Drive

Replacing: 9001336231

ID 12.10, OD 25.40, OD/ housing 45.10, Total length 101.70, Splines A 5, No./ teeth 9, Rotation CR



131097 Drive

Replacing: 9001692096, 1006209472, 1006209449, 1006209428, 1006209406

Servicing: 0001208204, 0001211225, 0001311100, 0001311128, 0001311150, 0001316007, 9000692009, B001208010, B001211108, B001311132

ID 12.00, OD 30.00, OD/ housing 46.30, Total length 64.50, Splines A 10, No./ teeth 9, Rotation CR

Alternative no.: 333233



131098 Drive

Replacing: 1006209448

Servicing: 0001157026, 0001208213, 0001208221, 0001208222, 0001311134, 0001311135, 0001311138, 0001314022, B001311048, B001311102

ID 12.00, OD 25.80, OD/ housing 47.00, Total length 64.50, Splines A 10, No./ teeth 9, Rotation ACR



131101 Drive

Replacing: 1006209473, 1006209470, 1006209469

Servicing: 0001311146, 0001314026, 0001314027, 0001314028, 0001314029, 0001314030, 0001314033, 0001314034, 0001314035, 0001314036

ID 11.90, OD 25.80, OD/ housing 46.20, Total length 64.00, Splines A 10, No./ teeth 9, Rotation CR

Alternative no.: 333519



131102 Drive

Replacing: 1006209500

Servicing: 0001317007, 0001317008, 0001317013, 0001317022, 0001317025, B001329009, B001329014, B001329045


ID 12.00, OD 25.80, OD/ housing 46.20, Total length 64.00, Splines A 10, No./ teeth 9, Rotation CR

Alternative no.: 333220 , 131102Z


131102Z Drive

Replacing: 1006209500

 ID 12.00, OD 25.80, OD/ housing 46.00,
 Total length 64.00, Splines A 10,
 No./ teeth 9, Drive type Steel, Rotation CR


 Alternative no.: 333220 , 131102

131104 Drive

 Replacing: F000AL1698, f000a11040,
 9001081022, 1006209939, 1006209906,
 1006209711, 1006209709, 1006209707

 Servicing: 0001108001, 0001108002,
 0001108003, 0001108009, 0001108010,
 0001108011, 0001108012, 0001108016,
 0001108017, 0001108018


 ID 12.00, OD 25.80,
 OD/ housing 47.50, Total length 59.00,
 Splines A 10, No./ teeth 9, Rotation CR

 Alternative no.: 333176 , 131104ZZ

131104ZZ Drive

 Replacing: F000AL1698, f000a11040,
 9001081022, 1006209939, 1006209906,
 1006209709, 1006209707, 1006209705

 ID 12.00, OD 25.30, OD/ housing 46.20,
 Total length 58.40, Splines A 10,
 No./ teeth 9, Drive type Steel, Rotation CR

 Alternative no.: 333176 , 131104

131106 Drive

Replacing: 2006209443, 2006209413

 Servicing: 0001359067, 0001359069,
 0001359081, 0001359082, 0001359103,
 0001359104, 0001359109, 0001359110,
 0001359126, 0001359127


 ID 14.29, OD 39.00,
 OD/ housing 60.32, Total length 91.00,
 Splines A 10, No./ teeth 10, Rotation CR

131107 Drive

Replacing: 2006382172, 2006382019

 Servicing: 0001410065, 0001411017,
 0001411021, 0001411025, 0001411026,
 0001411027, 0001416052, 0001417005,
 0001417006, 0001417007

 ID 10.25, OD 41.00, Total length 61.00,
 Shaft length 39.90, No./ teeth 11

 Alternative no.: 333540 

131108 Drive

 Replacing: 2006209481, 2006209473,
 2006209333, 2006209243

 Servicing: 0001362005, 0001362006,
 0001362026, 0001362044, 0001362045,
 0001362055, 0001362061, 0001362079,
 0001362086, 0001363104

 ID 14.35, OD 36.50,
 OD/ housing 59.95, Total length 73.50,
 Splines A 10, No./ teeth 9, Rotation CR

131150 Drive

Replacing: 1006209502

 Servicing: 0001317011, 0001317012,
 0001317016, 0001317017, B001329013,
 B001329029

 ID 12.00, OD 25.80,
 OD/ housing 46.15, Total length 85.00,
 Splines A 10, No./ teeth 9, Rotation ACR

131167 Drive

Replacing: 2006383160, 2006382174

 Servicing: 0001410067, 0001410068,
 0001410116, 0001415020, 0001416038,
 0001416043, 0001416044, 0001416072,
 9000084008, B001450102

 ID 10.15, OD 42.00, Total length 61.00,
 Shaft length 40.00, No./ teeth 11

131207 Drive

Replacing: 2006209431

 Servicing: 0001362081, 0001362602,
 0001362603, 0001362606, 0001362607,
 B001812323, B001812324, B001812349,
 B001812422, B001812426

 ID 14.20, OD 27.20,
 OD/ housing 54.10, Total length 74.00,
 Splines A 10, No./ teeth 10, Rotation CR

131267 Drive

 Replacing: 2006209401, 2006209341,
 2006209301, 2006209119, 2006209117,
 2006209107

 Servicing: 0001358048, 0001358049,
 0001359012, 0001359013, 0001359014,
 0001359018, 0001359025, 0001359027,
 0001359031, 0001359032

 ID 14.00, OD 34.80,
 OD/ housing 60.14, Total length 91.00,
 Splines A 10, No./ teeth 9, Rotation CR



131269 Drive

Replacing: 2006209344, 2006209342, 2006209304, 2006209302, 2006209120, 2006209109

Servicing: 0001358050, 0001358051, 0001359001, 0001359003, 0001359004, 0001359010, 0001359019, 0001359024, 0001359026, 0001359030

ID 14.33, OD 40.55,
OD/ housing 60.00, Total length 89.60,
Splines A 10, No./ teeth 11, Rotation CR



131270 Drive

Replacing: 2006209440, 2006209438, 2006209423, 2006209408

Servicing: 0001359053, 0001359056, 0001359060, 0001359063, 0001359070, 0001359075, 0001359076, 0001359085, 0001359096, 0001359098

ID 14.29, OD 41.00,
OD/ housing 60.06, Total length 91.00,
Splines A 10, No./ teeth 11, Rotation CR



131271 Drive

Replacing: 2006209494, 2006209425

Servicing: 0001359108, 0001362018, 0001362064, 0001362301, 0001362303, 0001362304, 0001363118, 0001363121, 0001366008, 0001367008

ID 14.30, OD 41.00,
OD/ housing 60.20, Total length 91.00,
Splines A 10, No./ teeth 11, Rotation CR

Alternative no.: 333217



131344 Drive

Replacing: 2006209466

Servicing: 0001108173, 0001362307, B001812330

ID 14.40, OD 46.30,
OD/ housing 59.95, Total length 74.00,
Splines A 10, No./ teeth 12, Rotation CR



131381 Drive

Replacing: 9001083502, 2006209447, 2006209417

Servicing: 0001359102, 0001359122, 0001360003, 0001360043, 0001360063, 9000083043, 9000453088, 9000453091

ID 14.30, OD 34.80,
OD/ housing 60.00, Total length 91.00,
Splines A 10, No./ teeth 9, Rotation CR



131432 Drive

Replacing: 1006209517, 1006209501

Servicing: 0001317009, 0001317010, 0001317014, 0001317015, 0001317018, 0001317019, 0001317020, 0001317021, B001329010

ID 10.90, OD 25.80,
OD/ housing 46.25, Total length 64.00,
Splines A 10, No./ teeth 9, Rotation ACR



131433 Drive

Replacing: F000AL1519, 1006210145, 1006209905, 1006209568, 1006209566, 1006209545, 1006209537, 1006209516

Servicing: 0001107014, 0001107016, 0001107027, 0001107028, 0001107029, 0001107041, 0001108004, 0001108020, 0001108033, 0001108037

ID 12.00, OD 26.80,
OD/ housing 47.50, Total length 58.50,
Splines A 10, No./ teeth 10, Rotation CR

Alternative no.: 333172 , 131433Z



131433Z Drive

Replacing: F000AL1519, 1006210145, 1006209905, 1006209568, 1006209566, 1006209545, 1006209537, 1006209516

ID 12.00, OD 26.80,
OD/ housing 46.25, Total length 58.50,
Splines A 10, No./ teeth 10,
Drive type Steel, Rotation CR

Alternative no.: 333172 , 131433



131434 Drive

Replacing: 1006209908, 1006209569, 1006209560

Servicing: 0001110013, 0001110019, 0001110043, 0001110044, 0001110051, 0001110064, 0001110065, 0001110088, 0001110104, 0001110105

ID 12.00, OD 27.00,
OD/ housing 54.25, Total length 59.00,
Splines A 10, No./ teeth 10, Rotation CR

Alternative no.: 333548


131475 Drive

Replacing: 2006209932, 2006209539, 2006209533, 2006209498

Servicing: 0001366019, 0001368016, 0001368043, 0001368081, 0001368311, 0001368320, B001811052, B001816150, B001816548

ID 14.30, OD 37.80,
OD/ housing 60.00, Total length 91.00,
Splines A 10, No./ teeth 10, Rotation CR
Alternative no.: 333223


131489 Drive

Replacing: 1006209436

Servicing: 0001314010, 0001314017, 0001316008, B001315024, B001315068, B001328013, B001328014

ID 12.00, OD 34.80,
OD/ housing 53.45, Total length 64.00,
Splines A 10, No./ teeth 9, Rotation CR


131495 Drive

Replacing: 2006209444, 2006209414

Servicing: 0001359090, 9000083071, 9000083076, 9000453074, 9000453075, 9000453076

ID 14.30, OD 32.00,
OD/ housing 60.00, Total length 91.00,
Splines A 10, No./ teeth 10, Rotation CR
Alternative no.: 333515


131597 Drive

Replacing: 2006209499, 2006209462

Servicing: 0001362093, 0001362310, 0001362327, 0001362328, 0001363127, 0001367006, 0001367022, 0001367035, 0001367040, 0001367041

ID 14.30, OD 39.00,
OD/ housing 60.10, Total length 91.00,
Splines A 10, No./ teeth 10, Rotation CR
Alternative no.: 333228


131711 Drive

Replacing: 2006209737, 2006209437, 2006209407

Servicing: 0001358200, 0001358201, 0001358202

ID 14.30, OD 46.30,
OD/ housing 59.90, Total length 75.00,
Splines A 10, No./ teeth 12, Rotation CR


131712 Drive

Replacing: 2006209336, 2006209246

Servicing: 0001359120, 0001362012, 0001362013, 0001362016, 0001362017, 0001362018, 0001362021, 0001362024, 0001362033, 0001363002

ID 14.45, OD 34.80,
OD/ housing 60.00, Total length 77.00,
Splines A 10, No./ teeth 9, Rotation CR


131713 Drive

Replacing: 2006209902, 2006209181, 2006209032, 2006209021, 2006208013

Servicing: 0001354018, 0001354029, 0001354033

ID 14.30, OD 41.00,
OD/ housing 54.15, Total length 90.00,
Splines A 3, No./ teeth 11, Rotation CR


131714 Drive

Replacing: 2006380558

Servicing: 0001401027, 0001401047, 0001402053, 0001402057, 0001501035, 0001501042, BNG4/12CR168SR, BPD6/24AR180

ID 14.60, OD 41.00, Total length 120.00,
Splines A 3, No./ teeth 11


131744 Drive

Replacing: 9001084020

ID 14.60, OD 45.50, Total length 120.00,
Splines A 3, No./ teeth 12


131745 Drive

Replacing: 2006380594, 2006380574

Servicing: 0001401026, 0001401062, BNG4/12CR242SR

ID 14.60, OD 39.50, Total length 120.00,
Splines A 3, No./ teeth 11


131747 Drive

Replacing: 2006380458, 2006380450

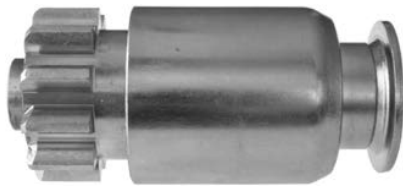
Servicing: 0001400016, 0001401019, BNG2,5/12DR229, BNG4/12CR236

ID 14.50, OD 45.90, Total length 120.00,
Splines A 3, No./ teeth 13



131767 Drive

Replacing: 9001453670
 Servicing: 40MT, 50MT, 0001370001, 9000453029, 9000453066, B001851001
 ID 15.90 (5/8"), OD 38.80, OD/ housing 58.00, Total length 120.40, Splines A 19, No./ teeth 10, Rotation CR



131768 Drive

Replacing: 2006202003, 2006202001
 Servicing: 40MT, 0001370002, 0001420002, 0001420006, 0001420007, 0001420008, 0001420010, 0001420011, 0001420026, 0001420027
 ID 19.00 (3/4"), OD 56.50, OD/ housing 58.00, Total length 120.40/4.740", Shaft length 19.00/0.748", Splines A 19, No./ teeth 11, Rotation CR



131771 Drive

Replacing: 2006209280, 1006209450, 1006208450, 1006208280
 Servicing: 0001212005, 0001212006, 0001212007, 0001212008, 0001212012, 0001212013, 0001212200, 0001212204, 0001212205, 0001212208
 ID 12.10, OD 26.00, OD/ housing 47.00, Total length 108.00, Splines A 10, No./ teeth 9, Rotation ACR



131772 Drive

Replacing: 1006209451
 Servicing: 0001212206, 0001212207, 0001212210, 0001212400, 0001212401, 0001312101, 0001312102, 0001312103, 0001312104, 0001312105
 ID 12.10, OD 26.00, OD/ housing 47.00, Total length 108.00, Splines A 10, No./ teeth 9, Rotation CR



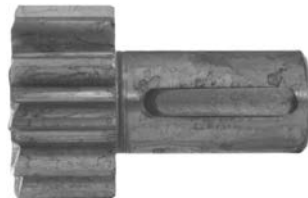
131773 Drive

Replacing: 2006382162
 Servicing: 0001410051, 0001410092, 0001410108, 0001410110, 0001411001, 0001411002, 0001411006, 0001411011, 0001411020, 0001411028
 ID 10.10, OD 45.00, Total length 61.00, Shaft length 40.25, No./ teeth 12



131774 Drive

Replacing: 2006383150
 Servicing: 0001410016, 0001410022, 0001410024, 0001410043, 0001410049, 0001410052, 0001410086, 0001413006, 0001413008, 0001414002
 ID 10.25, OD 34.50, Total length 61.00, Shaft length 39.90, No./ teeth 9 Bronze.



131775 Drive

Replacing: 2006383152
 Servicing: 0001410017, 0001410019, 0001410023, 0001410034, 0001410039, 0001410040, 0001410053, 0001410073, 0001413003, 0001413009
 ID 10.35, OD 41.00, Total length 61.00, Shaft length 40.00, No./ teeth 11 Bronze.



131994 Drive

Replacing: 1006209520
 Servicing: 0001218003, 0001218020, 0001218620, B001233054, B001233091
 ID 12.00, OD 35.45, OD/ housing 53.00, Total length 72.85, Splines A 10, No./ teeth 12, Rotation CR



131995 Drive

Replacing: 9003336291, 1006209523
 Servicing: 0001218006, 0001218016, 0001218021, 0001218029, 0001218108, 0001218109, 0001218110, 0001218150, 0001218156, 0001218160
 ID 12.00, OD 27.50, OD/ housing 54.00, Total length 64.80, Splines A 10, No./ teeth 10, Rotation CR
 Alternative no.: 333577



131996 Drive


Replacing: f000a1881, 9003336283, 9002336283
 Servicing: 0001218014, 0001218019, 0001218024, 0001218101, 0001218102, 0001218103, 0001218151, 0001218154, 0001218159, 0001218163
 ID 12.00, OD 35.00, OD/ housing 54.00, Total length 62.50, Splines A 10, No./ teeth 9, Rotation CR
 Alternative no.: 333514



131997 Drive

Replacing: 9003336284, 9003336201, 9002336207
 Servicing: 0001218002, 0001218015, 0001218022, 0001218106, 0001218129, 0001218602, B001233022, B001233035, B001233107, B001233163
 ID 11.95, OD 27.25, OD/ housing 54.25, Total length 62.00, Splines A 10, No./ teeth 10, Rotation CR



131998 Drive

Replacing: 9003336293, 9001140317
 Servicing: 0001218001, 0001218004,
 0001218005, 0001218008, 0001218010,
 0001218012, 0001218013, 0001218017,
 0001218018, 0001218025
 ID 12.00, OD 25.35,
 OD/ housing 53.50, Total length 62.00,
 Splines A 10, No./ teeth 9,
 Drive type Steel, Rotation CR
 Alternative no.: 333506 , 131998z


131998Z Drive

Replacing: 9003336293, 9001140317
 ID 12.00, OD 25.30,
 OD/ housing 54.20, Total length 62.00,
 Splines A 10, No./ teeth 9,
 Drive type Steel, Rotation CR
 Alternative no.: 131998


132000 Drive

Replacing: 2006209933, 2006209541,
 2006209537, 2006209531
 Servicing: 0001364102, 0001364200,
 0001364203, 0001364204, 0001364206,
 0001364300, 0001368015, 0001368037,
 0001368056, 0001368305
 ID 14.30, OD 40.50,
 OD/ housing 60.00, Total length 91.00,
 Splines A 10, No./ teeth 11, Rotation CR
 Alternative no.: 333230 


132079 Drive

Replacing: 9003336280, 9002336209,
 6033ad0044, 1006209524
 Servicing: 0001218009, 0001218011,
 0001218026, 0001218027, 0001218028,
 0001218122, 0001218134, 0001218135,
 0001218136, 0001218153
 ID 12.00, OD 29.35,
 OD/ housing 53.50, Total length 62.85,
 Splines A 10, No./ teeth 9, Rotation CR
 Alternative no.: 132079z


132079Z Drive

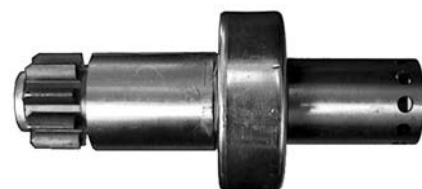
Replacing: 9003336280, 9002336209,
 6033ad0044, 1006209524
 ID 12.00, OD 29.15, OD/ housing 54.30,
 Total length 62.15, Splines A 10,
 No./ teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 132079


132117 Drive

Replacing: 2006209450
 Servicing: 0001364200, 0001364201,
 0001364202, 0001364205, B001819102,
 B001819116, B001819208
 ID 14.42, OD 40.75,
 OD/ housing 60.00, Total length 91.00,
 Splines A 10, No./ teeth 11, Rotation CR


132163 Drive

Replacing: 9001082417, 1006209902, 1006209125,
 1006209017, 1006209014, 1006209012
 Servicing: 0001203016, 0001305016,
 0001308006, EGD1/12AR37
 ID 12.00, OD 25.20,
 OD/ housing 46.25, Total length 78.00,
 Splines A 3, No./ teeth 9, Rotation CR


132166 Drive

Replacing: 1006209452
 Servicing: 0001312108, 0001312109,
 B001335003
 OD 25.00, OD/ housing 47.50,
 Total length 108.00, Splines A 10,
 No./ teeth 9, Rotation CR


132167 Drive

Replacing: 1006209519
 Servicing: 0001317023
 ID 12.00, OD 26.60,
 OD/ housing 46.35, Total length 64.00,
 Splines A 10, No./ teeth 10, Rotation CR


132168 Drive

Replacing: F000AL1520, 1006209522
 Servicing: 0001110001, 0001110002, 0001110014,
 0001110015, 0001110133, 0001110134,
 0001112003, 0001117008, B001117071
 ID 11.00, OD 25.80,
 OD/ housing 46.00, Total length 58.50,
 Splines A 10, No./ teeth 9, Rotation ACR


132169 Drive

Replacing: 1006209532
 Servicing: 0001110009, 0001110010,
 B001117030
 ID 12.00, OD 25.30,
 OD/ housing 46.00, Total length 79.70,
 Splines A 10, No./ teeth 9, Rotation ACR



132193 Drive

Replacing: 1006209329, 1006209325, 1006209324, 1006209323, 1006209322, 1006209321, 1006209320, 1006209119

Servicing: 0001207001, 0001207005, 0001208006, 0001208017, 0001310007, 0001310008, 0001310009, 0001310019, AL/EEF0.5/6

ID 12.65, OD 29.50,
OD/ housing 47.75, Total length 66.30,
Splines A 10, No./ teeth 9, Rotation ACR



132194 Drive

Replacing: f000a11001, 9001082749, 9001082324, 1006209425

Servicing: 0001208218, 0001208408, 0001208410, 0001208422, 0001211246, 0001311116, 0001311119, 0001311123, 0001311129, 0001311130

ID 12.00, OD 29.00,
OD/ housing 46.00, Total length 64.00,
Splines A 10, No./ teeth 11, Rotation CR



132195# Drive

Replacing: 1006209430

Servicing: 0001157020, 0001157022

ID 12.00, OD 27.00,
OD/ housing 47.65, Total length 61.75,
Splines A 10, No./ teeth 10, Rotation CR



132204 Drive

Replacing: 1006209571, 1006209541

Servicing: 0001110017, 0001110056, 0001110999, B001117203, B001117260, B001117285, F010AL0101

ID 12.00, OD 29.00,
OD/ housing 54.00, Total length 59.00,
Splines A 10, No./ teeth 11, Rotation CR



132205 Drive

Replacing: 1006209691, 1006209539, 1006209538

Servicing: 0001110003, 0001110005, 0001110012, 0001110016, 0001110025, 0001110026, 0001110039, 0001110053, 0001110054, 0001110055

ID 12.00, OD 27.80,
OD/ housing 45.70, Total length 58.75,
Splines A 10, No./ teeth 10, Rotation CR
Alternative no.: 333196 , 132205Z



132205Z Drive

Replacing: 1006209691, 1006209539, 1006209538

ID 12.00, OD 27.90,
OD/ housing 48.00, Total length 59.50,
Splines A 10, No./ teeth 10,
Drive type Steel, Rotation CR
Alternative no.: 333196 , 132205



132216 Drive

Replacing: 1007010045, 1006210155, 1006209921, 1006209919, 1006209918, 1006209710, 1006209703, 1006209596

Servicing: 0001108094, 0001108095, 0001108127, 0001110001, 0001110002, 0001110014, 0001110015, 0001110076, 0001110077, 0001110098

ID 12.00, OD 25.80,
OD/ housing 46.00, Total length 58.50,
Splines A 10, No./ teeth 9, Rotation ACR
Alternative no.: 333174 , 132216ZZ



132216ZZ Drive

Replacing: 1007010045, 1006210155, 1006209921, 1006209919, 1006209918, 1006209710, 1006209703, 1006209596

ID 12.00, OD 25.30,
OD/ housing 46.30, Total length 58.55,
Splines A 10, No./ teeth 9,
Drive type Steel, Rotation ACR
Alternative no.: 333174 , 132216

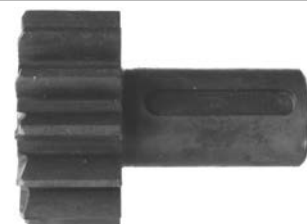


132273 Drive

Replacing: 9002453073, 9001083436, 9001083406, 2006209446, 2006209436, 2006209422, 2006209406

Servicing: 0001359017, 0001359028, 0001359031, 0001359038, 0001359049, 0001359055, 0001359057, 0001359062, 0001359071, 0001359072

ID 14.30, OD 34.20,
OD/ housing 60.00, Total length 91.00,
Splines A 10, No./ teeth 9, Rotation CR
Alternative no.: 333227



132308 Drive

Replacing: 2006382154

Servicing: 0001410026, 0001410035, 0001410094, 0001415007, 0001416004, 0001416064, 0001417010, 0001417057, B0001450120, B001411367

ID 10.00, OD 46.65, Total length 61.00,
Shaft length 40.40, No./ teeth 13


132345 Drive

Replacing: 2006209931, 2006209459, 2006209457, 2006209427

Servicing: 0001218105, 0001218128, 0001362312, 0001362316, 0001362319, 0001362321, 0001362331, 0001362332, 0001367037, 0001367075

ID 14.30, OD 32.00, OD/ housing 60.00, Total length 91.00, Splines A 10, No./ teeth 10

Alternative no.: 333510


132364 Drive

Replacing: 2006209215, 2006209095, 2006209086

Servicing: 0001354080, 0001354082, 0001354088, 0001354091, 0001354092, 0001354093, 0001354098, 0001354099, 0001354100, 0001354103

ID 14.35, OD 34.35, OD/ housing 54.00, Total length 90.00, Splines A 10, No./ teeth 9, Rotation CR


132365 Drive

Replacing: 2006209901, 2006209185, 2006209031

Servicing: 0001354026, 0001354032

ID 14.25, OD 37.65, OD/ housing 54.25, Total length 90.00, Splines A 3, No./ teeth 10, Rotation CR


132366 Drive

Replacing: 2006382062

Servicing: 0001510001, 0001510002, 0001510008, 0001510009, 0001510017, 0001510021, 0001510022, 0001510024, 0001510030, 0001510034

ID 10.25, OD 40.75, Total length 75.10, Shaft length 51.00, No./ teeth 11


132367 Drive

Replacing: 2006209916, 2006209386, 2006209366, 2006209071

Servicing: 0001358017, 0001358038, 0001358046, 0001358047

ID 14.25, OD 34.35, OD/ housing 60.00, Total length 92.50, Splines A 3, No./ teeth 9, Rotation CR


132368 Drive

Replacing: 2006209474, 2006209463

Servicing: 0001362048, 0001362049, 0001362084, 0001362100, 0001362330, 0001369020, 9000143413, B001812193, B001812205, B001812242

ID 14.30, OD 39.80, OD/ housing 54.00, Total length 73.85, Splines A 10, No./ teeth 10, Rotation CR


132388 Drive

Replacing: 9003336206

Servicing: 0001218007, 0001218023, 0001218125, 0001218126, 0001218158, 0001218175, 0001218725, 0001218758, 0001218775

ID 12.00, OD 29.00, OD/ housing 54.25, Total length 62.00, Splines A 10, No./ teeth 11, Rotation CR


132542 Drive

Replacing: 9003336274

Servicing: 9000331406

ID 12.00, OD 34.50, OD/ housing 53.60, Total length 56.50, Splines A 10, No./ teeth 9, Rotation CR


132697 Drive

Replacing: 2006209346, 2006209306, 2006209201, 2006209200

Servicing: 0001359016

ID 14.00, OD 32.00, OD/ housing 60.00, Total length 91.00, Splines A 10, No./ teeth 10, Rotation CR


132702 Drive

Replacing: 2006209532, 2006209495, 2006209452

Servicing: 0001362302, 0001362324, 0001367002, 0001367017, 0001367020, 0001367047, 0001367048, 0001367051, 0001367057, 0001367066

ID 14.25, OD 39.85, OD/ housing 60.00, Total length 91.00, Splines A 10, No./ teeth 10, Rotation CR

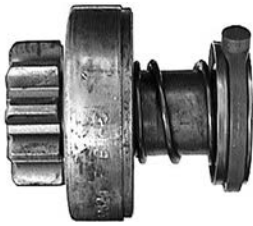
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132732 Drive

Replacing: 2006202002

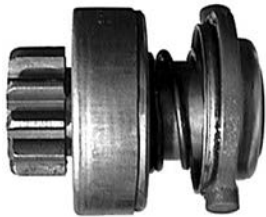
Servicing: 40MT, 50MT, 0001421005, 0001421014, 0001421015, B001421020, B001421039, B001421040

ID 19.00, OD 46.20/1.819", OD/ housing 46.00, Total length 118.00/4.646", Shaft length 19.00/0.748", Splines A 19, No./ teeth 12, Rotation ACR
Bronze.



132824 Drive

Replacing: 9003336275, 9002336203
 Servicing: 0001218814, 0001218816,
 9000331405, 9000331412, 9000331413,
 9000331417, 9000331425, 9000331427,
 9000332402
 ID 12.00, OD 39.75,
 OD/ housing 53.00, Total length 63.45,
 Splines A 10, No./ teeth 10, Rotation CR



133230 Drive

Replacing: 1006209540
 Servicing: 0001108025, 0001108146,
 B001111018, B001111423
 ID 12.00, OD 29.50,
 OD/ housing 47.40, Total length 58.50,
 Splines A 10, No./ teeth 11, Rotation CR



133362 Drive

Replacing: 1006209559, 1006209554,
 1006209549, 1006209534
 Servicing: 0001108054, 0001108065,
 0001108100, 0001108108, 0001108115,
 0001108117, 0001108131, 0001108141,
 0001108145, 0001108210
 ID 12.00, OD 29.25,
 OD/ housing 46.25, Total length 58.20,
 Splines A 10, No./ teeth 9, Rotation CR
 Alternative no.: 333201 , 135115



133443 Drive

Replacing: 1006209418
 Servicing: 0001311050, 0001311051, 0001311052,
 0001311055, 0001314010, B001324002,
 B001324003, B001324004, B001324008
 ID 12.00, OD 34.00,
 OD/ housing 46.00, Total length 64.00,
 Splines A 10, No./ teeth 9, Rotation CR



133498 Drive

Replacing: 2006209475
 Servicing: 0001362035, 0001362042,
 0001362059, 0001362092, 0001362095,
 0001363105, 0001363117, 0001363125,
 0001366011, 0001366012
 ID 14.16, OD 40.50,
 OD/ housing 60.00, Total length 73.75,
 Splines A 10, No./ teeth 11, Rotation CR



133596 Drive

Replacing: 2006209465
 Servicing: 0001362700, 0001362701, 0001362702,
 0001367700, B001812413, B001812450
 ID 14.35, OD 35.50,
 OD/ housing 60.00, Total length 74.00,
 Splines A 10, No./ teeth 11, Rotation CR
 Alternative no.: 333225



133738 Drive

Replacing: 9001451251, 9001451249
 Servicing: 9000451017, 9000451024
 ID 12.00, OD 25.00,
 OD/ housing 46.30, Total length 64.20,
 Splines A 6, No./ teeth 9, Rotation CR



133853 Drive

Replacing: 1006209422
 Servicing: 0001311115, 0001314039, 0001314040,
 B001311075, B001315080, B001315170
 ID 12.00, OD 29.30,
 OD/ housing 47.00, Total length 63.75,
 Splines A 10, No./ teeth 11, Rotation ACR



133896 Drive

Replacing: 9001140114
 Servicing: 9000141104
 ID 12.00, OD 29.00,
 OD/ housing 47.55, Total length 61.70,
 Splines A 10, No./ teeth 9, Rotation ACR



134282 Drive

Replacing: 2006209426
 Servicing: 0001367014, 0001367023,
 0001367028, 0001367029, 0001367082,
 0001368019, 0001368020
 ID 14.25, OD 34.40,
 OD/ housing 60.00, Total length 91.00,
 Splines A 10, No./ teeth 9, Rotation CR
 Alternative no.: 333197



134371 Drive

Replacing: 2006209594, 1006209912,
 1006209911, 1006209594, 1006209591,
 1006209552, 1006209295
 Servicing: 0001108076, 0001108077,
 0001110031, 0001110032, 0001110061,
 0001110062, 0001110069, 0001110070,
 0001110084, 0001110085
 ID 12.00, OD 27.65, OD/ housing 52.30,
 Total length 79.50, Splines A 10,
 No./ teeth 10, Rotation ACR
 Alternative no.: 134371z


134371Z Drive

Replacing: 2006209594, 1006209912, 1006209911, 1006209594, 1006209591, 1006209552, 1006209295

ID 12.00, OD 27.65,
OD/ housing 52.30, Total length 79.50,
Splines A 10, No./ teeth 10,
Rotation ACR
Alternative no.: 134371


134434 Drive

Replacing: 9003336290, 6033AD0422

Servicing: 0001218817, 0001218818, 6033A1J05B, 9000331421, 9000331424, 9000331428, 9000331430

ID 12.00, OD 34.75,
OD/ housing 54.00, Total length 60.45,
Splines A 10, No./ teeth 9, Rotation CR


134644 Drive

Replacing: 1006209460

Servicing: 0001208427, 0001211241, 0001314044, B001211163, B001315179

ID 12.15, OD 30.00,
OD/ housing 48.00, Total length 64.00,
Splines A 10, No./ teeth 9, Rotation ACR


134925 Drive

Replacing: 9001336323

Servicing: 9000334103, 9003334103

ID 12.00, OD 27.80,
OD/ housing 46.85, Total length 63.00,
Splines A 10, No./ teeth 8, Rotation CR


135085 Drive

Replacing: 1006210143, 1006209916, 1006209585

Servicing: 0001107007, 0001107008, 0001107020, 0001107021, 0001107052, 0001107053, 9000694029, B001110054, B001110099, B001110116

ID 12.00, OD 25.25,
OD/ housing 46.50, Total length 55.45,
Splines A 10, No./ teeth 9, Rotation ACR
Alternative no.: 333203


135086 Drive

Replacing: 1006209917, 1006209579

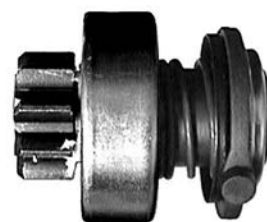
Servicing: 0001107003, 0001107004, 0001107022, 0001107023, B001110041, B001110100

ID 12.00, OD 27.75,
OD/ housing 46.40, Total length 77.00,
Splines A 10, No./ teeth 10,
Rotation ACR
Alternative no.: 135086z


135086Z Drive

Replacing: 1006209917, 1006209579

ID 12.00, OD 27.94,
OD/ housing 46.00, Total length 77.00,
Splines A 10, No./ teeth 10,
Drive type Steel, Rotation ACR
Alternative no.: 135086


135115 Drive

Replacing: 1006209547

Servicing: 0001107033, 0001107061, 0001108042, 0001108063, 0001108129, 0001111003, 0001111008, B001111090, B001111195, B001111220

ID 11.90, OD 30.00,
OD/ housing 47.00, Total length 58.50,
Splines A 10, No./ teeth 9, Rotation CR
Alternative no.: 333201 , 133362


135116 Drive

Replacing: 9002336204

Servicing: 0001218116, 0001218117, 0001218716, B001233180

ID 12.00, OD 27.75, OD/ housing 54.25,
Total length 86.35, Splines A 10,
No./ teeth 10, Rotation ACR
Alternative no.: 333502 , 135116z


135116Z Drive

Replacing: 9002336204

ID 12.00, OD 27.50, OD/ housing 54.25,
Total length 86.00, Splines A 10,
No./ teeth 10, Drive type Steel, Rotation ACR
Alternative no.: 135116



135164 Drive

Replacing: 1006209550
 Servicing: 0001107058, 0001108050,
 0001112034, B001111098, B001180041
 ID 12.00, OD 29.10,
 OD/ housing 46.25, Total length 58.60,
 Splines A 10, No./ teeth 9, Rotation ACR



135251 Drive

Replacing: 2006209482
 Servicing: 0001362067, 0001362103,
 0001362325, 0001362326, 0001362329,
 B001812248, B001812252, B001812437,
 B001812438, B001812443
 ID 14.40, OD 39.45,
 OD/ housing 60.00, Total length 73.65,
 Splines A 10, No./ teeth 10, Rotation CR



135374 Drive

Replacing: 2006382060
 Servicing: 0001510020, 0001510025,
 0001510031, 0001510032, 0001510037,
 0001510038, 0001510041, B001510020,
 B001510160, B001510169
 ID 10.20, OD 34.50, Total length 75.00,
 Shaft length 51.50, No./ teeth 9



135464 Drive

Replacing: 1006209923, 1006209578
 Servicing: 0001108099, B001111273
 ID 12.00, OD 29.20,
 OD/ housing 46.25, Total length 58.65,
 Splines A 6, No./ teeth 11, Rotation ACR
 Alternative no.: 333523



135569 Drive

Replacing: 1006209527
 Servicing: 0001108013, 0001108032,
 0001108045, 0001108046, 0001108066,
 B001111031, B001111105, B001111145,
 B001111146, B001111212
 ID 11.00, OD 25.35,
 OD/ housing 46.00, Total length 58.50,
 Splines A 10, No./ teeth 9, Rotation CR



135664 Drive

Replacing: 2006209919, 2006209390,
 2006209077
 Servicing: 0001358021, 0001358026
 ID 14.00, OD 39.80,
 OD/ housing 60.00, Total length 92.50,
 Splines A 3, No./ teeth 11, Rotation CR



135713 Drive

Replacing: 1006209580
 Servicing: 0001109001, 0001109002,
 0001109006, 0001109007, B001116001
 ID 12.00, OD 25.25,
 OD/ housing 46.25, Total length 55.40,
 Splines A 10, No./ teeth 9, Rotation CR
 Alternative no.: 333226



135714 Drive

Replacing: 1006209551
 Servicing: 0001110033, B001117229
 ID 12.00, OD 33.00, OD/ housing 46.00,
 Total length 58.60, Splines A 10,
 No./ teeth 10, Rotation ACR



135715 Drive

Replacing: 1006209581
 Servicing: 0001110066, 0001110067,
 0001110108, B001117154
 ID 12.00, OD 25.45, OD/ housing 53.45,
 Total length 58.50, Splines A 10,
 No./ teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 135715z



135715Z Drive

Replacing: 1006209581
 ID 12.00, OD 25.45,
 OD/ housing 53.45, Total length 58.50,
 Splines A 10, No./ teeth 9,
 Drive type Steel, Rotation CR
 Alternative no.: 135715

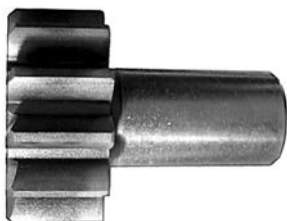


135716 Drive

Replacing: 9001081033, 1006209997,
 1006209993, 1006209686, 1006209600,
 1006209584
 Servicing: 0001106012, 0001106017,
 0001106022, 0001106023, 0001106024,
 0001107009, 0001107012, 0001107013,
 0001107015, 0001107017
 ID 12.00, OD 25.20,
 OD/ housing 46.20, Total length 53.50,
 Splines A 10, No./ teeth 9, Rotation CR
 Alternative no.: 333194


135801 Drive

Replacing: 2006209394, 2006209345, 2006209305, 2006209111
Servicing: 0001359002, 0001359008, 0001359020, 0001359034, 0001359045, 0001359069, 0001360013, 9000143101
 ID 14.30, OD 40.00,
 OD/ housing 60.00, Total length 91.00,
 Splines A 10, No./ teeth 10, Rotation CR


135860 Drive

Replacing: 9001084064, 2006382190
Servicing: 0001416061, 0001416065, 0001416077, 0001417061, 0001417062, 0001417063, 0001417065, 0001417067, 0001417075, 9000084007
 ID 10.15, OD 46.65, Total length 61.00,
 Shaft length 39.65, No./ teeth 12,
 Rotation CR


135861 Drive

Replacing: 2006383163
Servicing: 0001413005, 0001414001, 0001416045, 0001418011, B001450199
 ID 10.30, OD 39.80, Total length 61.00,
 Shaft length 40.00, No./ teeth 11
 Bronze.


135911 Drive

Replacing: 9003336286
Servicing: 9000331411, 9003331411
 ID 12.00, OD 28.50,
 OD/ housing 54.35, Total length 55.50,
 Splines A 10, No./ teeth 11, Rotation CR


135985 Drive

Replacing: 9001690067, 9001336240
Servicing: 0001112032, 9000333121, 9000692064
 ID 12.00, OD 28.00,
 OD/ housing 46.00, Total length 59.35,
 Splines A 10, No./ teeth 8, Rotation CR


135989 Drive

Replacing: 2006209339, 2006209239, 2006209233
Servicing: 0001362023, 0001362025, B001812089
 ID 14.45, OD 34.00,
 OD/ housing 60.25, Total length 74.00,
 Splines A 10, No./ teeth 9, Rotation CR


136285 Drive

Replacing: 2006209343, 2006209303, 2006209122, 2006209118
Servicing: 0001359021, 0001360015
 ID 14.30, OD 35.00, OD/ housing 60.00,
 Total length 90.75, Splines A 10,
 No./ teeth 9, Rotation CR


136425 Drive

Replacing: 9002336205, 9002336200
Servicing: 0001218104, 0001218105, 0001218119, 0001218126, 0001218127, 0001218128, 0001218728, B001233039, B001233159, B001233160
 ID 12.00, OD 26.80, OD/ housing 54.00,
 Total length 62.00, Splines A 10,
 No./ teeth 10, Rotation CR


136472 Drive

Replacing: 1006209533
Servicing: 0001110007, 0001110008, B001117011
 ID 12.00, OD 25.35,
 OD/ housing 48.45, Total length 58.65,
 Splines A 10, No./ teeth 9, Rotation CR


136509 Drive

Replacing: 2006209544, 2006209543, 2006209458
Servicing: 0001367072, 0001368069, 0001368083, 0001369007, 0001369019, 0001369025, B001816445, B001816446, B001816570, B001828071
 ID 14.35, OD 36.25,
 OD/ housing 59.20, Total length 91.45,
 Splines A 10, No./ teeth 9, Rotation CR
 Alternative no.: 333504



136614 Drive

Replacing: 1006209941, 1006209592
 Servicing: 0001107085, 0001110071, 0001110072, B001117153, B001117157, B001117161
 ID 12.00, OD 29.25, OD/ housing 48.85,
 Total length 58.25, Splines A 10,
 No./ teeth 9, Rotation CR
 Alternative no.: 333544



136723 Drive

Replacing: 1006209535, 1006209521
 Servicing: 0001106001, 0001106002, 0001106004, 0001108005, 0001108006, 0001108021, 0001108147, 0001108203, 0001108535, 0001111001
 ID 12.00, OD 25.20, OD/ housing 46.40,
 Total length 58.65, Splines A 10,
 No./ teeth 9, Rotation ACR



136743 Drive

Replacing: 9003336227, 9002336227, 9002336226, 6033ad2012
 Servicing: 0001218168, 0001218768, 0001218820, 0001219012, 0001219112, 9000331432
 ID 12.00, OD 36.25,
 OD/ housing 54.45, Total length 63.65,
 Splines A 10, No./ teeth 9, Rotation CR



136787 Drive

Replacing: 9003336223, 9002336223
 Servicing: 0001218162, 0001218165, 0001218765
 ID 12.00, OD 27.45, OD/ housing 54.20,
 Total length 60.85, Splines A 10,
 No./ teeth 10, Rotation CR
 Alternative no.: 333508



136854 Drive

Replacing: 1006209699, 1006209648, 1006209621
 Servicing: 0001124001, 0001124002, 0001124005, 0001124006, 0001125001, 0001125002, 0001125007, 0001125008, 0001125011, 0001125012
 ID 13.20, OD 27.75, OD/ housing 53.60,
 Total length 83.25, Splines A 16,
 No./ teeth 10, Rotation ACR
 Dust cover kit: HC-CARGO 230091.
 Alternative no.: 333177 , 136854Z, 136854ZZ



136854Z Drive

Replacing: 1006209699, 1006209648, 1006209621
 ID 13.54, OD 27.87,
 OD/ housing 52.16, Total length 83.50,
 Splines A 16, No./ teeth 10,
 Drive type Steel, Rotation ACR
 Alternative no.: 333177 , 136854, 136854ZZ



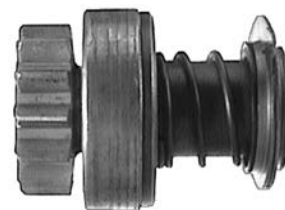
136854ZZ Drive

Replacing: 1006209699, 1006209648, 1006209621
 ID 11.00, OD 27.85, OD/ housing 54.40,
 Total length 82.40, Splines A 16,
 No./ teeth 10, Drive type Steel,
 Rotation ACR
 Alternative no.: 333177 , 136854, 136854Z



136888 Drive

Replacing: 1006209561
 Servicing: 0001108068, 0001108069, 0001108070, 0001108103, 0001108104, 0001108105, 0001108123, 0001108134, 0001108135, 0001108160
 ID 11.00, OD 25.35, OD/ housing 46.25,
 Total length 58.50, Splines A 10,
 No./ teeth 9, Rotation CR



136912 Drive

Replacing: 1006209474
 Servicing: 0001314031, B001315132
 ID 12.00, OD 40.35, OD/ housing 47.00,
 Total length 63.85, Splines A 10,
 No./ teeth 13, Rotation ACR



136925 Drive

Replacing: 1006209564
 Servicing: 0001108075, 0001108091, 0001108092, 0001108151, 0001108154, B001111266, B001111269, B001111306
 ID 12.00, OD 25.30, OD/ housing 46.35,
 Total length 58.50, Splines A 10,
 No./ teeth 9, Rotation CR



136985 Drive

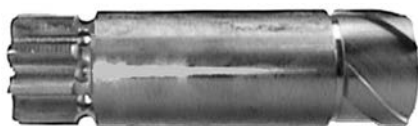
Replacing: 2006209489, 2006209488
 Servicing: 0001362094, 0001362099, 0001366005, 0001366006, 0001366013, 0001366014, 9000143204, B001811040, B001812383, B001812418
 ID 14.30, OD 34.30, OD/ housing 60.00,
 Total length 74.15, Splines A 10,
 No./ teeth 9, Rotation ACR


137170 Drive

Replacing: 1006209927, 1006209626, 1006209574
 Servicing: 0001110059, 0001110073, 0001110081, B001117272, B001117274
 ID 12.00, OD 28.00, OD/ housing 47.75, Total length 108.90, Splines A 10, No./ teeth 10, Rotation ACR


137171 Drive

Replacing: 9002336218
 Servicing: 0001218152, B001233216
 ID 12.00, OD 36.65, OD/ housing 57.65, Total length 62.75, Splines A 10, No./ teeth 9, Rotation CR


137199 Drive

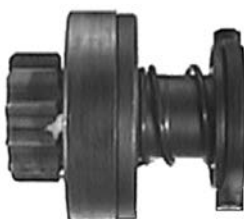
Replacing: 2006381410, 2006381010
 Servicing: 0001401007, 0001401025, 0001401049, 0001401051, 0001402002, 0001402008, 0001402018, 0001402050, 0001402054, 0001402058
 ID 14.60, OD 34.25, Total length 120.00, Splines A 3, No./ teeth 9
 Bronze.


137231 Drive

Replacing: 2006209542, 2006209540
 Servicing: 0001364400, 0001364402, 0001368313, 0001368318
 ID 14.30, OD 41.50, OD/ housing 60.00, Total length 90.45, Splines A 10, No./ teeth 11, Rotation CR
 Alternative no.: 333232


137265 Drive

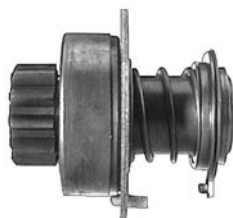
Replacing: 1006209933, 1006209587
 Servicing: 0001112017, B001180054
 ID 12.00, OD 26.90, OD/ housing 47.00, Total length 54.00, Splines A 10, No./ teeth 8, Rotation CR


137275 Drive

Replacing: 9002336230
 Servicing: 0001218172, 0001218772
 ID 12.00, OD 35.35, OD/ housing 54.40, Total length 64.00, Splines A 10, No./ teeth 11, Rotation CR


137279 Drive

Replacing: 1006209914, 1006209482
 Servicing: 0001314047, 0001316012, 0001316013, B001315186, B001328030
 ID 12.00, OD 33.00, OD/ housing 54.40, Total length 75.15, Splines A 10, No./ teeth 10, Rotation CR


137299 Drive

Replacing: 1006209432, 1006209082, 1003209432
 Servicing: 0001315002, B001317004
 ID 12.00, OD 29.75, OD/ housing 47.75, Total length 64.10, Splines A 10, No./ teeth 11, Rotation ACR


137310 Drive

Replacing: 9003336292
 Servicing: 9000331420
 ID 12.00, OD 32.00, OD/ housing 53.65, Total length 58.00, Splines A 10, No./ teeth 12, Rotation CR


137480 Drive

Replacing: 1006209758, 1006209649, 1006209628
 Servicing: 0001123003, 0001124003, 0001124004, 0001124013, 0001124014, 0001125005, 0001125006, 0001125009, 0001125035, 0001125036
 ID 11.20, OD 25.35, OD/ housing 53.70, Total length 83.65, Splines A 16, No./ teeth 9, Rotation ACR
 Dust cover kit: HC-CARGO 230338.
 Alternative no.: 333179 , 137480Z, 137480ZZ


137480Z Drive

Replacing: 1006209758, 1006209649, 1006209628
 ID 13.58, OD 25.27, OD/ housing 52.17, Total length 84.82, Splines A 16, No./ teeth 9, Drive type Steel, Rotation ACR
 Dust cover kit: HC-CARGO 230338.
 Alternative no.: 333179 , 137480, 137480ZZ

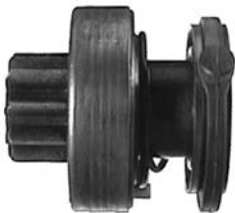


137480ZZ Drive

Replacing: 1006209758, 1006209649, 1006209628

ID 11.00, OD 25.40, OD/ housing 54.50, Total length 81.45, Splines A 16, No./ teeth 9, Drive type Steel, Rotation ACR

Alternative no.: 333179 , 137480, 137480Z



137481 Drive

Replacing: 1006209937, 1006209815, 1006209690, 1006209677, 1006209672, 1006209638, 1006209618

Servicing: 0001107037, 0001107048, 0001107054, 0001107055, 0001107067, 0001107068, 0001107069, 0001107072, 0001107073, 0001107074

ID 12.00, OD 25.30, OD/ housing 46.90, Total length 51.00, Splines A 10, No./ teeth 9, Rotation CR

Alternative no.: 333178 , 137481z



137481Z Drive

Replacing: 1006209937, 1006209815, 1006209690, 1006209677, 1006209672, 1006209638, 1006209618

ID 12.00, OD 25.30, OD/ housing 46.25, Total length 50.60, Splines A 10, No./ teeth 9, Drive type Steel, Rotation CR

Alternative no.: 333178 , 137481



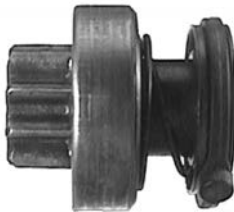
137483 Drive

Replacing: 1006209944, 1006209777, 1006209715, 1006209706, 1006209696, 1006209692, 1006209633, 1006209624

Servicing: 0001106011, 0001106014, 0001106015, 0001107047, 0001107063, 0001107077, 0001107089, 0001107091, 0001107097, 0001107098

ID 12.00, OD 25.00, OD/ housing 46.35, Total length 49.00, Splines A 10, No./ teeth 9, Rotation CR

Alternative no.: 333191



137888 Drive

Replacing: 1006209983, 1006209660, 1006209634

Servicing: 0001107062, 0001108157, 0001108169, 0001108190, 0001108196, 0001108230, 0001108231, 0001109204, 0001115040, 0001115041

ID 12.00, OD 28.85, OD/ housing 46.40, Total length 51.25, Splines A 10, No./ teeth 9, Rotation CR

Alternative no.: 333192



137889 Drive

Replacing: 1006209637

Servicing: 0001109015, 0001109052, 0001109055, 0001109062, 0001109068

ID 12.00, OD 27.80, OD/ housing 54.25, Total length 57.00, Splines A 10, No./ teeth 10, Rotation CR

Alternative no.: 333199



137890 Drive

Replacing: 1006209946, 1006209759, 1006209643, 1006209636

Servicing: 0001124007, 0001124008, 0001124011, 0001124012, 0001124018, 0001124019, 0001124022, 0001124023, 0001124024, 0001124025

ID 11.20, OD 25.40, OD/ housing 53.60, Total length 93.50, Splines A 16, No./ teeth 9, Rotation ACR

Alternative no.: 333181 , 137890z



137890Z Drive

Replacing: 1006209946, 1006209759, 1006209643, 1006209636

ID 11.00, OD 25.30, OD/ housing 54.20, Total length 92.10, Splines A 16, No./ teeth 9, Drive type Steel, Rotation ACR

Alternative no.: 333181 , 137890



137891 Drive

Replacing: 1006209652

Servicing: 0001107059, 0001107082

ID 12.00, OD 49.45, OD/ housing 53.40, Total length 48.65, Splines A 10, No./ teeth 21, Rotation CR

Alternative no.: 137891z



137891Z Drive

Replacing: 1006209652

ID 12.00, OD 49.70, OD/ housing 54.00, Total length 47.00, Splines A 10, No./ teeth 21, Rotation CR

Alternative no.: 137891


137981 Drive

Replacing: 1006209929, 1006209629
 Servicing: 0001107043, 0001107087, 0001113010, 0001113017
 ID 12.00, OD 26.70,
 OD/ housing 46.15, Total length 50.40,
 Splines A 10, No./ teeth 10, Rotation CR
 Alternative no.: 333216


138233 Drive

Replacing: 1006209613
 Servicing: 0001107031, 0001107032, 0001107049, 6004AA0018, 9007045009, 9007045018, 9007045020
 ID 11.00, OD 27.00,
 OD/ housing 46.25, Total length 54.30,
 Splines A 10, No./ teeth 8, Rotation CR


138252 Drive

Replacing: 1006209602
 Servicing: 0001107024, 0001115042, B001110080
 ID 12.00, OD 29.60,
 OD/ housing 47.70, Total length 53.45,
 Splines A 10, No./ teeth 9, Rotation ACR


138308 Drive

Replacing: 2008109203, 2006202011, 2006202010
 Servicing: 0001370003, 0001370004, 0001371004, 0001371005, 0001371006, 0001371007, 0001371008, 0001371009, 0001371010, 0001371013
 ID 15.90, OD 41.25,
 OD/ housing 58.00, Total length 118.00,
 Splines A 19, No./ teeth 11, Rotation CR
 Alternative no.: 138308zz


138308ZZ Drive

Replacing: 2008109203, 2006202011, 2006202010
 ID 15.90, OD 41.50,
 OD/ housing 58.00, Total length 118.00,
 Splines A 19, No./ teeth 11, Rotation CR
 Alternative no.: 138308


138316 Drive

Replacing: 2006209432
 Servicing: 0001367054, B001816187
 ID 14.30, OD 40.00,
 OD/ housing 60.00, Total length 91.00,
 Splines A 10, No./ teeth 10, Rotation CR


138322 Drive

Replacing: 1006209642
 Servicing: 0001109014, 0001115001
 ID 12.00, OD 27.70,
 OD/ housing 53.00, Total length 50.50,
 Splines A 10, No./ teeth 10, Rotation CR
 Alternative no.: 333214


138332 Drive

Replacing: 9001453601
 Servicing: 0001371001, 9000453064, 9000453065, 9000453067, 9000453068, B001850025, B001851012
 ID 15.85, OD 46.15,
 OD/ housing 58.00, Total length 118.30,
 Splines A 19, No./ teeth 12, Rotation CR


138867 Drive

Replacing: 2006209479
 Servicing: 0001362060, 0001362090, B001812178
 ID 14.00, OD 40.00,
 OD/ housing 60.00, Total length 74.00,
 Splines A 10, No./ teeth 11, Rotation CR


138874 Drive

Replacing: 1006209932, 1006209588
 Servicing: 0001112018, B001180055
 ID 12.00, OD 27.00,
 OD/ housing 46.50, Total length 69.60,
 Splines A 10, No./ teeth 8, Rotation ACR


138875 Drive

Replacing: 1006209762, 1006209641
 Servicing: 0001121001, 0001121002, 0001121003, 0001121030, 0001121031, 0001121032, 0001121033, 0001121034, 0001121035, 0001123001
 ID 11.10, OD 25.20,
 OD/ housing 47.65, Total length 82.85,
 Splines A 16, No./ teeth 9, Rotation CR
 Alternative no.: 333183 , 138875Z


138875Z Drive

Replacing: 1006209762, 1006209641
 ID 11.00, OD 25.30, OD/ housing 46.30,
 Total length 81.80, Splines A 16,
 No./ teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 333183 , 138875



138876 Drive

Replacing: 9001336320
 Servicing: 9000334101, 9003334101
 ID 12.00, OD 27.25,
 OD/ housing 47.75, Total length 62.00,
 Splines A 10, No./ teeth 10,
 Rotation ACR



138946 Drive

Replacing: 1006209420
 Servicing: 0001311056, 0001314016,
 B001315028, B001324012
 ID 12.00, OD 34.40,
 OD/ housing 47.00, Total length 64.00,
 Splines A 10, No./ teeth 9, Rotation ACR



138948 Drive

Replacing: 9002336208
 Servicing: 0001218809, 9000331419
 ID 12.00, OD 25.00,
 OD/ housing 54.35, Total length 65.50,
 Splines A 10, No./ teeth 9, Rotation CR



139013 Drive

Replacing: 1006209928, 1006209627,
 1006209606, 1006209605
 Servicing: 0001108137, 0001108144,
 0001108156, 0001109040, 0001110090,
 0001110120, B001116118, B001117613
 ID 12.00, OD 25.25,
 OD/ housing 46.50, Total length 59.50,
 Splines A 10, No./ teeth 9, Rotation CR



139056 Drive

Replacing: 9002336236, 6033ad4148,
 6033ad4034, 6033ad3850, 6033ad3244,
 6033AD3111, 6033ad3108, 6033ad3006
 Servicing: 0001230001, 0001230006,
 0001230012, 0001230013, 0001230014,
 0001230027, 0001231002, 0001231003,
 0001231005, 0001231018
 ID 14.30, OD 34.50,
 OD/ housing 59.00, Total length 82.25,
 Splines A 10, No./ teeth 9, Rotation CR
 Alternative no.: 333202 , 139056Z



139056Z Drive

Replacing: 9002336236, 6033ad4148,
 6033ad4034, 6033ad3850, 6033ad3244,
 6033AD3111, 6033ad3108, 6033ad3006
 ID 14.45, OD 34.80, OD/ housing 60.00,
 Total length 82.50, Splines A 10,
 No./ teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 333202 , 139056



139336 Drive

Replacing: 1006209555
 Servicing: 0001317024, B001329044
 ID 12.00, OD 29.00,
 OD/ housing 46.30, Total length 64.00,
 Splines A 10, No./ teeth 11, Rotation CR



139458 Drive

Replacing: 9002336225
 Servicing: 0001218166, 0001218766
 ID 11.75, OD 37.00,
 OD/ housing 54.00, Total length 58.00,
 Splines A 10, No./ teeth 10, Rotation CR



139503 Drive

Replacing: 1006209107, 1006209073
 Servicing: 0001214002
 ID 12.00, OD 30.50,
 OD/ housing 48.00, Total length 68.00,
 Splines A 10, No./ teeth 9, Rotation ACR



139558 Drive

Replacing: 2006209491
 Servicing: 0001362052, 0001367016,
 0001367064, 0001367065, 9000143410,
 9000143600, 9000143602, 9000143603,
 9000143604, B001812210
 ID 14.40, OD 39.80,
 OD/ housing 60.00, Total length 91.00,
 Splines A 10, No./ teeth 11, Rotation CR



139850 Drive

Replacing: 1006209922, 1006209910, 1006209583,
 1006209565, 1006209558, 1006209553
 Servicing: 0001107005, 0001107006,
 0001108059, 0001108060, 0001108076,
 0001108077, 0001108096, 0001108097,
 0001112010, 0001112011
 ID 12.00, OD 27.70, OD/ housing 46.80,
 Total length 79.50, Splines A 10,
 No./ teeth 10, Rotation ACR
 Alternative no.: 333221


139954 Drive

Replacing: 1006209675, 1006209670, 1006209607

Servicing: 0001106019, 0001107030, 0001107066, 0001107075, 0001107078, 0001107079, 0001108181, 9000694035, 9000694044, B001110240

ID 12.00, OD 29.25,
OD/ housing 46.85, Total length 49.00,
Splines A 10, No./ teeth 9, Rotation CR
Alternative no.: 333208


230144 Drive

Replacing: 2006209503, 2006209501, 2006209477

Servicing: 0001363106, 0001363119, 0001363120, 0001363123, B001813206, B001813221, B001813239, B001813252

ID 12.00, OD 27.45,
OD/ housing 53.40, Total length 71.65,
Splines A 10, No./ teeth 10, Rotation CR
Alternative no.: 230144z


230144Z Drive

Replacing: 2006209503, 2006209501, 2006209477

ID 12.00, OD 27.45,
OD/ housing 54.00, Total length 70.65,
Splines A 10, No./ teeth 10,
Drive type Steel, Rotation CR
Alternative no.: 230144


230145 Drive

Replacing: 2006209535

Servicing: 0001367025, 0001368004, B001816061, B001816062

ID 14.30, OD 39.75,
OD/ housing 60.00, Total length 90.50,
Splines A 10, No./ teeth 11, Rotation CR


230159 Drive

Replacing: 1006209433, 1006209083

Servicing: 0001314003, B001315015

ID 12.00, OD 34.00,
OD/ housing 47.70, Total length 64.15,
Splines A 10, No./ teeth 9, Rotation ACR


230197 Drive

Replacing: 1006209419

Servicing: 0001311054, B001324007

ID 12.00, OD 46.85,
OD/ housing 53.75, Total length 63.70,
Splines A 10, No./ teeth 13, Rotation CR


230336 Drive

Replacing: 9002336219

Servicing: 9000331201, 9000331203

ID 12.00, OD 35.00,
OD/ housing 58.00, Total length 62.00,
Splines A 10, No./ teeth 9, Rotation CR
Alternative no.: 333511


230339 Drive

Replacing: 1006209757, 1006209657

Servicing: 0001121006, 0001121007, 0001121011, 0001121028, 0001121029, F004A94029

ID 11.00, OD 25.35,
OD/ housing 46.20, Total length 82.25,
Splines A 16, No./ teeth 9, Rotation ACR
Dust cover kit: HC-CARGO 230338.

Alternative no.: 333200


230340 Drive

Replacing: f00mal1100, f000al1100, 1006209680

Servicing: 0001121008, 0001121009, 0001121010, 0001121011, 0001121016, 0001121017, 0001121018, 0001121019, 0001121024, 0001121025

ID 11.20, OD 27.75, OD/ housing 46.35,
Total length 82.85, Splines A 16,
No./ teeth 10, Rotation ACR

Alternative no.: 333215


230349 Drive

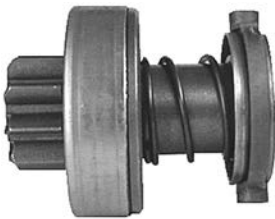
Replacing: 1006209620

Servicing: 0001109012, 0001109047

ID 12.00, OD 34.00,
OD/ housing 47.75, Total length 58.80,
Splines A 10, No./ teeth 9, Rotation ACR



230350 Drive
 Replacing: 1006209622
 Servicing: 0001110110
 ID 12.00, OD 39.80,
 OD/ housing 53.65, Total length 59.00,
 Splines A 10, No./ teeth 13, Rotation CR
 Alternative no.: 333229



230351 Drive
 Replacing: 9002336216
 Servicing: 0001218143, 0001218144,
 0001218171, 0001218771, B001233189,
 B001233194
 ID 12.00, OD 29.60,
 OD/ housing 53.70, Total length 64.00,
 Splines A 10, No./ teeth 9, Rotation CR



230352 Drive
 Replacing: 1006209646
 Servicing: 0001109026
 ID 12.00, OD 29.00,
 OD/ housing 54.00, Total length 51.50,
 Splines A 10, No./ teeth 11, Rotation CR
 Alternative no.: 333553



230546 Drive
 Replacing: 9003336287, 9002336287,
 9002336224
 Servicing: 0001218153, 0001218157,
 0001218757, 9000331414
 ID 12.00, OD 28.80,
 OD/ housing 54.50, Total length 61.50,
 Splines A 10, No./ teeth 9, Rotation CR



230639 Drive
 Replacing: 1006209603
 Servicing: 0001108128, B001111390
 ID 12.00, OD 28.00,
 OD/ housing 48.80, Total length 57.75,
 Splines A 10, No./ teeth 10, Rotation CR



230789 Drive
 Replacing: 2006209468
 Servicing: 0001363108, 0001366025,
 B001811056, B001813212
 ID 14.30, OD 33.40,
 OD/ housing 60.00, Total length 72.90,
 Splines A 10, No./ teeth 9, Rotation CR



230828 Drive
 Replacing: 1006209987, 1006209950,
 1006209802, 1006209645
 Servicing: 0001109025, 0001109030,
 0001109033, 0001109035, 0001109045,
 0001109200, 0001109201, 0001109253,
 0001109265, 0001109266
 ID 12.00, OD 29.25,
 OD/ housing 54.35, Total length 51.00,
 Splines A 10, No./ teeth 9, Rotation CR
 Alternative no.: 333571



230834 Drive
 Replacing: 1006209671
 Servicing: 0001108180, 0001108182,
 0001108186
 ID 12.00, OD 29.00,
 OD/ housing 50.00, Total length 50.50,
 Splines A 10, No./ teeth 11, Rotation CR
 Alternative no.: 333180 , 230834Z



230834Z Drive
 Replacing: 1006209671
 ID 12.00, OD 29.35, OD/ housing 50.10,
 Total length 51.50, Splines A 10,
 No./ teeth 11, Drive type Steel, Rotation CR
 Alternative no.: 333180 , 230834



230835 Drive
 Replacing: f005m10053, F000AL1209,
 1006209678, 1006209635, 1006209631
 Servicing: 0001108183, 0001108217,
 0001108218, 0001109036, 0001109250,
 0001110112, 0001115001, 0001115008,
 F000AL0101, F000AL0104
 ID 12.00, OD 27.75, OD/ housing 46.30,
 Total length 50.00, Splines A 10,
 No./ teeth 10, Rotation CR
 Alternative no.: 333189



230961 Drive
 Replacing: 2006382188, 2006382182, 2006382178
 Servicing: 0001410064, 0001410097,
 0001411004, 0001411019, 0001415023,
 0001416029, 0001416037, 0001416046,
 0001416063, 0001417015
 ID 10.20, OD 39.10, Total length 61.00,
 Shaft length 39.85, No./ teeth 10, Rotation CR



231009 Drive
 Replacing: 1006209650
 Servicing: 0001109029
 ID 12.00, OD 29.30,
 OD/ housing 46.00, Total length 51.00,
 Splines A 10, No./ teeth 9, Rotation ACR
 Alternative no.: 231009


231015 Drive

Replacing: 1006209931, 1006209590
 Servicing: 0001107011, 0001107039, B001110092
 ID 12.25, OD 27.00,
 OD/ housing 48.30, Total length 65.80,
 Splines A 10, No./ teeth 8, Rotation ACR


231585 Drive

Replacing: 2006209903, 2006209187,
 2006209033, 2006209003
 Servicing: 0001354009
 ID 14.45, OD 46.80,
 OD/ housing 59.00, Total length 90.40,
 Splines A 3, No./ teeth 13, Rotation CR


231756 Drive

Replacing: 9002336237, 6033ad4019,
 6033AD3334, 6033ad0200, 6033ad0184
 Servicing: 0001230004, 0001230008,
 0001231001, 0001231009, 0001231012,
 0001231016, 0001231017, 0001231026,
 0001231027, 0001231039
 ID 14.35, OD 39.55,
 OD/ housing 62.20, Total length 83.80,
 Splines A 10, No./ teeth 10, Rotation CR
 Alternative no.: 333185


231884 Drive

Replacing: 2006209282, 1006209120,
 1006209054, 1006209050
 Servicing: 0001212001, 0001215001,
 0001215002, B001223001
 OD 25.30, OD/ housing 47.75, Splines A 10,
 Total length 98.00, No./ teeth 9, Rotation CR


231885 Drive

Replacing: 2006209434
 Servicing: 0001367061, B001816377
 ID 14.30, OD 29.20,
 OD/ housing 60.00, Total length 91.00,
 Splines A 10, No./ teeth 9, Rotation ACR


231886 Drive

Replacing: 2006209329
 Servicing: 0001363103, 0001366010,
 B001811032, B001813213
 ID 14.25, OD 46.50, OD/ housing 60.00,
 Total length 73.50, Splines A 10,
 No./ teeth 13, Rotation ACR


231896 Drive

Replacing: 1006209704
 Servicing: 0001116001
 ID 12.00, OD 25.20,
 OD/ housing 46.30, Total length 46.00,
 Splines A 10, No./ teeth 9, Rotation CR
 Alternative no.: 333210


231897 Drive

Replacing: 1006209924, 1006209601
 Servicing: 0001109008, 0001109043,
 B001116015
 ID 12.00, OD 29.50,
 OD/ housing 53.65, Total length 70.00,
 Splines A 10, No./ teeth 9, Rotation CR


231898 Drive

Replacing: 6033ad0061
 Servicing: 0001223002
 ID 12.00, OD 35.35,
 OD/ housing 54.45, Total length 64.25,
 Splines A 16, No./ teeth 11, Rotation CR
 Alternative no.: 333509


232362 Drive

Replacing: 9002336233
 Servicing: 0001218819, 9000331431
 ID 12.00, OD 34.00,
 OD/ housing 60.00, Total length 68.75,
 Splines A 10, No./ teeth 9, Rotation CR


232481 Drive

Replacing: 1006209542
 Servicing: 0001110018, B001117046
 ID 12.00, OD 30.00,
 OD/ housing 48.00, Total length 58.00,
 Splines A 10, No./ teeth 9, Rotation ACR


232623 Drive

Replacing: 1006209943, 1006209681
 Servicing: 0001125016, 0001125017,
 0001125018, 0001125019, 0001125046,
 0001125047, 0001125048, 0001125049,
 0001125605, 0001125606
 ID 12.00, OD 27.94, OD/ housing 54.50,
 Total length 103.50, Splines A 16,
 No./ teeth 10, Rotation ACR
 Alternative no.: 333564



232632 Drive

Replacing: 2006202000
 Servicing: 0001420001, 0001420003, 0001420004, 0001420005, 0001420009, 0001420012, 0001420013, 0001420014, 0001420015, 0001420024
 ID 19.00, OD 46.30,
 OD/ housing 58.00, Total length 118.45,
 Splines A 19, No./ teeth 12, Rotation CR



233719 Drive

Replacing: 6033ad0414
 Servicing: 0001223013
 ID 11.75, OD 36.00,
 OD/ housing 53.00, Total length 58.00,
 Splines A 16, No./ teeth 9, Rotation CR
 Alternative no.: 333206



233720 Drive

Replacing: 1006209947, 1006209653
 Servicing: 0001109041, 0001109048, 0001109061, 0001109063, 0001109252, 0001109256, 0001109264
 ID 12.00, OD 25.35,
 OD/ housing 53.50, Total length 50.80,
 Splines A 10, No./ teeth 9, Rotation CR



233722 Drive

Replacing: 6033AD4243, 6033ad0129
 Servicing: 0001231004, 0001263012
 ID 14.30, OD 46.25,
 OD/ housing 59.50, Total length 84.35,
 Splines A 10, No./ teeth 12, Rotation CR
 Alternative no.: 333500



233723 Drive

Replacing: 6033AD3106, 6033ad0267
 Servicing: 0001230002
 ID 14.30, OD 39.80,
 OD/ housing 60.00, Total length 83.40,
 Splines A 10, No./ teeth 11, Rotation CR
 Alternative no.: 333599



233828 Drive

Replacing: 1006209656
 Servicing: 0001109028, 0001109031, 0001109419, 0001109420, 0001110132, F000AL0108
 ID 12.00, OD 34.40,
 OD/ housing 50.00, Total length 50.60,
 Splines A 10, No./ teeth 9, Rotation CR
 Alternative no.: 333193



233829 Drive

Replacing: 1006209669
 Servicing: 0001109034
 ID 12.00, OD 38.85,
 OD/ housing 53.25, Total length 51.50,
 Splines A 10, No./ teeth 10, Rotation CR
 Alternative no.: 233829z



233829Z Drive

Replacing: 1006209669
 ID 12.00, OD 38.75,
 OD/ housing 54.15, Total length 51.00,
 Splines A 10, No./ teeth 10,
 Drive type Steel, Rotation CR
 Alternative no.: 233829



233831 Drive

Replacing: 1006209647
 Servicing: 0001108168
 ID 12.00, OD 35.30,
 OD/ housing 48.85, Total length 48.60,
 Splines A 10, No./ teeth 11,
 Rotation ACR



233834 Drive

Replacing: 9002336217, 9002334025
 Servicing: 0001218148, 0001218149, B001233270
 ID 12.00, OD 25.30,
 OD/ housing 53.55, Total length 65.30,
 Splines A 10, No./ teeth 9, Rotation ACR



233835 Drive

Replacing: 6033ad1002, 6033ad0077
 Servicing: 0001223003, 0001223007, 0001223024
 ID 12.00, OD 35.00,
 OD/ housing 54.50, Total length 64.20,
 Splines A 16, No./ teeth 9, Rotation CR
 Alternative no.: 333204



233836 Drive

Replacing: 6033ad0004
 Servicing: 0001223001
 ID 12.00, OD 29.00,
 OD/ housing 57.35, Total length 59.25,
 Splines A 16, No./ teeth 9, Rotation CR
 Alternative no.: 333593 , 233836z


233836Z Drive

Replacing: 6033ad0004

 ID 12.00, OD 29.20, OD/ housing 54.25,
 Total length 58.70, Splines A 16,
 No./ teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 233836

233837 Drive

 Replacing: 6033ad3130, 6033AD3120,
 6033ad0148

 Servicing: 0001230007, 0001230009,
 0001230010, 0001230023, 0001231010,
 0001231011

 ID 14.30, OD 34.35,
 OD/ housing 60.00, Total length 84.00,
 Splines A 10, No./ teeth 9, Rotation CR
 Alternative no.: 333219

233838 Drive

Replacing: 1006209930, 1006209632

Servicing: 0001112036

 ID 12.00, OD 26.00,
 OD/ housing 47.85, Total length 59.00,
 Splines A 10, No./ teeth 9, Rotation ACR

233839 Drive

Replacing: 1006209659

Servicing: 0001107064

 ID 12.00, OD 34.70,
 OD/ housing 47.70, Total length 51.65,
 Splines A 10, No./ teeth 13, Rotation CR
 Alternative no.: 333184

233840 Drive

Replacing: 1006209683

Servicing: M14, 0001107083

 ID 12.00, OD 34.20,
 OD/ housing 47.40, Total length 51.00,
 Splines A 10, No./ teeth 9, Rotation CR

233841 Drive

Replacing: 1006209753

Servicing: 0001106016

 ID 12.00, OD 25.65,
 OD/ housing 47.65, Total length 68.70,
 Splines A 10, No./ teeth 9, Rotation ACR

233842 Drive

Replacing: 1006209466

 Servicing: 0001314025, 0001314032,
 0001314043, 0001314045, B001315122,
 B001315177, B001315181

 ID 12.00, OD 29.60,
 OD/ housing 48.00, Total length 63.65,
 Splines A 10, No./ teeth 9, Rotation CR

233947 Drive

Replacing: 6033ad1062

Servicing: 0001223016, 0001223021

 ID 12.00, OD 34.50,
 OD/ housing 54.40, Total length 64.00,
 Splines A 16, No./ teeth 9, Rotation CR
 Alternative no.: 333212

233948 Drive

Replacing: 6033ad0250

 Servicing: 0001231013, 0001231036,
 0001231040, 0001231041

 ID 14.35, OD 41.50, OD/ housing 60.00,
 Total length 83.00, Splines A 10,
 No./ teeth 11, Rotation CR
 Alternative no.: 333187

234065 Drive

Replacing: 9002336232, 2002336232

Servicing: 0001218173

 ID 12.10, OD 25.30, OD/ housing 53.00,
 Total length 58.30, Splines A 10,
 No./ teeth 9, Rotation CR

234087 Drive

 Replacing: 9006033306, 9006033136,
 6033AD0306, 6033ad0243

Servicing: 0001231008, 0001231029, 0001231035

 ID 14.30, OD 37.70, OD/ housing 60.00,
 Total length 85.00, Splines A 10,
 No./ teeth 10, Rotation CR

Alternative no.: 333218


234124 Drive

Replacing: 1006209804

 Servicing: 0001107407, 0001107410,
 0001107417, 0001107418, 0001107499,
 0001107500, 0001107501, 0001107502,
 0001108408, 0001108430

 ID 11.10, OD 26.80, OD/ housing 45.35,
 Total length 48.50, Splines A 16,
 No./ teeth 10, Rotation CR

Alternative no.: 333171 , 234124Z



234124Z Drive
 Replacing: 1006209804
 ID 11.00, OD 26.80, OD/ housing 46.25,
 Total length 48.10, Splines A 16,
 No./ teeth 10, Drive type Steel, Rotation CR
 Alternative no.: 333171 , 234124



234141 Drive
 Replacing: 1006209960, 1006209949,
 1006209783, 1006209755
 Servicing: 0001124020, 0001124021,
 0001125053, 0001125054, 0001125600,
 0001125601, 0001125607, 0001125608
 ID 11.30, OD 29.00,
 OD/ housing 53.70, Total length 92.55,
 Splines A 16, No./ teeth 9, Rotation CR



234158 Drive
 Replacing: 1006209936, 1006209791,
 1006209666
 Servicing: 0001109021, 0001109022,
 0001109066, 0001109067, 0001109258,
 0001109259, 0001109260, 0001109261,
 0001109319, 0001109320
 ID 12.00, OD 32.70,
 OD/ housing 53.50, Total length 61.40,
 Splines A 9, No./ teeth 10, Rotation CR



234168 Drive
 Replacing: 6033ad0218
 Servicing: 0001223005
 ID 12.00, OD 27.80,
 OD/ housing 53.00, Total length 60.65,
 Splines A 16, No./ teeth 10, Rotation CR
 Alternative no.: 333222



234242 Drive
 Replacing: 1006209661
 Servicing: 0001107102, 0001108197,
 0001108205, 0001108213, 0001108214,
 0001108222, 0001108223, 0001115005,
 0001115006, 0001115009
 ID 12.00, OD 27.80,
 OD/ housing 50.00, Total length 71.00,
 Splines A 16, No./ teeth 10, Rotation CR
 Alternative no.: 333224



234247 Drive
 Replacing: 1006209807, 1006209801, 1006209793
 Servicing: 0001107401, 0001107402,
 0001107403, 0001107404, 0001107405,
 0001107406, 0001107408, 0001107409,
 0001107421, 0001107422
 ID 11.00, OD 25.50,
 OD/ housing 45.00, Total length 48.00,
 Splines A 16, No./ teeth 9, Rotation CR
 Alternative no.: 234247z



234247Z Drive
 Replacing: 1006209807, 1006209801, 1006209793
 ID 11.00, OD 25.20, OD/ housing 46.25,
 Total length 48.35, Splines A 16,
 No./ teeth 9, Drive type Steel,
 Rotation CR
 Alternative no.: 234247



234271 Drive
 Replacing: 1006209639
 Servicing: 0001109017
 ID 12.00, OD 35.75,
 OD/ housing 53.00, Total length 59.00,
 Splines A 10, No./ teeth 11, Rotation CR



234293 Drive
 Replacing: 1006209760, 1006209655
 Servicing: 0001125055, 0001125056,
 0001125501, 0001125502, 0001125503,
 0001125504, 0001125507, 0001125508,
 0001125511, 0001125512
 ID 13.60, OD 26.00, Total length 81.00,
 Splines A 16, No./ teeth 9, Rotation CR
 Alternative no.: 333211



234403 Drive
 Replacing: 9003336282
 Servicing: 0001218161, 0001218808,
 9000218161, 9000331418
 ID 12.00, OD 34.35,
 OD/ housing 54.35, Total length 61.80,
 Splines A 10, No./ teeth 9, Rotation CR


234405 Drive

Replacing: 6033ad0270
 Servicing: 0001223010
 ID 12.00, OD 35.00,
 OD/ housing 54.30, Total length 59.65,
 Splines A 16, No./ teeth 9, Rotation CR


234534 Drive

Replacing: 1006209440
 Servicing: 0001314008, B001315050
 ID 12.00, OD 29.00,
 OD/ housing 47.15, Total length 64.00,
 Splines A 10, No./ teeth 9, Rotation ACR


234535 Drive

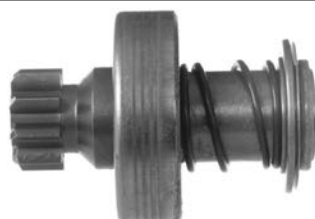
Replacing: 1006209812
 Servicing: 0001108400, F004A94000, F004A94001
 ID 10.90, OD 27.80,
 OD/ housing 45.00, Total length 47.80,
 Splines A 16, No./ teeth 10, Rotation CR
 Alternative no.: 333195


234785 Drive

Replacing: 1006209806
 Servicing: 0001120400, 0001120401,
 0001120404, 0001120405, 0001120406,
 0001120407, 0001120408, 0001120409,
 0001120410, 0001120411
 ID 12.00, OD 27.94, OD/ housing 53.50,
 Total length 83.10, Splines A 16,
 No./ teeth 10, Rotation ACR
 Alternative no.: 333551


234806 Drive

Replacing: 1006209658, 1006209595
 Servicing: 0001107060, 0001108118, 0001108119
 ID 11.90, OD 30.00,
 OD/ housing 47.70, Total length 53.00,
 Splines A 10, No./ teeth 9, Rotation CR


234807 Drive

Replacing: 1006209925, 1006209481
 Servicing: 0001314046, 0001314049,
 0001316011, B001315184, B001328029
 ID 12.00, OD 26.00,
 OD/ housing 53.65, Total length 75.00,
 Splines A 10, No./ teeth 9, Rotation CR


234862 Drive

Replacing: 9002336238
 Servicing: 0001219014
 ID 12.00, OD 34.50,
 OD/ housing 53.35, Total length 62.00,
 Splines A 10, No./ teeth 9, Rotation CR


234901 Drive

Replacing: 6033AD0351
 Servicing: 0001223014
 ID 12.00, OD 27.50,
 OD/ housing 57.30, Total length 60.00,
 Splines A 16, No./ teeth 10, Rotation CR


234902 Drive

Replacing: 1006209959, 1006209792, 1006209779
 Servicing: 0001108202, 0001108224,
 0001108234, 0001108235, 0001108239,
 0001108240, 0001109204, 0001115021,
 0001115025
 ID 12.00, OD 29.00,
 OD/ housing 47.65, Total length 51.00,
 Splines A 10, No./ teeth 9, Rotation CR
 Alternative no.: 333579


234924# Drive

Replacing: 2006209460
 Servicing: 0001362317, 0001362318,
 B001812419, B001812424
 ID 14.35, OD 36.30,
 OD/ housing 60.20, Total length 91.00,
 Splines A 10, No./ teeth 9, Rotation CR


234945 Drive

Replacing: f000a12000, 1006209614
 Servicing: 6004AA0017, 9007045016
 ID 12.00, OD 26.00,
 OD/ housing 46.15, Total length 67.00,
 Splines A 10, No./ teeth 8, Rotation ACR


234946 Drive

Replacing: 1006209958, 1006209814, 1006209805
 Servicing: 0001107411, 0001107423,
 0001107425, 0001107426, 0001107490,
 0001107491
 ID 11.05, OD 29.60,
 OD/ housing 45.15, Total length 48.00,
 Splines A 16, No./ teeth 9, Rotation CR



234971 Drive

Replacing: 2006209461
 Servicing: 0001368077, B001816486
 ID 14.25, OD 35.80,
 OD/ housing 60.00, Total length 91.00,
 Splines A 10, No./ teeth 11, Rotation CR



235200 Drive

Replacing: 1006209714
 Servicing: 0001116006
 ID 12.00, OD 27.00,
 OD/ housing 47.00, Total length 48.10,
 Splines A 10, No./ teeth 8, Rotation CR



235290 Drive

Replacing: 1006209820, 1006209810,
 1006209794
 Servicing: 0001107415, 0001107431,
 0001107432, 0001107438, 0001107439,
 6004AA0027
 ID 11.00, OD 27.15,
 OD/ housing 47.25, Total length 48.00,
 Splines A 10, No./ teeth 8, Rotation CR
 Alternative no.: 333542



235425 Drive

Replacing: 1006209768
 Servicing: 0001106018, 000110608
 ID 12.00, OD 26.00,
 OD/ housing 25.00, Total length 56.00,
 Splines A 10, No./ teeth 9, Rotation CR



235429 Drive

Replacing: 6033AD3109, 6033ad3028
 Servicing: 0001230015, 0001230016,
 0001230028, 0001230029
 ID 14.30, OD 60.00,
 OD/ housing 42.00, Total length 99.00,
 Splines A 10, No./ teeth 13, Rotation CR



235440 Drive

Replacing: 1006209695
 Servicing: 0001107088, 9001107088,
 f000al0106
 ID 12.00, OD 34.90,
 OD/ housing 34.50, Total length 50.00,
 Splines A 10, No./ teeth 11, Rotation CR
 Alternative no.: 333186 , 235440Z



235440Z Drive

Replacing: 1006209695
 ID 12.00, OD 34.90,
 OD/ housing 46.25, Total length 49.00,
 Splines A 10, No./ teeth 11,
 Drive type Steel, Rotation CR
 Alternative no.: 333186 , 235440



235445 Drive

Replacing: 2006209089
 Servicing: 0001354094
 ID 14.40, OD 37.95,
 OD/ housing 53.75, Total length 91.00,
 Splines A 10, No./ teeth 10, Rotation CR



235701 Drive

Replacing: 2006209930, 2006209536
 Servicing: 0001367074, 0001367300,
 0001367301, 0001367303, 0001368300,
 0001368307, 0001368309, 0001368315
 ID 14.25, OD 34.23,
 OD/ housing 59.77, Total length 91.15,
 Splines A 10, No./ teeth 9, Rotation CR



235798 Drive

Replacing: 1006210171, 1006210100,
 1006209862
 Servicing: 0001137001, 0001137002,
 0001137011, 0001137012
 ID 12.00, OD 25.50,
 OD/ housing 48.10, Total length 52.00,
 Splines A 10, No./ teeth 9,
 Drive type Steel, Rotation CR



235799 Drive

Replacing: 6033ad0099
 Servicing: 0001230005
 ID 14.30, OD 60.00, Total length 82.00,
 Splines A 10, No./ teeth 11,
 Drive type Steel, Rotation CR



235804 Drive

Replacing: 1006209673
 Servicing: 0001107080
 ID 12.00, OD 48.00, Total length 67.00,
 Splines A 10, No./ teeth 12,
 Drive type Steel, Rotation ACR


235810 Drive

Replacing: 2006209335, 2006209245
 Servicing: 0001362009, 0001362011, 0001362022

ID 14.30, OD 40.80, OD/ housing 60.20,
 Total length 73.90, Splines A 10,
 No./ teeth 11, Drive type Steel, Rotation CR


235839 Drive

Replacing: 6033AD0070
 Servicing: 0001218821, 0001218822, 6033ab1j00, 9000331433

ID 12.00, OD 35.00, OD/ housing 54.25,
 Total length 62.40, Splines A 10,
 No./ teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 235860


235849 Drive

Replacing: 6033AD3110
 Servicing: 0001230018, 0001230020, 0001230021, 0001230022, 0001230025, 0001230026

ID 14.20, OD 39.90, OD/ housing 62.00,
 Total length 83.00, Splines A 10,
 No./ teeth 10, Drive type Steel, Rotation CR


235860 Drive

Replacing: 6033AD0070
 ID 12.00, OD 35.00, OD/ housing 54.25,
 Total length 62.40, Splines A 10,
 No./ teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 235839


235861 Drive

Replacing: 1006209070
 Servicing: 0001211016, 0001211023
 ID 12.00, OD 27.30, OD/ housing 47.50,
 Total length 68.60, Splines A 10,
 No./ teeth 8, Drive type Steel, Rotation CR


236130 Drive

Replacing: 6033ad4232, 6033AD4052, 6033ad0467, 6033AD0304, 6033ad0242
 Servicing: 0001231007, 0001231014, 0001231019, 0001231030, 0001231034, 0001231119
 ID 14.30, OD 40.50, OD/ housing 60.00,
 Total length 83.00, Splines A 10,
 No./ teeth 11, Drive type Steel, Rotation CR
 Alternative no.: 331683


236375 Drive

Replacing: 1006209961, 1006209785
 Servicing: 0001123004, 0001123005, 0001123014, 0001123015, 0001123016, 0001123017, 0001123020, 0001123021
 ID 11.00, OD 28.00, OD/ housing 49.20,
 Total length 93.35, Splines A 16,
 No./ teeth 10, Rotation ACR
 Alternative no.: 333182


236508 Drive

Replacing: 1006209781
 Servicing: 0001123002, 0001123003, 0001123024, 0001123025, 0001124015
 ID 11.00, OD 25.30,
 OD/ housing 50.50, Total length 82.50,
 Splines A 16, No./ teeth 9, Rotation CR


236641 Drive

Replacing: 1006210154, 1006209952
 Servicing: 0001107092, 0001107093
 ID 12.00, OD 27.00,
 OD/ housing 47.00, Total length 49.10,
 Splines A 10, No./ teeth 8


236832 Drive

Replacing: 1006209796
 Servicing: 0001107429, 0001107437, 0001108444, F002G20485, F002G20917
 ID 11.05, OD 25.30,
 OD/ housing 44.98, Total length 48.50,
 Splines A 10, No./ teeth 9, Rotation CR
 Alternative no.: 333198


236854 Drive

Replacing: 1006209953
 Servicing: 0001121022, 0001121023
 ID 12.00, OD 27.80, OD/ housing 50.50,
 Total length 104.60, Splines A 16,
 No./ teeth 10, Rotation ACR



236883 Drive

Replacing: 1006209813
 Servicing: 0001121402, 0001121403, 0001121412, 0001121413, 0001121429, 0001121430, 0001122402, 0001122403
 ID 11.00, OD 27.85, OD/ housing 46.00, Total length 93.00, Splines A 16, No./ teeth 10, Rotation ACR



236891 Drive

Replacing: 1006209809
 Servicing: 0001120402, 0001120403, F004A94403
 ID 11.55, OD 25.50, OD/ housing 45.00, Total length 83.55, Splines A 16, No./ teeth 9, Rotation ACR
 Alternative no.: 333489



237667 Drive

Replacing: 1006210111, 1006209964, 1006209818
 Servicing: 0001109300, 0001109301, 0001109302, 0001109303, 0001109306, 0001109307
 ID 12.00, OD 35.65, OD/ housing 53.15, Total length 55.50, Splines A 10, No./ teeth 9, Rotation CR



237752 Clutch

Replacing: 6033AD5356, 6033ad5355, 6033AD5078, 6033ad5055
 Servicing: 0001241001, 0001241003, 0001241004, 0001241005, 0001241006, 0001241007, 0001241009, 0001241014, 0001241015, 0001241016
 ID 18.10, OD 20.80, OD/ housing 72.30, Total length 128.00, Splines A 19, Splines B 7, Rotation CR



239967 Drive

Replacing: 1006209962, 1006209786
 Servicing: 0001123012, 0001123013, 0001123018, 0001123019, 0001123026, 0001123027
 OD 27.75, OD/ housing 50.60, Total length 83.00, Splines A 16, No./ teeth 10, Drive type Steel, Rotation ACR



330125 Drive

Replacing: 1006209845, 1006209836, 1006209828
 Servicing: 0001115047, 0001115048, 0001115074, 0001115075
 ID 11.84, OD 32.08, OD/ housing 47.00, Total length 51.42, Splines A 10, No./ teeth 12, Rotation CR
 Alternative no.: 333581



330226 Drive

Replacing: 1006209823
 Servicing: 0001106405, 0001106406
 ID 11.00, OD 27.65, OD/ housing 45.10, Total length 48.00, Splines A 10, No./ teeth 10, Rotation CR



330265 Drive

Replacing: 1006210146, 1006210128, 1006209824
 Servicing: 0001109205, 0001109304, 0001109305, 0001109324, 0001109325, 0001109328, 0001109329, 0001109387, 0001109388, 0001109391
 ID 12.00, OD 38.60, OD/ housing 52.40, Total length 58.00, Splines A 10, No./ teeth 12, Drive type Steel, Rotation CR
 Alternative no.: 333188



331009 Drive

Replacing: 1006210262, 1006210261, 1006209979, 1006209971
 Servicing: 0001138003, 0001138004, 0001138005, 0001138006, 0001138045, 0001138046, 0001138047, 0001138048, 0001138053, 0001138054
 ID 12.02, OD 29.45, OD/ housing 46.90, Total length 52.00, Splines A 10, No./ teeth 11, Drive type Steel, Rotation CR



331010 Drive

Replacing: 1006209940
 Servicing: 0001107476, 0001107477, 0001108428, 0001108429
 ID 11.08, OD 29.40, OD/ housing 47.00, Total length 48.60, Splines A 10, No./ teeth 11, Drive type Steel, Rotation CR



331683 Drive

Manufacturer: Bosch
 Replacing: 6033ad4232, 6033AD4052, 6033ad0467, 6033AD0304, 6033ad0242
 Servicing: 0001231007, 0001231014, 0001231019
 ID 14.30, OD 40.60, OD/ housing 61.70, Total length 83.00, Splines A 10, No./ teeth 11, Drive type Steel, Rotation CR
 Alternative no.: 236130



333094 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209775
 Servicing: 0001109046
 ID 12.04, OD 34.25,
 OD/ housing 53.50, Total length 57.00,
 Splines A 10, No./ teeth 9,
 Drive type Steel, Rotation CR



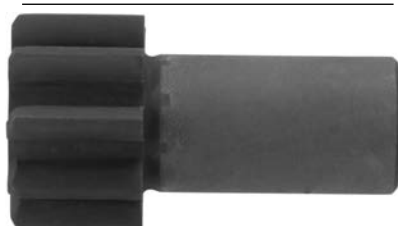
333126 Drive
 Replacing: 2006209490, 2006209429
 Servicing: 0001362058, 0001362104,
 0001366003, 0001366029, 0001368029,
 0001368080, B001811062, B001812211,
 B001816064, B001816066
 ID 14.15, OD 34.50,
 OD/ housing 60.45, Total length 91.00,
 Splines A 10, No./ teeth 9,
 Drive type Steel, Rotation ACR



333171 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209804
 Servicing: 0001108430, 0001108431
 ID 11.10, OD 26.80,
 OD/ housing 45.35, Total length 48.50,
 Splines A 16, No./ teeth 10,
 Drive type Steel, Rotation CR
 Alternative no.: 234124, 234124Z



333172 5★ Drive
 Manufacturer: Bosch
 Replacing: F000AL1519, 1006210145,
 1006209905, 1006209568, 1006209566,
 1006209545, 1006209537, 1006209516
 ID 12.00, OD 26.80,
 OD/ housing 47.50, Total length 58.50,
 Splines A 10, No./ teeth 10,
 Drive type Steel, Rotation CR
 Alternative no.: 131433, 131433Z



333173 5★ Drive
 Manufacturer: Bosch
 Replacing: 2006382193, 2006382176,
 2006382150, 2006382020, 2006382017,
 2006382013
 ID 10.60, OD 35.00, Total length 61.10,
 Shaft length 40.10, No./ teeth 9,
 Rotation CR
 Alternative no.: 130419, 130419ZZ



333174 5★ Drive
 Manufacturer: Bosch
 Replacing: 1007010045, 1006210155,
 1006209921, 1006209919, 1006209918,
 1006209710, 1006209703, 1006209596
 Servicing: 0001108094, 0001108095,
 0001108127, 0001110001, 0001110002,
 0001110014, 0001110015, 0001110076,
 0001110077, 0001110098
 ID 12.00, OD 25.80,
 OD/ housing 46.00, Total length 58.50,
 Splines A 10, No./ teeth 9,
 Drive type Steel, Rotation ACR
 Alternative no.: 132216, 132216ZZ



333175 5★ Drive
 Manufacturer: Bosch
 Replacing: 2006382156, 2006382152,
 2006382018
 Servicing: 0001410037, 0001410044,
 0001410046, 0001410053, 0001410063,
 0001410098, 0001410111, 0001410115,
 0001410116, 0001411005
 ID 10.15, OD 41.00, Total length 61.00,
 Shaft length 39.65, No./ teeth 11,
 Drive type Steel
 Alternative no.: 130418, 130418Z



333176 5★ Drive
 Manufacturer: Bosch
 Replacing: F000AL1698, f000al1040,
 9001081022, 1006209939, 1006209906,
 1006209711, 1006209709, 1006209707
 ID 12.00, OD 25.80,
 OD/ housing 47.50, Total length 59.00,
 Splines A 10, No./ teeth 9,
 Drive type Steel, Rotation CR
 Alternative no.: 131104, 131104ZZ



333177 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209699, 1006209648,
 1006209621
 Servicing: 0001124001, 0001124002,
 0001124005, 0001124006, 0001125001,
 0001125002, 0001125007, 0001125008,
 0001125011, 0001125012
 ID 11.00, OD 27.75,
 OD/ housing 53.60, Total length 83.25,
 Splines A 16, No./ teeth 10,
 Drive type Steel, Rotation ACR
 Dust cover kit: HC-CARGO 230091.
 Alternative no.: 136854, 136854Z,
 136854ZZ



333178 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209937, 1006209815, 1006209690, 1006209677, 1006209672, 1006209618
 Servicing: 0001107037, 0001107048, 0001107054, 0001107055, 0001107067, 0001107068, 0001107069, 0001107072, 0001107073, 0001107074
 ID 12.00, OD 25.30,
 OD/ housing 46.90, Total length 51.00,
 Splines A 10, No./ teeth 9,
 Drive type Steel, Rotation CR
 Alternative no.: 137481



333179 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209758, 1006209649, 1006209628
 Servicing: 0001124003, 0001124004, 0001124013, 0001124014, 0001125005, 0001125006, 0001125035, 0001125036
 ID 11.20, OD 25.35,
 OD/ housing 53.70, Total length 83.65,
 Splines A 16, No./ teeth 9,
 Drive type Steel, Rotation ACR
 Dust cover kit: HC-CARGO 230338.
 Alternative no.: 137480, 137480Z, 137480ZZ



333180 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209671
 ID 12.00, OD 29.00,
 OD/ housing 50.00, Total length 50.50,
 Splines A 10, No./ teeth 11,
 Drive type Steel, Rotation CR
 Alternative no.: 230834, 230834Z



333181 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209946, 1006209759, 1006209643, 1006209636
 ID 11.20, OD 25.40,
 OD/ housing 53.60, Total length 93.50,
 Splines A 16, No./ teeth 9,
 Drive type Steel, Rotation ACR
 Alternative no.: 137890



333182 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209961, 1006209785
 Servicing: 0001123014, 0001123015, 0001123016, 0001123017, 0001123020, 0001123021
 ID 11.00, OD 28.00,
 OD/ housing 49.20, Total length 93.35,
 Splines A 16, No./ teeth 10,
 Drive type Steel, Rotation ACR
 Alternative no.: 236375



333183 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209762, 1006209641
 ID 11.10, OD 25.20,
 OD/ housing 47.65, Total length 82.85,
 Splines A 16, No./ teeth 9,
 Drive type Steel, Rotation CR
 Alternative no.: 138875, 138875Z



333184 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209659
 ID 12.00, OD 34.70,
 OD/ housing 47.70, Total length 51.65,
 Splines A 10, No./ teeth 13,
 Drive type Steel, Rotation CR
 Alternative no.: 233839



333185 5★ Drive
 Manufacturer: Bosch
 Replacing: 9002336237, 6033ad4019, 6033AD3334, 6033ad0200, 6033ad0184
 Servicing: 0001231009, 0001231012, 0001231016, 0001231017, 0001231045
 ID 14.35, OD 39.55,
 OD/ housing 62.20, Total length 83.80,
 Splines A 10, No./ teeth 10,
 Drive type Steel, Rotation CR
 Alternative no.: 231756



333186 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209695
 ID 12.00, OD 34.90,
 OD/ housing 34.50, Total length 50.00,
 Splines A 10, No./ teeth 11,
 Drive type Steel, Rotation CR
 Alternative no.: 235440, 235440Z



333187 5★ Drive
 Manufacturer: Bosch
 Replacing: 6033ad0250
 ID 14.35, OD 41.50,
 OD/ housing 60.00, Total length 83.00,
 Splines A 10, No./ teeth 11,
 Drive type Steel, Rotation CR
 Alternative no.: 233948



333188 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006210146, 1006210128,
 1006209824
 Servicing: 0001109205, 0001109324,
 0001109325
 ID 12.00, OD 38.60,
 OD/ housing 52.40, Total length 58.00,
 Splines A 10, No./ teeth 12,
 Drive type Steel, Rotation CR
 Alternative no.: 330265



333189 5★ Drive
 Manufacturer: Bosch
 Replacing: f005m10053, F000AL1209,
 1006209678, 1006209635, 1006209631
 Servicing: 0001108183, 0001108217,
 0001108218, 0001109036, 0001109250,
 0001115008, f000a10101
 ID 12.00, OD 27.75,
 OD/ housing 46.30, Total length 50.00,
 Splines A 10, No./ teeth 10,
 Drive type Steel, Rotation CR
 Alternative no.: 230835



333190 5★ Drive
 Manufacturer: Bosch
 Replacing: 2008209008, 2006209530,
 2006209529, 2006209492
 ID 14.25, OD 34.80,
 OD/ housing 60.00, Total length 91.00,
 Splines A 10, No./ teeth 9, Rotation CR
 Alternative no.: 131065, 131065Z



333191 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209944, 1006209777,
 1006209715, 1006209706, 1006209696,
 1006209692, 1006209633, 1006209624
 Servicing: 0001106011, 0001106014,
 0001106015, 0001107047, 0001107063,
 0001107077, 0001107091, 0001107097,
 0001107098, 0001107109
 ID 12.00, OD 25.00,
 OD/ housing 46.35, Total length 49.00,
 Splines A 10, No./ teeth 9,
 Drive type Steel, Rotation CR
 Alternative no.: 137483



333192 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209983, 1006209660,
 1006209634
 Servicing: 0001107062, 0001108196,
 0001108230, 0001108231, 0001109204,
 0001109341, 0001138001, 0001138002
 ID 12.00, OD 28.85,
 OD/ housing 46.40, Total length 51.25,
 Splines A 10, No./ teeth 9,
 Drive type Steel, Rotation CR
 Alternative no.: 137888



333193 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209656
 ID 12.00, OD 34.40,
 OD/ housing 50.00, Total length 50.60,
 Splines A 10, No./ teeth 9,
 Drive type Steel, Rotation CR
 Alternative no.: 233828



333194 5★ Drive
 Manufacturer: Bosch
 Replacing: 9001081033, 1006209997,
 1006209993, 1006209686, 1006209600,
 1006209584
 Servicing: 0001106012, 0001106017,
 0001106022, 0001106023, 0001106024,
 0001107009, 0001107012, 0001107013,
 0001107015, 0001107017
 ID 12.00, OD 25.20,
 OD/ housing 46.20, Total length 53.50,
 Splines A 10, No./ teeth 9,
 Drive type Steel, Rotation CR
 Alternative no.: 135716



333195 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209812
 ID 10.90, OD 27.85,
 OD/ housing 45.00, Total length 47.80,
 Splines A 16, No./ teeth 10,
 Drive type Steel, Rotation CR
 Alternative no.: 234535



333196 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209691, 1006209539,
 1006209538

Servicing: 0001110003, 0001110005,
 0001110012, 0001110016, 0001110025,
 0001110026, 0001110039, 0001110053,
 0001110075, 0001110079
 ID 12.00, OD 27.80,
 OD/ housing 45.70, Total length 58.75,
 Splines A 10, No./ teeth 10,
 Drive type Steel, Rotation CR
 Alternative no.: 132205, 132205Z



333197 5★ Drive
 Manufacturer: Bosch
 Replacing: 2006209426
 Servicing: 0001367014, 0001367023

ID 14.25, OD 34.40,
 OD/ housing 60.00, Total length 91.00,
 Splines A 10, No./ teeth 9,
 Drive type Steel, Rotation CR
 Alternative no.: 134282



333198 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209796

ID 11.05, OD 25.30,
 OD/ housing 44.98, Total length 48.50,
 Splines A 10, No./ teeth 9,
 Drive type Steel, Rotation CR
 Alternative no.: 236832



333199 5★ Drive
 Manufacturer: Bosch

Replacing: 1006209637
 ID 12.00, OD 27.80,
 OD/ housing 54.25, Total length 57.00,
 Splines A 10, No./ teeth 10,
 Drive type Steel, Rotation CR
 Alternative no.: 137889



333200 5★ Drive

Manufacturer: Bosch
 Replacing: 1006209757, 1006209657
 Servicing: 0001121006, 0001121007,
 0001121028

ID 11.00, OD 25.35,
 OD/ housing 46.20, Total length 82.25,
 Splines A 16, No./ teeth 9,
 Drive type Steel, Rotation ACR
 Dust cover kit: HC-CARGO 230338.
 Alternative no.: 230339



333201 5★ Drive

Manufacturer: Bosch
 Replacing: 1006209559, 1006209554,
 1006209549

Servicing: 0001108065, 0001108100,
 0001108115, 0001108141, 0001108145,
 0001109009, 0001110011, 0001110041,
 0001110042, 9000692069
 ID 12.00, OD 29.25,
 OD/ housing 46.25, Total length 58.20,
 Splines A 10, No./ teeth 9,
 Drive type Steel, Rotation CR
 Alternative no.: 133362, 135115



333202 5★ Drive

Manufacturer: Bosch
 Replacing: 9002336236, 6033ad4148,
 6033ad4034, 6033ad3850, 6033ad3244,
 6033AD3111, 6033ad3108, 6033ad3006
 Servicing: 0001230006, 0001230012,
 0001230014, 0001231002, 0001231003,
 0001231032, 0001231033

ID 14.30, OD 34.50,
 OD/ housing 59.00, Total length 82.25,
 Splines A 10, No./ teeth 9,
 Drive type Steel, Rotation CR
 Alternative no.: 139056, 139056Z



333203 5★ Drive

Manufacturer: Bosch
 Replacing: 1006210143, 1006209916,
 1006209585

Servicing: 0001107008, 0001107020,
 0001107021, 0001107053
 ID 12.00, OD 25.25,
 OD/ housing 46.50, Total length 55.45,
 Splines A 10, No./ teeth 9,
 Drive type Steel, Rotation ACR
 Alternative no.: 135085



333204 5★ Drive

Manufacturer: Bosch
 Replacing: 6033ad1002, 6033ad0077
 Servicing: 0001223003, 0001223024

ID 12.00, OD 35.00,
 OD/ housing 54.50, Total length 64.20,
 Splines A 16, No./ teeth 9,
 Drive type Steel, Rotation CR
 Alternative no.: 233835



333205 5★ Drive
 Manufacturer: Bosch
 Replacing: 2006209504, 2006209485, 2006209476, 2006209469, 2006209449
 ID 14.25, OD 34.80, OD/ housing 60.00, Total length 74.00, Splines A 10, No./ teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 131019



333206 5★ Drive
 Manufacturer: Bosch
 Replacing: 6033ad0414
 ID 11.75, OD 36.00, OD/ housing 53.00, Total length 58.00, Splines A 16, No./ teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 233719



333207 5★ Drive
 Manufacturer: Bosch
 Replacing: 2006209483, 2006209470
 ID 14.25, OD 34.80, OD/ housing 60.00, Total length 73.50, Splines A 10, No./ teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 130950



333208 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209675, 1006209670, 1006209607
 Servicing: 0001107066
 ID 12.00, OD 29.25, OD/ housing 46.85, Total length 49.00, Splines A 10, No./ teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 139954



333209 5★ Drive
 Manufacturer: Bosch
 Replacing: 2006209532, 2006209495, 2006209452
 Servicing: 0001367017, 0001367070, 0001367302, 0001368034, 0001368070, 0001368082, 0001368304, 0001368306
 ID 14.25, OD 39.85, OD/ housing 60.00, Total length 91.00, Splines A 10, No./ teeth 10, Drive type Steel, Rotation CR
 Alternative no.: 132702



333210 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209704
 ID 12.00, OD 25.20, OD/ housing 46.30, Total length 46.00, Splines A 10, No./ teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 231896



333211 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209760, 1006209655
 ID 13.60, OD 26.10, OD/ housing 53.00, Total length 81.00, Splines A 16, No./ teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 234293



333212 5★ Drive
 Manufacturer: Bosch
 Replacing: 6033ad1062
 ID 12.00, OD 34.50, OD/ housing 54.40, Total length 64.00, Splines A 16, No./ teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 233947



333214 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209642
 ID 12.00, OD 27.70, OD/ housing 53.00, Total length 50.50, Splines A 10, No./ teeth 10, Drive type Steel, Rotation CR
 Alternative no.: 138322



333215 5★ Drive
 Manufacturer: Bosch
 Replacing: f00mal1100, f000al1100, 1006209680
 Servicing: 0001121010, 0001121024
 ID 11.20, OD 27.75, OD/ housing 46.35, Total length 82.85, Splines A 16, No./ teeth 10, Drive type Steel, Rotation ACR
 Alternative no.: 230340



333216 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209929, 1006209629
 Servicing: 0001107043, 0001107087,
 0001113010, 0001113017
 ID 12.00, OD 26.70,
 OD/ housing 46.15, Total length 50.40,
 Splines A 10, No./ teeth 10,
 Drive type Steel, Rotation CR
 Alternative no.: 137981



333217 5★ Drive
 Manufacturer: Bosch
 Replacing: 2006209494, 2006209425
 ID 14.30, OD 41.00,
 OD/ housing 60.20, Total length 91.00,
 Splines A 10, No./ teeth 11, Rotation CR
 Alternative no.: 131271



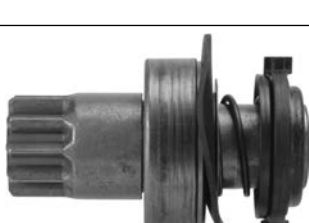
333218 5★ Drive
 Manufacturer: Bosch
 Replacing: 9006033306, 9006033136,
 6033AD0306, 6033ad0243
 Servicing: 0001231008, 0001231029
 ID 14.30, OD 37.70,
 OD/ housing 60.00, Total length 85.00,
 Splines A 10, No./ teeth 10, Rotation CR
 Alternative no.: 234087



333219 5★ Drive
 Manufacturer: Bosch
 Replacing: 6033ad3130, 6033AD3120,
 6033ad0148
 Servicing: 0001230009, 0001231011
 ID 14.30, OD 34.35,
 OD/ housing 60.00, Total length 84.00,
 Splines A 10, No./ teeth 9,
 Drive type Steel, Rotation CR
 Alternative no.: 233837



333220 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209500
 ID 12.00, OD 25.80,
 OD/ housing 46.20, Total length 64.00,
 Splines A 10, No./ teeth 9,
 Drive type Steel, Rotation CR
 Alternative no.: 131102, 131102Z



333221 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209922, 1006209910,
 1006209583, 1006209565, 1006209558,
 1006209553
 Servicing: 0001107005, 0001107006,
 0001112010, 0001112011, 0001114009,
 0001114010
 ID 12.00, OD 27.70,
 OD/ housing 46.80, Total length 79.50,
 Splines A 10, No./ teeth 10,
 Drive type Steel, Rotation ACR
 Alternative no.: 139850



333222 5★ Drive
 Manufacturer: Bosch
 Replacing: 6033ad0218
 ID 12.00, OD 27.80, OD/ housing 53.00,
 Total length 60.65, Splines A 16,
 No./ teeth 10, Drive type Steel, Rotation CR
 Alternative no.: 234168



333223 5★ Drive
 Manufacturer: Bosch
 Replacing: 2006209932, 2006209539,
 2006209533, 2006209498
 ID 14.30, OD 37.80,
 OD/ housing 60.00, Total length 91.00,
 Splines A 10, No./ teeth 10,
 Drive type Steel, Rotation CR
 Alternative no.: 131475



333224 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209661
 ID 12.00, OD 27.80,
 OD/ housing 50.00, Total length 71.00,
 Splines A 16, No./ teeth 10,
 Drive type Steel, Rotation CR
 Alternative no.: 234242



333225 5★ Drive
 Manufacturer: Bosch
 Replacing: 2006209465
 ID 14.35, OD 35.50, OD/ housing 60.00,
 Total length 74.00, Splines A 10,
 No./ teeth 11, Drive type Steel, Rotation CR
 Alternative no.: 133596



333226 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209580
 ID 12.00, OD 25.25,
 OD/ housing 46.25, Total length 55.40,
 Splines A 10, No./ teeth 9,
 Drive type Steel, Rotation CR
 Alternative no.: 135713



333227 5★ Drive
 Manufacturer: Bosch
 Replacing: 9002453073, 9001083436,
 9001083406, 2006209446, 2006209436,
 2006209422, 2006209406
 Servicing: 0001359038, 0001359049,
 0001359073, 0001359074, 0001359083,
 0001359084, 0001359111, 0001359119,
 0001360012, 0001360014
 ID 14.30, OD 34.20,
 OD/ housing 60.00, Total length 91.00,
 Splines A 10, No./ teeth 9,
 Drive type Steel, Rotation CR
 Alternative no.: 132273



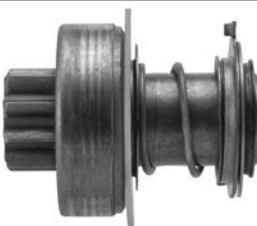
333228 5★ Drive
 Manufacturer: Bosch
 Replacing: 2006209499, 2006209462
 ID 14.30, OD 39.00,
 OD/ housing 60.10, Total length 91.00,
 Splines A 10, No./ teeth 10,
 Drive type Steel, Rotation CR
 Alternative no.: 131597



333229 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209622
 ID 12.00, OD 39.80,
 OD/ housing 53.65, Total length 59.00,
 Splines A 10, No./ teeth 13,
 Drive type Steel, Rotation CR
 Alternative no.: 230350



333230 5★ Drive
 Manufacturer: Bosch
 Replacing: 2006209933, 2006209541,
 2006209537, 2006209531
 Servicing: 0001364102, 0001364200,
 0001364203, 0001368056, 0001368310,
 0001368317
 ID 14.30, OD 40.50,
 OD/ housing 60.00, Total length 91.00,
 Splines A 10, No./ teeth 11,
 Drive type Steel, Rotation CR
 Alternative no.: 132000



333231 5★ Drive
 Manufacturer: Bosch
 Replacing: 9001082669, 9001082362,
 9001042021, 2006209162, 1006209431,
 1006209424, 1006209162
 Servicing: 0001208411, 0001208412,
 0001208414, 0001208416, 0001208417,
 0001208418, 0001208419, 0001211223,
 0001211224, 0001211255
 ID 11.00, OD 25.80,
 OD/ housing 46.10, Total length 63.00,
 Splines A 11, No./ teeth 9,
 Drive type Steel, Rotation ACR
 Alternative no.: 130404



333232 5★ Drive
 Manufacturer: Bosch
 Replacing: 2006209542, 2006209540
 Servicing: 0001368313
 ID 14.30, OD 41.50, OD/ housing 60.00,
 Total length 90.45, Splines A 10,
 No./ teeth 11, Drive type Steel, Rotation CR
 Alternative no.: 137231



333233 5★ Drive
 Manufacturer: Bosch
 Replacing: 9001692096, 1006209472,
 1006209449, 1006209428, 1006209406
 ID 12.00, OD 30.00, OD/ housing 46.30,
 Total length 64.50, Splines A 10,
 No./ teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 131097



333234 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209981
 Servicing: 0001107423, 0001107424,
 0001107527, 0001107528
 ID 10.00, OD 45.30, Total length 48.30,
 No./ teeth 9, Drive type Steel, Rotation ACR
 Alternative no.: 239777



333235 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006210141
 Servicing: 0001107003
 ID 12.00, OD 28.80, OD/ housing 47.40,
 Total length 76.80, No./ teeth 10,
 Drive type Steel, Rotation CR



333236 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006210163
 ID 12.00, OD 54.00, OD/ housing 54.00,
 Total length 62.00, No./ teeth 10,
 Drive type Steel, Rotation ACR



333237 5★ Drive
 Manufacturer: Bosch
 Replacing: 6033AD3338
 Servicing: 0001231009
 ID 14.00, OD 39.00,
 OD/ housing 62.00, Total length 83.00,
 No./ teeth 10, Drive type Steel,
 Rotation CR



333322 Drive
 Replacing: 1006209938
 Servicing: 0001107066
 ID 12.04, OD/ housing 46.90,
 Total length 48.80, Splines A 10,
 No./ teeth 9, Drive type Steel,
 Rotation CR



333344 Drive
 Replacing: 2006209550
 Servicing: 0001260001
 ID 14.30, OD 43.55,
 OD/ housing 62.00, Total length 83.00,
 No./ teeth 11, Drive type Steel,
 Rotation CR



333355 Drive
 Replacing: 1006209864, 1006209834
 Servicing: 0001115078, 0001115079
 ID 12.00, OD 36.00,
 OD/ housing 54.00, Total length 51.00,
 Splines A 10, No./ teeth 9,
 Drive type Steel, Rotation CR



333396 Drive
 Replacing: 1006210149, 1006209964,
 1006209818
 Servicing: 0001109300, 0001109301,
 0001109302, 0001109303, 0001109306,
 0001109307, 0001109313, 0001109321,
 0001109332, 0001109333
 ID 12.03, OD 35.80,
 OD/ housing 53.40, Total length 54.60,
 Splines A 10, No./ teeth 9,
 Drive type Steel, Rotation CR



333489 5★ Drive
 Manufacturer: Bosch
 Replacing: 1006209809
 Servicing: 0001120402, 0001120403,
 F004A94403
 ID 13.50, OD 25.40,
 OD/ housing 45.50, Total length 83.00,
 Splines A 16, No./ teeth 9,
 Drive type Steel, Rotation ACR
 Alternative no.: 236891



333500 5★ Drive
 Manufacturer: Bosch
 Replacing: 6033AD4243, 6033ad0129
 Servicing: 0001231004
 ID 14.20, OD 46.70,
 OD/ housing 61.70, Total length 83.30,
 Splines A 10, No./ teeth 12,
 Drive type Steel, Rotation CR
 Alternative no.: 233722



333501 5★ Drive
 Manufacturer: Bosch
 Replacing: 6033AD3078
 Servicing: 0001230003
 ID 14.25, OD 34.40,
 OD/ housing 59.70, Total length 84.00,
 Splines A 10, No./ teeth 11,
 Drive type Steel
 Alternative no.: 333616



333502 5★ Drive
 Manufacturer: Bosch
 Replacing: 9002336204
 Servicing: 0001218116, 0001218117
 ID 12.00, OD 27.50,
 OD/ housing 53.25, Total length 86.35,
 Splines A 10, No./ teeth 10,
 Drive type Steel, Rotation ACR
 Alternative no.: 135116



333504 5★ Drive
 Manufacturer: Bosch
 Replacing: 2006209544, 2006209543, 2006209458
 Servicing: 0001367072, 0001368069, 0001368083, 0001369007, 0001369019, 0001369025
 ID 14.30, OD 36.40,
 OD/ housing 59.80, Total length 91.00,
 Splines A 10, No./ teeth 9,
 Drive type Steel, Rotation CR
 Alternative no.: 136509



333505 5★ Drive
 Manufacturer: Bosch
 Replacing: 6033AD4240
 ID 14.25, OD 39.90,
 OD/ housing 61.70, Total length 83.30,
 Splines A 10, No./ teeth 10,
 Drive type Steel, Rotation CR
 Alternative no.: 333615



333506 5★ Drive
 Manufacturer: Bosch
 Replacing: 9003336293, 9001140317
 Servicing: 0001218004, 0001218005, 0001218008, 0001218012, 0001218013, 0001218017, 0001218018, 0001218111, 0001218112, 0001218113
 ID 12.00, OD 25.00,
 OD/ housing 53.50, Total length 62.00,
 Splines A 10, No./ teeth 9,
 Drive type Steel, Rotation CR
 Alternative no.: 131998



333508 5★ Drive
 Manufacturer: Bosch
 Replacing: 9003336223, 9002336223
 Servicing: 0001218162, 0001218165
 ID 12.00, OD 27.50,
 OD/ housing 53.50, Total length 58.50,
 Splines A 10, No./ teeth 10,
 Drive type Steel, Rotation CR
 Alternative no.: 136787



333509 5★ Drive
 Manufacturer: Bosch
 Replacing: 6033ad0061
 Servicing: 0001223002
 ID 12.00, OD 35.30,
 OD/ housing 57.30, Total length 62.00,
 Splines A 16, No./ teeth 11,
 Drive type Steel, Rotation CR
 Alternative no.: 231898



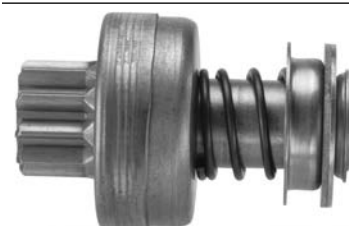
333510 5★ Drive
 Manufacturer: Bosch
 Replacing: 2006209931, 2006209459, 2006209457
 Servicing: 0001362312, 0001362316, 0001362319, 0001362321, 0001367037, 0001368059, 0001369001, 0001369005
 ID 14.25, OD 32.00,
 OD/ housing 59.80, Total length 91.00,
 Splines A 10, No./ teeth 10,
 Drive type Steel, Rotation CR
 Alternative no.: 132345



333511 5★ Drive
 Manufacturer: Bosch
 Replacing: 9002336219
 Servicing: 9000331201, 9000331203
 ID 12.00, OD 35.00,
 OD/ housing 58.00, Total length 62.00,
 Splines A 10, No./ teeth 9,
 Drive type Steel, Rotation CR
 Alternative no.: 230336



333514 5★ Drive
 Manufacturer: Bosch
 Replacing: f000al1881, 9003336283, 9002336283
 Servicing: 0001218014, 0001218019, 0001218024, 0001218101, 0001218102, 0001218103, 0001218151, 0001218152, 0001218154, 0001218159
 ID 12.00, OD 35.50,
 OD/ housing 54.50, Total length 62.00,
 Splines A 10, No./ teeth 9,
 Drive type Steel, Rotation CR
 Alternative no.: 131996



333515 5★ Drive
 Manufacturer: Bosch
 Replacing: 2006209444, 2006209414
 Servicing: 0001359090, 9000083075, 9000083076, 9000453075, 9000453076, F006AL0602
 ID 14.30, OD 32.00,
 OD/ housing 60.00, Total length 91.00,
 Splines A 10, No./ teeth 10,
 Drive type Steel, Rotation CR
 Alternative no.: 131495



333516 5★ Drive

Manufacturer: Bosch

Replacing: 2006209500, 2006209471

Servicing: 0001362001, 0001362002, 0001362029, 0001362030, 0001362038, 0001362047, 0001362069, 0001362070, 0001362077, 0001362078

ID 12.00, OD 25.35,
OD/ housing 57.40, Total length 72.00,
Splines A 10, No./ teeth 9,
Drive type Steel, Rotation CR
Alternative no.: 130414, 130414Z,
130414ZZ

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333519 5★ Drive

Manufacturer: Bosch

Replacing: 1006209473, 1006209470,
1006209469

Servicing: 0001311146, 0001314026,
0001314027, 0001314028, 0001314029,
0001314030, 0001314033, 0001314034,
0001314035, 0001314037

ID 12.00, OD 25.40,
OD/ housing 47.40, Total length 64.40,
Splines A 10, No./ teeth 9, Rotation CR
Alternative no.: 131101



333520 5★ Drive

Manufacturer: Bosch

Replacing: 2006209163, 1006209417,
1006209412, 1006209411, 1006209405,
1006209403, 1006209400

Servicing: 0001208053, 0001208054,
0001208055, 0001211213, 0001211214,
0001211216, 0001211217, 0001211218,
0001211219, 0001211230

ID 12.00, OD 25.40,
OD/ housing 47.40, Total length 64.20,
Splines A 10, No./ teeth 9, Rotation CR
Alternative no.: 130405



333521 5★ Drive

Manufacturer: Bosch

Replacing: 9001336324, 9001082748,
9001082686, 9001082660, 9001082340,
9001066236, 1006209471, 1006209463

Servicing: 0001157024, 0001157025,
0001157028, 0001157029, 0001157030,
0001208200, 0001208201, 0001208202,
0001208206, 0001208208

ID 12.00, OD 25.40,
OD/ housing 47.40, Total length 64.00,
Splines A 10, No./ teeth 9,
Drive type Steel, Rotation CR
Alternative no.: 130396



333523 5★ Drive

Manufacturer: Bosch

Replacing: 1006209923, 1006209578

Servicing: 0001108099, b001111273

ID 12.00, OD 29.30,
OD/ housing 47.40, Total length 59.00,
Splines A 10, No./ teeth 11,
Drive type Steel, Rotation ACR
Alternative no.: 135464



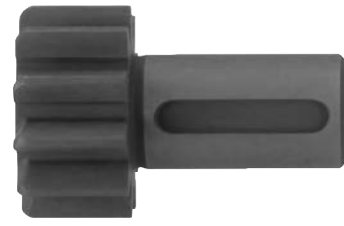
333524 5★ Drive

Manufacturer: Bosch

Replacing: 1006209650

Servicing: 0001109029

ID 12.00, OD 29.50,
OD/ housing 50.50, Total length 49.40,
No./ teeth 9, Drive type Steel,
Rotation ACR
Alternative no.: 231009



333540 5★ Drive

Manufacturer: Bosch

Replacing: 2006382172, 2006382019

Servicing: 0001410065, 0001411017,
0001411025, 0001411026, 0001416052,
0001417005, 0001417006, 0001417007,
0001417059, 0001417064

ID 10.00, OD 40.50, Total length 61.60,
Shaft length 40.40, No./ teeth 11,
Drive type Steel, Rotation CR/ACR
Alternative no.: 131107



333542 5★ Drive

Manufacturer: Bosch

Replacing: 1006209820, 1006209810,
1006209794

Servicing: 0001107438, 0001107439

ID 11.00, OD 26.75,
OD/ housing 45.46, Total length 48.68,
Splines A 10, No./ teeth 8, Rotation CR
Alternative no.: 235290



333544 5★ Drive

Manufacturer: Bosch

Replacing: 1006209941, 1006209592

Servicing: 0001110071, 0001110072

ID 12.00, OD 29.20,
OD/ housing 48.50, Total length 58.70,
Splines A 10, No./ teeth 9, Rotation CR
Alternative no.: 136614

NEW PRODUCT
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333548 5★ Drive

Manufacturer: Bosch

Replacing: 1006210152, 1006209908, 1006209569, 1006209560

Servicing: 0001110065, 0001110104, 0001110105

ID 12.00, OD 26.80,
OD/ housing 53.40, Total length 58.70,
Splines A 10, No./ teeth 10, Rotation CR
Alternative no.: 131434



333551 5★ Drive

Manufacturer: Bosch

Replacing: 1006209806

Servicing: 0001120400, 0001120401, 0001120402, 0001120403, 0001120404, 0001120405, 0001120406, 0001120407, 0001120408, 0001120409

ID 12.00, OD 27.85,
OD/ housing 45.45, Total length 83.00,
Splines A 16, No./ teeth 10,
Rotation ACR
Alternative no.: 234785



333553 5★ Drive

Manufacturer: Bosch

Replacing: 1006209646

Servicing: 0001109026

ID 12.00, OD 29.70,
OD/ housing 53.50, Total length 51.30,
Splines A 10, No./ teeth 11, Rotation CR
Alternative no.: 230352

333564 5★ Drive

Manufacturer: Bosch

Replacing: 1006209943, 1006209681

Servicing: 0001125016, 0001125017, 0001125018, 0001125019, 0001125046, 0001125047, 0001125048, 0001125049, 0001125605, 0001125606

ID 12.00, OD 27.76, OD/ housing 54.50,
Total length 105.45, Splines A 16,
No./ teeth 10, Rotation ACR
Alternative no.: 232623



333571 5★ Drive

Manufacturer: Bosch

Replacing: 1006209987

Servicing: 0001115048

ID 12.00, OD 29.20,
OD/ housing 53.50, Total length 51.00,
Splines A 10, No./ teeth 9, Rotation CR
Alternative no.: 230828



333577 5★ Drive

Manufacturer: Bosch

Replacing: 1006209523

Servicing: 0001218006, 0001218016, 0001218108, 0001218109, 0001218150, 0001218156, 0001218160, 0001218710, 0001219001, 0001219007

ID 12.00, OD 27.50,
OD/ housing 54.00, Total length 64.80,
Splines A 10, No./ teeth 10, Rotation CR
Alternative no.: 131995



333579 5★ Drive

Manufacturer: Bosch

Replacing: 1006209959, 1006209792, 1006209779

Servicing: 0001108224, 0001115021, 0001115025

ID 12.00, OD 29.00,
OD/ housing 50.50, Total length 51.00,
Splines A 10, No./ teeth 9, Rotation CR
Alternative no.: 234902

333581 5★ Drive

Manufacturer: Bosch

Replacing: 1006209845, 1006209836, 1006209828

Servicing: 0001115047, 0001115074, 0001115075

ID 12.00, OD 32.20,
OD/ housing 48.40, Total length 51.20,
Splines A 10, No./ teeth 12, Rotation CR
Alternative no.: 330125



333593 5★ Drive

Manufacturer: Bosch

Replacing: 6033ad0004

Servicing: 0001223001

ID 12.00, OD 29.30,
OD/ housing 57.35, Total length 59.80,
Splines A 16, No./ teeth 9, Rotation CR
Alternative no.: 233836



333599 5★ Drive

Manufacturer: Bosch

Replacing: f00m145230, 6033AD3106

Servicing: 0001230002

ID 14.30, OD 39.80,
OD/ housing 60.00, Total length 83.20,
Splines A 10, No./ teeth 11, Rotation CR
Alternative no.: 233723



333605 5★ Drive

Manufacturer: Bosch

Replacing: 9003336291

Servicing: 0001218021, 0001218029, 0001218108, 0001218110, 0001218150, 0001218156, 0001218710, 0001219001, 0001219007, 0001219009

ID 12.00, OD 27.53,
OD/ housing 53.40, Total length 64.90,
Splines A 10, No./ teeth 10, Rotation CR



333606 Drive
 Manufacturer: Bosch
 Replacing: 2006209427
 ID 14.20, OD 32.16,
 OD/ housing 59.80, Total length 91.10,
 Splines A 10, No./ teeth 10, Rotation CR

Drive Parts

Caps



134207 Dp Cap
 ID 40.85, OD 42.35

Pkg. 25



134210 Dp Cap
 Replacing: 1000500018
 ID 52.15, OD 53.80

Pkg. 25



134211 Dp Cap
 ID 56.05, OD 58.25

Pkg. 25



134250 Dp Cap
 Servicing: 1006209570
 ID 46.10, OD 47.20

Pkg. 100



134251 Dp Cap
 ID 55.63, OD 57.00

Pkg. 50



134257 Dp Cap
 ID 50.17, OD 51.90

Pkg. 50



134258 Dp Cap
 ID 52.20, OD 54.20

Pkg. 10



134261 Dp Cap
 ID 56.13, OD 58.50

Pkg. 10



139299 Dp Cap
 ID 46.15, OD 47.50

Pkg. 50

Gaskets

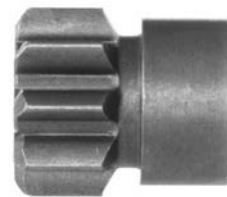
Pkg. 10



231201 Gasket
 ID 27.85, OD 49.35, Thickness 3.85,
 Material Rubber

Gears

Pkg. 10



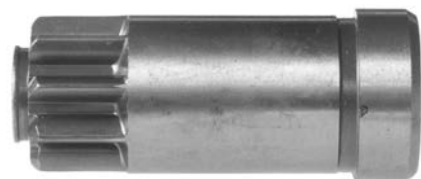
134161# Dp Gear
 ID 12.00, OD 25.30, Height 28.70,
 No./ teeth 9

Pkg. 10



134163 Dp Gear
 ID 11.00, OD 25.10, Height 36.40,
 No./ teeth 9

Pkg. 10



134164 Dp Gear
 ID 12.35, OD 25.50, Height 65.70,
 No./ teeth 9

Pkg. 10



134172 Dp Gear
ID 12.00, OD 25.60, Height 48.25,
No./ teeth 9

Pkg. 10



134178# Dp Gear
ID 12.00, OD 25.20, Height 34.00,
No./ teeth 9

Pkg. 10



134179 Dp Gear
ID 12.00, OD 26.70, Height 27.00,
No./ teeth 10

Pkg. 10



134188 Dp Gear
ID 12.00, OD 29.00, Height 26.85,
No./ teeth 9

Pkg. 10



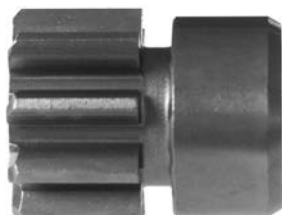
134189# Dp Gear
ID 14.00, OD 47.00, Height 36.80,
No./ teeth 12

Pkg. 10



134190 Dp Gear
ID 14.00, OD 34.60, Height 36.90,
No./ teeth 9

Pkg. 10



134192 Dp Gear
ID 14.00, OD 34.00, Height 42.45,
No./ teeth 9

Pkg. 5



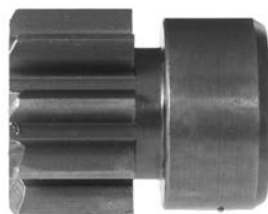
134193 Dp Gear
ID 14.00, OD 40.55, Height 42.50,
No./ teeth 11

Pkg. 10



134194 Dp Gear
ID 12.00, OD 27.70, Height 26.95,
No./ teeth 10

Pkg. 10



134195 Dp Gear
ID 14.30, OD 34.00, Height 42.55,
No./ teeth 9

Pkg. 10



134199 Dp Gear
ID 11.00, OD 25.55, Height 25.00,
No./ teeth 9

Pkg. 10



134200 Dp Gear
ID 11.00, OD 25.15, Height 27.00,
No./ teeth 9

Pkg. 10



134201# Dp Gear
ID 12.00, OD 25.00, Height 33.70,
No./ teeth 9

Pkg. 5



134236 Dp Gear
Servicing: 1006209570
ID 12.00, OD 25.35, Height 26.90,
No./ teeth 9

Pkg. 10



134237 Dp Gear
ID 12.00, OD 25.10, Height 32.35,
No./ teeth 9



Pkg. 10

134238 Dp Gear
ID 12.00, OD 25.00, Height 27.00,
No./ teeth 9



Pkg. 10

134239 Dp Gear
ID 11.00, OD 25.15, Height 26.80,
No./ teeth 9

Rollers

Pkg. 1000



134214 Dp Rollers
OD 7.00, Length 9.00

Pkg. 500



134216 Dp Rollers
OD 7.00, Length 13.90

Pkg. 2000



134241 Dp Rollers
Replacing: 1003200018
Servicing: 1006209570
OD 6.00, Length 7.90



Pkg. 1000

134245 Dp Rollers
OD 7.00, Length 11.80



Pkg. 100

134913 Dp Rollers
Servicing: 1006209570
OD 6.10, Length 7.90

Pkg. 1000



135377 Dp Rollers
Servicing: 1006209570
OD 6.00, Length 8.00

Pkg. 100



235141 Roller
Servicing: 1006209796, 1006209797,
1006209801, 1006209804, 1006209807
OD 4.96, Length 6.93

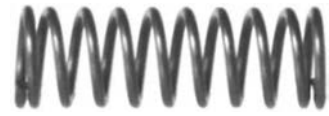
Pkg. 1000



333362 Roller
OD 5.00, Length 9.75

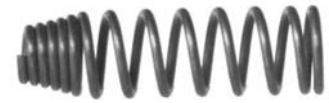
Springs

Pkg. 2000



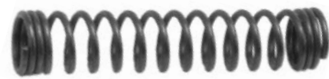
134279 Dp Springs
Replacing: 1004611018
Servicing: 1006209570
OD 4.35, Length 12.65

Pkg. 250



134280 Dp Springs
OD 5.00, Length 17.00

Pkg. 100



239699# Spring
OD 4.15, Length 20.25

Spring/Roller Retainers

Pkg. 25



134225 Spring/roller retainer
Replacing: 1000139015
ID 30.00, OD 50.95, Thickness 5.15,
Material Plastic

Pkg. 100



134259 Spring/roller retainer
Servicing: 1006209570
ID 28.70, OD 45.55, Thickness 1.75,
Material Plastic



134272 Spring/roller retainer
ID 32.45, OD 45.25, Material Plastic

Pkg. 10



134923 Spring/roller retainer
ID 32.55, OD 56.75, Thickness 0.75,
Material Nylon

Pkg. 24



134924 Spring/roller retainer
ID 33.00, OD 45.65, Thickness 17.70,
Material Nylon

Pkg. 25



134978 Spring/roller retainer
ID 31.40, OD 54.95, Thickness 5.00,
Material Plastic

Pkg. 10



231904 Spring/roller retainer
ID 28.50, OD 48.15, Thickness 5.15,
Material Plastic

Pinion



235194 Pinion
Servicing: 0001124020, 0001124021,
0001125053, 0001125054, 0001125600,
0001125601
ID 11.20, OD 29.00, Height 14.50,
No./ teeth 9



237769 Pinion
Replacing: 6033ac5246, 6033AC5149
Servicing: 0001241001, 0001241003,
0001241004, 0001241005, 0001241006,
0001241007, 0001241009, 0001241014,
0001241015, 0001241019
ID 25.60, OD 45.10, Height 22.70,
Splines 19, No./ teeth 12

Washers

Pkg. 10



134143 Lever Support
ID 36.00, OD 48.85, Thickness 4.00,
Material Plastic

Pkg. 25



134159# Washer
ID 25.85, OD 36.45, Thickness 1.00,
Material Fiber

Pkg. 100



134223 DP Washer
Replacing: 1000103005
Servicing: 1006209570
ID 12.35, OD 19.65, Thickness 2.00,
Material Steel

Pkg. 5



134228# DP Washer
ID 23.10, OD 36.70, Thickness 0.50,
Material Steel

Pkg. 10



134229# DP Washer
ID 25.75, OD 38.50, Thickness 1.60,
Material Steel

Pkg. 10

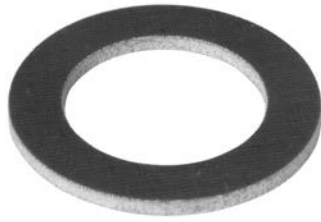


134230 DP Washer
Servicing: 1006209570
ID 26.85, OD 45.25, Thickness 1.00,
Material Steel



Pkg. 100

134757 DP Washer
ID 24.90, OD 45.00, Thickness 1.60



Pkg. 100

134765 DP Washer
ID 31.35, OD 47.85, Thickness 2.55



331021 Dust Cover Kit
ID/ housing 8.00,
OD/ housing 11.50, Thickness 1.50,
Material Steel



Pkg. 100

134758 DP Washer
ID 29.25, OD 53.85, Thickness 1.60,
Material Fiber



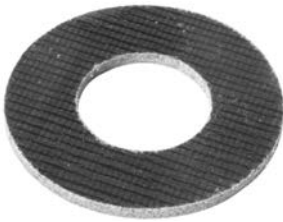
Pkg. 100

134770 Washer
Replacing: 1000207001
Servicing: 0001106405, 0001106406,
0001106407, 0001106409, 0001106410,
0001107401, 0001107402, 0001107403,
0001107404, 0001107405
ID 20.50, OD 25.80, Thickness 1.60,
Material Fiber

Various



230091 Dust Cover Kit
Servicing: 0001121018, 0001121019,
0001121024, 0001121025, 0001123036,
0001123037
For 10 teeth drives.



Pkg. 100

134759# DP Washer
ID 28.85, OD 60.35, Thickness 3.20



Pkg. 10

134914 DP Washer
ID 14.40, OD 19.70, Thickness 2.40,
Material Metal



230338 Dust Cover Kit
For 9 teeth drives.



Pkg. 100

134764 Fiber Washer
Replacing: 1000207006
Servicing: 00010DB98E, 0001106011,
0001106012, 0001106014, 0001106015,
0001106016, 0001106017, 0001106018,
0001106019, 0001106022
ID 18.50, OD 23.50, Thickness 1.60,
Material Fiber



Pkg. 10

235417 Spring/roller retainer
Servicing: 1006209796, 1006209801,
1006209804, 1006209805, 1006209806,
1006209807, 1006209809, 1006209813,
1006209814, 1006209958



Pkg. 10

231875# Dp Pin
Servicing: 2006202011
OD 4.82, Length 10.50



Pkg. 3

231876 Fly Weight

Dp Caps

Pkg. 100


230320 Dp Cap

ID 46.60, OD 48.55

Pkg. 25


230387 Dp Cap

ID 58.00, OD 59.75

Planet Gears

131989 Planet Gear

 Replacing: 9001337069, 9001140391
 Servicing: 0001218003, 0001218020,
 0001218178, B001233054, B001233091,
 B001233158

 Shaft dia./ middle 11.90,
 Total length 155.90, Splines 10

131990 Planet Gear

 Replacing: 9001140362
 Servicing: 0001218001, 0001218002,
 0001218004, 0001218007, 0001218008,
 0001218009, 0001218010, 0001218011,
 0001218012, 0001218013

 Shaft dia./ middle 11.90,
 Total length 140.90, Splines 10

131991 Planet Gear

 Replacing: 1006200050
 Servicing: 0001218006, 0001218016,
 0001218021, 0001218029, 0001218108,
 0001218160, 0001219001, 0001219007,
 0001219009, 0001219013

 Shaft dia./ middle 11.90,
 Total length 143.55, Splines 10,
 Rotation CR

133195 Planet Gear

 Replacing: 9003336285, 9001337067
 Servicing: 9000331406, 9000331411

 Shaft dia./ middle 12.00,
 Total length 131.45, Splines 10

133456 Planet Gear

 Replacing: 1006200187, 1006200006
 Servicing: 0001110004, 0001110007,
 0001110008, 0001110011, 0001110012,
 0001110013, 0001110019, 0001110022,
 0001110023, 0001110027

 Shaft dia./ middle 11.90,
 Total length 136.60, Splines 10

133457 Planet Gear

 Replacing: 1006200015
 Servicing: 0001109009, 0001110003,
 0001110005, 0001110024, 0001110025,
 0001110042, 0001110055, 0001110082,
 0001110092, 0001110102

 Shaft dia./ middle 11.90,
 Total length 136.50, Splines 10

133458 Planet Gear

 Replacing: 1007010099, 1006200021,
 1006200004

 Servicing: 0001110001, 0001110002,
 0001110014, 0001110015, 0001110057,
 0001110058, 0001110076, 0001110077,
 0001110133, 0001110134

 Shaft dia./middle 11.90, Total length 134.60,
 Splines 10, Rotation ACR

133459 Planet Gear

 Replacing: 1006200131, 1006200123,
 1006200056, 1006200022, 1006200018,
 1006200010, 1006200005, 1006200001

 Servicing: 0001107061, 0001108001,
 0001108002, 0001108004, 0001108007,
 0001108009, 0001108010, 0001108011,
 0001108012, 0001108016

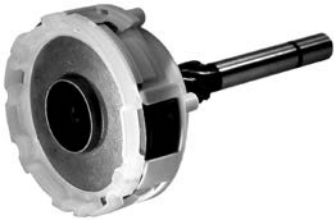
 Shaft dia./ middle 11.90,
 Total length 133.25, Splines 10

133483 Planet Gear

 Replacing: 1006200903, 1006200134,
 1006200104, 1006200049, 1006200048,
 1006200017

 Servicing: 0001108001, 0001108002,
 0001108003, 0001108009, 0001108010,
 0001108018, 0001108026, 0001108027,
 0001108042, 0001108054

 Shaft dia./ middle 11.90,
 Total length 139.00, Splines 10,
 Rotation CR



133484 Planet Gear

Replacing: 1006200902, 1006200016
 Servicing: 0001110016, 0001110028, 0001110029, 0001110030, 0001110039, 0001110041, 0001110048, 0001110049, 0001110053, 0001110054
 Shaft dia./ middle 11.90,
 Total length 140.00, Splines 10



133485 Planet Gear

Replacing: 1006200904, 1006200019, 1004200019
 Servicing: 0001110003, 0001110017, 0001110026, 0001110056, 0001110079, 0001110089, 0001110095, 0001110114, 0001110999, 0001111001
 Shaft dia./ middle 11.90,
 Total length 139.35, Splines 10



135068 Planet Gear

Replacing: 1006200910, 1006200130, 1006200037
 Servicing: 0001107003, 0001107004, 0001107022, 0001107023, B001110041, B001110100
 Shaft dia./ middle 11.90, Total length 148.20,
 Splines 10, Rotation ACR



135069 Planet Gear

Replacing: 1006200900, 1006200014
 Servicing: 0001108021, 0001108121, 0001108147, B001111069
 Shaft dia./ middle 11.90,
 Total length 138.40, Splines 10,
 Rotation ACR



135071 Planet Gear

Replacing: 9001337059, 135071
 Servicing: 0001218002, 0001218004, 0001218005, 0001218009, 0001218011, 0001218013, 0001218025, 0001218027, 0001218100, 0001218104
 Shaft dia./ middle 11.90,
 Total length 145.45, Splines 10



135072 Planet Gear

Replacing: 9003336268, 9001337062, 9001337056
 Servicing: 0001218006, 0001218016, 0001218021, 0001218029, 0001218108, 0001218109, 0001218110, 0001218123, 0001218137, 0001218139
 Shaft dia./ middle 11.90,
 Total length 144.60, Splines 10



135073 Planet Gear

Replacing: 9003336296, 9001337057
 Servicing: 0001218101, 0001218111, 0001218112, 0001218130, 0001218132, 0001218134, 0001218135, 0001218136, 0001218142, 0001218157
 Shaft dia./ middle 11.93,
 Total length 144.80, Splines 10



135074 Planet Gear

Replacing: 9003336299, 9001337058
 Servicing: 0001218002, 0001218004, 0001218005, 0001218007, 0001218008, 0001218009, 0001218010, 0001218011, 0001218012, 0001218013
 Shaft dia./ middle 11.90,
 Total length 144.90, Splines 10



135075 Planet Gear

Replacing: 9003336267, 9001337075
 Servicing: 9000331421, 9000331424, 9000331428, 9000331430
 Shaft dia./ middle 11.90,
 Total length 134.20, Splines 10



135161 Planet Gear

Replacing: 1006200040
 Servicing: 0001109001, 0001109002, 0001109006, 0001109007, B001116001
 Shaft dia./ middle 11.90,
 Total length 128.00, Splines 10



135471 Planet Gear

Replacing: 1006200103, 1006200058
 Servicing: 0001107017, 0001107018, 0001107044, 0001107045, B001110043, B001110081
 Shaft dia./ middle 11.90,
 Total length 124.55, Splines 10



135598 Planet Gear

Replacing: 1006200183, 1006200012
 Servicing: 0001110009, 0001110010, 0001110031, 0001110032, 0001110061, 0001110062, B001117030, B001117068, B001117071, B001117140
 Shaft dia./ middle 11.90,
 Total length 160.95, Splines 10,
 Rotation ACR


135600 Planet Gear

Replacing: 1006200110, 1006200042
 Servicing: 0001107009, 0001107012, 0001107013, 0001107015, 0001107034, 0001107044, 0001107060, 9000081004, B001110042, B001110043
 Shaft dia./ middle 11.90,
 Total length 124.10, Splines 10


135601 Planet Gear

Replacing: f000a10128, 1006200128, 1006200043
 Servicing: 0001107007, 0001107008, 0001107020, 0001107021, 0001107052, 0001107053, 9000694029, B001110054, B001110099, B001110116
 Shaft dia./ middle 11.90, Total length 124.35,
 Splines 10, Rotation ACR


135841 Planet Gear

Replacing: 1006200129, 1006200041, 1006200030
 Servicing: 0001107005, 0001107006, 0001108059, 0001108060, 0001108076, 0001108077, 0001108096, 0001108097, B001110060, B001111155
 Shaft dia./ middle 11.90, Total length 148.10,
 Splines 10, Rotation ACR


136788 Planet Gear

Replacing: 9001337087
 Servicing: 0001218162, 0001218165
 Shaft dia./ middle 11.90,
 Total length 135.10, Splines 10


136789# Planet Gear

Replacing: 1007010103, 1006200135, 1006200068
 Servicing: 0001108130, 0001108133, 0001108138, 0001108210, 0001110017, 0001110026, 0001110079, 0001110089, 0001110095, B001111399
 Shaft dia./ middle 11.80, Total length 125.55,
 Splines 10, Rotation ACR


136855 Planet Gear

Replacing: 1006200088
 Servicing: 0001123003, 0001124001, 0001124002, 0001124003, 0001124004, 0001124005, 0001124006, 0001124013, 0001124014, B001127016
 Shaft dia./ middle 14.15, Total length 116.45,
 Splines 16, Rotation ACR


137225 Planet Gear

Replacing: 1006200034
 Servicing: 0001110059, 0001110073, 0001110081, B001117272, B001117274
 Shaft dia./ middle 11.90,
 Total length 180.75, Splines 10,
 Rotation ACR


137328 Planet Gear

Replacing: 1006200127, 1006200069
 Servicing: 0001107025, 0001107026, 0001107103, 0001107104, B001110114
 Shaft dia./ middle 11.90,
 Total length 139.70, Splines 10


137383 Planet Gear

Replacing: 9001337073
 Servicing: 0001218116, 0001218117, B001233180
 Shaft dia./ middle 11.90,
 Total length 167.90, Splines 10,
 Rotation ACR


137463 Planet Gear

Replacing: 1006200112
 Servicing: 0001108162, 0001108172, 0001108178, 0001108188, 0001108199, 0001108202, 0001108204, 0001108224, 0001108234, 0001108235
 Shaft dia./ middle 11.90,
 Total length 120.50, Splines 10


137464 Planet Gear

Replacing: 1006200117
 Servicing: 0001125001, 0001125002, 0001125005, 0001125006, 0001125007, 0001125008, 0001125009, 0001125010, 0001125012, 0001125013
 Shaft dia./ middle 14.00,
 Total length 109.65, Splines 16,
 Rotation ACR


137465 Planet Gear

Replacing: 1006200122
 Servicing: 0001125011
 Shaft dia./ middle 14.10,
 Total length 117.10, Splines 16,
 Rotation ACR



137623 Planet Gear

Replacing: 1006200086, 1006200077
 Servicing: 0001110076, 0001110077, 0001110098, 0001110099, B001110076
 Shaft dia./ middle 11.90,
 Total length 137.20, Splines 10



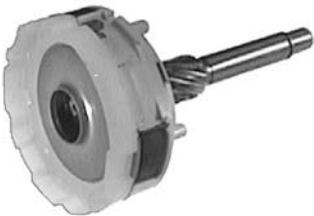
137624 Planet Gear

Replacing: 9001337085
 Servicing: 9000331201, 9000331203
 Shaft dia./ middle 11.92,
 Total length 141.65, Splines 10



137754[#] Planet Gear

Replacing: 1006200133, 1006200070
 Servicing: 0001107027, 0001107028, 0001107029, 0001107041, B001110133
 Shaft dia./ middle 11.90,
 Total length 127.95, Splines 10



137755 Planet Gear

Replacing: 1006200111, 1006200081, 1006200071, 1006200061
 Servicing: 0001108125, 0001108128, 0001108132, 0001108139, 0001108140, 0001108141, 0001108148, 0001108150, 0001108155, 0001108156
 Shaft dia./ middle 11.90,
 Total length 132.45, Splines 10



137783[#] Planet Gear

Replacing: 1006200032, 1006200007
 Servicing: 0001108013, 0001108032, 0001108045, 0001108046, 0001108066, 0001108070, 0001108105, B001111031, B001111105, B001111145
 Shaft dia./ middle 10.90,
 Total length 131.90, Splines 10



137884 Planet Gear

Replacing: 1006200101
 Servicing: 0001109015, 0001109052, 0001109055, 0001109062, 0001109068, 0001109202, 0001109203
 Shaft dia./ middle 11.90,
 Total length 129.25, Splines 10



137885 Planet Gear

Replacing: 1006200114
 Servicing: 0001107054, 0001107055, 0001107067, 0001107068, 0001107069, 0001107073, 0001107074, 0001107076
 Shaft dia./ middle 11.95,
 Total length 121.20, Splines 10



137886 Planet Gear

Replacing: 1006200118, 1006200109, 1006200100
 Servicing: 0001124007, 0001124008, 0001124011, 0001124012, 0001124022, 0001124023, 0001124024, 0001124025, 0001125003, 0001125004
 Shaft dia./ middle 14.20, Total length 120.30,
 Splines 16, Rotation ACR



137887 Planet Gear

Replacing: 1006200125
 Servicing: 0001107059, 0001107082, F005M00006, F005M00013
 Shaft dia./ middle 11.90,
 Total length 113.30, Splines 10



137920 Planet Gear

Replacing: 1006200098, 1006200059
 Servicing: 0001108123, 0001108134, 0001108160, 0001108995, 9007046007, 9007046009, B001111412
 Shaft dia./ middle 10.90,
 Total length 125.45, Splines 10



137921 Planet Gear

Replacing: 1006200145, 1006200087
 Servicing: 0001107037, 0001107048, 0001108157, 0001108169, 0001108190, 0001108196, B001111498
 Shaft dia./ middle 11.92,
 Total length 120.71, Splines 10,
 Rotation CR



138232 Planet Gear

Replacing: 1006200083
 Servicing: 0001107031, 0001107032, 0001107049, 6004AA0018, 9007045009, 9007045018, 9007045020
 Shaft dia./ middle 10.85,
 Total length 117.70, Splines 10


138253 Planet Gear

Replacing: 1006200064
 Servicing: 0001107024, B001110080
 Shaft dia./ middle 11.90,
 Total length 123.85, Splines 10


138325 Planet Gear

Replacing: 1006200099, 1006200096
 Servicing: 0001109014, 0001109018,
 0001109025, 0001109026, 0001109028,
 0001109030, 0001109031, 0001109033,
 0001109036, 0001109041
 Shaft dia./ middle 11.90,
 Total length 125.15, Splines 10


138862# Planet Gear

Replacing: 1006200132, 1006200057
 Servicing: 0001107014, 0001107016,
 B001110071, B001110078, F004A94009
 Shaft dia./ middle 11.90,
 Total length 132.80, Splines 10


138916 Planet Gear

Replacing: 1006200153, 1006200148,
 1006200072
 Servicing: 0001106011, 0001106015,
 0001106019, 0001107030, 0001107075,
 0001107077, 0001107079, 0001107088,
 0001107089, 0001107092
 Shaft dia./ middle 11.90,
 Total length 110.75, Splines 10


138917# Planet Gear

Replacing: 1006200060
 Servicing: 0001107019, B001110044
 Shaft dia./ middle 11.90,
 Total length 118.15, Splines 10


138918 Planet Gear

Replacing: 1006200062
 Servicing: 0001107010, 0001107038,
 B001110093
 Shaft dia./ middle 11.90,
 Total length 109.15, Splines 10


138919 Planet Gear

Replacing: 1006200180, 1006200160,
 1006200063
 Servicing: 0001106016, 0001107011,
 0001107039, 0001107080, 9007045016,
 B001110092
 Shaft dia./ middle 11.90,
 Total length 129.75, Splines 10,
 Rotation ACR


138920 Planet Gear

Replacing: 1006200184, 1006200055
 Servicing: 0001110061, 0001110062,
 0001110069, 0001110070, 0001110084,
 0001110085, 0001110086, 0001110087,
 0001110118, 0001110119
 Shaft dia./ middle 11.90,
 Total length 162.00, Splines 10,
 Rotation ACR


139012# Planet Gear

Replacing: 1006200097, 1006200067
 Servicing: 0001108135, B001111415,
 F002G20592
 Shaft dia./ middle 10.90,
 Total length 139.35, Splines 10


139021 Planet Gear

Replacing: 1006200093
 Servicing: 0001107047
 Shaft dia./ middle 11.90,
 Total length 114.65, Splines 10


139509 Planet Gear

Replacing: 9001337094
 Servicing: 0001218172, 0001218772
 Shaft dia./ middle 11.90,
 Total length 135.70, Splines 10


139969 Planet Gear

Replacing: 1006200201, 1006200195,
 1006200095
 Servicing: 0001106014, 0001107043,
 0001107063, 0001107066, 0001107087,
 0001107091, 0001107097, 0001107109,
 0001107110, 0001107111
 Shaft dia./ middle 11.90,
 Total length 110.55, Splines 10



139976 Planet Gear

Replacing: 9001337098, 9001337097, 9001337091, 7001337097, 7001337091

Servicing: 0001218166, 0001218173, 0001218766

Shaft dia./ middle 11.90,
Total length 135.55, Splines 11



230158 Planet Gear

Replacing: 1006200027

Servicing: 0001109011, 0001109012, 0001110033, B001117229

Shaft dia./ middle 11.90,
Total length 136.65, Splines 10



230167# Planet Gear

Replacing: 1106200047, 1006200047

Servicing: 0001108115, 0001108145, B001111362

Shaft dia./ middle 11.90,
Total length 138.35, Splines 10



230551# Planet Gear

Replacing: 1006200082

Servicing: 0001108153

Shaft dia./ middle 11.90,
Total length 134.00, Splines 10

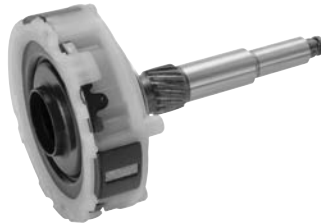


230698# Planet Gear

Replacing: 1006200138

Servicing: 0001108171

Shaft dia./ middle 11.90,
Total length 114.90, Splines 10



230830 Planet Gear

Replacing: 1006200126

Servicing: 0001125055, 0001125056, 0001125501, 0001125502, 0001125503, 0001125504, 0001125507, 0001125508, 0001125511, 0001125512

Shaft dia./ middle 14.15,
Total length 115.85, Splines 16,
No./ teeth 38
Gear wheel: HC-CARGO 134066.



230832# Planet Gear

Replacing: 1006200036

Servicing: 0001108094, 0001108095, 0001108127, B001111169

Shaft dia./ middle 11.90,
Total length 129.30, Splines 10



230833 Planet Gear

Replacing: 1006200155

Servicing: 0001108180, 0001108182, 0001108186

Shaft dia./ middle 11.90,
Total length 125.25, Splines 10



230912 Planet Gear

Replacing: 1006200206, 1006200161

Servicing: 0001106012, 0001106017, 0001106022, 0001106023, 0001106024, B001109104

Shaft dia./ middle 11.90, Total length 118.00,
Splines 11, Rotation CR



231083 Planet Gear

Replacing: 9001336244, 6033ad3310

Servicing: 0001230001, 0001230003, 0001230004, 0001230005, 0001230006, 0001230007, 0001230008, 0001230009, 0001230010, 0001230011

Shaft dia./ middle 14.10,
Total length 180.25, Splines 10

Alternative no.: 333594



231202 Planet Gear

Replacing: 1006200137

Servicing: 0001121006, 0001121007, 0001121008, 0001121009, 0001121010, 0001121011, 0001121016, 0001121017, 0001121018, 0001121019

Shaft dia./ middle 10.90, Total length 114.15,
Splines 16, Rotation ACR



231900# Planet Gear

Replacing: 1006200105

Servicing: 0001115001, 0001115002, 0001115007, 0001115012, 0001115015, 0001115024

Shaft dia./ middle 11.90,
Total length 125.60, Splines 10


233580 Planet Gear

Replacing: 1006200141
 Servicing: 0001107062, 0001107083
 Shaft dia./ middle 11.90,
 Total length 119.20, Splines 10


233907 Planet Gear

Replacing: 1006200074
 Servicing: 0001107033, 0001107061
 Shaft dia./ middle 11.90,
 Total length 132.55, Splines 10


234085 Planet Gear

Replacing: 1006200136
 Servicing: 0001109034, 0001109063
 Shaft dia./ middle 11.90,
 Total length 121.30, Splines 10


234142 Planet Gear

Replacing: 1006200185
 Servicing: 0001124020, 0001124021
 Shaft dia./ middle 14.15,
 Total length 125.20, Splines 16


234156 Planet Gear

Replacing: 1006200150
 Servicing: 0001109021, 0001109022,
 0001109066, 0001109067, B001116092
 Shaft dia./ middle 11.90,
 Total length 134.35, Splines 10


234239 Planet Gear

Replacing: 1006200120
 Servicing: 0001108167, 0001115008,
 0001115016, 0001115017, 0001115020,
 0001115021, 0001115025, 0001115031,
 0001115032, 0001115039
 Shaft dia./ middle 12.00,
 Total length 120.10, Splines 10


234240 Planet Gear

Replacing: 1006200142
 Servicing: 0001108197, 0001115005,
 0001115006, 0001115009, B001115020
 Shaft dia./ middle 11.90,
 Total length 139.90, Splines 16


234323 Planet Gear w/ Drive

Servicing: 0001230001, 0001230006,
 0001231002, 0001231005
 Total length 172.00, No./ teeth 9


234368 Planet Gear

Replacing: 1006200108
 Servicing: 0001121001, 0001121002,
 0001121030, 0001121031, 0001121032,
 0001121033, 0001121034, 0001121035
 Shaft dia./ middle 10.90,
 Total length 112.90, Splines 16


234375 Planet Gear

Replacing: 6033ad0063
 Servicing: 0001223002, 0001223003,
 0001223007, 0001223016, 0001223021,
 0001223024
 Shaft dia./ middle 11.85,
 Total length 142.00, Splines 16


234396 Planet Gear

Replacing: 6033ad0053
 Servicing: 0001223001, 0001223008,
 0001223009, 0001223010, 0001223013,
 0001223014, 0001223022
 Shaft dia./ middle 11.90,
 Total length 137.25, Splines 16


234502# Planet Gear

Replacing: 1006200044
 Servicing: 0001109003, 0001109008,
 B001116006, B001116015
 Shaft dia./ middle 12.00,
 Total length 152.75, Splines 10



234503 Planet Gear

Replacing: 1006200166
 Servicing: 0001125016, 0001125017, 0001125018, 0001125019, 0001125046, 0001125047, 0001125048, 0001125049, 0001125605, 0001125606
 Shaft dia./ middle 14.00, Total length 140.00, Splines 16, Rotation ACR



235025 Planet Gear

Replacing: 1006200972, 1006200309, 1006200307, 1006200306, 1006200304, 1006200303
 Servicing: 0001107401, 0001107403, 0001107404, 0001107405, 0001107406, 0001107407, 0001107408, 0001107410, 0001107411, 0001107417
 Shaft dia./ middle 11.00, Total length 109.70, Splines 16, Rotation CR



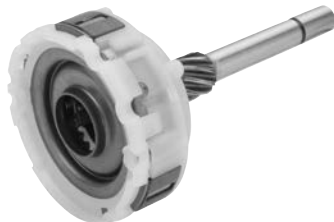
235399 Planet Gear

Replacing: 1006200310, 1006200302, 1006200301
 Servicing: 0001107401, 0001107402, 0001107403, 0001107406, 0001107407, 0001107408, 0001107409, 0001107410, 0001107417, 0001107418
 Shaft dia./ middle 10.95, Total length 110.00, Splines 16, Rotation CR



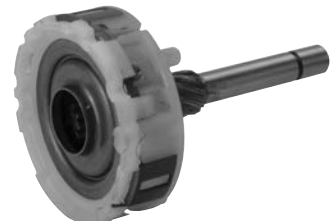
235579 Planet Gear

Replacing: 1006200178
 Servicing: 0001109045, 0001109201, 0001109250, 0001110132, F000AL0115, F002G20795



235704 Planet Gear

Replacing: 1006200909, 1006200163, 1006200152, 1006200090, 1006200039
 Servicing: 0001109040, 0001110016, 0001110029, 0001110030, 0001110039, 0001110041, 0001110048, 0001110049, 0001110053, 0001110063
 Shaft dia./ middle 11.90, Total length 139.90, Splines 10, Rotation CR



235866 Planet Gear

Replacing: 1006200154
 Servicing: 0001109035
 Shaft dia./ middle 11.92, Total length 116.80, Splines 10, No./ teeth 13, Rotation CR

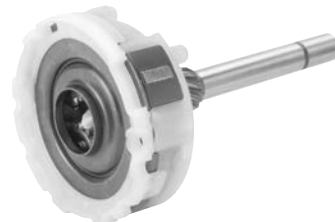


236813 Planet Gear

Replacing: 1006200157
 Servicing: 0001107078
 Shaft dia./ middle 11.93, Total length 111.00, Splines 10, Rotation CR

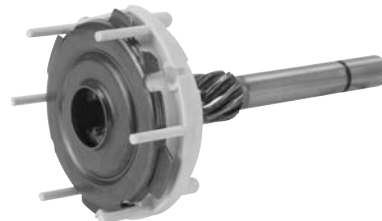
239780 Planet Gear

Replacing: 1007010128, 1006200319
 Servicing: 0001107433, 0001107434, 0001107438, 0001107439, 0001107440, 0001107441, 0001107448, 0001107449, 0001107456, 0001107476
 Shaft dia./middle 10.97, Total length 109.11, Splines 10, Rotation CR



332236 Planet Gear

Replacing: 1006200214
 Servicing: 0001109258, 0001109259, 0001109260, 0001109261
 Shaft dia./ middle 11.90, Total length 135.50, Splines 10, No./ teeth 37, Rotation CR



333350 Planet Gear

Replacing: 1006200026
 Servicing: 0001108050, 0001108099, 0001108203, B001111098, B001111273
 Shaft dia./ middle 11.92, Total length 130.23, No./ teeth 10, Rotation CR



333358 Planet Gear w/ clutch

Replacing: 6033AD5359
 Servicing: 0001241001, 0001241008, 0001241012, 0001241024, 0001241119, 0001261003, 0001261004, 0001261005, 0001261006, 0001261013
 Total length 137.60, Splines 14, No./ teeth 41, Rotation CR



333464 Planet Gear

Replacing: 1006200342
 Servicing: 0001109306, 0001109307, 0001109321, 0001109322, 0001109342, 0001109343, 0001109365, 0001109366, 0001109375, 0001109376
 Shaft dia./ middle 11.98, Total length 132.00, Splines 10


333550 5★ Planet Gear

Manufacturer: Bosch

Replacing: 1006200316

Servicing: 0001107429, 0001107431, 0001107432, 0001107437, F002G20485, F002G20917, F002G70069

 Shaft dia./ middle 10.91,
 Total length 109.44, Splines 10,
 No./ teeth 16, Rotation CR
 Alternative no.: 236833

333594 5★ Planet Gear

Manufacturer: Bosch

Replacing: 9001336244, 6033ad3310

Servicing: 0001230004, 0001230005, 0001230006, 0001230007, 0001230009, 0001230013, 0001230027, 0001230030, 0001231009, 0001231012

 Shaft dia./ middle 14.10,
 Total length 180.50, Splines 10,
 No./ teeth 13
 Alternative no.: 231083

Gear Parts
Outer Gear

131503 Outer Gear

Replacing: 1005821307, 1005821300

Servicing: 0001106001, 0001106002, 0001106015, 0001107005, 0001107006, 0001107092, 0001108004, 0001108019, 0001108023, 0001108024

 ID 46.75, OD 70.00, Height 23.50,
 No./ teeth 37

Pkg. 5


132123 Outer Gear

Replacing: 1005821303

Servicing: 0001109003, 0001109008, 0001109011, 0001109012, 0001110001, 0001110002, 0001110004, 0001110005, 0001110007, 0001110008

 ID 52.50, OD 74.00, Height 39.70,
 No./ teeth 42

Pkg. 5


135077 Outer Gear

Replacing: 9002338850

Servicing: 0001218002, 0001218003, 0001218004, 0001218005, 0001218006, 0001218007, 0001218008, 0001218009, 0001218010, 0001218011

 ID 52.50, OD 86.00, Height 30.00,
 No./ teeth 42

Pkg. 5


135078 Outer Gear

Replacing: 1005821312

Servicing: 0001106014, 0001107003, 0001107004, 0001107007, 0001107008, 0001107009, 0001107011, 0001107012, 0001107013, 0001107015

 ID 46.75, OD 70.00, Height 17.00,
 No./ teeth 37

Pkg. 5


135079 Outer Gear

Replacing: 1005821313

Servicing: 0001109001, 0001109002

 ID 53.00, OD 74.00, Height 17.50,
 No./ teeth 42

137812 Outer Gear

 ID 46.90, OD 70.00, Height 17.50,
 No./ teeth 37

Pkg. 5


138991 Outer Gear

Replacing: 138991, 1005821321

Servicing: 0001107077, 1006200062, 1006200063, 1006200072

 ID 44.65, OD 70.00, Height 16.50,
 No./ teeth 36

Pkg. 5


231751 Outer Gear

Replacing: 9003337009

Servicing: 0001230001, 0001230002, 0001230003, 0001230004, 0001230005, 0001230006, 0001230007, 0001230008, 0001230009, 0001230010

 ID 62.00, OD 90.00, Height 40.00,
 No./ teeth 42

Pkg. 5


233497 Outer Gear

Servicing: 1006200136

 ID 48.75, OD 74.00, Height 17.50,
 No./ teeth 38

Pkg. 5



Pkg. 5

235105 Outer Gear

Servicing: 1006200138, 1006200162
ID 46.50, OD 70.00, Height 24.00,
No./ teeth 37

Gear Covers



Pkg. 5

133466 Gear Cover

Replacing: 1005821352, 1005821308
Servicing: 0001107014, 0001107016,
0001107017, 0001107018, 0001107027,
0001107028, 0001107041, 0001108001,
0001108002, 0001108003
ID 18.00, OD 69.50, Height 28.00



Pkg. 5

133467 Gear Cover

Replacing: 1005821306, 1005321306
Servicing: 0001109040, 0001110003,
0001110016, 0001110017, 0001110026,
0001110028, 0001110029, 0001110030,
0001110031, 0001110039
Height 32.50 mm.



Pkg. 5

135970 Gear Cover

ID 17.90, OD 70.00, Height 25.00



Pkg. 5

139143 Gear Cover

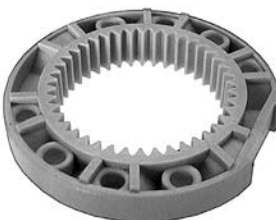
Replacing: 139143, 1005821333

Gear Wheels



131992 Gear Wheel

Replacing: 9001140322
Servicing: 0001218001, 0001218002,
0001218003, 0001218004, 0001218005,
0001218006, 0001218007, 0001218008,
0001218009, 0001218010
ID 52.00, OD 86.00, Height 14.15,
No./ teeth 42



132604 Gear Wheel

Replacing: 9001140322
Servicing: 0001218029, b001233158
ID 52.00, OD 86.00, Height 14.25,
No./ teeth 42
As HC-CARGO 131992, but in plastic.



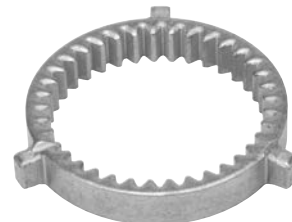
134035 Gear Wheel Kit

Servicing: 1006200006, 1006200021,
1006200902
ID 9.95, OD 19.30, Height 10.50,
No./ teeth 13
w/ needle bearing.
Alternative no.: b134035



134066 Gear Wheel Kit

Servicing: 1006200015
Shaft dia./ middle 2.10,
Total length 10.10, Splines 12,
Rotation CR/ACR
Alternative no.: b134066



134516 Gear Wheel

Servicing: 1006200017
ID 46.78, OD 57.70, Height 10.00,
No./ teeth 37
Alternative no.: b134516



134875 Gear Wheel Kit

ID 5.00, OD 18.20, Height 12.00,
No./ teeth 12
Alternative no.: b134875

Pkg. 10

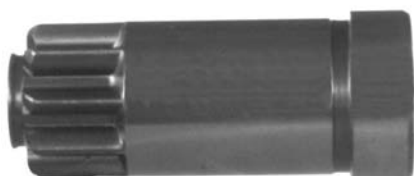


134970 Dp Gear

ID 12.00, OD 25.00, Height 24.95,
No./ teeth 9



135080 Gear Wheel
ID 52.23, OD 62.00, Height 13.50,
No./ teeth 42



136679 Gear Wheel
ID 12.70, OD 25.15, Height 65.70,
No./ teeth 9



138989 Gear Wheel
ID 48.70, OD 62.00, Height 13.50,
No./ teeth 38



139278 Gear Wheel
Servicing: 1006200087, 1006200145
ID 44.50, OD 57.70, Height 10.00,
No./ teeth 36



139572 Gear Wheel Kit
ID 5.00, OD 18.00, Height 9.50,
No./ teeth 12
Alternative no.: b139572



139803 Dp Gear
ID 14.20, OD 25.20, Height 68.70,
No./ teeth 9



234919 Gear Wheel
Servicing: 1006200101
ID 46.40, OD 62.30, Height 13.30,
No./ teeth 37



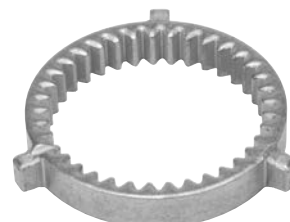
234925 Gear Wheel
Servicing: 6033ac5060, 9001336244
ID 61.50, OD 76.00, Height 16.50,
No./ teeth 41



235173 Gear Wheel
Servicing: 0001107072, 0001121008,
0001121009, 0001121010, 0001121011,
0001121016, 0001121017, 0001121026,
0001121027, B001120046
ID 48.50, OD 58.00, Height 10.00,
No./ teeth 40



B134035 Gear Wheel
Replacing: 134035
Alternative no.: 134035



B134516 Gear Wheel
Replacing: 134516
Alternative no.: 134516

Gear Plates



133468 Gear Plate
Servicing: 0001107014, 0001107016,
0001107031, 0001107037, 0001107041,
0001107045, 0001107048, 0001107049,
0001107059, 0001107070
ID 18.50, OD 70.00, Thickness 12.00,
Gasket w/o



133469 Gear Plate
Servicing: 0001109021, 0001109022,
0001109040, 0001109258, 0001109259,
0001110016, 0001110017, 0001110028,
0001110029, 0001110030
ID 25.50, OD 74.00

Pkg. 100

Pkg. 3

Pkg. 5

Pkg. 5

Pkg. 10

Pkg. 5

Pkg. 10



133475 Gear Plate

Replacing: 1000520035
 Servicing: 1006200006, 1006200018
 ID 18.50, OD 60.00, Thickness 8.90

Pkg. 5



133476 Gear Plate

Servicing: 1006200015, 1006200021
 ID 25.50, OD 74.00, Thickness 9.00,
 Gasket w/o

Pkg. 5



135082 Gear Plate

ID 26.00, OD 87.00, Thickness 1.00,
 No./ mount. holes 2



234537 Gear Plate

Servicing: 1006200099, 1006200117,
 1006200118, 1006200126, 1006200166,
 1006200178
 ID 22.65, OD 71.80, Thickness 8.30

Pkg. 10



235136 Gear Plate

Servicing: 0001106012, 0001106014,
 0001106016, 0001106017, 0001106022,
 0001106023, 0001106024, 0001107011,
 0001107019, 0001107039
 ID 18.50, OD 70.00, Thickness 7.77

Pkg. 5



235164 Gear Plate

Servicing: 9001336244
 ID 27.30, OD 90.60

Rubbers

Pkg. 3



133478 Rubber Seal

Servicing: 1006200019, 1006200902,
 1006200904
 Length 20.00, Thickness 14.00

Pkg. 10



135056 Rubber Seal

Length 25.00, Thickness 14.00

Pkg. 10



139173 Rubber Seal

Length 14.00, Thickness 20.00

Pkg. 10



232853 Rubber Seal

Servicing: 0001230006, 0001230012,
 0001230014, 0001231002, 0001231003,
 0001231004, 0001231008, 0001231009,
 0001231011, 0001231013
 Length 19.00, Thickness 30.00

Pkg. 10



234887 Rubber Seal

Servicing: 1006200017, 1006200209,
 1006200903
 Height 20.00 mm. Length 12.00 mm.

Rivets

Pkg. 10



134067 Rivet

Servicing: 1006200005, 1006200018,
 1006200903
 OD 6.00, OD/ collar 12.50, Length 18.50,
 Height/ collar 2.00, Collar w/

Pkg. 10


134068 Rivet

Servicing: 1006200006, 1006200021, 1006200902

OD 6.00, OD/ collar 12.50, Length 21.30, Height/ collar 2.00, Collar w/

Pkg. 10


134069 Rivet

Servicing: 1006200015, 1006200904

OD 5.00, OD/ collar 12.00, Length 21.30, Height/ collar 2.00, Collar w/

Pkg. 10


135866 Rivet

Servicing: 1006200037

OD 6.00, OD/ collar 12.50, Length 16.70, Height/ collar 2.00, Collar w/

Pkg. 10


139671 Rivet

Servicing: 0001109001, 0001109002, 0001125001, 0001125011

OD 5.00, OD/ collar 12.00, Length 17.90, Height/ collar 2.00, Collar w/

Repair Kits

134160 Repair Kit

Various

Pkg. 5


133470 Gear Ring

Servicing: 0001108001, 0001108002, 0001108003, 0001108009, 0001108010, 0001108018, 0001108026, 0001108027, 0001108042, 0001108054

ID 50.52, OD 70.00, Height 17.25

Pkg. 25


133471 Gear Ring

Servicing: 0001109014, 0001109021, 0001109022, 0001109036, 0001109040, 0001109258, 0001109259, 0001110003, 0001110016, 0001110017

OD 74.00, Height 11.50

Pkg. 5


135971 Gear Ring

Servicing: 0001107014, 0001107016, 0001107017, 0001107018, 0001107027, 0001107028, 0001107037, 0001107041, 0001107045, 0001107048

ID 50.25, OD 70.00, Height 11.50

Pkg. 5


231382 Gear Ring

Servicing: 0001107031, 0001107037, 0001107048, 0001107049, 0001107070, 0001107071, 0001107072, 0001108157, 0001108169, 0001108190

ID 50.30, OD 69.80

Pkg. 10


231833 Gear Ring

Servicing: 0001109014, 0001109018, 0001109025, 0001109026, 0001109030, 0001109033, 0001109036, 0001109041, 0001109045, 0001109048

ID 57.80, OD 74.30, Height 12.80

Pkg. 10


234227 Fiber Washer

ID 22.00, OD 35.60, Thickness 1.00, Material Fiber

Pkg. 10


235073 Fiber Washer

Servicing: 0001218162, 0001218165, 0001218166, 0001218172, 0001223001, 0001223002, 0001223003, 0001223005, 0001223007, 0001223013

ID 19.00, OD 27.00, Thickness 0.90, Material Fiber

Pkg. 10



235074 Fiber Washer

Replacing: 0001218172, 0001223001, 0001223002, 0001223003, 0001223005, 0001223007, 0001223013, 0001223014, 0001223024

ID 18.00, OD 33.00, Thickness 0.80, Material Fiber

Pkg. 10



235299 Washer

Replacing: 1000101032

Servicing: 0001106011, 0001106012, 0001106014, 0001106015, 0001106016, 0001106017, 0001106019, 0001106022, 0001106023, 0001106024

ID 18.10, OD 33.80, Thickness 0.80, Material Metal

Levers



131138 Lever

Replacing: 2001933175, 2001933174, 2001933104

Servicing: 0001358048, 0001358049, 0001358050, 0001358051, 0001358200, 0001358201, 0001358202, 0001359008, 0001359043, 0001359049

Dist. 36.30, ID 8.35, Length 104.70

Pkg. 5



132808 Lever

Replacing: 1001933111, 1001933110, 1001933108, 1001933106

Servicing: 00010DB98E, 0001106001, 0001106002, 0001106004, 0001106011, 0001106012, 0001106014, 0001106015, 0001106016, 0001106017

Dist. 41.40, Length 86.50

Alternative no.: 333537



135327 Lever

Replacing: 1001933103

Servicing: 0001312108, 0001312109, B001335003

Dist. 44.40, Length 96.15



135777 Lever

Replacing: 1001933101

Servicing: 0001208501, 0001208508, 0001208510, 0001208513, 0001208514, 0001208515, 0001208516, 0001208517, 0001208518, 0001208519

Dist. 40.35, Length 92.70



136242 Lever

Replacing: 1001933072

Servicing: 0001311100, 0001311107, 0001311110, 0001311111, 0001311118, 0001311121, 0001311122, 0001311125, 0001311128, 0001311129

Dist. 31.80, ID 6.10, Length 94.60



136298 Lever

Replacing: 1001933104, 1001933100

Servicing: 0001317007, 0001317008, 0001317009, 0001317010, 0001317011, 0001317012, 0001317013, 0001317014, 0001317015, 0001317016

Dist. 36.00, Length 97.30



137617 Lever

Replacing: 2001933149, 2001933148

Servicing: 0001358049, 0001359008, 0001359014, 0001359016, 0001359020, 0001359023, 0001359025, 0001359027, 0001359030, 0001359032

Dist. 37.60, ID 8.20, Length 101.20



137880# Lever

Replacing: 1001933095, 1001933094

Servicing: 0001157024, 0001157025, 0001157026, 0001157028, 0001157029, 0001157030, 9000141116, 9000334102, 9000334103, 9000334104



139060 Lever

Replacing: 2001933056

Servicing: 0001204102, 0001204103, 0001208044, 0001208049, 0001208051, 0001208052, 0001208053, 0001208054, 0001208055, 0001208100

Dist. 32.00, ID 5.90, Length 88.40


139700 Lever

Replacing: 9003331931, 6033ac4002
 Servicing: 0001223500, 0001223501, 0001223502, 0001223503, 0001223504, 0001223505, 0001223506, 0001223507, 0001230001, 0001230002
 Dist. 48.65, Length 99.50


139807 Lever

Replacing: 1001933084
 Servicing: 0001212204, 0001212205, 0001212206, 0001212207, 0001212208, 0001212209, 0001212210, 0001212211, 0001212212, 0001212213
 Dist. 42.55, ID 6.10, Length 89.40


139811 Lever

Replacing: 2001933021
 Servicing: 0001370003, 0001370004, 0001371004, 0001371005, 0001371006, 0001371007, 0001371008, 0001371009, 0001371010, 0001371012
 Dist. 37.90, ID 8.15, Length 109.50


233570 Lever

Replacing: 1001933126
 Servicing: 0001106403, 0001106404, 0001106405, 0001106406, 0001106407, 0001106409, 0001106410, 0001107401, 0001107402, 0001107403
 Dist. 31.20, Length 81.80


234052# Lever

Replacing: 1001933113
 Servicing: 0001116001, F002G20149, F002G20170, F002G20544
 Dist. 50.15, Length 90.00


234890 Lever

Servicing: 0001107030, 0001107075, 0001107079, 0001109034, 0001110132, 0001123036, 0001123037, F000AL0319
Lever w/ support.


333408 Lever

Replacing: 2007010150
 Servicing: 0001260004, 0001260025, 0001260026, 0001261001, 0001261002, 0001261003, 0001261004, 0001261005, 0001261006, 0001261013
 Dist. 47.00, Length 98.50


333537 Lever

Manufacturer: Bosch
 Replacing: 1001933111, 1001933110, 1001933108, 1001933106
 Servicing: 0001106011, 0001106014, 0001106016, 0001106019, 0001106023, 0001106024, 0001107003, 0001107004, 0001107005, 0001107006
 Dist. 43.80, Length 89.80
 Alternative no.: 132808

Lever Parts
Various

Pkg. 5


132226 Pivot Pin

Replacing: 2003429066, 2003429063, 2003429025, 2003429000, 2003421012
 Servicing: 0001358048, 0001358049, 0001358200, 0001358201, 0001358202, 0001359016, 0001359049, 0001359072, 0001359073, 0001359075
 Total length 40.25, Length/rear collar 36.00, Thread length 10.40, Thread size M8

Pkg. 100


134224 Lever Support

ID 27.50, OD 40.20, Thickness 4.20, Material Plastic

Pkg. 10


134616 Lever Support

Replacing: 1000113009
 Servicing: 1006209570

Pkg. 10


135783 Pivot Pin

Replacing: 2003410018, 2003410016
 Servicing: 0001357002, 0001357003, 0001358020, 0001358040, 0001358047, 0001358051, 0001358200, 0001358201, 0001358202, 0001359002
 Total length 50.30, Length/rear collar 44.00, Thread length 13.15, Thread size M8

Pkg. 5



136283 Lever Support

Replacing: 0001107005, 0001107006, 0001107014, 0001107027, 0001107028, 0001107033, 0001107041, 0001108003, 0001108011, 0001108012
ID 7.40, Length 33.00

Pkg. 5



137791 Lever Support

Replacing: 0001106011, 0001106014, 0001106015, 0001107019, 0001107030, 0001107031, 0001107038, 0001107049, 0001107059, 0001107063
ID 7.20, Length 29.00

Pkg. 5



138221 Lever Support

Replacing: 1001328046
Servicing: 0001106012, 0001106017, 0001106019, 0001106022, 0001106023, 0001106024, 0001107003, 0001107004, 0001107007, 0001107008
ID 7.15, Length 23.90

Pkg. 5



138597 Lever Support

Replacing: 0001108001, 0001108002, 0001108004, 0001108005, 0001108006, 0001108009, 0001108010, 0001108033, 0001208513, 0001208514
ID 6.75, Length 31.00

Pkg. 5



138598 Lever Support

Servicing: 0001208515, 0001208517, 0001208526, 0001208528, 0001208717, 0001218168, 0001218171, 0001218172, 0001218768, 0001218772
ID 7.25, Length 27.80



139061# Lever Kit

Replacing: 9001082207
Servicing: 9000082013, 9000082021, 9000082028, 9000082029, 9000082033, 9000082036, 9000082040, 9000082042, 9000082043, 9000082045

Pkg. 5



139814 Pivot Pin

Replacing: 2003429071, 2003429069, 2003429065, 2003429064
Servicing: 0001370003, 0001370004, 0001371004, 0001371005, 0001371006, 0001371007, 0001371008, 0001371009, 0001371010, 0001371012
Total length 60.00,
Length/ rear collar 58.35,
Thread length 15.55, Thread size M8

Pkg. 10



233527 Lever Spacer

Servicing: 0001371004, 0001371006, 0001371008, 0001372001, 0001372002, 0001372003, 0001372005, 0001372006, 0001372007, 0001372008
Total length 14.20/28.80,
Thread length 3.10,
Thread size/ external 10.50
Lever: HC-CARGO 139811.

Clutches



130317 Clutch

Replacing: 2006401527, 2003162016, 2003162006, 2003162005, 2003162001
Servicing: 0001410015, 0001410016, 0001410017, 0001410018, 0001410019, 0001410021, 0001410022, 0001410023, 0001410024, 0001410025
ID 9.70, Total length 166.00, Splines 6, Rotation CR



130328 Clutch

Replacing: 2009999032, 2006401908, 2006401904, 2006401903
Servicing: 0001401044, 0001401046, 0001401049, 0001401050, 0001401067, 0001401069, 0001401071, 0001401073, 0001402008, 0001402018



135375 Clutch

Replacing: 2000780133
Servicing: 0001510001, 0001510002, 0001510003, 0001510004, 0001510005, 0001510008, 0001510009, 0001510010, 0001510011, 0001510012
ID 75.75, Total length 176.50
Clutch set: HC-CARGO 235672.


235672 Clutch Kit

Replacing: 2007010044

Servicing: 0001510000, 0001510001, 0001510002, 0001510003, 0001510005, 0001510008, 0001510009, 0001510010, 0001510017, 0001510018

 ID 46.00/47.60,
 OD 65.40/75.50, Thickness 0.90/1.40

333407 Clutch

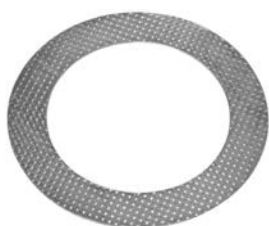
Replacing: 333406, 333397, 2007010160, 2006209558

Servicing: 0001241001, 0001241119, 0001261003, 0001261004, 0001261005, 0001261006, 0001261012, 0001261013, 0001261023, 0001261025

 Total length 130.60, Splines 19
 O.D. clutch: 72.45 mm.

Clutch Parts
Various

Pkg. 10


131445 Washer

Replacing: 2000105040

Servicing: 0001410015, 0001410016, 0001410017, 0001410018, 0001410019, 0001410021, 0001410022, 0001410023, 0001410024, 0001410025

ID 41.10, OD 57.60, Thickness 0.50


231369 Clutch Housing

Servicing: 0001410015, 0001410016, 0001410024, 0001410037, 0001410041, 0001410044, 0001410046, 0001410053, 0001410063, 0001410065

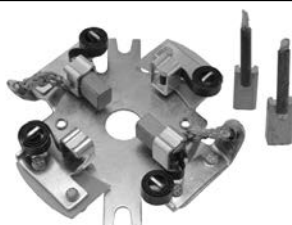
Brush Gears

130684 Brush Gear

Replacing: 1004336049, 1004336034, 1004336028, 1001329900

Servicing: 0001208172, 0001208200, 0001208201, 0001208202, 0001208203, 0001208204, 0001208205, 0001208206, 0001208208, 0001208209

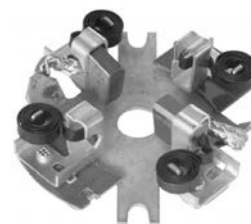
OD 83.00

 w/ neg. brushes. Brush set: HC-CARGO
 BSX984.

130685 Brush Gear

Replacing: 1004336055, 1004336029, 1004336025

Servicing: 0001208053, 0001208054, 0001208200, 0001208201, 0001208203, 0001208205, 0001208206, 0001208208, 0001208209, 0001208211

OD 82.80


130688 Brush Gear

Replacing: 1007010027, 1004336057, 1004336033

Servicing: 0001207001, 0001207005, 0001207016, 0001207017, 0001207018, 0001207019, 0001208009, 0001208019, 0001208020, 0001208026

OD 82.85

 w/ neg. springs and brushes. Brush set: HC-CARGO
 BSX124f4.

131184 Brush Gear

Replacing: 2004336027, 2001329907

Servicing: 0001362005, 0001362006, 0001362034, 0001362035, 0001362036, 0001362037, 0001362038, 0001362039, 0001362040, 0001362041

OD 86.25

 w/ neg. brushes. Brush set: HC-CARGO
 BSX974.

131185 Brush Gear

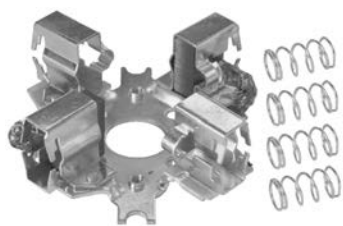
Replacing: 2004336031

Servicing: 0001368001, 0001368002, 0001368004, 0001368005, 0001368006, 0001368007, 0001368009, 0001368010, 0001368012, 0001368013

OD 86.25

 w/ neg. brushes. Brush set: HC-CARGO
 BSX135-1454.

Alternative no.: 333293

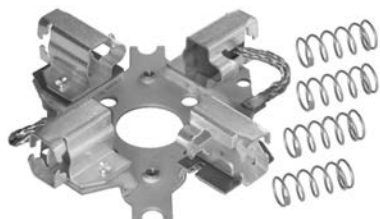


132303 Brush Gear

Replacing: 2004336067, 2004336044, 2004336028

Servicing: 0001367001, 0001367002, 0001367003, 0001367004, 0001367005, 0001367006, 0001367007, 0001367008, 0001367009, 0001367010

OD 86.25
w/ neg. brushes. Brush set: HC-CARGO BSX134-1444.



132304 Brush Gear

Replacing: 2004336026

Servicing: 0001363101, 0001363103, 0001363104, 0001363105, 0001363106, 0001363107, 0001363108, 0001363109, 0001363110, 0001363111

OD 86.70
w/ neg. brushes. Brush set: HC-CARGO BSX1164.



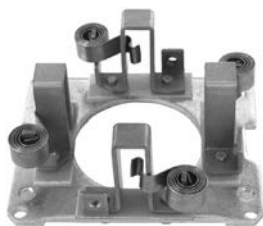
132306 Brush Gear

Replacing: 2004336041

Servicing: 0001362034, 0001362035, 0001362036, 0001362038, 0001362039, 0001362041, 0001362046, 0001362050, 0001362051, 0001362052

OD 86.75
w/ neg. brushes. Brush set: HC-CARGO BSX137-1434.

Alternative no.: 333497



133558 Brush Gear

Replacing: 2004336051

Servicing: 0001420001, 0001420002, 0001420003, 0001420004, 0001420005, 0001420006, 0001420007, 0001420008, 0001420009, 0001420010

OD 82.75
Brush set: HC-CARGO BSX1474.



134025 Brush Gear

Replacing: 2004336021, 2004336010, 2001329901

Servicing: 0001362001, 0001362002, 0001362003, 0001362004, 0001362005, 0001362006, 0001362007, 0001362008, 0001362009, 0001362010

OD 89.85
w/ neg. brushes. Brush set: HC-CARGO BSX1024.



134092 Brush Gear

Replacing: 2005854136, 2005854084, 2005854053

Servicing: 0001358200, 0001358201, 0001358202, 0001359001, 0001359002, 0001359003, 0001359008, 0001359010, 0001359012, 0001359013

12 V



134093 Brush Gear

Replacing: 2005854901, 2005854081, 2005854052, 2005854046, 2005854041

Servicing: 0001359012, 0001359062, 0001359065, 0001359100, 0001360002, 0001360004, 0001360005, 0001360007, 0001360008, 0001360010

24 V



134103 Brush Gear

Replacing: 1004336900, 1004336108, 1004336107, 1004336101, 1004336100

Servicing: 0001312108, 0001312109, 0001317007, 0001317008, 0001317009, 0001317010, 0001317011, 0001317012, 0001317013, 0001317014

OD 82.50



134104 Brush Gear

Replacing: 1004336901, 1004336102

Servicing: 0001208506, 0001208510, 0001208513, 0001208514, 0001208515, 0001208516, 0001208517, 0001208518, 0001208519, 0001208520

OD 82.70

Alternative no.: 333298


134658 Brush Gear

Replacing: 1004336998, 1004336968, 1004336965, 1004336961, 1004336960, 1004336954, 1004336950, 1004336941

Servicing: 0001108001, 0001108002, 0001108003, 0001108004, 0001108007, 0001108009, 0001108010, 0001108011, 0001108012, 0001108013

OD 67.60

Alternative no.: 333296


134659 Brush Gear

Replacing: 1004336991, 1004336983, 1004336958, 1004336947, 1004336933, 1004336926, 1004336914, 1004336906

Servicing: 0001109011, 0001110001, 0001110002, 0001110009, 0001110010, 0001110014, 0001110015, 0001110018, 0001110031, 0001110032

OD 72.85

Alternative no.: 333595


134660 Brush Gear

Replacing: 1004336999, 1004336997, 1004336994, 1004336984, 1004336981, 1004336976, 1004336955, 1004336949

Servicing: 0001109015, 0001109021, 0001109022, 0001109034, 0001109041, 0001109042, 0001109046, 0001109052, 0001109055, 0001109061

OD 66.35

Alternative no.: 333291


134661 Brush Gear

Replacing: 9003334314

Servicing: 0001218002, 0001218003, 0001218004, 0001218005, 0001218006, 0001218007, 0001218008, 0001218009, 0001218010, 0001218011

OD 83.40


134868 Brush Gear

Replacing: f000a11055, 1004336963, 1004336916, 1004336915

Servicing: 0001112005, 0001112006, 0001112007, 0001112008, 0001112009, 0001112012, 0001112013, 0001112014, 0001112015, 0001112016

OD 67.25

HC-CARGO B134868.

Alternative no.: 333290


134901 Brush Gear

Replacing: 2005854087

Servicing: 0001359021, 0001364100, 0001364101, 0001364102, 0001364103, 0001364104, 0001364105, 0001364108, 0001364200, 0001364203

Brush set: HC-CARGO BSX1004. Brush spring: HC-CARGO 132224.


135015 Brush Gear

Replacing: 1004336951, 1004336937, 1004336831, 1004336821, 1004336810, 1004336746, 1004336417

Servicing: 0001106014, 0001106016, 0001107003, 0001107004, 0001107005, 0001107006, 0001107007, 0001107008, 0001107009, 0001107011

OD 68.00

Alternative no.: 333287


135235 Brush Gear

Replacing: 1004336923, 1004336911, 1004336811, 1004336772, 1004336426, 1004336362

Servicing: ACR, 0001108021, 0001108050, 0001108059, 0001108060, 0001108076, 0001108077, 0001108094, 0001108095, 0001108096

OD 63.90

Alternative no.: 333539


136418 Brush Gear

Replacing: f000a11483, 1004336938, 1004336753, 1004336433

Servicing: 0001107010, 0001107013, 0001107015, 0001107038, 0001107044, 0001108200, 0001108201, 0001112019, 0001112032, 0001113006

OD 64.65

Alternative no.: 333294



136557 Brush Gear

Replacing: 1004336975, 1004336970, 1004336964, 1004336957, 1004336842, 1004336827, 1004336820, 1004336814

Servicing: 0001106011, 0001106014, 0001106015, 0001107009, 0001107012, 0001107014, 0001107015, 0001107016, 0001107017, 0001107018

OD 68.00

Alternative no.: 333286



137137 Brush Gear

Replacing: 2004336064

Servicing: 0001368083, B001816570

OD 93.00

Brush springs: HC-CARGO 132223. Brush set: HC-CARGO BSX135-1454.



137268 Brush Gear

Replacing: f000al2035, 1004336939

Servicing: 0001112017, B001180054

OD 72.50



137618 Brush Gear

Replacing: 1004336985, 1004336716, 1004336391

Servicing: 0001106018, 0001106019, 0001107037, 0001107048, 0001107056, 0001107072, 0001107096, 0001107100, 0001107101, 0001107108

OD 66.25

Alternative no.: 333302



137703 Brush Gear

Replacing: 1004336948, 1004336946, 1004336908, 1004336835, 1004336802, 1004336622, 1004336463, 1004336456

Servicing: 0001110003, 0001110026, 0001110080, 0001110089, 0001110095, 0001110114, 0001110132, 0001115001, 0001125501, 0001125502

12 V, OD 66.45

Alternative no.: 333289



138201 Brush Gear

Replacing: f000al2034, 1004336969, 1004336940

Servicing: 0001112018, 0001112034, 0001112039, 0001113011, 0001113012, B001180041, B001180055

12 V, OD 72.35

Alternative no.: 333295



138319 Brush Gear

Replacing: 2004336066

Servicing: 0001364300, 0001364301, 0001364400, 0001364402, B001841010, B001841012

OD 85.70

Brush set: HC-CARGO BSX170-1714. Brush spring: HC-CARGO 132223.



138320 Brush Gear

Replacing: 130691, 1004336046, 1004336043, 1004336040, 1004336039, 1004336036, 1004336016, 1004336013

Servicing: 0001311047, 0001311050, 0001311051, 0001311052, 0001311053, 0001311054, 0001311055, 0001311101, 0001311102, 0001311103

OD 85.55

w/ springs and neg. brushes. Brush set: HC-CARGO BSX1064.



138326 Brush Gear

Replacing: 1004336986, 1004336973, 1004336971, 1004336944, 1004336922, 1004336832, 1004336823, 1004336436

Servicing: 0001108051, 0001108052, 0001108074, 0001108123, 0001108125, 0001108130, 0001108138, 0001108143, 0001108148, 0001108154

12 V, OD 63.45



138424 Brush Gear

Servicing: ACR, 0001218104, 0001218116, 0001218117, 9000331201, 9000331203

12 V, OD 83.35


138899 Brush Gear

Replacing: F000AL1919, 1004336928, 1004336917, 1004336846, 1004336844, 1004336817

Servicing: 0001112003, 0001112004, 0001112010, 0001112011, 0001112038, 0001112039, 0001113011, 0001113012, 0001114005, 0001114006

12 V, OD 64.90

Brush pos.: HC-CARGO BS175. Brush neg.: HC-CARGO BS176.

Alternative no.: 333301


138900 Brush Gear

Replacing: 1004336996, 1004336836, 1004336829, 1004336778, 1004336445, 1004336430

Servicing: 0001109014, 0001109018, 0001109025, 0001109028, 0001109030, 0001109033, 0001109036, 0001109040, 0001109043, 0001109045

12 V, OD 67.25

Brush pos.: HC-CARGO BS157. Brush neg.: HC-CARGO BS158.

Alternative no.: 333576


138901 Brush Gear

Replacing: 1004336830, 1004336745, 1004336416

Servicing: 0001106022, 0001106023, 0001106024, 0001107070, 0001107071
OD 66.00

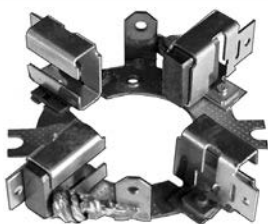

138904 Brush Gear

Replacing: f000al1918, 1004336993

Servicing: 0001112020, 0001112033, 0001112035, 0001112037, 0001112041, 0001113009, 0001113010, 0001113015

OD 64.75

Alternative no.: 333584


139022 Brush Gear

Replacing: 9001083569, 9001083392, 9001083362

Servicing: 9000083027, 9000083028, 9000083049, 9000083053, 9000083054, 9000083055, 9000083056, 9000083057, 9000083058, 9000083059

OD 81.35

w/ neg. brushes. Brush set: HC-CARGO 141008.


139144 Brush Gear

Replacing: 1004336816, 1004336300

Servicing: 0001108157, 0001108169, 0001108171, 0001108178, 0001108184, 0001108188, 0001108190, 0001108196

OD 63.85

Alternative no.: 333538


139146 Brush Gear

Replacing: 1004336988, 1004336257

Servicing: 0001109011

OD 66.90

Alternative no.: 333303


139428 Brush Gear

Replacing: 1004336990, 1004336860, 1004336737, 1004336408

Servicing: 0001125001, 0001125002, 0001125007, 0001125008, 0001125009, 0001125010, 0001125012, 0001125013, 0001125016, 0001125017

12 V, OD 67.20

Alternative no.: 333288


139505 Brush Gear

Replacing: 1004336009

Servicing: 0001208004, 0001208006, 0001208007, 0001208017, 0001208018, 0001208029, 0001208036, 0001208037, 0001208059, 0001208249

OD 78.40

Neg. brushes. Brush set: HC-CARGO BSX1244.


139550 Brush Gear

Replacing: f000al2051, f000al2050, 1004336838, 1004336822

Servicing: 0001116001, 0001116003, 0001116005, 0001116006, 0001116008, 0001116009

OD 72.60

Alternative no.: 333297



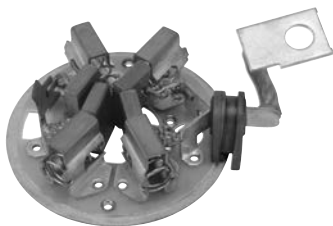
139638 Brush Gear

Replacing: 1004336956, 1004336848, 1004336804, 1004336730, 1004336412, 1004336400

Servicing: 0001109001, 0001109002, 0001109003, 0001109006, 0001109007, 0001109008, 0001109009, 0001109017, 0001109026, 0001109035

OD 64.75

Alternative no.: 333559



139698 Brush Gear

Replacing: 9003334363, 6033AD4180, 6033AD4161, 6033ad4026, 6033AD0471, 6033ad0380, 6033ad0156, 6033ad0130

Servicing: 0001231002, 0001231003, 0001231004, 0001231005, 0001231006, 0001231007, 0001231009, 0001231010, 0001231011, 0001231012

28 V, OD 90.75

Alternative no.: 333300



139885 Brush Gear

Replacing: 2004336004, 2004335004

Servicing: 0001402043, 0001402054, 0001402055, 0001402059, 0001402075, 0001402081, 0001402083, AL63/30P11, BNG4/24, BNG4/24CR231

OD 90.00

Brush set: HC-CARGO BSX344. Brush springs: HC-CARGO 134442.



230182 Brush Gear

Replacing: 1004336873, 1004336824, 1004336743, 1004336598, 1004336414

Servicing: 0001115005, 0001115006, 0001115008, 0001115009, 0001115012, 0001115016, 0001115017, 0001115024, 0001115049, 0001115050

OD 68.30



230843 Brush Gear

Replacing: 2004336078

Servicing: 0001371004, 0001371006, 0001371008, 0001371010, 0001371013, 0001371015, 0001371016, 0001371018, 0001371019, 0001371020

OD 111.00

Alternative no.: 333299



231084 Brush Gear

Replacing: 2004336087, 2004336085

Servicing: 0001372001, 0001372004, 0001372006, OAA137200B, OAA137200F, OAA137200G, B001960018

24 V, OD 96.59

w/ springs and neg brushes. Brush set: HC-CARGO BSX170-1714.



231648 Brush Gear

Replacing: 6033ad1246, 6033AD1244, 6033ad0401, 6033ad0368, 6033ad0159, 6033ad0014

Servicing: 0001223001, 0001223003, 0001223005, 0001223007, 0001223010, 0001223011, 0001223012, 0001223013, 0001223014, 0001223018

12 V, OD 86.00

Spring: HC-CARGO 135004

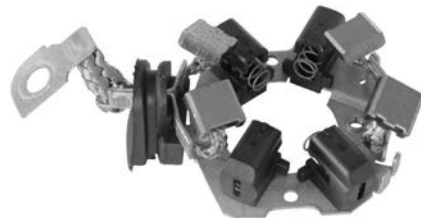


232183 Brush Gear

Replacing: 1004336989, 1004336833, 1004336717, 1004336444, 1004336392

Servicing: 0001107047, 0001107077, 0001107098

OD 68.40



232700 Brush Gear

Replacing: 1104336702, 1004336866, 1004336718, 1004336703, 1004336702, 1004336542, 1004336526

Servicing: 0001107401, 0001107402, 0001107403, 0001107404, 0001107405, 0001107406, 0001107407, 0001107408, 0001107409, 0001107410

OD 56.55



233565 Brush Gear

Replacing: 1004336853, 1004336368

Servicing: 0001106012, 0001106017, 0001106022, 0001106023, 0001106024, B001109104

OD 68.35


234118 Brush Gear

Replacing: 2004336077

 Servicing: 0001371005, 0001371007, 0001371009,
0001371012, 0001371014, 0001371017

OD 110.50


234475 Brush Gear

 Replacing: 1004336980, 1004336740,
1004336434, 1004336411, 1004336138

 Servicing: 0001107031, 0001107032,
0001108004, 0001108019, 0001108020,
0001108025, 0001108026, 0001108027,
0001108053, 0001108063

OD 68.50

Alternative no.: 333285


234788 Brush Gear

Replacing: 2004336086

 Servicing: 0001372002, 0001372003,
0001372005, 0001372006, 0001372007,
0001372008, B001860021, B001860023

OD 85.75

*w/ springs and neg. brush. Brush set: HC-CARGO
BSX170-1714. Brush spring: HC-CARGO 231709.*

234896 Brush Gear

 Replacing: 1004336878, 1004336750,
1004336619, 1004336549

 Servicing: 0001125008, 0001125021,
0001125022, 0001125031, 0001125032,
0001125042, 0001125043, 0001125046,
0001125047, 0001125051

12 V, OD 63.00


234947 Brush Gear

 Replacing: 6033AD3328, 6033AD3023,
6033AD3022, 6033AD0374, 6033AD0370,
6033ad0166

 Servicing: 0001230002, 0001230003,
0001230004, 0001230005, 0001230006,
0001230007, 0001230008, 0001230009,
0001230010, 0001230011

12 V, OD 90.90

Alternative no.: 333574


235024 Brush Box

Replacing: 1004336699

 Servicing: 0001139017, 0001139018,
0001139019, 0001139020

12 V, OD 72.70

Start & Stop.

235072 Brush Gear

Replacing: 1004337006

 Servicing: 0001153001, 0001153002,
0001153007, 0001153008, 0001153009,
0001153010, 0001153015, 0001153016

12 V, OD 69.20

Start & Stop.

235090 Brush Gear

 Replacing: 1004337042, 1004337029,
1004337013

 Servicing: 0001148003, 0001148004,
0001148009, 0001148010, 0001148015,
0001148016, 0001148023, 0001148024

12 V, OD 69.20

Start & Stop.

235091 Brush Box

Replacing: 1004337019

Servicing: 0001139041, 0001139042

12 V, OD 72.70

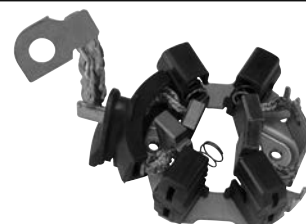
Start & Stop.

235281 Brush Box

Replacing: F000AL1921, 1004336861

Servicing: 0001116008, 0001116009

12 V


235401 Brush Box

 Replacing: 1004336899, 1004336876,
1004336798, 1004336678, 1004336591,
1004336584, 1004336522

 Servicing: 0001115008, 0001115021,
0001115025, 0001115040, 0001115041,
0001115045, 0001115046, 0001115047,
0001115048, 0001115080

12 V, OD 69.25

Alternative no.: 333304


235406 Brush Box

 Replacing: 1004336626, 1004336625,
1004336570

 Servicing: 0001109064, 0001109065,
0001125053, 0001125054

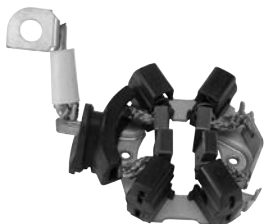
12 V, OD 73.60



235459 Brush Gear

Replacing: 1004336886, 1004336708, 1004336531

Servicing: 0001108401, F002G20670, F004A94004

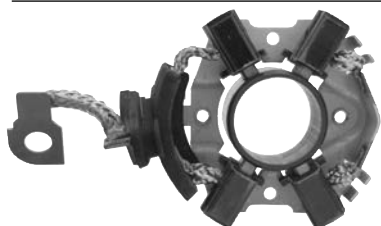


235529 Brush Box

Replacing: 1004336669, 0011516314

Servicing: 0001115074, 0001115075, 0001115077

OD 68.80

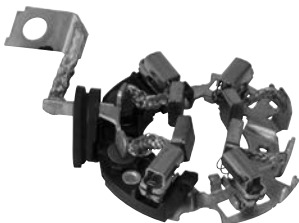


235531 Brush Gear

Replacing: 1004336896, 1004336879, 1004336506

Servicing: 0001106403, 0001106404, 0001106405, 0001106406, 0001106407, 0001106409, 0001106410, 0001120400, 0001120401, 0001120402

Alternative no.: 333292



235724 Brush Gear

Replacing: f000a11483, f000a11326, 1004336967, 1004336953, 1004336952

Servicing: 0001112008, 0001112015, 0001112019, 0001112032, 0001112035, 0001113006, 0001114020, 0001114021, 0001114022, B001180044

12 V, OD 73.80



235741 Brush Gear

Replacing: 1004336784, 1004336574

Servicing: 0001109064, 0001109065, 0001109250, 0001109264, 0001109300, 0001109301, 0001109304, 0001109305, 0001109310, 0001109311

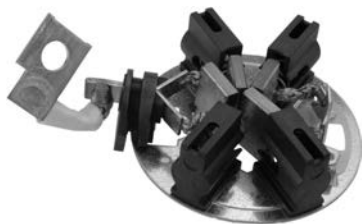
12 V, OD 71.10



235742 Brush Gear

Replacing: 1007010135, 1007010124

Servicing: 0001124011, 0001124012, 0001124013, 0001124014, 0001124022, 0001124023



235745 Brush Gear

Replacing: 6033AD5320, 6033AD5316, 6033AD4194

Servicing: 0001231004, 0001231005, 0001231006, 0001231007, 0001231008, 0001231009, 0001231012, 0001231013, 0001231019, 0001231023

24 V, OD 90.85



235832 Brush Box

Replacing: 1004336785, 1004336707, 1004336656, 1004336576, 1004336530

Servicing: 0001108400, 0001108411, 0001108412, 0001108444, 0001122400, 0001122401, 0001122402, 0001122403

OD 64.00

Alternative no.: 333566



235883 Brush Gear

Replacing: 6033AD1252

Servicing: 0001218728, 0001218772, 0001218774, 0001223001, 0001223002, 0001223003, 0001223005, 0001223006, 0001223024, 0001223504

12 V, OD 85.90



236867 Brush Gear

Replacing: 1004337140, 1004336769, 1004336704, 1004336565, 1004336527

Servicing: 0001108402, 0001108405, 0001108406, 0001108420, 0001108421, 0001108450, 0001108451, 0001108456, 0001108457

12 V, OD 63.00



237366 Brush Gear

Replacing: 1004336888, 1004336770, 1004336727, 1004336712, 1004336536

Servicing: 0001108157, 0001108190, 0001108196, 0001108202, 0001108204, 0001108208, 0001108209, 0001108211, 0001108212, 0001108213

12 V, OD 56.15



237670 Brush Gear

Replacing: 1004336894, 1004336518

Servicing: 0001109068, 0001109202, 0001109203, 0001109205, 0001109250, 0001109302, 0001109303, 0001109305, 0001109324, 0001109325

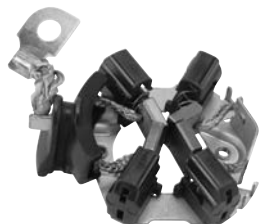
12 V


239116 Brush Gear

Replacing: 6033AD6098, 2004336091

Servicing: 0001330008

12 V, OD 105.80


330495 Brush Gear

Replacing: 1004336674, 1004336645, 1004336609

Servicing: 0001138001, 0001138002, 0001138011, 0001138012, 0001138029, 0001138030, 0001138037, 0001138038, 0001138039, 0001138040

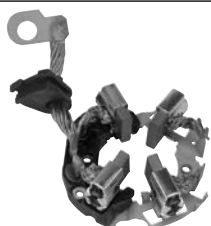
12 V, OD 66.90


330531 Brush Gear

Replacing: 1004336783, 1004336628

Servicing: 0001109066, 0001109067

12 V, OD 71.01


331821 Brush Gear

Replacing: 1004336806

Servicing: 0001108125, 0001108130, 0001108138, 0001108162, 0001108166, 0001108167, 0001108173, 0001108176, 0001108183, 0001108189

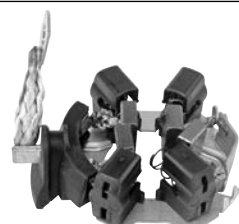
12 V, OD 69.40


331995 Brush Gear

Replacing: 1004336649, 1004336612

Servicing: 0001139001, 0001139002, 0001139005, 0001139006, 0001139011, 0001139012, 0001139013, 0001139014, 0001139015, 0001139016

12 V, OD 72.00


332070 Brush Gear

Replacing: 1004336897, 1004336758, 1004336650, 1004336557

Servicing: 0001108404, 0001109030, 0001115021, 0001115025, 0001115042, 0001123004, 0001123005, 0001123012, 0001123013, 0001123014

12 V, OD 67.00


332155 Brush Gear

Replacing: 1004338157, 1004336581

Servicing: 0001109267, 0001109268, 0001109269, 0001109270, 0001109306, 0001109307, 0001109321, 0001109322, 0001109336, 0001109337

12 V, OD 71.30

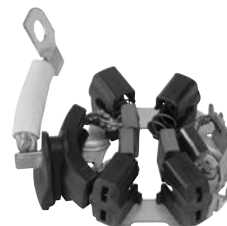

333093 Brush Box

Manufacturer: Bosch

Replacing: 1004336577

Servicing: 0001107107

OD 67.00

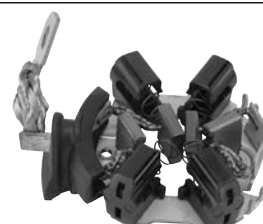

333123 Brush Box

Replacing: 1004336759, 1004336700, 1004336653, 1004336558, 1004336523

Servicing: 0001123016, 0001123017, 0001123036, 0001123037, 0001123044, 0001123045

OD 69.25

Alternative no.: 333552


333124 Brush Box

Replacing: 1004337012

Servicing: 0001142001, 0001142002, 0399703051, 0399703052

OD 68.65


333285 Brush Gear

Manufacturer: Bosch

Replacing: 1004336980, 1004336740, 1004336434, 1004336138

Servicing: 0001107031

OD 68.50

Alternative no.: 234475


333286 Brush Box

Manufacturer: Bosch

Replacing: 1004336975, 1004336970, 1004336964, 1004336957, 1004336842, 1004336827, 1004336820, 1004336814

Servicing: 0001106014, 0001107009, 0001107014, 0001107015, 0001107016, 0001107017, 0001107018, 0001107019, 0001107025, 0001107026

OD 68.00

Alternative no.: 136557



333287 5★ Brush Box
Manufacturer: Bosch
Replacing: 1004336951, 1004336937, 1004336831, 1004336821, 1004336810, 1004336746, 1004336417
Servicing: 0001106016, 0001107003, 0001107004, 0001107005, 0001107006, 0001107007, 0001107008, 0001107012, 0001107013, 0001107020
OD 68.00
Alternative no.: 135015



333288 5★ Brush Box
Manufacturer: Bosch
Replacing: 1004336990, 1004336860, 1004336738, 1004336737, 1004336409, 1004336408
Servicing: 0001125001, 0001125002, 0001125007
OD 67.20
Alternative no.: 139428



333289 5★ Brush Box
Manufacturer: Bosch
Replacing: 1004336948, 1004336946, 1004336908, 1004336835, 1004336802, 1004336463, 1004336456, 1004336233
12 V, OD 66.45
Alternative no.: 137703



333290 5★ Brush Box
Manufacturer: Bosch
Replacing: f000a11055, 1004336963, 1004336916, 1004336915
Servicing: 0001112027, 0001112028, 0001112044, 0001112045, 0001113013, 0001113014
OD 67.25
Alternative no.: 134868



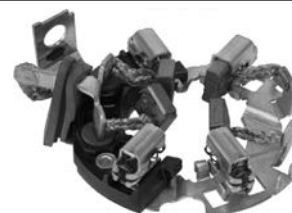
333291 5★ Brush Box
Manufacturer: Bosch
Replacing: 1004336999, 1004336997, 1004336994, 1004336984, 1004336981, 1004336976, 1004336959, 1004336955
Servicing: 0001109015, 0001109021, 0001109022, 0001109034, 0001109041, 0001109052, 0001109055, 0001109062, 0001109068, 0001109252
OD 66.35
Alternative no.: 134660



333292 5★ Brush Box
Manufacturer: Bosch
Replacing: 1004336896, 1004336879, 1004336506
Servicing: 0001106405, 0001106406, 0001120400, 0001120401, 0001120402, 0001120407, 0001120408, 0001120409, 0001120410, 0001120411
12 V, OD 64.94
Alternative no.: 235531



333293 5★ Brush Gear
Manufacturer: Bosch
Replacing: 2004336031
Servicing: 0001368001, 0001368007, 0001368010, 0001368016, 0001368017, 0001368019, 0001368020, 0001368024, 0001368030, 0001368034
OD 86.25
w/ neg. brushes. Brush set: HC-CARGO BSX135-1454.
Alternative no.: 131185, 333635



333294 5★ Brush Box
Manufacturer: Bosch
Replacing: f000a11483, 1004336938, 1004336753, 1004336433
OD 64.65
Alternative no.: 136418



333295 5★ Brush Box
Manufacturer: Bosch
Replacing: f000a12034, 1004336969, 1004336940
12 V, OD 72.35
Alternative no.: 138201



333296 5★ Brush Box
Manufacturer: Bosch
Replacing: 1004336998, 1004336968, 1004336965, 1004336961, 1004336960, 1004336954, 1004336950, 1004336941
OD 67.60
Alternative no.: 134658



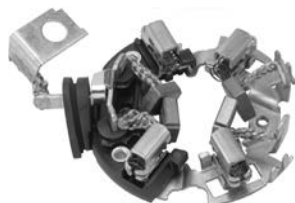
333297 5★ Brush Box
 Manufacturer: Bosch
 Replacing: f000al2051, f000al2050, 1004336838, 1004336822
 Servicing: 0001116001, 0001116003, 0001116005, 0001116006, 0001116008, 0001116009
 OD 72.60
 Alternative no.: 139550



333299 5★ Brush Box
 Manufacturer: Bosch
 Replacing: 2004336078
 Servicing: 0001371006, 0001371008
 OD 111.00
 Alternative no.: 230843



333300 5★ Brush Box
 Manufacturer: Bosch
 Replacing: 9003334363, 6033AD4180, 6033AD4161, 6033ad4026, 6033AD0471, 6033ad0380, 6033ad0156, 6033ad0130
 Servicing: 0001231002, 0001231003, 0001231011, 0001231014, 0001231016, 0001231017, 0001231032, 0001231033, 0001231045, 0001263049
 28 V, OD 90.75
 Alternative no.: 139698



333301 5★ Brush Box
 Manufacturer: Bosch
 Replacing: F000AL1919, 1004336928, 1004336917, 1004336846, 1004336844, 1004336817
 12 V, OD 64.90
 Brush pos.: HC-CARGO BS175. Brush neg.: HC-CARGO BS176.
 Alternative no.: 138899



333302 5★ Brush Box
 Manufacturer: Bosch
 Replacing: 6033AD0442, 1004336985, 1004336716, 1004336391
 OD 66.25
 Alternative no.: 137618



333303 5★ Brush Box
 Manufacturer: Bosch
 Replacing: 1004336988, 1004336257
 OD 66.90
 Alternative no.: 139146



333304 5★ Brush Box
 Manufacturer: Bosch
 Replacing: 1004336899, 1004336876, 1004336798, 1004336591, 1004336584, 1004336522
 12 V, OD 69.25
 Alternative no.: 235401



333305 5★ Brush Box
 Manufacturer: Bosch
 Replacing: 1004336361
 Servicing: 0001109035
 12 V, OD 72.50



333306 5★ Brush Box
 Manufacturer: Bosch
 Replacing: 1004336422
 Servicing: 0001110132, F000AL0108
 12 V, OD 72.33



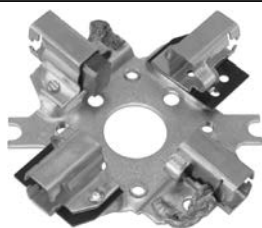
333307 5★ Brush Box
 Manufacturer: Bosch
 Replacing: 1004336752, 1004336621, 1004336551
 Servicing: 0001110133, 0001110134, 0001125003, 0001125004, 0001125035, 0001125036, 0001125039, 0001125040, 0001125048, 0001125049
 OD 74.20



333356 Brush Gear
 Replacing: 1004336695
 Servicing: 0001136002, 0001136003, 0001137001, 0001137002, 0001137003, 0001137004, 0001137005, 0001137006, 0001137011, 0001137012
 12 V, OD 73.00



333414 Brush Gear
 Replacing: 1004336618, 1004336599
 Servicing: 0001109105, 0001109205, 0001109258, 0001109259, 0001109260, 0001109261, 0001109302, 0001109303, 0001109304, 0001109319
 12 V, OD 73.75



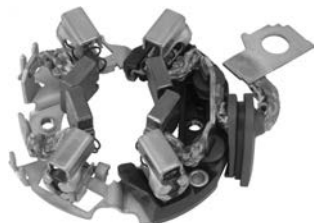
333497 5★ Brush Gear
 Manufacturer: Bosch
 Replacing: 2004336041
 Servicing: 0001362310
 12 V, OD 97.50
 Alternative no.: 132306



333499 5★ Brush Gear
 Manufacturer: Bosch
 Replacing: 1004336583
 Servicing: 0001107433, 0001107434,
 0001107440, 0001107441, 0001107448,
 0001107449, 0001107514, 0001107529,
 0001107530, 0001107531
 12 V, OD 66.00
 Alternative no.: 333608



333536 5★ Brush Gear
 Manufacturer: Bosch
 Replacing: 1004336623
 Servicing: 0001125025, 0001125600
 OD 74.00
 Alternative no.: 333607



333538 5★ Brush Gear
 Manufacturer: Bosch
 Replacing: 1004336816, 1004336300
 Servicing: 0001108184, 0001108188, 0001108196
 OD 63.29
 Alternative no.: 139144



333539 5★ Brush Gear
 Manufacturer: Bosch
 Replacing: 1004336923, 1004336911, 1004336811,
 1004336772, 1004336426, 1004336362
 Servicing: ACR, 0001108021, 0001108099,
 0001108147, 0001108190
 OD 67.20
 Alternative no.: 135235



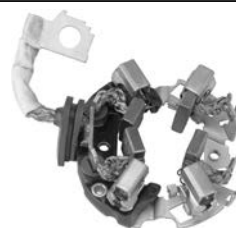
333552 5★ Brush Gear
 Manufacturer: Bosch
 Replacing: 1004336759, 1004336700,
 1004336653, 1004336558, 1004336523
 Servicing: 0001123036, 0001123037,
 0001123044, 0001123045
 OD 69.25
 Alternative no.: 333123



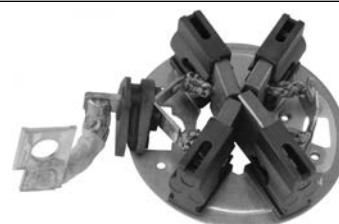
333559 5★ Brush Gear
 Manufacturer: Bosch
 Replacing: 1004336956, 1004336848, 1004336804,
 1004336730, 1004336412, 1004336400
 Servicing: 0001109009, 0001109017,
 0001109026, 0001109049, 0001110100,
 0001110101
 OD 64.75
 Alternative no.: 139638



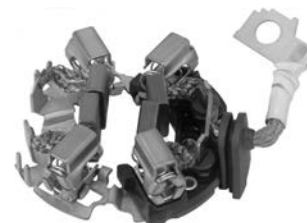
333566 5★ Brush Gear
 Manufacturer: Bosch
 Replacing: 1004336785, 1004336707,
 1004336656, 1004336576, 1004336530
 Servicing: 0001108400, 0001108411,
 0001108412, 0001108444
 OD 66.40
 Alternative no.: 333614



333567 5★ Brush Gear
 Manufacturer: Bosch
 Replacing: 1004336423
 Servicing: 0001108128, 0001108138,
 0001108166, 0001108167, 0001108173,
 0001108176, 0001108189, F000AL0126,
 F010AL0103
 OD 63.25
 Alternative no.: 333614



333574 5★ Brush Gear
 Manufacturer: Bosch
 Replacing: 6033AD3328, 6033AD3023,
 6033AD3022, 6033AD0374, 6033AD0370,
 6033ad0166
 OD 90.40
 Alternative no.: 234947



333576 5★ Brush Gear
 Manufacturer: Bosch
 Replacing: 1004336778, 1004336445, 1004336430
 Servicing: 0001109018, 0001109025,
 0001109043, 0001109045, 0001109363,
 F000AL0105, F000AL0107, F000AL0112,
 F000AL0117
 12 V, OD 67.25
 Alternative no.: 138900, 333690



333584 5★ Brush Gear
 Manufacturer: Bosch
 Replacing: f000al1918, 1004336993
 OD 67.35
 Alternative no.: 138904


333595 5★ Brush Gear

Manufacturer: Bosch

Replacing: 1004336991, 1004336983, 1004336958, 1004336947, 1004336933, 1004336926, 1004336914, 1004336906

Servicing: 0001110001, 0001110002, 0001110009, 0001110010, 0001110014, 0001110015, 0001110031, 0001110032, 0001110059, 0001110061

OD 67.00

Alternative no.: 134695, 333640

Brush Gear Parts
Brush Holders

133553 Brush Gear

Servicing: 0001108001, 0001108002, 0001108003, 0001108004, 0001108005, 0001108006, 0001108009, 0001108010, 0001108011, 0001108012


133555 Brush Gear

Servicing: 0001109001, 0001109002, 0001109014, 0001109015, 0001109018, 0001109021, 0001109022, 0001109025, 0001109026, 0001109030

OD 11.20


134530 Brush Gear

Servicing: 0001312108, 0001312109, 0001317007, 0001317008, 0001317009, 0001317010, 0001317011, 0001317012, 0001317013, 0001317016

Pkg. 10


134531 Brush Gear

Servicing: 0001208506, 0001208510, 0001208513, 0001208514, 0001208515, 0001208516, 0001208517, 0001208518, 0001208519, 0001208520


134702 Brush Gear

Servicing: 0001218003, 0001218004, 0001218005, 0001218006, 0001218008, 0001218011, 0001218012, 0001218013, 0001218014, 0001218016


135496 Brush Gear

Servicing: 0001106011, 0001106012, 0001106014, 0001106015, 0001106016, 0001106017, 0001106018, 0001106019, 0001106022, 0001106023


135563 Brush Gear

Servicing: ACR, 0001218116, 0001218117, 0001218151, 0001218164, 0001218172, 9000331201, 9000331203

Pkg. 10

Pkg. 10

Pkg. 10

Pkg. 10

Pkg. 10


238580 Brush Gear

Replacing: 1009994029

Servicing: 0001106405, 0001106406, 0001107061, 0001107401, 0001107402, 0001107403, 0001107404, 0001107405, 0001107406, 0001107407

Brush Springs

131499 Brush Spring

Replacing: 2004652006

Servicing: 0001402055, 0001402081, 0001402083, 0001410015, 0001410016, 0001410017, 0001410018, 0001410019, 0001410022, 0001410023

Length 32.00


132223 Brush Spring

Replacing: 2004616007

Servicing: 0001218127, 0001364301, 0001367001, 0001367002, 0001367004, 0001367005, 0001367006, 0001367008, 0001367009, 0001367010

OD 12.00, Length 24.00


132224 Brush Spring

Replacing: 2004652039, 2004652038, 2004652036

Servicing: 0001358200, 0001358201, 0001358202, 0001359002, 0001359003, 0001359004, 0001359008, 0001359010, 0001359012, 0001359013

Length 32.00

Pkg. 10

Pkg. 10

Pkg. 10

Pkg. 10



132576 Brush Spring

Replacing: 1004611006
 Servicing: 0001108001, 0001108002, 0001108003, 0001108004, 0001108005, 0001108006, 0001108009, 0001108010, 0001108011, 0001108012
 OD 8.10, Length 16.00

Pkg. 10

Pkg. 10



134548 Brush Spring

Replacing: 1004611006
 Servicing: 0001138001, 0001138002, 0001211514, 0001312108, 0001312109, 0001317007, 0001317008, 0001317009, 0001317010, 0001317011
 OD 8.20, Length 32.50

Pkg. 10

Pkg. 10



135460 Brush Spring

Replacing: 2004652010
 Servicing: 0001208202, 0001208229, 0001311112, 0001311145, 0001357002, 0001357003, 0001362001, 0001362002, 0001362003, 0001362004
 OD 15.00, Length 26.70

Pkg. 4



133556 Brush Spring

Replacing: 2004618004
 Servicing: 0001362005, 0001362006, 0001362034, 0001362035, 0001362036, 0001362038, 0001362039, 0001362040, 0001362041, 0001362042
 OD 10.30, Length 27.30

Pkg. 10



134937 Brush Spring

Replacing: 1004611007
 Servicing: 0001208501, 0001208506, 0001208507, 0001208508, 0001208510, 0001208513, 0001208514, 0001208515, 0001208516, 0001208517
 OD 8.30, Length 26.40

Pkg. 10



136694 Brush Spring

Replacing: 2004652004
 Servicing: 0001370002, 0001370003, 0001370004, 0001371004, 0001371005, 0001371006, 0001371007, 0001371008, 0001371009, 0001371010
 OD 16.75, Length 32.90

Pkg. 10



133557 Brush Spring

Replacing: 2004618004
 OD 9.50, Length 20.00

Pkg. 10



135004 Brush Spring

Replacing: 1004615001
 Servicing: 0001218002, 0001218003, 0001218004, 0001218005, 0001218006, 0001218007, 0001218008, 0001218009, 0001218010, 0001218011
 OD 11.50, Length 32.00

Pkg. 10



139119 Brush Spring

Replacing: 2004652015, 1004652005
 Servicing: 0001207001, 0001207003, 0001207005, 0001207009, 0001207015, 0001207016, 0001207017, 0001207018, 0001207019, 0001207020
 OD 14.70, Length 24.30

Pkg. 10



134442 Brush Spring

Replacing: 2004652034, 1004652007
 Servicing: 0001311047, 0001311050, 0001311051, 0001311052, 0001311053, 0001311054, 0001311055, 0001311056, 0001311100, 0001311101
 Length 29.85



135299 Brush Spring

Replacing: 2004652001, 2004452001
 Servicing: 0001121018, 0001121019, 0001121024, 0001121025, 6004aa0003, f000al0321
 OD 6.30, Length 17.30

Pkg. 10



139302 Brush Spring

Replacing: 2004652001, 2004452001
 Servicing: 0001358035, 0001358040, 0001358048, B001804003
 Length 36.00

Pkg. 10


231172 Brush Spring

Replacing: 2004652002

 Servicing: 0001154001, 0001154007,
0001155003, 0001155004, 0001155008,
0001155009, 0001155011, 0001155016,
0001155017, 0001155018

OD 12.50, Length 22.15

Pkg. 10


231709 Brush Spring

Replacing: 2004616009

 Servicing: 0001223504, 0001231005,
0001231007, 0001231012, 0001231016,
0001231019, 0001364300, 0001364301,
0001364400, 0001364402

OD 11.90, Length 30.00

Pkg. 10


232173 Brush Spring

 Servicing: 0001223003, 0001223005,
0001223007, 0001223024, 0001231002,
0001231003, 0001231008, 0001231009,
0001231011, 0001231013

OD 12.30, Length 32.00

Pkg. 10


233726 Brush Spring

Replacing: 1124625003

 Servicing: 0120300510, 0120300511,
0120300512, 0120300513, 0120300514,
0120300515, 0120300516, 0120300517,
0120300518, 0120300519

OD 6.00, Length 34.00

Pkg. 10


234117 Brush Spring

 Servicing: 0001223013, 0001230002,
0001230006, 0001230009, 0001230012,
0001230014

OD 11.80, Length 34.85

Pkg. 10


235818 Spring

 Servicing: 0001109009, 0001109064,
0001109065, 0001109066, 0001109067,
0001109069, 0001109070, 0001109204,
0001109205, 0001109250

OD 10.10, Length 21.50

Various

Pkg. 25

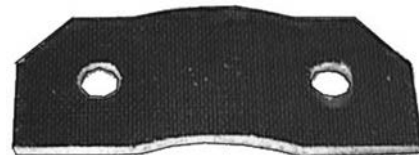

133967 Insulator

Pkg. 10


134156 Insulator

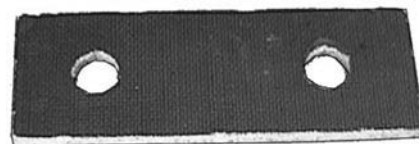
 ID/ threaded hole 4.15, Thickness 1.00,
No./ mount. holes 2, Gasket w/o

Pkg. 10


134323 Insulator

Servicing: 0120689512

Pkg. 10


134324 Insulator

Pkg. 10


136176 Boot

 Servicing: 0001121018, 0001121019,
0001121024, 0001121025, 6004aa0003

Brush Sets

140918 Brush Set

Replacing: 2137014038

 Servicing: 0136352005, 0136355049,
0136355050, 0136355057, 0136355058,
0136355059, 0136355060, 0136355061,
0136355064, 0136355065

 24 V, Length 25.50, Lead length 32.00,
Height 25.85, Thickness 8.90
1.5/2.5 kW.



141008 Brush Set

Replacing: 9001454592, 9001083592

Servicing: 9000083053, 9000083054, 9000083055, 9000083056, 9000083057, 9000083058, 9000083059, 9000083060, 9000083061, 9000083062

12 V, Length 20.00, Lead length 42.00, Height 22.20, Thickness 10.00



141183 Brush Set

Replacing: 9001083433

Servicing: 9000083027, 9000083028, 9000083056, 9000083065

12 V, Length 23.50, Lead length 38.00, Height 22.00, Thickness 10.00



141184 Brush Set

12 V, Length 13.00, Lead length 25.00/63.00, Height 16.00, Thickness 4.80



141185 Brush Set

Replacing: 1004320119

12 V, Length 11.50, Lead length 23.00/63.00, Height 11.85, Thickness 4.80



141194 Brush Set

Replacing: 141194, 1004320201, 1004320200, 1004320164, 1004320163

Servicing: 0001107094, 0001107095, 0001107401, 0001107402, 0001107403, 0001107404, 0001107405, 0001107406, 0001107407, 0001107408

12 V, Length 12.00, Lead length 24.00, Height 10.50/11.20, Thickness 4.60

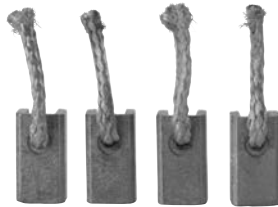


142086 Brush set

Replacing: 2004320273, 2004320272

Servicing: 0001261001, 0001261002, 0001261007, 0001261008, 0001261012, 0001263002, 0001263010, 0001263012, 0001263014, 0001263047

24 V, Length 18.00, Lead length 34.00, Height 27.80, Thickness 6.35



142320 5★ Brush Set

Manufacturer: Bosch

Replacing: 2007014026

Servicing: 0001208053, 0001208054, 0001208172, 0001208200, 0001208201, 0001208202, 0001208206, 0001208208, 0001208211, 0001208216

12 V, Length 18.00, Lead length 28.00, Height 10.00, Thickness 7.00

Alternative no.: BSX754



142324 5★ Brush Set

Manufacturer: Bosch

Replacing: 2007014065

12 V, Length 17.10, Lead length 45.45, Height 15.83, Thickness 8.85

Alternative no.: BSX1394



142325 5★ Brush Set

Manufacturer: Bosch

Replacing: 9003337001, 1007014143, 1007014140

Servicing: 0001109344, 0001218003, 0001218004, 0001218005, 0001218006, 0001218007, 0001218008, 0001218009, 0001218011, 0001218012

12 V, Length 16.94, Lead length 45.00, Height 24.87, Thickness 7.85

Alternative no.: BSX151S4, 142334



142326 5★ Brush Set

Manufacturer: Bosch

Replacing: 2007014063

24 V, Length 17.00, Lead length 56.00, Lead length 2 44.00, Height 25.00, Thickness 8.00

Alternative no.: BSX135-1454



142327 5★ Brush Set

Manufacturer: Bosch

Replacing: 2007014079

24 V, Length 19.25, Lead length 33.10, Height 35.80, Thickness 11.87

Alternative no.: BSX172-1734



142328 5★ Brush Set

Manufacturer: Bosch

Replacing: 9001453644, 2007014082

24 V, Length 18.25, Lead length 36.60, Height 35.82, Thickness 8.87

Alternative no.: BSX1774



Pkg. 100

BS170 Brush

 Replacing: 2004320196, 2004320165
 Length 14.70, Lead length 38.00,
 Height 24.70, Thickness 9.90


Pkg. 100

BS171 Brush

 Replacing: 2004320197, 2004320166
 Length 14.90, Lead length 56.00,
 Height 24.75, Thickness 9.90

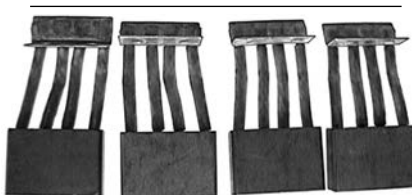
BSX1004 Brush Set

 Replacing: 2007014078, 2007014051,
 2007014049, 2007014035, 2007014022
 Servicing: 0001360002, 0001360007,
 0001360008, 0001360009, 0001360010,
 0001360012, 0001360013, 0001360015,
 0001360016, 0001360017
 24 V, Length 23.00, Lead length 42.00,
 Height 25.00, Thickness 8.00
 Alternative no.: BS100

BSX1014 Brush Set

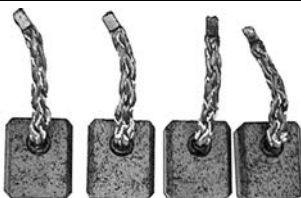
 Replacing: 2007014040
 Servicing: 0001305010
 12 V, Length 18.00, Lead length 36.00,
 Height 16.00, Thickness 9.00

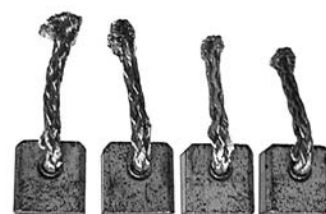
BSX1024 Brush Set

 Replacing: 2007014053
 Servicing: 0001357002, 0001362001,
 0001362002, 0001362003, 0001362004,
 0001362005, 0001362006, 0001362007,
 0001362008, 0001362009
 12 V, Length 25.50, Lead length 36.00,
 Height 15.00, Thickness 9.00
 Alternative no.: BS102

BSX1034 Brush Set

 Replacing: 2007014017
 Servicing: 0001510001, 0001510002,
 0001510003, 0001510004, 0001510005,
 0001510006, 0001510008, 0001510009,
 0001510010, 0001510011
 24 V, Length 27.00, Lead length 49.00,
 Height 40.00, Thickness 12.00

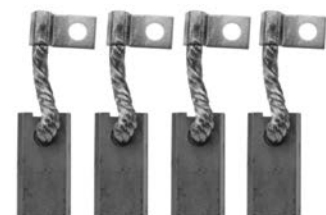
BSX1042 Brush Set

 Replacing: 1007014117, 1007014112
 Servicing: 0001208009, 0001208033,
 0001208061, 0001311001, 0001311007,
 0001311016, 0001311026, 0001311027,
 0001311032, 0001311038
 12 V, Length 18.00, Lead length 32.00,
 Height 16.00, Thickness 7.00
 Alternative no.: BS104/0

BSX1044 Brush Set

 Replacing: 2007014055, 2007014054, 1007014119,
 1007014118, 1007014114, 1007014113
 Servicing: 0001208003, 0001208025,
 0001208026, 0001208047, 0001208056,
 0001208058, 0001211016, 0001211023,
 0001310013, 0001312100
 12 V, Length 18.00, Lead length 32.00,
 Height 16.00, Thickness 7.00

BSX116F4 Brush Set

 Replacing: bsx116f4
 Servicing: 0001363101, 0001363111
 24 V, Length 16.00, Lead length 34.00,
 Height 15.50, Thickness 9.00

BSX121F4 Brush Set

 Replacing: bsx121f4, 1007014134
 Servicing: 0001312103, 0001313006,
 0001314005, 0001314018, 0001314025,
 0001314026, 0001314027, 0001314028,
 0001314029, 0001314030
 12 V, Length 16.00, Lead length 34.50,
 Height 14.00, Thickness 7.00

BSX124 Brush Set

 Replacing: 1007014100
 Servicing: 0001354004, 0001354005,
 0001354016, 0001354018, 0001354027,
 0001354029, 0001354031, 0001354038,
 0001354055, 0001354064
 6/12 V, Length 25.50, Lead length 32.00,
 Height 13.00, Thickness 9.00

BSX124F4 Brush Set

 Replacing: 1007014129
 Servicing: 0001208004, 0001208006,
 0001208007, 0001208017, 0001208018,
 0001208029, 0001208032, 0001208036,
 0001208037, 0001208038
 12 V, Length 18.05, Lead length 32.50,
 Height 15.80, Thickness 6.80



BSX128F4 Brush Set

Replacing: bsx128f4, 1004320907, 1004320900

12 V, Length 18.00, Lead length 34.50, Height 10.00, Thickness 7.00



BSX1304 Brush Set

Replacing: 2007014060, 2007014059

Servicing: 0001413001, 0001413003, 0001413004, 0001413005, 0001413006, 0001413007, 0001413008, 0001413009, 0001413010, 0001413011

12 V, Length 27.00, Lead length 49.00, Height 36.00, Thickness 12.00

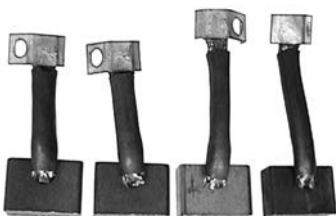


BSX1314 Brush Set

Replacing: 2007014061, 2007014048, 2007014036, 2007014023, 2007014008

Servicing: 0001410015, 0001410016, 0001410017, 0001410019, 0001410021, 0001410022, 0001410023, 0001410024, 0001410025, 0001410026

24 V, Length 27.00, Lead length 46.00, Height 36.00, Thickness 12.00



BSX134-1444 Brush Set

Replacing: 2007014062

Servicing: 0001367001, 0001367002, 0001367003, 0001367004, 0001367005, 0001367006, 0001367007, 0001367008, 0001367009, 0001367010

12 V, Length 17.00, Lead length 57.00, Lead length 2 44.00, Height 25.00, Thickness 10.00

Alternative no.: bs134/0



BSX135-1454 Brush Set

Replacing: 2007014063

Servicing: 0001368001, 0001368002, 0001368003, 0001368004, 0001368005, 0001368006, 0001368007, 0001368008, 0001368009, 0001368010

24 V, Length 17.00, Lead length 56.00, Lead length 2 44.00, Height 25.00, Thickness 8.00

Alternative no.: 142326 bs135/0



BSX137-1434 Brush Set

Replacing: 2007014068

Servicing: 0001362034, 0001362035, 0001362036, 0001362038, 0001362039, 0001362040, 0001362041, 0001362042, 0001362043, 0001362045

12 V, Length 17.00, Lead length 45.00, Height 16.00, Thickness 9.00

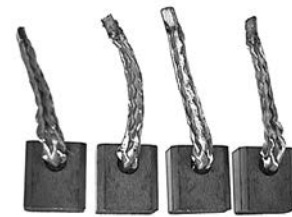


BSX138-1424 Brush Set

Replacing: 2007014069

Servicing: 0001363103, 0001363104, 0001363105, 0001363106, 0001363107, 0001363108, 0001363109, 0001363110, 0001363111, 0001363112

24 V, Length 16.00, Lead length 44.00, Height 15.50, Thickness 9.00



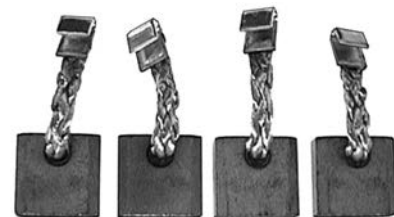
BSX1394 Brush Set

Replacing: 2007014065

Servicing: 0001362300, 0001362301, 0001362302, 0001362303, 0001362304, 0001362305, 0001362306, 0001362307, 0001362308, 0001362309

12 V, Length 17.00, Lead length 44.00, Height 16.00, Thickness 9.00

Alternative no.: 142324 BS139



BSX1404 Brush Set

Replacing: 1007014144, 1007014138

Servicing: 0001208516, 0001208710, 0001211514, 0001312108, 0001312109, 0001317007, 0001317008, 0001317009, 0001317010, 0001317011

12 V, Length 15.00, Lead length 21.00, Height 16.00, Thickness 7.00

Alternative no.: BS140/0



BSX1464 Brush Set

Replacing: 1007014137

Servicing: 0001211500, 0001211501, 0001211502, 0001211503, 0001211504, 0001211505, 0001211506, 0001211507, 0001211508, 0001211510

12 V, Length 14.00, Lead length 26.50, Height 10.00, Thickness 7.00


BSX1474 Brush Set

Replacing: 2007014067

Servicing: 0001420001, 0001420002, 0001420003, 0001420004, 0001420005, 0001420006, 0001420007, 0001420008, 0001420009, 0001420010

24 V, Length 27.00, Lead length 50.00, Height 36.00, Thickness 10.00


BSX1484 Brush Set

Replacing: 2007014074, 2007014070, 2007014047, 2007014042, 2007014015, 2007014004

Servicing: 0001410029, 0001410062, 0001410105, 0001416001, 0001416002, 0001416003, 0001416004, 0001416005, 0001416006, 0001416007

 24 V, Length 27.00, Lead length 54.00, Height 36.00, Thickness 12.00
 Alternative no.: BS148

BSX1494 Brush Set

Replacing: 1007014145, 1007014141, 1007014139, 1007014105

Servicing: 0001208501, 0001208506, 0001208507, 0001208508, 0001208510, 0001208513, 0001208514, 0001208515, 0001208516, 0001208517

 12 V, Length 14.00, Lead length 31.00, Height 10.00, Thickness 7.00
 Alternative no.: BS149

BSX151S4 Brush Set

Replacing: 9003337001, 1007014143, 1007014140

Servicing: 0001218002, 0001218003, 0001218004, 0001218005, 0001218006, 0001218007, 0001218008, 0001218009, 0001218010, 0001218011

12 V, Length 17.00/19.00, Lead length 26.00, Height 18.00, Thickness 7.50

Alternative no.: 142325 BS151


BSX1534 Brush Set

Replacing: 2007014066

Servicing: 0001421001, 0001421002, 0001421003, 0001421004, 0001421005, 0001421006, 0001421007, 0001421008, 0001421009, 0001421010

12 V, Length 27.00, Lead length 50.00, Height 36.00, Thickness 12.00


BSX1554 Brush Set

Replacing: 2007014071

Servicing: 0001367005, 0001367049, 0001367070, 0001369001, 0001369003, 0001369004, 0001369005, 0001369007, 0001369019, 0001369023

12 V, Length 15.00, Lead length 43.50, Height 25.00, Thickness 10.00


BSX157-1584 Brush Set

Replacing: BSX157-1584

Servicing: 0001108403, 0001108404, 0001109001, 0001109002, 0001109014, 0001109015, 0001109018, 0001109021, 0001109022, 0001109025

12 V, Length 14.40, Lead length 25.00, Height 17.90, Thickness 5.95


BSX159-1604 Brush Set

Replacing: BSX159-1604

Servicing: 0001108011, 0001108100, 0001108123, 0001108141, 0001108150, 0001108177, 0001108178, 0001108184, 0001108190, 0001108202

12 V, Length 11.50/13.00, Lead length 28.50, Height 16.00, Thickness 5.00

w/ brush bar: HC-CARGO 141184.

Alternative no.: bs160


BSX163-1644 Brush Set

Replacing: 2007014076, 2007014073

Servicing: 0001367001, 0001367004, 0001367005, 0001367007, 0001367008, 0001367009, 0001367010, 0001367012, 0001367013, 0001367014

12 V, Length 15.00, Lead length 47.00, Lead length 2 46.00, Height 25.00, Thickness 10.00



BSX1654 Brush Set

Replacing: 9003334321
 Servicing: 0001219010
 24 V, Length 19.00, Lead length 25.00,
 Height 18.00, Thickness 7.60



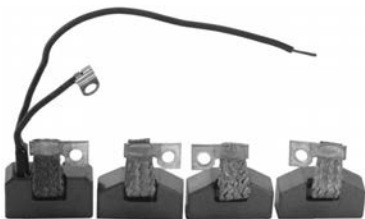
BSX1664 Brush Set

Replacing: bsx1664, 1004320136
 Servicing: 0001106012, 0001106015,
 0001106017, 0001106022, 0001106023,
 0001106024, 0001112003, 0001112004,
 9000695002, 9000695003
 12 V, Length 12.00, Lead length 26.00,
 Height 12.00, Thickness 5.00
 w/ brush bar: HC-CARGO 141185.



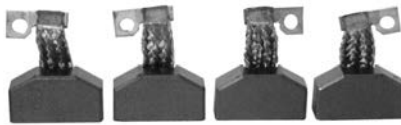
BSX170-1714 Brush Set

Replacing: 2007014085, 2007014077
 Servicing: 0001364300, 0001364301,
 0001364400, 0001364402, 0001372001,
 0001372002, 0001372003, 0001372004,
 0001372005, 0001372006
 24 V, Length 15.00, Lead length 56.00,
 Lead length 2 43.00, Height 25.00,
 Thickness 10.00



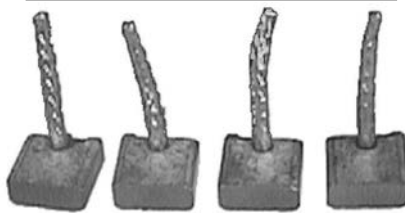
BSX172-173-1744 Brush Set

Replacing: 2007014084
 Servicing: 0001417075, 0001417076
 24 V, Length 19.00, Lead length 31.50,
 Lead length 2 61.00/174.00,
 Height 36.00, Thickness 12.00



BSX172-1734 Brush Set

Replacing: 2007014079
 Servicing: 0001410024, 0001410029,
 0001410062, 0001410067, 0001410088,
 0001410105, 0001410111, 0001410115,
 0001411009, 0001414011
 24 V, Length 19.00, Lead length 30.00,
 Height 36.00, Thickness 12.00
 Alternative no.: 142327 ★



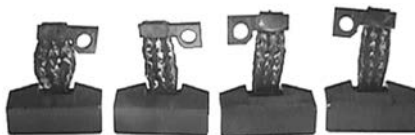
BSX175-1764 Brush Set

Replacing: 1004320155, 1004320154
 Servicing: 0001121017
 12 V, Length 10.90/11.60,
 Lead length 24.50, Height 12.00,
 Thickness 5.00
 Alternative no.: bs175



BSX1774 Brush Set

Replacing: 9001453644, 2007014082
 Servicing: 0001371001, 0001371004,
 0001371005, 0001371006, 0001371007,
 0001371008, 0001371009, 0001371010,
 0001371012, 0001371013
 24 V, Length 18.00, Lead length 33.50,
 Height 36.00, Thickness 9.00
 Alternative no.: 142328 ★



BSX178-1794 Brush Set

Replacing: 2007014080
 Servicing: 0001418001, 0001418002,
 0001418003, 0001418009, 0001418012,
 0001418014, 0001418015, 0001418017,
 B001418009, B001441100
 12 V, Length 19.00, Lead length 33.50,
 Height 36.00, Thickness 12.00



BSX180-1814 Brush Set

Replacing: 2007014081
 Servicing: 0001418016, B001441149
 12 V, Length 19.00, Lead length 31.00,
 Height 36.00, Thickness 12.00



BSX182-1834 Brush Set

Replacing: 9001454433
 Servicing: 0001124018, 0001124019
 12 V, Length 13.00/14.50,
 Lead length 25.00, Height 20.00,
 Thickness 6.00



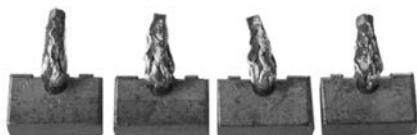
BSX190-1914 Brush Set

Replacing: bsx190-1914
 Servicing: 0001231002, 0001231003,
 0001231004, 0001231005, 0001231007,
 0001231008, 0001231009, 0001231011,
 0001231012, 0001231013
 24 V, Length 15.40/16.40,
 Lead length 25.00, Height 25.00,
 Thickness 6.40



BSX192-1934 Brush Set

Replacing: bsx192-1934, 6033AD1159,
 6033AD1158, 6033AD0012, 6033AD0011
 Servicing: 0001223002, 0001223007,
 0001223009, 0001223013, 0001223014
 12 V, Length 13.00/15.00,
 Lead length 25.00, Height 22.00,
 Thickness 6.00


BSX194-1954 Brush Set

Replacing: bsx194-1954, 9003334362, 9003334361, 6033AD3197, 6033AD3196

Servicing: 0001230001, 0001230002, 0001230004, 0001230006, 0001230009, 0001230012, 0001230014

12 V, Length 15.40/16.40, Lead length 30.00, Height 27.00, Thickness 7.50


BSX1964 Brush Set

Replacing: bsx1964, 1004320158

Servicing: 0001116001, 0001116003, 0001116005, 0001116006, 0001116008, 0001116009

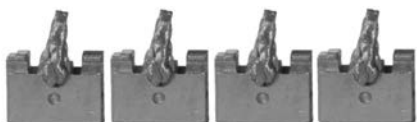
12 V, Length 10.50/11.50, Lead length 24.00, Height 8.50, Thickness 5.00


BSX1974 Brush Set

Replacing: bsx1974, 2007014072

Servicing: 0001370001, 0001370002, 0001370003, 0001370004, 9000453029, 9000453065, 9000453066, 9000453067, 9000453068, B001851001

12 V, Length 18.00, Lead length 36.00, Height 36.00, Thickness 9.00


BSX202-2034 Brush Set

Replacing: BSX202-2034

Servicing: 0001330001, 0001330003, 0001330008

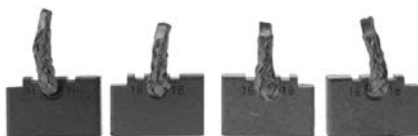
24 V, Length 23.00, Lead length 25.00, Height 32.00, Thickness 9.00


BSX204-2054 Brush Set

Replacing: bsx204-2054

Servicing: 0001106405, 0001106406, 0001120400, 0001120401, 0001120402, 0001120403, 0001120406, 0001120407, 0001120408, 0001120409

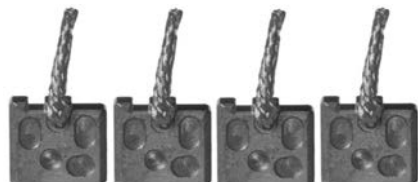
12 V, Length 12.00/12.70, Lead length 25.00, Height 10.00, Thickness 5.00


BSX206-2074 Brush Set

Replacing: 6033ad5127, 6033ad5126, 6033ad5098, 6033ad5097

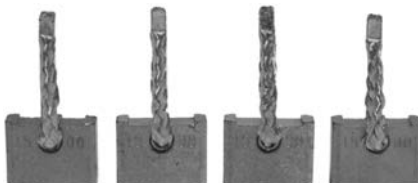
Servicing: 0001241001, 0001261001, 0001261002

24 V, Length 18.00, Lead length 26.50, Height 28.00, Thickness 6.35


BSX208-2094 Brush Set

Replacing: BSX208-2094, 1004320209, 1004320208

12 V, Length 14.20/15.20, Lead length 24.50, Height 18.00, Thickness 6.00


BSX210-2114 Brush Set

Replacing: bsx210-2114, 1004320203, 1004320202, 1004320180, 1004320179

Servicing: 0001108400, 0001108401, 0001108402, 0001108405, 0001108406, 0001108408, 0001108420, 0001108421, 0001108430, 0001108431

12 V, Length 11.50/12.20, Lead length 24.50, Height 16.00, Thickness 4.50


BSX212-2134 Brush Set

Replacing: bsx212-2134, 1004320207, 1004320206, 1004320205, 1004320204, 1004320184, 1004320183

Servicing: 0001108210, F000AL0110, F002G20326, F002G20348, F002G20546, F002G20582, F002G20593, F002G20820, F004A94007, f005m00001

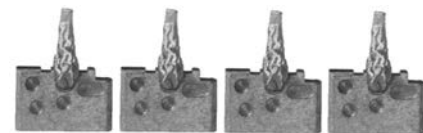
12 V, Length 11.50/13.00, Lead length 24.50, Height 16.00, Thickness 5.00


BSX214-2154 Brush Set

Replacing: BSX214-2154, 1004320235, 1004320234, 1004320229, 1004320228

Servicing: 0001109014, 0001115005, 0001115006, 0001115008, 0001115011, 0001115012, 0001115013, 0001115015, 0001115021, 0001115024

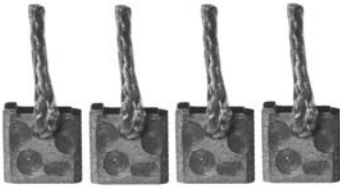
12 V, Length 11.00, Lead length 25.00, Height 17.95, Thickness 5.95


BSX216-2174 Brush Set

Replacing: 6033ad5178, 6033ad5177

Servicing: 0001231017, 0001231040, 0001231041, 0001241003, 0001241007, 0001241014, 0001241015, 0001241019, 0001241020

24 V, Length 18.00, Lead length 26.00, Height 28.00, Thickness 5.35



BSX218-2194 Brush Set

Replacing: BSX218-2194, 1004320231, 1004320230

Servicing: 0001107103, 0001107107, 0001107109, 0001107110, 0001107111, 0001121024, 0001121031

12 V, Length 10.90/11.60, Lead length 25.00, Height 12.00, Thickness 5.00



BSX344 Brush Set

Replacing: 2007014021, 1007014107

Servicing: 0001401069, 0001402018, 0001402031, 0001402043, 0001402050, 0001402053, 0001402054, 0001402055, 0001402057, 0001402058

24 V, Length 28.50, Lead length 45.00, Height 20.00, Thickness 9.00



BSX354 Brush Set

Replacing: 1007014109

Servicing: 0001401011, 0001401012, 0001401019, 0001401023, 0001401026, 0001401027, 0001401028, 0001401041, 0001401044, 0001401046

12 V, Length 28.50, Lead length 47.00, Height 20.00, Thickness 12.00



BSX434 Brush Set

Replacing: 1107014110, 1007014110

Servicing: 0001203009, 0001204002, 0001204005, 0001205015, 0001205017, 0001304009, 0001304010, 0001304016, 0001305011, 0001305012

6/12 V, Length 22.00, Lead length 34.00, Height 16.00, Thickness 7.00



BSX444 Brush Set

Replacing: 2007014006

Servicing: 0001356003, 0001358017, 0001358018, 0001358020, 0001358026, 0001358033, 0001358035, 0001358038, 0001358046, 0001358047

12 V, Length 22.50, Lead length 43.00, Height 22.00, Thickness 8.00



BSX494 Brush Set

Replacing: 1107014126

Servicing: 0001207001, 0001207003, 0001207005, 0001207010, 0001207014, 0001207016, 0001207017, AL/EEF0.5/6, AL/EEF0.5/6L1

6 V, Length 18.00, Lead length 32.00, Height 16.00, Thickness 7.00



BSX524 Brush Set

Replacing: 2007014000

Servicing: 0001154001, 0001154007, 0001155003, 0001155009, 0001155011, 0001155016, 0001155017, 9000141004, 9000141006, 9000141008

6/12 V, Length 17.50, Lead length 33.00, Height 14.00, Thickness 7.00



BSX704 Brush Set

Replacing: 2007014018, 1007014128

Servicing: 0001157001, 0001157002, 0001157003, 0001157004, 0001157005, 0001157006, 0001157007, 0001157012, 0001157013, 0001157014

12 V, Length 16.00, Lead length 26.00, Height 14.00, Thickness 7.00
Alternative no.: BS70/0



BSX744 Brush Set

Replacing: 2007014024

Servicing: 0001155004, 0001155006, 0001155008, 0001155009, 0001155010, 0001155015, 0001155016, 0001155017, 0001155018, 0001157009

12 V, Length 17.50, Lead length 33.00, Height 14.00, Thickness 7.00



BSX754 Brush Set

Replacing: 2007014026

Servicing: 0001208203, 0001208205, 0001212200, 0001212202

12 V, Length 18.00, Lead length 28.00, Height 10.00, Thickness 7.00

Alternative no.: 142320 BS75/0



BSX764 Brush Set

Replacing: 1007014121

Servicing: 0001213004, 0001311033, 0001311034, 0001311042, 0001311043, 0001311047, 0001311051, 0001311101, 0001311103, 0001311105

12 V, Length 18.00, Lead length 33.00, Height 16.00, Thickness 7.00

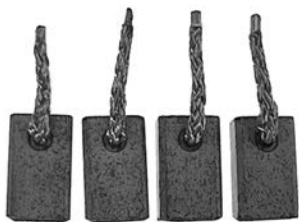


BSX784 Brush Set

Replacing: 2007014027

Servicing: 0001157009, 0001157010, 9000692069

12 V, Length 16.00, Lead length 28.00, Height 10.00, Thickness 7.00


BSX934 Brush Set

Replacing: 2007014016

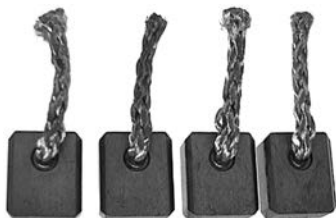
Servicing: 0001363001, 0001363101

 24 V, Length 25.50, Lead length 32.00,
Height 16.00, Thickness 9.00

BSX964 Brush Set

 Replacing: 2007014566, 2007014064,
2007014056, 2007014052, 2007014050

 Servicing: 0001358201, 0001358202,
0001359001, 0001359002, 0001359003,
0001359004, 0001359008, 0001359010,
0001359012, 0001359013

 12 V, Length 23.00, Lead length 43.00,
Height 25.00, Thickness 10.00
Alternative no.: BS96

BSX97F4 Brush Set

Replacing: 2007014057, 1007014130

 Servicing: 0001315002, 0001315004,
0001315005, 0001362034, 0001362035,
0001362036, 0001362037, 0001362038,
0001362039, 0001362040

 12 V, Length 17.00, Lead length 33.50,
Height 16.00, Thickness 9.00

BSX98F4 Brush Set

Replacing: bsx98f4

 12 V, Length 18.00, Lead length 34.00,
Height 10.00, Thickness 7.00

Brushes

Pkg. 100


BS100 Brush

Replacing: BS100

 24 V, Length 23.05, Lead length 41.50,
Height 24.90, Thickness 7.80
Alternative no.: BSX1004

Pkg. 100


BS102 Brush

Replacing: BS102

 12 V, Length 25.40, Lead length 35.00,
Height 15.85, Thickness 8.85
Alternative no.: BSX1024

Pkg. 100


BS104/0 Brush

Replacing: BS104/0

 12 V, Length 18.10, Lead length 32.50,
Height 15.90, Thickness 6.90
Alternative no.: BSX1042

Pkg. 100


BS134/0 Brush

Replacing: BS134/0

 Length 16.30, Lead length 42.50,
Height 24.85, Thickness 9.85
Alternative no.: BSX134-1444

Pkg. 100


BS135/0 Brush

Replacing: BS135/0

 24 V, Length 16.60, Lead length 41.00,
Height 24.80, Thickness 7.90
Alternative no.: BSX135-1454

Pkg. 100


BS139 Brush

Replacing: BS139

 12 V, Length 17.05, Lead length 42.00,
Height 15.80, Thickness 8.95
Alternative no.: BSX1394

Pkg. 100


BS140/0 Brush

Replacing: BS140/0

 12 V, Length 15.00, Lead length 26.50,
Height 15.85, Thickness 6.95
Alternative no.: BSX1404

Pkg. 100


BS144# Brush

Replacing: 2004320102

Servicing: 0001367068, B001816023

 12 V, Length 16.42, Lead length 54.00,
Height 24.82, Thickness 9.87
Alternative no.: BSX134-1444

Pkg. 100



BS144/0 Brush

Replacing: BS144/0

12 V, Length 16.60, Lead length 53.00,
Height 24.85, Thickness 9.85

Pkg. 100



BS145/0 Brush

Replacing: BS145/0

24 V, Length 16.60, Lead length 53.00,
Height 24.85, Thickness 7.90
Alternative no.: BSX135-1454

Pkg. 100



BS148 Brush

Replacing: BS148

24 V, Length 27.00, Lead length 53.00,
Height 35.75, Thickness 11.80
Alternative no.: BSX1484

Pkg. 100



BS149 Brush

Replacing: BS149

12 V, Length 14.05, Lead length 26.00,
Height 9.90, Thickness 6.95
Alternative no.: BSX1494

Pkg. 100



BS151 Brush

Replacing: 9003334328

12 V, Length 18.90, Lead length 25.00,
Height 17.95, Thickness 7.40

Pkg. 100



BS151S Brush

Replacing: BS151S

12 V, Length 7.52, Lead length 25.00,
Height 18.85, Thickness 17.98

Pkg. 100



BS157 Brush

Replacing: 9001320110

Servicing: 0001109305, 0001123036,
0001123037

12 V, Length 14.40, Lead length 24.00,
Height 17.85, Thickness 6.00
Alternative no.: BSX157-1584

Pkg. 100



BS158 Brush

Replacing: 9001320111

Servicing: 0001109305, 0001123036,
0001123037

12 V, Length 14.35, Lead length 25.00,
Height 17.80, Thickness 5.90
Alternative no.: BSX157-1584

Pkg. 100



BS159 Brush

Replacing: 9001320113

12 V, Length 12.85, Lead length 24.00,
Height 15.85, Thickness 4.85
Alternative no.: BSX159-1604

Pkg. 100



BS160 Brush

Replacing: 9001320114

12 V, Length 12.85, Lead length 23.50,
Height 15.80, Thickness 4.85
Alternative no.: BSX159-1604

Pkg. 100



BS175 Brush

Replacing: 9001320118

Servicing: 0001121018, 0001121019,
0001121024, 0001121025, f000a10321
12 V, Length 11.40, Lead length 25.00,
Height 11.90, Thickness 4.75
Alternative no.: BSX175-1764

Pkg. 100



BS176 Brush

Replacing: 9001320119

Servicing: 0001121018, 0001121019,
0001121024, 0001121025, f000a10321
12 V, Length 11.40, Lead length 24.50,
Height 11.90, Thickness 4.90
Alternative no.: BSX175-1764

Pkg. 100


BS70/0 Brush

Replacing: BS70/0

 12 V, Length 15.92, Lead length 27.00,
 Height 13.85, Thickness 6.85
 Alternative no.: BSX704

Pkg. 100


BS75/0 Brush

Replacing: BS75/0

 12 V, Length 18.00, Lead length 33.50,
 Height 9.90, Thickness 6.90
 Alternative no.: BSX754

Pkg. 100


BS96 Brush

Replacing: BS96

 12 V, Length 23.05, Lead length 41.00,
 Height 24.80, Thickness 9.75
 Alternative no.: BSX964

Bushings

Pkg. 10


140003 Bushing

Replacing: 1000301046, 1000301001

 Servicing: 0001157001, 0001157002,
 0001157003, 0001157004, 0001157005,
 0001157006, 0001157007, 0001157008,
 0001157009, 0001157010

 ID 12.60, OD 16.56, Length 11.50
 Alternative no.: b140003

Pkg. 10


140004 Bushing

Replacing: 2000301009, 2000301001

 Servicing: 0001354004, 0001354005,
 0001354016, 0001354018, 0001354027,
 0001354029, 0001354031, 0001354038,
 0001354055, 0001354064

 ID 14.08, OD 17.58, Length 15.00
 Alternative no.: b140004

Pkg. 10


140006 Bushing

Replacing: 1900301420

 Servicing: 0001358200, 0001358201,
 0001358202, 0001359001, 0001359002,
 0001359003, 0001359004, 0001359008,
 0001359010, 0001359012

 ID 14.04, OD 20.02, Length 10.00
 Alternative no.: b140006

140007 Bushing

Replacing: 2000410040

 Servicing: 0001401041, 0001401044,
 0001401046, 0001401047, 0001401049,
 0001401050, 0001401052, 0001401057,
 0001401060, 0001401062

ID 34.50, OD 39.17, Length 41.80

Pkg. 10


140008 Bushing

Replacing: 1000301021

 Servicing: 0001106001, 0001106002,
 0001106004, 0001107007, 0001107008,
 0001107020, 0001107021, 0001107052,
 0001107053, 0001108005

 ID 11.00, OD 13.60, Length 13.80
 Alternative no.: b140008

Pkg. 10


140009 Bushing

Replacing: 1000301011

 Servicing: 0001208205, 0001218002,
 0001218004, 0001218005, 0001218006,
 0001218012, 0001218013, 0001218017,
 0001218018, 0001218021

 ID 12.10, OD 16.12, Length 16.00
 Alternative no.: b140009

Pkg. 10


140010 Bushing

Replacing: 2000301000

 Servicing: 0001223026, 0001230001,
 0001230003, 0001230004, 0001230005,
 0001230006, 0001230007, 0001230008,
 0001230009, 0001230010

 ID 12.59, OD 16.55, Length 18.00
 Alternative no.: b140010

Pkg. 10


140011 Bushing

Replacing: 2000301015

 Servicing: 0001402018, 0001410015,
 0001410016, 0001410017, 0001410018,
 0001410019, 0001410021, 0001410022,
 0001410023, 0001410024

 ID 40.12, OD 48.04, Length 10.50
 Alternative no.: b140011

Pkg. 10


140012 Bushing

Replacing: 1000301047, 1000301002

 Servicing: 0001201009, 0001203008,
 0001203009, 0001203010, 0001204002,
 0001205015, 0001205017, 0001207001,
 0001207005, 0001208006

 ID 12.56, OD 16.55, Length 14.00
 Alternative no.: b140012

Pkg. 10



140014 Bushing

Replacing: 9900333089, 2000301128, 2000301013

Servicing: 0001107109, 0001107110, 0001107111, 0001107450, 0001107451, 0001107508, 0001107509, 0001108162, 0001113009, 0001154001

ID 10.08, OD 14.09, Length 13.00

Alternative no.: b140014

Pkg. 10



140016 Bushing

Replacing: 2000301019, 1000301042, 1000301000

Servicing: 0001211227, 0001304009, 0001304010, 0001304016, 0001305010, 0001305011, 0001305012, 0001305013, 0001305016, 0001305018

ID 12.57, OD 16.55, Length 15.80

Alternative no.: b140016

Pkg. 10



140017 Bushing

Replacing: 1000301012

Servicing: 0001107012, 0001107013, 0001107017, 0001107018, 0001107024, 0001107034, 0001107037, 0001107045, 0001107048, 0001107054

ID 12.09, OD 16.11, Length 14.00

Alternative no.: b140017

Pkg. 10



140018 Bushing

Replacing: 9001082166, 2000301036

Servicing: 0001106018, 0001106020, 0001107003, 0001107004, 0001107005, 0001107006, 0001107009, 0001107014, 0001107015, 0001107016

ID 12.08, OD 14.09, Length 13.90

Alternative no.: b140018

Pkg. 10



140019 Bushing

Replacing: 2000301047, 2000301043

Servicing: 0001311028, 0001311029, 0001311030, 0001311031, 0001330004, 0001330007, 0001330011, 0001330016, 0001330017, 0001362005

ID 14.06, OD 18.03, Length 14.00

Alternative no.: b140019

Pkg. 10



140020 Bushing

Replacing: 2000301140, 2000301002

Servicing: 0001354004, 0001354005, 0001354027, 0001354031, 0001354064, 0001354077, 0001354079, 0001354082, 0001354089, 0001354091

ID 19.13, OD 25.09, Length 10.00

Alternative no.: b140020

Pkg. 10



140025 Bushing

Replacing: 2000301026

Servicing: 0001358200, 0001358201, 0001358202, 0001362001, 0001362002, 0001362003, 0001362004, 0001362005, 0001362006, 0001362007

ID 19.11, OD 23.08, Length 9.80

Alternative no.: b140025

Pkg. 10



140026 Bushing

Replacing: 2000301045, 2000301041

Servicing: 0001358048, 0001358051, 0001359002, 0001359003, 0001359008, 0001359010, 0001359012, 0001359013, 0001359014, 0001359016

ID 19.10, OD 23.10, Length 13.00

Alternative no.: b140026

Pkg. 10



140027 Bushing

Replacing: 1000301034, 1000301022

Servicing: 0001112010, 0001112011, 0001112017, 0001112018, 0001114003, 0001114004, 0001114005, 0001114006, 0001114008, 0001114009

ID 17.60, OD 21.60, Length 9.40

Alternative no.: b140027

Pkg. 10


140028 Bushing

Replacing: 2000301022

 Servicing: 0001207016, 0001207017,
0001207020, 0001211012, 0001211013,
0001211221, 0001211222, 0001211223,
0001211224, 0001211252

 ID 11.10, OD 12.60, Length 11.50
Alternative no.: b140028

Pkg. 10


140029 Bushing

 Replacing: 1000301077, 1000301053,
1000301026

 Servicing: 0001108183, 0001109014,
0001109015, 0001109036, 0001110005,
0001110016, 0001110054, 0001110092,
0001110095, 0001110124

 ID 12.10, OD 13.60, Length 13.50
Alternative no.: b140029

Pkg. 10


140030 Bushing

 Replacing: 2000301020, 1000301088,
1000301082, 1000301066, 1000301009

 Servicing: 00010DB98E, 0001107003,
0001107004, 0001107005, 0001107006,
0001107007, 0001107008, 0001107010,
0001107011, 0001107016

 ID 12.13, OD 13.62, Length 11.50
Alternative no.: b140030

Pkg. 10


140031 Bushing

Replacing: 2000301024

 Servicing: 0001211995, 0001358035,
0001358040, 0001358201, 0001358202,
0001362005, 0001362006, 0001362008,
0001362009, 0001362010

 ID 14.30, OD 16.00, Length 13.70
Alternative no.: b140031

Pkg. 10


140033 Bushing

Replacing: 2000301031, 1000301019

 Servicing: 0001212002, 0001212005,
0001212006, 0001212007, 0001212008,
0001212011, 0001212012, 0001212013,
0001212200, 0001212202

 ID 14.30, OD 16.00, Length 11.50
Alternative no.: b140033

Pkg. 10


140035 Bushing

Replacing: 1000301023

 Servicing: 0001120400, 0001120401,
0001120402, 0001120403, 0001120404,
0001120405, 0001120406, 0001120407,
0001120408, 0001120409

 ID 14.36, OD 16.02, Length 10.00
Alternative no.: b140035

Pkg. 10


140043 Bushing

Replacing: 1000301063

 Servicing: 0001108074, 0001108085,
0001108086, 0001108099, 0001108112,
0001108122, 0001108143, 0001112007,
0001112019, 0001223500

 ID 12.10, OD 15.05, Length 15.00
Alternative no.: b140043

Pkg. 10


140111 Bushing

Replacing: 2000301016

 Servicing: 0001360049, 0001410015,
0001410016, 0001410017, 0001410018,
0001410019, 0001410021, 0001410022,
0001410023, 0001410024

 ID 22.14, OD 28.07, Length 11.20
Alternative no.: b140111

140114 Bushing

Replacing: 2000322020

 Servicing: 0001401012, 0001401023,
0001401028, 0001402031, 0001402043,
0001402055, 0001402081, 0001402083,
0001501019, 0001501039

 ID 34.80, OD/ collar 45,35, OD 44.10,
Length 42.75, Height/ collar 6.00

Pkg. 10



140140 Bushing

Replacing: 2000301004
 Servicing: 0001400016, 0001401011, 0001401012, 0001401019, 0001401023, 0001401026, 0001401027, 0001401028, 0001401044, 0001401046

ID 16.67, OD 19.60, Length 19.00
 Alternative no.: b140140

Pkg. 10



140151 Bushing

Replacing: 2000301011
 Servicing: 0001358035, 0001358040, 0001358046, 0001358047, 0001358049, 0001359012, 0001359016, 0001359027, 0001359044, 0001359046

ID 19.12, OD 25.10, Length 12.80
 Alternative no.: b140151

Pkg. 10



140203 Bushing

Replacing: 2000301037
 Servicing: 0001364100, 0001364101, 0001364102, 0001364103, 0001364104, 0001364105, 0001364106, 0001364108, 0001364200, 0001364201

ID 14.08, OD 20.03, Length 17.00
 Alternative no.: b140204

Pkg. 10



140204 Bushing

Replacing: 9001140347
 Servicing: 0001218002, 0001218003, 0001218004, 0001218005, 0001218006, 0001218007, 0001218008, 0001218009, 0001218010, 0001218011

ID 10.05, OD 16.55, Length 11.50
 Alternative no.: b140204

Pkg. 10



140208 Bushing

Replacing: f000a11005, 2000301056, 1000301056
 Servicing: 00010DB98E, 0001106001, 0001106002, 0001106004, 0001106011, 0001106012, 0001106014, 0001106015, 0001106016, 0001106017

ID 10.11, OD 14.04, Length 9.90
 Alternative no.: b140208

Pkg. 10



140221 Bushing

ID 16.09, OD 18.00, Length 22.00
 Alternative no.: b140221

Pkg. 10



140248 Bushing

Replacing: 1000301061
 Servicing: 0001108074, 0001108112, 0001108125, 0001108128, 0001108130, 0001108162, 0001110016, 0001110052, 0001110075, 0001110083

ID 10.03, OD 16.55, Length 10.35
 Alternative no.: b140248

Pkg. 10



140249 Bushing

Replacing: 1000301076, 1000301054
 Servicing: 0001106001, 0001106002, 0001106011, 0001106012, 0001106014, 0001106015, 0001106016, 0001106017, 0001106019, 0001106022

ID 8.10, OD 11.12, Length 8.00
 Alternative no.: b140249

Pkg. 10



140250 Bushing

Servicing: 0001110001, 0001110002, 0001110014, 0001110015, 0001110133, 0001110134, 0001117008, 0001123014, 0001123015, 0001124007

ID 8.09, OD 11.12, Length 10.00
 Alternative no.: b140250

Pkg. 10




140251 Bushing

Replacing: 1000301074, 1000301055
 Servicing: 0001106001, 0001106002, 0001106011, 0001107005, 0001107006, 0001107014, 0001107016, 0001107027, 0001107028, 0001107041


ID 18.00, OD 22.10, Length 8.00
 Alternative no.: b140251

Pkg. 10




140252 Bushing
 Replacing: 1000301075, 1000301068
 Servicing: 0001106011, 0001106012, 0001106014, 0001106015, 0001106016, 0001106017, 0001106019, 0001106022, 0001106023, 0001106024
 ID 18.03, OD 22.10, Length 6.00
 Alternative no.: b140252

Pkg. 10




140256 Bushing
 Replacing: 1000301013
 Servicing: 0001212001, 0001212002, 0001212003, 0001212005, 0001212006, 0001212007, 0001212008, 0001212011, 0001212012, 0001212013
 ID 26.10, OD/ collar 33.00, OD 30.40, Length 11.35, Height/ collar 2.50
 Alternative no.: b140256

Pkg. 10




140261 Bushing
 Replacing: 1000301003
 ID 14.39, OD 16.00, Length 18.00
 Alternative no.: b140261

Pkg. 10




140319 Bushing
 Replacing: 1000301083
 Servicing: 0001106011, 0001106012, 0001106014, 0001106015, 0001106016, 0001106017, 0001106019, 0001106022, 0001106023, 0001106024
 ID 10.00, OD 14.00, Length 12.00
 Alternative no.: b140319

Pkg. 10




140423 Bushing
 Servicing: 0001112003, 0001112004, 0001112005, 0001112006, 0001112007, 0001112009, 0001112010, 0001112011, 0001112012, 0001112013
 ID 12.55, OD 16.50, Length 10.60
 Alternative no.: b140423

Pkg. 10




140500 Bushing
 Replacing: 2000301023, 1000301008
 Servicing: 0001111001, 0001112021, 0001112022, 0001112027, 0001112028, 0001112044, 0001113001, 0001113002, 0001113007, 0001113008
 ID 12.11, OD 14.10, Length 12.00
 Alternative no.: b140500

Pkg. 10



140563 Bushing
 Replacing: 1000322005
 Servicing: 0001218002, 0001218003, 0001218004, 0001218005, 0001218006, 0001218007, 0001218008, 0001218009, 0001218010, 0001218011
 ID 10.07, OD/ collar 18.70, OD 16.55, Length 14.60, Height/ collar 1.50
 Alternative no.: b140563

Pkg. 10



140624 Bushing
 ID 15.45, OD 17.00, Length 9.85

Pkg. 10



140645 Bushing
 Replacing: 1000301010
 Servicing: 0001207001, 0001207005, 0001208006, 0001208017, 0001310007, 0001310008, 0001310019, AL/EEF0.5/6, AL/EEF0.5/6L1
 ID 12.63, OD 14.10, Length 10.50
 Alternative no.: b140645

Pkg. 10



140692 Bushing
 Replacing: 1000301027
 Servicing: 0001312104, 0001312105, 0001312106, 0001312107, 0001312108, 0001312109, B001335003
 ID 26.10, OD/ collar 33.20, OD 32.10, Length 11.60, Height/ collar 2.50
 Alternative no.: 610291

Pkg. 10



140711 Bushing
 Servicing: 0001107094, 0001107095, 0001108184, B001110315
 ID 18.02, OD 22.04, Length 5.93

Pkg. 10



140745 Bushing
 Replacing: 1900301454
 Servicing: 0001510001, 0001510002, 0001510003, 0001510004, 0001510005, 0001510006, 0001510008, 0001510009, 0001510010, 0001510011
 ID 24.90, OD 32.00, Length 17.85



140782 Bushing
 ID 12.13, OD 13.62, Length 20.00
 Alternative no.: b140782

Pkg. 10



140850 Bushing
 Replacing: 1000390004, 1000390003,
 1000390001
 Servicing: 0001121001, 0001121002,
 0001121003, 0001121006, 0001121007,
 0001121008, 0001121009, 0001121010,
 0001121011, 0001121016
 ID 28.35, OD 32.25, Length 10.00

Pkg. 10

Pkg. 10



140853 Bushing
 Replacing: 1000301032
 Servicing: 0001106001, 0001106002,
 0001106004, 0001107031, 0001107032,
 0001107049, 0001107400, 0001107401,
 0001107402, 0001107403
 ID 11.10, OD 12.60, Length 11.50
 Alternative no.: b140853

Pkg. 10



140854 Bushing
 Replacing: 1000301031
 Servicing: 0001106011, 0001106012,
 0001106014, 0001106015, 0001106016,
 0001106017, 0001106018, 0001106019,
 0001106020, 0001106022
 ID 12.10, OD 13.57, Length 11.50
 Alternative no.: b140854

Pkg. 10



140855 Bushing
 Replacing: 2000301025
 Servicing: 0001362001, 0001362002,
 0001362027, 0001362028, 0001362029,
 9000143406
 ID 14.10, OD 20.05, Length 10.00

Pkg. 10



140856 Bushing
 Replacing: 1000301062
 Servicing: 0001112003, 0001112004,
 0001112005, 0001112006, 0001112007,
 0001112008, 0001112009, 0001112010,
 0001112011, 0001112012
 ID 12.57, OD 16.60, Length 10.00
 Alternative no.: b140856

Pkg. 10

Pkg. 10



140857 Bushing
 Servicing: 1000301009
 ID 12.10, OD 13.50, Length 11.50

Pkg. 10



140858 Bushing
 Replacing: 2000301040
 Servicing: 0001154001, 0001155003, 0001155004,
 0001155011, 0001157011, 9000141001,
 9000141002, 9000141009, AL/EED0.5/12R4
 ID 12.00, OD 14.00, Length 11.90
 Alternative no.: b140858

Pkg. 10



140859 Bushing
 Replacing: 2000301049
 Servicing: 0001359067, 0001359072,
 0001359075, 0001359084, 0001359094,
 0001359095, 0001359099, 0001359100,
 0001359105, 0001359118
 ID 19.13, OD 23.05, Length 13.20
 Alternative no.: b140859

Pkg. 10



140862 Bushing
 Replacing: 2000301051
 Servicing: 0001358202, 0001362307
 ID 14.30, OD 16.02, Length 17.00

Pkg. 10

Pkg. 10



140864# Bushing
 Replacing: 2000301139
 Servicing: 0001600002, 0001600003,
 0001600005, 0001600006, 0001600007,
 0001600010, 0001600011, 0001600012,
 0001600013, 0001601001
 ID 30.10, OD 37.08, Length 25.00

Pkg. 10



140865 Bushing
 ID 14.44, OD 16.00, Length 15.20

Pkg. 10

Pkg. 10



140866 Bushing
 Replacing: 2000301006
 Servicing: 0001208515, 0001223500, 0001223502, 0001223505, 0001358048, 0001359003, 0001359008, 0001359010, 0001359012, 0001359013
 ID 14.36, OD 16.02, Length 23.50
 Alternative no.: b140866

Pkg. 10



140867 Bushing
 Replacing: 2000301044
 Servicing: 0001223501, 0001223503, 0001223504, 0001362051, 0001362052, 0001362063, 0001362064, 0001362093, 0001362096, 0001362097
 ID 14.34, OD 16.04, Length 20.39
 Alternative no.: b140867

Pkg. 10




140911 Bushing
 Replacing: 9003330905
 Servicing: 9000331201, 9000331203
 ID 10.03, OD 16.10, Length 12.50

Pkg. 10




140916 Bushing
 ID 8.02, OD 11.51, Length 11.43

Pkg. 10




140928 Bushing
 Servicing: 0001124005, 0001124006
 ID 18.01, OD 22.24, Length 5.93

Pkg. 10




140929 Bushing
 Replacing: 1000301072
 Servicing: 0001120400, 0001120401, 0001120402, 0001120403, 0001120404, 0001120405, 0001120406, 0001120407, 0001120408, 0001120409
 ID 11.03, OD 13.54, Length 9.00
 Alternative no.: b140929

Pkg. 10




140962 Bushing
 Replacing: 9001083373
 Servicing: 9000083027, 9000083028, 9000083043, 9000083045, 9000083049, 9000083053, 9000083054, 9000083055, 9000083056, 9000083057
 ID 15.75, OD 19.50, Length 10.00

Pkg. 10




140984 Bushing
 Replacing: 1000301080
 Servicing: 0001107450, 0001107451, 0001107508, 0001107509, 0001108430, 0001108431, 0001116001, 0001116003, 0001116005, 0001116006
 ID 12.55, OD 16.52, Length 7.85

Pkg. 10




140988 Bushing
 Replacing: 9003330317
 Servicing: 0001218602, 0001218620, 0001218703, 0001218710, 0001218711, 0001218712, 0001218715, 0001218716, 0001218719, 0001218722
 ID 10.03, OD 16.02, Length 10.00

Pkg. 10




141061 Bushing
 Replacing: 1000301069
 Servicing: 0001108003, 0001108112, 0001108120, 0001108124, 0001108147, 0001108149, 0001108162, 0001110016, 0001110039, 0001110053
 ID 10.04, OD/ collar 18.50, OD 16.55, Length 13.80, Height/ collar 2.90

Pkg. 10



141095 Bushing
 ID 12.12, OD 14.00, Length 21.00

Pkg. 10



141096 Bushing
 Servicing: 0001218012, 0001218013, 0001218018, 0001218024, 0001218103, 0001218105, 0001218113, 0001218114, 0001218115, 0001218116
 ID 18.03, OD 22.10, Length 7.00



141099 Bushing
 Servicing: 0001218166, 0001223013, 0001223014
 ID 17.93, OD 22.10, Length 7.05




141115 Bushing
 Replacing: 1000301087
 Servicing: 0001121022, 0001121023, 0001125016, 0001125017, 0001125018, 0001125019, 1006209681
 ID 12.20, OD 15.15, Length 8.40



141117 Bushing
 Servicing: 0001218004, 0001218005, 0001218008, 0001218009, 0001218017, 0001218026, 0001218134, 0001218145, B001233104, B001233112
 ID 5.20, OD 9.00, Length 9.00



141118 Bushing
 ID 8.01, OD 11.12, Length 8.00



141119 Bushing
 ID 10.10, OD 14.00, Length 9.55




141141 Bushing
 ID 20.50, OD 26.55, Length 11.90




141161 Bushing
 Servicing: 1006209949
 ID 14.30, OD 16.05, Length 9.95



141165 Bushing
 Servicing: 1006209949
 ID 11.07, OD 14.05, Length 8.50



141191 Bushing
 Servicing: 2006202011
 ID 20.00, OD 22.20, Length 26.80



141204 Bushing
 Servicing: 1006208280, 1006208450, 1006209450, 1006209451, 2006209280
 ID 14.23, OD 16.85, Length 10.00



141212 Bushing
 Servicing: 0001231002, 0001231032, B001260015
 ID 21.03, OD 25.00, Length 11.80



141241 Bushing
 Servicing: 2006202000
 ID 24.00, OD 25.40, Length 10.65



142049 Bushing
 ID 7.07, OD 12.00, Length 8.60

Pkg. 5


142061 Bushing

Replacing: 6033ac5050

 Servicing: 0001241001, 0001241003,
0001241004, 0001241005, 0001241006,
0001241007, 0001241008, 0001241009,
0001241012, 0001241014

ID 18.00, OD 20.08, Length 25.95

Pkg. 10


142068 Bushing

ID 6.05, OD 12.00, Length 11.07

Pkg. 10

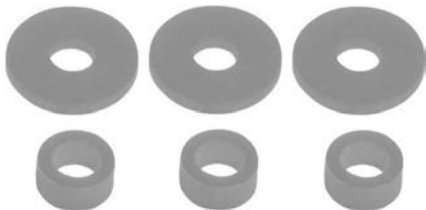

237666 Bushing

Replacing: 1000300029

 Servicing: 0001109300, 0001109301,
0001109302, 0001109303, 0001109332,
0001109333, 0001109334, 0001109335,
0001109409, 0001109410

ID 9.35, OD 11.98, Length 12.46

Pkg. 10


238788 Bushing Kit

 Servicing: 0331100016, 0331101006,
0331101009

 ID 3.25/3.25, OD 8.96/5.30
W: 1.10/2.40 mm.

Pkg. 10


332820 Bushing

Replacing: 1000301091

 Servicing: 0001106403, 0001106404,
0001106405, 0001106406, 0001106407,
0001106409, 0001106410, 0001107400,
0001107401, 0001107402

ID 12.56, OD 16.60, Length 6.00

Pkg. 100


B140003 Bushing

Replacing: 1000301046, 1000301001

 ID 12.60, OD 16.56, Length 11.50
Alternative no.: 140003

Pkg. 100


B140004 Bushing

Replacing: 2000301009, 2000301001

 ID 14.08, OD 17.58, Length 15.00
17.60x14.05x14.48 mm.

Alternative no.: 140004

Pkg. 100


B140006 Bushing

Replacing: 1900301420

 ID 14.04, OD 20.02, Length 10.00
Alternative no.: 140006

Pkg. 100


B140008 Bushing

Replacing: 1000301021

 ID 11.00, OD 13.60, Length 13.80
Alternative no.: 140008

Pkg. 100


B140009 Bushing

Replacing: 1000301011

 ID 12.10, OD 16.12, Length 16.00
Alternative no.: 140009

Pkg. 100


B140010 Bushing

Replacing: 2000301000

 ID 12.59, OD 16.55, Length 18.00
Alternative no.: 140010

Pkg. 100


B140011U Bushing

Replacing: B140011U

Pkg. 100



B140012 Bushing

Replacing: 1000301047, 1000301002
ID 12.56, OD 16.55, Length 14.00
Alternative no.: 140012

Pkg. 100



B140014 Bushing

Replacing: 9900333089, 2000301128,
2000301013
ID 10.08, OD 14.09, Length 13.00
Alternative no.: 140014

Pkg. 100



B140016 Bushing

Replacing: 2000301019, 1000301042,
1000301000
ID 12.57, OD 16.55, Length 15.80
Alternative no.: 140016

Pkg. 100



B140017 Bushing

Replacing: 1000301012
ID 12.09, OD 16.11, Length 14.00
Alternative no.: 140017

Pkg. 100



B140018 Bushing

Replacing: 9001082166, 2000301036
ID 12.08, OD 14.09, Length 13.90
Alternative no.: 140018

Pkg. 100



B140019 Bushing

Replacing: 2000301047, 2000301043
ID 14.06, OD 18.03, Length 14.00
Alternative no.: 140019

Pkg. 100



B140020 Bushing

Replacing: 2000301140, 2000301002
ID 19.13, OD 25.09, Length 10.00
Alternative no.: 140020

Pkg. 100



B140025 Bushing

Replacing: 2000301026
ID 19.11, OD 23.08, Length 9.80
Alternative no.: 140025

Pkg. 100



B140026 Bushing

Replacing: 2000301045, 2000301041
ID 19.10, OD 23.10, Length 13.00
Alternative no.: 140026

Pkg. 100



B140027 Bushing

Replacing: 1000301034, 1000301022
ID 17.62, OD 21.63, Length 9.42
Alternative no.: 140027

Pkg. 100



B140028 Bushing

Replacing: 2000301022
ID 11.10, OD 12.60, Length 10.50
Alternative no.: 140028

Pkg. 100



B140029 Bushing

Replacing: 1000301077, 1000301053,
1000301026
ID 12.10, OD 13.60, Length 13.50
Alternative no.: 140029

Pkg. 100


B140030 Bushing

Replacing: 2000301020, 1000301088,
1000301082, 1000301066, 1000301009
Servicing: 1006209570
ID 12.13, OD 13.62, Length 11.50
Alternative no.: 140030

Pkg. 100


B140031 Bushing

Replacing: 2000301024
ID 14.30, OD 16.00, Length 13.70
Alternative no.: 140031

Pkg. 100


B140033 Bushing

Replacing: 2000301031, 1000301019
ID 14.30, OD 16.00, Length 11.50
Alternative no.: 140033

Pkg. 100


B140035 Bushing

Replacing: 1000301023
ID 14.36, OD 16.02, Length 10.00
Alternative no.: 140035

Pkg. 100


B140043 Bushing

Replacing: 1000301063
ID 12.10, OD 15.05, Length 15.00
Alternative no.: 140043

Pkg. 100


B140111 Bushing

Replacing: 2000301016
ID 22.14, OD 28.07, Length 11.20
Alternative no.: 140111

Pkg. 100


B140111U Bushing

Replacing: B140111U

Pkg. 100


B140140 Bushing

Replacing: 2000301004
ID 16.67, OD 19.60, Length 19.00
Alternative no.: 140140

Pkg. 100


B140151 Bushing

Replacing: 2000301011
ID 19.12, OD 25.10, Length 12.80
Alternative no.: 140151

Pkg. 100


B140203 Bushing

Replacing: 2000301037
ID 14.08, OD 20.03, Length 17.00
Alternative no.: 140203

Pkg. 100


B140204 Bushing

Replacing: 9001140347
ID 10.05, OD 16.55, Length 11.50
Alternative no.: 140204

Pkg. 100


B140208 Bushing

Replacing: 2000301056, 1000301056
Servicing: 0001121025
ID 10.11, OD 14.04, Length 9.90
Alternative no.: 140208

Pkg. 100



B140221 Bushing

Replacing: B140221
ID 16.09, OD 18.00, Length 22.00
Alternative no.: 140221

Pkg. 100



B140248 Bushing

Replacing: 1000301061
ID 10.03, OD 16.55, Length 10.35
Alternative no.: 140248

Pkg. 100



B140249 Bushing

Replacing: 1000301076, 1000301054
ID 8.10, OD 11.12, Length 8.00
Alternative no.: 140249

Pkg. 100



B140250 Bushing

Replacing: B140250
ID 8.09, OD 11.12, Length 10.00
Alternative no.: 140250

Pkg. 100



B140251 Bushing

Replacing: 1000301074, 1000301055
ID 18.00, OD 22.10, Length 8.00
Alternative no.: 140251

Pkg. 100



B140252 Bushing

Replacing: 1000301075, 1000301068
ID 18.03, OD 22.10, Length 6.00
Alternative no.: 140252

Pkg. 100



B140261 Bushing

Replacing: 1000301003
ID 14.36, OD 16.00, Length 18.00
Alternative no.: 140261

Pkg. 100



B140319 Bushing

Replacing: 1000301083
ID 10.00, OD 14.00, Length 12.00
Alternative no.: 140319

Pkg. 100



B140423 Bushing

Replacing: 140423
Servicing: f000a10321
ID 12.55, OD 16.50, Length 10.60
Alternative no.: 140423

Pkg. 100



B140500 Bushing

Replacing: 2000301023, 1000301008
ID 12.11, OD 14.10, Length 12.00
Alternative no.: 140500

Pkg. 100



B140563 Bushing

Replacing: 1000322005
ID 10.07, OD/ collar 19.00, OD 16.55,
Length 14.60, Height/ collar 1.60
Alternative no.: 140563

Pkg. 100



B140645 Bushing

Replacing: 1000301010
ID 12.63, OD 14.10, Length 10.50
Alternative no.: 140645

Pkg. 100


B140782 Bushing

Replacing: 140782
 Servicing: 1006209570
 ID 12.13, OD 13.62, Length 20.00
 Alternative no.: 140782

Pkg. 100


B140853 Bushing

Replacing: 1000301032
 ID 11.10, OD 12.60, Length 11.50
 Alternative no.: 140853

Pkg. 100


B140854 Bushing

Replacing: 1000301031
 ID 12.10, OD 13.57, Length 11.50
 Alternative no.: 140854

Pkg. 100


B140856 Bushing

Replacing: 1000301062
 ID 12.57, OD 16.60, Length 10.00
 Alternative no.: 140856

Pkg. 100


B140858 Bushing

Replacing: 2000301040
 ID 12.10, OD 14.10, Length 12.10
 Alternative no.: 140858

Pkg. 100


B140859 Bushing

Replacing: 2000301049
 ID 19.13, OD 23.05, Length 13.20
 Alternative no.: 140859

Pkg. 100


B140866 Bushing

Replacing: 2000301006
 ID 14.36, OD 16.02, Length 23.50
 Alternative no.: 140866

Pkg. 100


B140867 Bushing

Replacing: 2000301044
 ID 14.34, OD 16.04, Length 20.39
 Alternative no.: 140867

Pkg. 100


B140929 Bushing

Replacing: 1000301072
 ID 11.03, OD 13.54, Length 9.00
 Alternative no.: 140929

Bearings
Ball Bearings

140649 Ball Bearing

Replacing: 2000900001, 1900900206
 Servicing: 0001510001, 0001510002,
 0001510003, 0001510005, 0001510008,
 0001510009, 0001510010, 0001510017,
 0001510018, 0001510019
 ID 45.00, OD 75.00, Height 10.00,
 Rolls 15


142055 Ball Bearing

Replacing: 6033AC0294
 Servicing: 0001330001, 0001330003,
 0001330004, 0001330005, 0001330006,
 0001330007, 0001330008, 0001330011,
 0001330012, 0001330013
 ID 20.00, OD 58.00, Height 26.00


142062 Ball Bearing

ID 24.94, OD 52.00, Height 15.00,
 Bushing w/o, Lock ring w/o,
 Oil seals w/o



142064 Ball Bearing
 ID 24.95, OD 42.00, Height 8.97,
 Bushing w/o, Lock ring w/o,
 Oil seals w/o
 w/ 2 internal grooves.

Needle Bearings

Pkg. 10



140197 Needle Bearing
 Replacing: 2000910009, 2000910002
 Servicing: 0001410015, 0001410016,
 0001410017, 0001410018, 0001410019,
 0001410021, 0001410022, 0001410023,
 0001410024, 0001410025
 ID 18.00, OD 24.00, Height 16.00,
 Rolls 20

Pkg. 10



140198 Needle Bearing
 Replacing: 2000910005
 Servicing: 0001410015, 0001410016,
 0001410017, 0001410018, 0001410019,
 0001410021, 0001410022, 0001410023,
 0001410024, 0001410025
 ID 34.00, OD 48.00, Height 15.00,
 Rolls 13

Pkg. 10



140242 Needle Bearing
 Replacing: 9001140384
 Servicing: PMGR series, M78, M79,
 00010DB98E, 0001107037, 0001107048,
 0001107056, 0001107100, 0001107101,
 0001107108, 0001107112

ID 12.00, OD 16.00, Height 10.00, Rolls 18

Pkg. 10



140375 Needle Bearing
 Replacing: 9003330902
 Servicing: 9000331201, 9000331203
 ID 18.00, OD 24.00, Height 12.00, Rolls 20

Pkg. 10



140482 Needle Bearing
 Replacing: 1000917003
 Servicing: 0001106023, 0001106024,
 0001107030, 0001107032, 0001107059,
 0001107064, 0001107075, 0001107078,
 0001107079, 0001107080
 ID 10.00, OD 14.00, Height 10.00,
 Rolls 15

Pkg. 10



140494 Needle Bearing
 Replacing: 6033ac0093
 Servicing: 0001223003, 0001223007,
 0001223024
 ID 12.00, OD 18.00, Height 12.00,
 Rolls 15

Pkg. 5



140617 Needle Bearing
 Replacing: 9001140359, 140617
 Servicing: 0001107072, 0001109001,
 0001109002, 0001110003, 0001110005,
 0001110017, 0001110025, 0001110026,
 0001110042, 0001110055

ID 5.00, OD 9.00, Height 8.84, Rolls 8

Pkg. 5



140619 Needle Bearing
 Servicing: 0001110001, 0001110002,
 0001110007, 0001110008, 0001110009,
 0001110010, 0001110011, 0001110012,
 0001110013, 0001110014
 ID 6.00, OD 10.00, Height 9.00, Rolls 10

Pkg. 5



140717 Needle Bearing
 Replacing: 2000910004
 Servicing: 0001510001, 0001510002,
 0001510003, 0001510004, 0001510005,
 0001510006, 0001510008, 0001510009,
 0001510010, 0001510011
 ID 19.05, OD 25.05, Height 15.88,
 Rolls 19

Pkg. 5



140733 Needle Bearing
 Servicing: 0001420001, 0001420012
 ID 22.00, OD 28.00, Height 20.00,
 Rolls 24

Pkg. 10


140807 Needle Bearing

Replacing: 1000917004

 Servicing: 0001106403, 0001106404,
0001106409, 0001106410, 0001107010,
0001107011, 0001107019, 0001107027,
0001107028, 0001107029

 ID 10.00, OD 14.00, Height 14.00, Rolls 14
Closed end.

Pkg. 5


140903 Needle Bearing

Replacing: 9003330901

Servicing: 9000331201

ID 10.00, OD 17.00, Height 12.00, Rolls 13

Pkg. 10


140904 Needle Bearing

Replacing: 9003330903, 6033ac0105

 Servicing: 0001218157, 0001218757,
0001223001, 0001223009, 0001223010,
0001223014, 0001223021, 0001230002,
0001230003, 0001230014

ID 12.00, OD 18.00, Height 16.00, Rolls 15

Pkg. 5


140935 Needle Bearing

Replacing: 1000917006

 Servicing: 0001107031, 0001107032,
0001107049, 0001107415, 0001107429,
0001107431, 0001107432, 0001107437,
0001108444, 6004aa0003

ID 9.00, OD 13.00, Height 10.00, Rolls 13


140946 Needle Bearing Kit

Replacing: 9001453666

Servicing: 0001371001

Pkg. 5


140971 Needle Bearing

Replacing: 2000910013

 Servicing: 0001370003, 0001370004,
0001371004, 0001371005, 0001371006,
0001371007, 0001371008, 0001371009,
0001371010, 0001371012

 ID 15.88, OD 23.88, Height 21.88, Rolls 14
Closed end.

Pkg. 5


140972 Needle Bearing

Replacing: 9000910012, 2000910012

 Servicing: 0001370001, 0001370002,
0001370003, 0001370004, 0001371001,
0001371004, 0001371005, 0001371006,
0001371007, 0001371008

ID 22.00, OD 28.00, Height 16.00

Pkg. 5


141007 Needle Bearing

Replacing: 2000910015

 Servicing: 0001372001, 0001372002,
0001372003, 0001372004, 0001372005,
0001372006, 0001372007, 0001372008,
0AA137200B, 0AA137200F

 ID 16.00, OD 23.85, Height 18.95, Rolls 14
Double sealed.

Pkg. 5


141015 Needle Bearing

Replacing: 2000910011

 Servicing: 0001370001, 0001370002,
0001371001, 9000453029, 9000453064,
9000453065, 9000453066, 9000453067,
9000453068, B001850025

ID 15.88, OD 20.64, Height 19.05, Rolls 20

Pkg. 5


141040 Needle Bearing

Replacing: 6033AC0352

 Servicing: 0001330001, 0001330003,
0001330004, 0001330005, 0001330006,
0001330007, 0001330008, 0001330011,
0001330012, 0001330013

ID 30.00, OD 37.00, Height 16.00, Rolls 26

Pkg. 5


141054 Needle Bearing

Replacing: 1000917005, 1000917000

 Servicing: 0001107070, 0001107071,
0001108113, 0001108114, 0001108133,
0001108174, 0001108175, 0001108200,
0001108201, 0001108220

ID 12.00, OD 16.00, Height 14.00, Rolls 15

Pkg. 5


141084 Needle Bearing

Replacing: 1000917007

 Servicing: 0001121022, 0001121023,
0001124020, 0001124021, 0001125016,
0001125017, 0001125018, 0001125019,
0001125046, 0001125047

ID 30.50, OD 37.00, Height 15.90, Rolls 26

Pkg. 10



141256 Needle Bearing

Replacing: 0001107404, 0001107405, 0001107410, 0001107418, 0001107429, 0001107435, 0001107437, 0001107440, 0001107441, 0001107501

ID 5.50, OD 8.50, Height 6.85, Rolls 7

Pkg. 10



142001 Needle Bearing

Replacing: 1000917009

Servicing: 0001120400, 0001120401, 0001120402, 0001120403, 0001120404, 0001120405, 0001120406, 0001120407, 0001120408, 0001120409

ID 28.10, OD 35.20, Height 14.60

Pkg. 10



142019 Needle Bearing

Replacing: hk2512

Servicing: 0001241001, 0001241003, 0001241007, 0001241014, 0001241015, 0001241020, 0001261001, 0001261002, 6033ac5060

ID 25.00, OD 32.00, Height 12.00

Roller Bearings



140650 Roller Bearing

Replacing: 2000914012

Servicing: 0001510001, 0001510002, 0001510003, 0001510005, 0001510008, 0001510009, 0001510010, 0001510017, 0001510018, 0001510019

ID 25.00, OD 62.00, Height 17.00, Rolls 10

Repair Kits



130968 Repair Kit

Replacing: 2007010007

Servicing: 0001354089, 0001358020, 0001358051, 0001358200, 0001358201, 0001358202, 0001359004, 0001359008, 0001359045, 0001359049



130969 Repair Kit

Replacing: 2007011040

Servicing: 0001359072, 0001360004, 0001360005, 0001360010, 0001360012, 0001360014, 0001360017, 0001360019, 0001360020, 0001360022



130970 Terminal Kit

Replacing: 2007011533, 2007011042, 2007011041, 2007001533

Servicing: 0001358020, 0001358046, 0001358047, 0001358049, 0001358051, 0001358200, 0001358201, 0001358202, 0001359002, 0001359003



133308 Terminal Kit

Replacing: 2004449086, 2004449002

Servicing: 0001410037, 0001410068, 0001411013, 0001414011, 0001416001, 0001416006, 0001416014, 0001416018, 0001416028, 0001416031

Terminal 30: M10. Terminal 31: M10 insulated.



133309 Repair Kit

Servicing: 0001108 series



133310 Repair Kit

Servicing: 0001109, 0001110 series



133311 Repair Kit

Servicing: 0001218 series



133312 Repair Kit

Servicing: 0001354, 0001363 series



133313 Repair Kit

Servicing: 0001360, 0001364 series, 9000143501


133314 Repair Kit

Servicing: 0001358, 0001359, 0001365 series


133316 Repair Kit

Servicing: 0001362, 0003167 series


133317 Repair Kit

Servicing: 0001367 series


133318 Repair Kit

Servicing: 0001368 series


133540 Repair Kit

For FKB-24 V insulated. includes: Clutch: HC-CARGO 130317. Solenoid: HC-CARGO 130283, 130305. Brush set: HC-CARGO BSX1314.

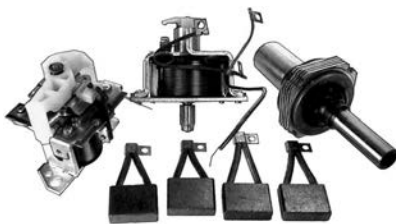

133586 Repair Kit

For FKB-24V isolated. Contains: Clutch HC-CARGO 130317. Start Relay: HC-CARGO 130283, 130305. Carbon brush: HC-CARGO BSX1314.


134009 Repair Kit

Servicing: 0001415016

For FKB-24 V earthed. Includes: Clutch: HC-CARGO 130317. Solenoid: HC-CARGO 130304, 133554. Repair kit: 137016. Brush set: HC-CARGO BSX1314.


134010 Repair Kit

Servicing: 0001415016

For FKB-24 V earthed. Includes: Clutch: HC-CARGO 130317. Solenoid: HC-CARGO 130304, 133554. Brush set: HC-CARGO BSX1314.


134050 Repair Kit

Servicing: 1006200017, 1006200900


134053 Repair Kit

Servicing: 1006200019, 1006200904


134606 Repair Kit

Replacing: 2007011003

Servicing: 0001401041, 0001401044, 0001401046, 0001401049, 0001401050, 0001401052, 0001401057, 0001401060, 0001401066, 0001401067

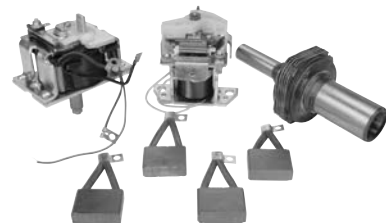

134607 Repair Kit

Replacing: 2007011029

Servicing: 0001410015, 0001410016, 0001410017, 0001410018, 0001410019, 0001410021, 0001410022, 0001410024, 0001410029, 0001410032
Terminal 50. New type: HC-CARGO 139071.


135205 Repair Kit

For FKB-24 V. Includes: Clutch: HC-CARGO 130317. Solenoid: HC-CARGO 130283, 130304. Repair set: HC-CARGO 137016. Brush set: HC-CARGO BSX1314.


135206 Repair Kit

For FKB-24 V. Includes: Clutch: HC-CARGO 130317. Solenoid: HC-CARGO 130283, 130304. Brush set: HC-CARGO BSX1314.



135303 Repair Kit

For FKB-24 V earthed. Includes: Solenoid: HC-CARGO 130304, 133554. Repair kit: 137016. Brush set: HC-CARGO BSX1314.



136053 Terminal Kit

Replacing: 2007011046
 Servicing: 0001364100, 0001364101, 0001364102, 0001364103, 0001364104, 0001364105, 0001364106, 0001364108, 0001364200, 0001364201



136282 Repair Kit

For FKB-24 V earthed. Includes: Clutch: HC-CARGO 130317. Solenoid: HC-CARGO 130304, 133554. Repair kit: HC-CARGO 137016. Brush set: HC-CARGO BSX1484.



136695 Terminal Kit

Replacing: 2007011057
 Servicing: 0001420001, 0001420002, 0001420003, 0001420004, 0001420005, 0001420006, 0001420007, 0001420008, 0001420009, 0001420010



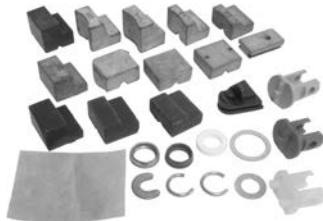
136856 Repair Kit

Replacing: 1007010079
 Servicing: 0001106403, 0001106404, 0001106407, 0001106409, 0001106410, 0001107448, 0001107449, 0001107532, 0001107533, 0001120400



136914 Repair Kit

Replacing: 1007010040
 Servicing: 0001108019, 0001218002, 0001218003, 0001218004, 0001218005, 0001218006, 0001218007, 0001218008, 0001218009, 0001218010



136915 Repair Kit

Replacing: 1007010081, 1007010039
 Servicing: 0001090112, 0001090115, 0001090137, 0001090139, 0001090141, 0001090144, 0001106001, 0001106002, 0001106004, 0001106012



136970 Repair Kit

Replacing: 1007010070
 Servicing: 0001106011, 0001106014, 0001106015, 0001106018, 0001106019, 0001106020, 0001107059, 0001107077, 0001107082, 0001108022



137001 Repair Kit

Replacing: 2007011069
 Servicing: 0001410029, 0001410062, 0001413017, 0001414011, 0001415007, 0001416001, 0001416002, 0001416003, 0001416004, 0001416005



137016 Repair Kit

Replacing: 1987010000
 Servicing: Starter FKB, 0001410016, 0001410017, 0001410019, 0001410021, 0001410022, 0001410024, 0001410037, 0001410041, 0001410044



137173 Repair Kit

Replacing: 1007010004
 Servicing: 0001204102, 0001204103, 0001207001, 0001207003, 0001207005, 0001207009, 0001207015, 0001207016, 0001207017, 0001207018



137270 Repair Kit

Replacing: 1007010046
 Servicing: 0001107401, 0001107402, 0001107403, 0001107404, 0001107405, 0001107406, 0001107407, 0001107410, 0001107411, 0001107417


137882 Repair Kit

Replacing: 1007010003

Servicing: 0001106014, 0001114005, 0001114006, 0001120406, 0001120407, 0001204102, 0001204103, 0001207001, 0001207003, 0001207005


137883 Sealing Kit

Replacing: 2007010053

Servicing: 0001420001, 0001420002, 0001420003, 0001420004, 0001420005, 0001420006, 0001420007, 0001420008, 0001420009, 0001420010


138412 Terminal Kit

 Servicing: 0001416010, 0001417037
Terminal 30: M12. Terminal 31: M10 insulated.

138927 Terminal Kit

Replacing: 2004632026

 Servicing: 0001410015, 0001410016, 0001410024, 0001410041, 0001410044, 0001410046, 0001410053, 0001410063, 0001410067, 0001410088
Terminal 30: M10. Terminal 31: M10.

139015 Repair Kit

Servicing: 0001107067, 0001107076, 0001108166, 0001108167, 0001108173, 0001108180, 0001108182, 0001108183, 0001108186, 0001115002


139071 Terminal Kit

Replacing: 2007011070

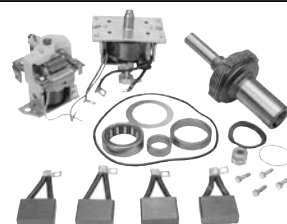
 Servicing: 0001108107, 0001410024, 0001410029, 0001410062, 0001410088, 0001411009, 0001411023, 0001413017, 0001414011, 0001415007
Terminal 50. New type.

139152 Repair Kit

Replacing: 2007010032, 2007010020

Servicing: 0001354080, 0001354082, 0001354088, 0001354090, 0001354091, 0001354092, 0001354093, 0001354094, 0001354095, 0001354099


139292 Terminal Kit

 Servicing: 0001416002, 0001416038, 0001416040, 0001416043, 0001416062, 0001417007, 0001417036
Terminal 30: M12. Terminal 31: M10. Grounded.

139576 Repair Kit

12 V

Contains: Clutch: HC-CARGO 130317. Solenoid: HC-CARGO 132803, 133487. Repair kit: HC-CARGO 137016. Brush set: HC-CARGO BSX1304.


139699 Repair Kit

Replacing: 9003337010, 2002033007

 Servicing: 0001230001, 0001230002, 0001230003, 0001230004, 0001230005, 0001230006, 0001230007, 0001230008, 0001230009, 0001230010
 ID 10.10, Length 31.30

139815[#] Repair Kit

Replacing: 9001083538

Servicing: 9000083027, 9000083028, 9000083043, 9000083045, 9000083053, 9000083054, 9000083055, 9000083056, 9000083057, 9000083058


230019 Terminal Kit

 Servicing: 0001417065, 0001417069
Terminal 30: M12. Terminal 31: M12 insulated. New type.



230021 Terminal Kit

Terminal 30: M10. Terminal 31: M10 grounded. New type.



230022 Terminal Kit

Terminal 30: M10. Terminal 31: M10 insulated. New type.



230023 Terminal Kit

Terminal 30: M12. Terminal 31: M10 grounded. New type.



230024 Terminal Kit

Terminal 30: M12. Terminal 31: M10 insulated. New type.



230329 Repair Kit

24 V
For FKB-24 V insulated. Includes: Clutch: HC-CARGO 130317. Solenoid: HC-CARGO 130283, 130305. Repair kit: HC-CARGO 137016. Brush set: HC-CARGO BSX172-1734.



230330 Repair Kit

For FKB-24 V earthed. Includes: Clutch: HC-CARGO 130317. Solenoid: HC-CARGO 130304, 133554. Repair kit: HC-CARGO 137016. Brush set: HC-CARGO BSX172-1734.



230331 Repair Kit

For FKB-24 V earthed. Includes: Solenoid: HC-CARGO 130304, 133554. Repair kit: HC-CARGO 137016. Brush set: HC-CARGO BSX172-1734.



230846 Terminal Kit

Replacing: 2007011071
Servicing: 0001370001, 0001370002, 0001370003, 0001370004, 0001371001, 0001371004, 0001371005, 0001371006, 0001371007, 0001371008



231086 Repair Kit

Replacing: 2007010133
Servicing: 0001359021, 0001359038, 0001359083, 0001360035, 0001362039, 0001362060, 0001362064, 0001362069, 0001362070, 0001362073



231645 Terminal Kit

Replacing: 2007011072
Servicing: 0001410037, 0001416062, 0001416067, 0001417075, 0001417076, 0001418016
Terminal 50.



231649 Repair Kit

Replacing: 6033ad0047
Servicing: 0001223001, 0001223004, 0001223005, 0001223006, 0001223008, 0001223009, 0001223011, 0001223012, 0001223013, 0001223014



231651 Repair Kit

Replacing: 6033ad0064
Servicing: 0001223002, 0001223003, 0001223007, 0001223016, 0001223021, 0001223024, 0001230006, 0001230014



234040 Repair Kit

Replacing: 2007010011
Servicing: 0001354016, 0001354018, 0001354029, 0001354031, 0001354038, 0001354055, 0001354077, 0001354085, 0001354086, EJD1


234657 Repair Kit

Replacing: 9001337095

Servicing: 0001218172, 0001218173


235147 Repair Kit

Replacing: 1007010093

 Servicing: 0001106405, 0001106406,
0001107401, 0001107402, 0001107403,
0001107404, 0001107405, 0001107406,
0001107407, 0001107408

239112 Repair Kit

Replacing: 6033ad6014

 Servicing: 0001330001, 0001330003,
0001330004, 0001330005, 0001330006,
0001330007, 0001330008, 0001330011,
0001330012, 0001330013

333490 Repair Kit

Manufacturer: Bosch

Replacing: F00M147855

 Servicing: 0124555069, 0124555071,
0124555072, 0124555079, 0124555080,
0124555087, 0124555089, 0124555091,
0124655016, 0124655097

 ID 35.00, OD 38.00, Height 51.00
Alternative no.: 333609

Pkg. 100


B140011 Bushing

Replacing: 2000301015

ID 40.12, OD 48.04, Length 10.50

Alternative no.: 140011

Sundry Parts
C.E. Covers

Pkg. 5


134683 C.E. Bracket

Replacing: 2000556057, 2000556056

 Servicing: 0001362005, 0001362006,
0001362008, 0001362034, 0001362035,
0001362036, 0001362038, 0001362039,
0001362040, 0001362041

OD 40.00, Height 15.55


137792 Cover

Replacing: 1005505012, 1000520033

 Servicing: 0001108003, 0001108005,
0001108006, 0001108074, 0001108112,
0001108125, 0001108128, 0001108130,
0001110040, 0001110052

OD 30.00, Height 21.00, Rubber w/o

Pkg. 10


138856 C.E. Bracket

Replacing: 1000505010

 Servicing: 0001204102, 0001207001,
0001207003, 0001207005, 0001207009,
0001207015, 0001207016, 0001207017,
0001207018, 0001207019

OD 32.00, Height 20.00

Pkg. 10


139011 C.E. Bracket

 Replacing: f000a11074, 1000520075,
1000520070, 1000520068, 1000520049,
1000520045, 1000520034

 Servicing: 00010DB98E, 0001106011,
0001106012, 0001106014, 0001106015,
0001106016, 0001106017, 0001106018,
0001106019, 0001106020

Height 19.50

Pkg. 5


139294 C.E. Bracket

 Replacing: 1000505015, 1000505014,
1000505013

 Servicing: 0001112003, 0001112004,
0001112005, 0001112006, 0001112007,
0001112008, 0001112009, 0001112010,
0001112011, 0001112012

OD 28.00, Height 17.75

Pkg. 10


139359 Cover

Replacing: 2000556090

 Servicing: 0001362092, 0001362096,
0001362601, 0001363120, 0001363122,
0001363128, 0001363130, 0001368001,
0001368007, 0001368035

OD 34.60, Height 14.30



231189 C.E. Bracket

Replacing: 2000505001
 Servicing: 0001157001, 0001157002, 0001157003, 0001157004, 0001157005, 0001157006, 0001157008, 0001157011, 0001157012, 0001157015



231278 C.E. Bracket

Replacing: 2000034001, 2000034000
 Servicing: 0001370001, 0001370002, 0001370003, 0001370004, 0001371001, 0001371004, 0001371005, 0001371006, 0001371007, 0001371008



233564 C.E. Bracket

Replacing: 1000520055
 Servicing: 0001116001, 0001116003, 0001116005, 0001116006, 0001116008, 0001116009



234335 Cover

Servicing: 0001231014
 ID 20.50, OD 23.60, Height 14.20



Pkg. 5

235196 C.E. Bracket

Replacing: 1000520074, 1000520066
 Servicing: 00001115042, 0001106016, 0001106019, 0001106403, 0001106404, 0001106405, 0001106406, 0001107009, 0001107015, 0001107039

Oil Seals

Pkg. 10



131448 Oil Seal

Replacing: 2000283013
 Servicing: 0001410024, 0001410032, 0001410035, 0001410043, 0001410046, 0001410047, 0001410049, 0001410052, 0001410058, 0001410065
 ID 33.00, OD 45.00, Height 7.00

Pkg. 10



131449 Oil Seal

Replacing: 2000212000
 Servicing: 0001410015, 0001410016, 0001410017, 0001410018, 0001410019, 0001410021, 0001410022, 0001410023, 0001410024, 0001410025
 ID 31.90, OD 44.35, Height 2.65
 Spring: HC-CARGO 131450.

Pkg. 10



132382 Oil Seal

Servicing: 40MT, 42MT, 50MT
 ID 19.50, OD 34.90, Height 9.50



Pkg. 5

135372 Oil Seal

Replacing: 2000283015, 2000283012
 Servicing: 0001510001, 0001510002, 0001510003, 0001510005, 0001510008, 0001510009, 0001510010, 0001510017, 0001510018, 0001510019
 ID 35.00, OD 47.00, Height 7.00

Pkg. 5



135575 Oil Seal

Replacing: 2916740049
 Servicing: 0001362321, 0001362331, 0001363128, 0001363130, 0001367036, 0001367038, 0001367046, 0001367051, 0001367054, 0001367057
 ID 19.00, OD 27.00, Height 6.00

Pkg. 5



135579 Oil Seal

Replacing: 2000283016
 Servicing: 0001359023, 0001359031, 0001359035, 0001359050, 0001359051, 0001359054, 0001359059, 0001359066, 0001359089, 0001359092
 ID 19.00, OD 32.00, Height 7.00

Pkg. 5



136665 Oil Seal

Servicing: 0001420..., 0001420001, 0001420003, 0001420004, 0001420009, 0001420010, 0001420011, 0001420012, 0001420013, 0001420015
 ID 22.00, OD 35.00, Height 7.00

Pkg. 10


136791 Oil Seal

Replacing: 1000221001

Servicing: 0001212206, 0001212207, 0001212208, 0001212209, 0001212210, 0001212211, 0001212212, 0001212213, 0001212214, 0001212400

ID 27.00, OD 40.00, Height 3.80

Spring: HC-CARGO 135397.

Pkg. 10


137177 Oil Seal

Replacing: 1000221000, 0124035480

Servicing: 0001212005, 0001212006, 0001212007, 0001212008, 0001212011, 0001212012, 0001212200, 0001212202, 0001212204, 0001212208

ID 25.00, OD 37.00, Height 3.55

Pkg. 10


230448 Oil Seal

Replacing: 9001453583

Servicing: 0001370001, 0001370002, 0001371004, 0001371005, 0001371006, 0001371007, 0001371008, 0001371009, 0001371012, 0001371014

ID 20.00, OD 32.00, Height 6.30

Pkg. 10


231343 Oil Seal

Replacing: 1000500094

Servicing: 0001121022, 0001121023, 0001124020, 0001124021, 0001125016, 0001125017, 0001125018, 0001125019, 0001125046, 0001125047

ID 30.00, OD 40.00, Height 2.70

Pkg. 10


233545 Oil Seal

Replacing: 1000500092, 1000500091

Servicing: 0001121001, 0001121002, 0001121003, 0001121006, 0001121007, 0001121008, 0001121009, 0001121010, 0001121011, 0001121016

ID 28.00, OD 38.00, Height 2.50


236644 Oil Seal

Replacing: 6033AC0285

Servicing: 0001230002, 0001230014, 0001231019, 0001231028, 0001231040, 6033AD3169, 6033AD4049

ID 54.10, OD 72.25, Height 4.10

Pkg. 10


237766 Oil Seal

Replacing: 6033AC5028, 237766

Servicing: 0001241001, 0001241003, 0001241004, 0001241005, 0001241006, 0001241007, 0001241014, 0001241015, 0001241019, 0001241020

ID 30.00, OD 40.00, Height 7.00

Pkg. 10


239111 Oil Seal

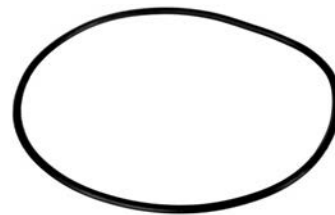
Replacing: 6033AC0424

Servicing: 0001330001, 0001330003, 0001330004, 0001330005, 0001330006, 0001330007, 0001330008, 0001330011, 0001330012, 0001330013

ID 26.00, OD 42.00, Height 7.00

O-rings

Pkg. 10

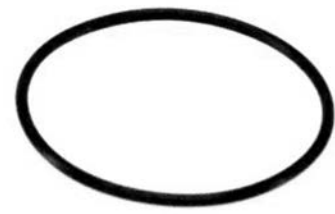

131444 O-ring

Replacing: 2000210083, 2000210014

Servicing: 0001401044, 0001401046, 0001401049, 0001401050, 0001401067, 0001401069, 0001401071, 0001401073, 0001402018, 0001402050

ID 142.00, Thickness 3.00, Material Rubber

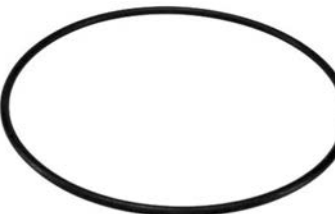
Pkg. 10


134612 O-ring

Servicing: 0001231012, 0001359111, 0001362039, 0001362092, 0001367010, 0001367039, 0001367070, 0001368070, 0001368304, 0001368306

ID 35.00, Thickness 2.00

Pkg. 10


134613 O-ring

Replacing: 2000210079

Servicing: 0001358020, 0001358047, 0001358049, 0001358051, 0001358200, 0001358201, 0001358202, 0001359016, 0001359019, 0001359038

Thickness 3.00

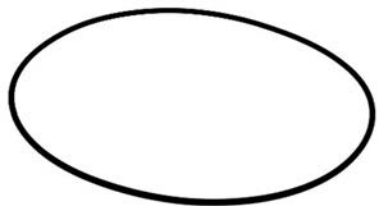
Pkg. 10


134776 O-ring

Servicing: 0001420010, 0001420011, 0001420015, 0001420024

ID 12.00, Thickness 3.00

Pkg. 10



134965 O-ring

Replacing: 1480210075
 Servicing: 0001330001, 0001330003, 0001330004, 0001330005, 0001330006, 0001330007, 0001330008, 0001330011, 0001330012, 0001330013
 ID 100.00, Thickness 2.00

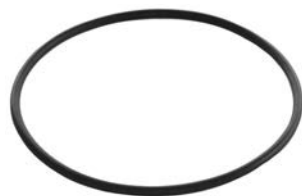
Pkg. 10



136340 O-ring

Replacing: 2000210095
 Servicing: 0001358202, 0001359002, 0001359003, 0001359008, 0001359010, 0001359012, 0001359014, 0001359016, 0001359020, 0001359025
 ID 105.00, Thickness 4.00

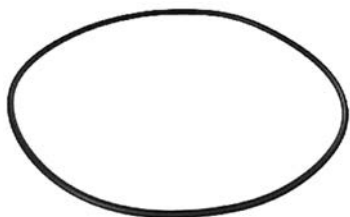
Pkg. 5



136690 O-ring

Servicing: 0001415007, 0001416004, 0001416012, 0001416074, 0001420001, 0001420010, 0001420011, 0001420012, 0001420015, 0001420024
 ID 83.00, Thickness 3.00
 For FKB.

Pkg. 5



136691 O-ring

Servicing: 0001420..., 0001359021, 0001420001, 0001420010, 0001420011, 0001420012, 0001420015, 0001420024
 ID 123.00, Thickness 3.00

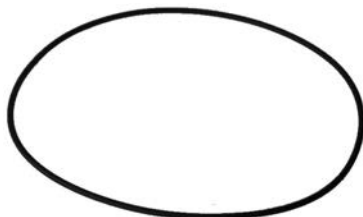
Pkg. 10



138750 O-ring

Servicing: 0001360023, 0001360036
 ID 6.00, Thickness 3.00, Material Rubber

Pkg. 10



230447 O-ring

Replacing: 2000210095
 Servicing: 0001370002, 0001371004, 0001371005, 0001371006, 0001371007, 0001371008, 0001371009, 0001371012, 0001371014, 0001371017
 ID 105.00, Thickness 2.00

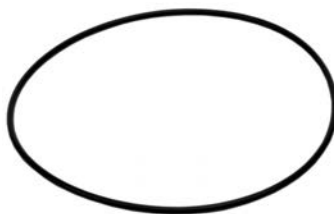
Pkg. 10



230634 O-ring

Replacing: 1900210142
 Servicing: 0001370002, 0001370003, 0001370004, 0001371004, 0001371005, 0001371006, 0001371007, 0001371008, 0001371009, 0001371010
 ID 40.00, Thickness 2.50

Pkg. 5



237603 O-ring

Replacing: 9003330205
 Servicing: 0001230001, 0001230013, 0001230027, 0001231001, 0001231002, 0001231006, 0001231014, 0001231018, 0001231033, 0001231038
 Thickness 2.00

Rods



131443 Rod

Replacing: 2007010045, 2003050075, 2003050058, 2003050056, 2003050052
 Servicing: 0001410015, 0001410016, 0001410017, 0001410019, 0001410021, 0001410022, 0001410024, 0001410035, 0001410037, 0001410041
 OD 9.66, Length 325.00



132802 Rod

Replacing: 2003050076
 Servicing: 0001410029, 0001410062, 0001413001, 0001413003, 0001413004, 0001413005, 0001413006, 0001413007, 0001413008, 0001413009
 Length 290.00



132843 Rod

Replacing: 2003050040
 Servicing: 0001416005, 0001416070, 0001417001, 0001417002, 0001417005, 0001417006, 0001417007, 0001417008, 0001417012, 0001417013
 Length 310.00



134441 Rod

Replacing: 2007010048, 2003050077
 Servicing: 0001510001, 0001510002, 0001510003, 0001510005, 0001510008, 0001510009, 0001510010, 0001510017, 0001510018, 0001510019
 Length 355.50
 Nut: HC-CARGO 233930. Lock washer: HC-CARGO 233929.

Thru Bolts

Pkg. 10


134561 Through Bolt

Replacing: 9001333521, 9001333520
Servicing: 0001218002, 0001218003,
 0001218006, 0001218007, 0001218009,
 0001218010, 0001218014, 0001218019,
 0001218020, 0001218021
Total length 170.00, **Thread size** M6

Pkg. 10


134617 Through Bolt

Replacing: 1003527149, 1003527132
Servicing: 0001108166, 0001108167,
 0001110003, 0001110009, 0001110010,
 0001110012, 0001110013, 0001110016,
 0001110019, 0001110022
Total length 180.00, **Thread size** M5/M6

Pkg. 5


135552 Through Bolt

Replacing: 2003526043, 2003526006
Servicing: 0001367001, 0001367002,
 0001367004, 0001367005, 0001367006,
 0001367007, 0001367008, 0001367009,
 0001367010, 0001367011
Total length 210.00, **Thread size** M6,
Thread size/ rear M6

Pkg. 10


135782 Through Bolt

Replacing: 1003527135, 1003527103,
 1003421003
Servicing: 0001108018, 0001108021,
 0001108028, 0001108029, 0001108038,
 0001108039, 0001108042, 0001108047,
 0001108048, 0001108054
Total length 135.50, **Thread size** M5,
Thread size/ rear M5

Pkg. 10


135859 Through Bolt

Replacing: 2003410065
Servicing: 0001358051, 0001358200,
 0001358201, 0001358202, 0001359002,
 0001359003, 0001359008, 0001359010,
 0001359012, 0001359014
Total length 195.00, **Thread size** M5,
Thread size/ rear M6

Pkg. 10


135982 Through Bolt

Replacing: 1003527105
Servicing: 0001107027, 0001107028,
 0001107427, 0001107428, 0001112005,
 0001112006, 0001112013, 0001112014,
 0001112025, 0001208516
Total length 137.00,
Length/ rear collar 121.05,
Thread length 19.06, **Thread size** M5,
Thread size/ rear M5

Pkg. 4


136698# Through Bolt

Replacing: 2003526040
Servicing: 0001420001, 0001420002,
 0001420003, 0001420004, 0001420005,
 0001420006, 0001420007, 0001420008,
 0001420009, 0001420010
Total length 80.00, **Thread size** M5,
Thread size/ rear M5

Pkg. 2


137179 Through Bolt

Replacing: 9001333518, 9001333517
Servicing: 0001218011, 0001218012,
 0001218018, 0001218024, 0001218027,
 0001218028, 0001218103, 0001218113,
 0001218114, 0001218115
Total length 180.00, **Thread size** M6,
Thread size/ rear M6


139553 Through Bolt

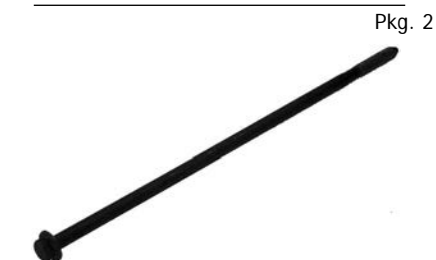
Replacing: 2003450032, 2003410077
Servicing: 0001364100, 0001364101,
 0001364102, 0001364103, 0001364104,
 0001364105, 0001364200, 0001364201,
 0001364203, 0001364205
Total length 218.00,
Length/ rear collar 214.45,
Thread length 22.80, **Thread size** M6



Pkg. 2

139991 Through Bolt

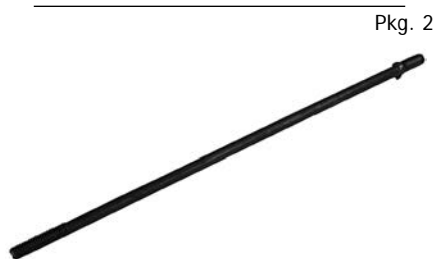
Replacing: 1003527151
 Servicing: 0001107043, 0001107087, 0001108087, 0001108106, 0001108143, 0001113010, 0001113017, B001111361
 Total length 136.00/153.00,
 Thread size M5, Thread size/ rear M6



Pkg. 2

230453 Through Bolt

Replacing: 1003450053, 1003450028, 1003450012
 Servicing: 0001109069, 0001109070, 0001109252, 0001109262, 0001109263, 0001109264, 0001109271, 0001109272, 0001109273, 0001109274
 Total length 165.00,
 Length/ rear collar 161.55,
 Thread length 20.35, Thread size M5



Pkg. 2

230615 Through Bolt

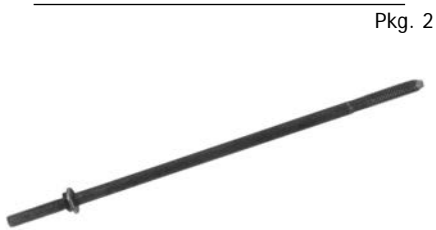
Replacing: 2003526045, 2003526032
 Servicing: 0001372001, 0001372002, 0001372003, 0001372004, 0001372005, 0001372006, 0001372007, 0001372008, 0001413001, 0001413003
 Total length 215.00, Thread size M6,
 Thread size/ rear M6



Pkg. 2

230701 Through Bolt

Replacing: 1003450030, 1003450014
 Servicing: 0001106011, 0001106016, 0001106020, 0001107003, 0001107004, 0001107007, 0001107008, 0001107009, 0001107010, 0001107011
 Total length 119.55,
 Length/ rear collar 115.00,
 Thread length 18.35, Thread size M5



Pkg. 2

230702 Through Bolt

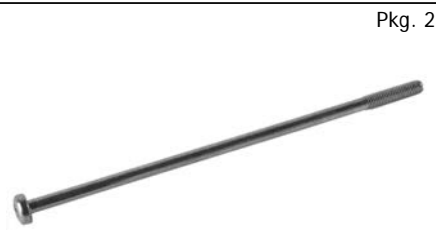
Replacing: 1003527038
 Servicing: 0001107054, 0001107055, 0001107068, 0001107069, 0001107073, 0001107074
 Total length 164.00, Thread size M5,
 Thread size/ rear M5



Pkg. 2

230708 Through Bolt

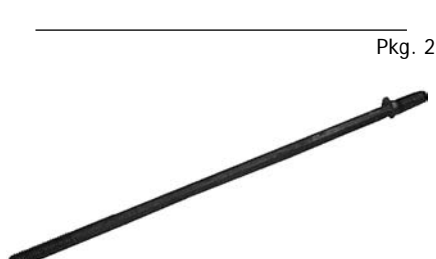
Replacing: 1003450050, 1003450029, 1003450018
 Servicing: 00010DB98E, 0001108156, 0001108157, 0001108162, 0001108166, 0001108167, 0001108169, 0001108171, 0001108172, 0001108173
 Total length 150.00,
 Length/ rear collar 149.00,
 Thread length 19.90, Thread size M5



Pkg. 2

230726 Through Bolt

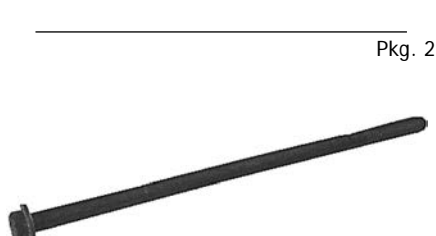
Replacing: 9001333446, 6033AC3116, 2003415011, 2003415003
 Servicing: 0001230001, 0001230002, 0001230003, 0001230004, 0001230005, 0001230006, 0001230007, 0001230008, 0001230009, 0001230010
 Total length 175.00,
 Length/ rear collar 170.00,
 Thread length 25.60, Thread size M6



Pkg. 2

230730 Through Bolt

Replacing: 2003526044, 2003526023
 Servicing: 0001362001, 0001362002, 0001362003, 0001362004, 0001362005, 0001362006, 0001362008, 0001362009, 0001362010, 0001362012
 Total length 181.00, Thread size M6,
 Thread size/ rear M6



Pkg. 2

230772 Through Bolt

Replacing: 1003450052, 1003450042, 1003450015
 Servicing: 0001106011, 0001106015, 0001106018, 0001106019, 0001106403, 0001106404, 0001106405, 0001106406, 0001106407, 0001106409
 Total length 119.00,
 Length/ rear collar 118.65,
 Thread length 19.00, Thread size M5

Pkg. 5


231018 Through Bolt

Replacing: 2003526008

 Servicing: 0001413001, 0001413003,
0001413004, 0001413005, 0001413006,
0001413007, 0001413008, 0001413009,
0001413010, 0001413011

 Total length 162.00, Thread size M6,
Thread size/ rear M6

Pkg. 5


231019 Through Bolt

Replacing: 2003526015

 Servicing: 0001411017, 0001411026,
0001416061, 0001416065, 0001417001,
0001417002, 0001417005, 0001417006,
0001417007, 0001417008

 Total length 182.00, Thread size M6,
Thread size/ rear M6

Pkg. 5


231020 Through Bolt

Replacing: 2003526018

 Servicing: 0001411017, 0001411026,
0001416061, 0001416065, 0001417001,
0001417002, 0001417005, 0001417006,
0001417007, 0001417008

 Total length 231.00, Thread size M6,
Thread size/ rear M6

Pkg. 5


231022 Through Bolt

Replacing: 9001333441, 9001333417

 Servicing: 0001218004, 0001218005,
0001218008, 0001218012, 0001218013,
0001218016, 0001218017, 0001218018,
0001218021, 0001218022

 Total length 160.00,
Length/ rear collar 15.45,
Thread length 16.55, Thread size M6

Pkg. 5


231173 Through Bolt

Replacing: 1003527037, 1003527024

 Servicing: 0001108167, 0001110009,
0001110010, 0001110026, 0001110027,
0001110053, 0001110060, 0001110065,
0001110066, 0001110067

 Total length 162.00/182.00,
Thread size M5, Thread size/ rear M5

Pkg. 2


231259 Through Bolt

 Replacing: 1003450054, 1003450041,
1003450023

 Servicing: 0001108208, 0001108209,
0001108211, 0001108212, 0001109034,
0001109204, 0001109340, 0001109341,
0001109355, 0001109356

 Total length 160.00,
Length/ rear collar 155.35,
Thread length 20.20, Thread size M5

Pkg. 2


231277 Through Bolt

Replacing: 2003415001

 Servicing: 0001370003, 0001370004,
0001371004, 0001371005, 0001371006,
0001371007, 0001371008, 0001371009,
0001371010, 0001371012

 Total length 204.00,
Length/ rear collar 203.75,
Thread length 26.00, Thread size M6

Pkg. 10


231627 Through Bolt

Replacing: 2123410003

 Servicing: 0120689519, 0120689529,
0120689536, 0120689537, 0120689544,
0120689547, 0120689554, 0120689556,
0120689560, 0120689589

 Total length 186.10,
Length/ rear collar 180.20,
Thread length 23.35, Thread size M6

Pkg. 10


231654 Through Bolt

Replacing: 1003527114

 Servicing: 0001311100, 0001311103,
0001311104, 0001311108, 0001311110,
0001311111, 0001311112, 0001311113,
0001311114, 0001311125

 Total length 149.00/166.00,
Thread size M6, Thread size/ rear M6

Pkg. 2



231708 Through Bolt

Replacing: 2003526042
 Servicing: 0001358020, 0001358047,
 0001369001, 0001369005, 0001369006,
 0001369007, 0001369012, 0001369014,
 0001369015, 0001369016

Total length 175.00/192.00,
 Thread size M6, Thread size/ rear M6

Pkg. 10



234050 Through Bolt

Replacing: 1003527158, 1003527043,
 1003527036

Servicing: 0001107076, 0001108011,
 0001108172, 0001108199, 0001108411,
 0001108412, 0001109011, 0001109015,
 0001109033, 0001109042

Total length 150.00/168.00,
 Thread size M5, Thread size/ rear M6

Pkg. 10



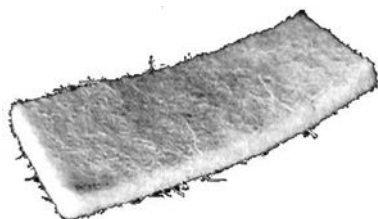
235686# Through Bolt

Replacing: F00MA45229
 Servicing: 0124515043

Total length 159.50,
 Length/ rear collar 154.00,
 Thread length 31.38,
 Thread size M6x1.00

Various

Pkg. 10



130909 Felt

Replacing: 2001005021

Servicing: 0001402055, 0001402059,
 0001402075, 0001402081, 0001402083,
 BNG4/24, BNG4/24CR231, BNG4/24CRS162,
 BNG4/24CRS163

Pkg. 10



131450 Spring

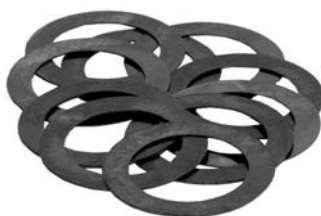
Replacing: 2004650030, 2000650030

Servicing: 0001410015, 0001410016,
 0001410017, 0001410018, 0001410019,
 0001410021, 0001410022, 0001410023,
 0001410024, 0001410025

OD 36.70

Dust cover: HC-CARGO 131449.

Pkg. 10



131453 Washer

Replacing: 2000102622, 2000102621,
 2000102620

Servicing: 0001410015, 0001410016,
 0001410017, 0001410019, 0001410021,
 0001410022, 0001410024, 0001410029,
 0001410035, 0001410037

ID 22.00, OD 31.95, Thickness 0.30,
 Material Steel



131454 Clutch Housing

Replacing: 2005825077

Servicing: 0001410015, 0001410016,
 0001410017, 0001410018, 0001410019,
 0001410021, 0001410022, 0001410023,
 0001410024, 0001410025

Dist./ mount. holes 10.35,
 OD 39.80, No./ mount. holes 4

Pkg. 5



131841 Key

Replacing: 1902300090

Servicing: 0001410015, 0001410016,
 0001410017, 0001410018, 0001410019,
 0001410021, 0001410022, 0001410023,
 0001410024, 0001410025

Length 31.80, Thickness 4.00,
 Width 6.00

Pkg. 10



132203 Washer

Replacing: 2000101600

Servicing: 0001367302, 0001401044,
 0001401046, 0001401049, 0001401050,
 0001401067, 0001401069, 0001401071,
 0001401073, 0001402018

ID 14.20, OD 22.00, Thickness 0.50,
 Material Steel

Pkg. 10


132207 Fibre Washer

Replacing: 2000107000

 Servicing: 0001401044, 0001401046,
0001401049, 0001401050, 0001401067,
0001401069, 0001401071, 0001401073,
0001402018, 0001402050

 ID 17.30, OD 34.00, Thickness 1.50,
Material Fiber

Pkg. 10


132208 Washer

Replacing: 2000108021

 Servicing: 0001401044, 0001401046,
0001401049, 0001401050, 0001401067,
0001401069, 0001401071, 0001401073,
0001402008, 0001402018

 ID 16.00, OD 24.00, Thickness 2.80,
Material Fiber

Pkg. 10


132222 Spring

Replacing: 2004641000

 Servicing: 0001359045, 0001359069,
0001401044, 0001401046, 0001401049,
0001401050, 0001401067, 0001401069,
0001401071, 0001401073

OD 40.35

Dust cover: HC-CARGO 132296.

Pkg. 10


132982 Plug

Replacing: 2916090013

 Servicing: 0001372001, 0001372002,
0001372003, 0001372004, 0001372005,
0001372006, 0001372007, 0001372008,
0AA137200B, 0AA137200F

OD 26.00, Height 1.85


133603 Terminal Bolt

 Replacing: 2003590004, 2003590003,
2001030031

 Servicing: 0001410065, 0001410067,
0001411017, 0001411025, 0001411026,
0001411027, 0001416002, 0001416010,
0001416023, 0001416038

 Total length 122.25, Thread length 34.10,
Thread size M12
Terminal 30.

Pkg. 10


134372 Felt

Pkg. 100


134769 Washer

 ID 22.30, OD 27.20, Thickness 1.60,
Material Fiber

Pkg. 10


134771 Gasket

 Length 15.70, Thickness 8.55,
Width 13.65 mm

Pkg. 10


134772 Bushing

Replacing: 1000301029

 Servicing: 0001107066, 0001107089,
0001107411, 0001107490, 0001107491,
0001108202, 0001108204, 0001108224,
0001108234, 0001108235

 ID 8.60, OD 11.00, Length 10.95
D.E. bracket: HC-CARGO 136289.

Pkg. 5


134958 Insulator

 Servicing: 0001208506, 0001208510,
0001208513, 0001208514, 0001208515,
0001208516, 0001208517, 0001208518,
0001208519, 0001208520

Pkg. 5


134959 Insulator

 Servicing: 0001312108, 0001312109,
0001317007, 0001317008, 0001317009,
0001317010, 0001317011, 0001317012,
0001317013, 0001317016

Pkg. 5



135050 Grommet

Servicing: 0001108143, 0001208506, 0001208513, 0001208514, 0001208515, 0001208516, 0001208517, 0001208518, 0001208519, 0001208520

Pkg. 10



135051 Grommet

Servicing: 0001107003, 0001107004, 0001107005, 0001107006, 0001107007, 0001107008, 0001107009, 0001107012, 0001107013, 0001107014

Pkg. 10



135052 Grommet

Servicing: 0001106019, 0001107014, 0001108061, 0001108123, 0001108125, 0001108197, 0001109040, 0001110001, 0001110002, 0001110003
Dim. A 20.00, Dim. C 16.55

Pkg. 10



135053 Grommet

Servicing: 0001108001, 0001108002, 0001108004, 0001108009, 0001108010, 0001108018, 0001108019, 0001108023, 0001108033, 0001108035

Pkg. 10



135055 Grommet

Servicing: 0001312108, 0001312109, 0001317007, 0001317008, 0001317009, 0001317010, 0001317011, 0001317012, 0001317016, 0001317017

Dim. A 23.65, Dim. B 19.35, Dim. D 6.22

Pkg. 10



135060 Felt

Pkg. 100



135195 Lock Washer

ID/ housing 8.00, OD/ housing 15.00, Thickness 3.90, Material Steel

Pkg. 10



135259 Grommet

Servicing: 0001208172, 0001208202, 0001208203, 0001208205, 0001208211, 0001208214, 0001208223, 0001208224, 0001208229, 0001208232

Dim. A 10.20, Dim. C 25.50

Pkg. 10



135291 Brake Washer

ID 12.50, OD 23.00, Thickness 1.90

Pkg. 10



135302 Insulator

ID 11.60, OD 17.50, Height 8.00

Pkg. 5



135397 Spring

Replacing: 2004650035, 1004617004

Servicing: 0001212005, 0001212006, 0001212007, 0001212008, 0001212011, 0001212012, 0001212200, 0001212202, 0001212204, 0001212206

OD 29.15

Dust cover: HC-CARGO 136791.

Pkg. 10



135522 Washer

ID 19.50, OD 33.00, Thickness 0.50, Material Fiber



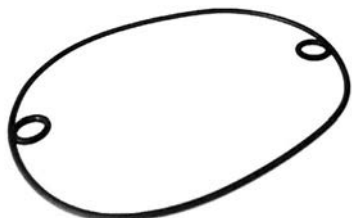
135523 Washer
ID 19.50, OD 33.00, Thickness 1.50,
Material Fiber

Pkg. 10



135576 Rubber Boot
Replacing: 1330503703, 1330503702
Servicing: 0001107049, 0001360022,
0001360023, 0001360036, 0001360037,
0001360049, 0001360052, 0001360065,
0001362039, 0001362105
ID 13.45, Thickness 27.40,
Material Rubber
Solenoid: HC-CARGO 131053, 131141.

Pkg. 5



135580 Gasket
Replacing: 2000290012
Servicing: 0001362321, 0001362331,
0001363128, 0001363130, 0001367036,
0001367038, 0001367046, 0001367051,
0001367054, 0001367057
Thickness 1.20, Material Rubber

Pkg. 5



135634 Brake Washer
Servicing: 0001114014, 0001114020,
0001114021, 0001211228, 0001211246
ID 15.50, OD 23.00, Thickness 2.10

Pkg. 10



135637 Lock Ring
Servicing: 0001212005, 0001212006,
0001212007, 0001212008, 0001212012,
0001212206, 0001212207, 0001212208,
0001212209, 0001212211
OD/ housing 37.60, Thickness 1.50

Pkg. 10



135645 Screw
Replacing: 9001140194, 2910960285,
2003429060, 2003429057, 2003429055
Servicing: 0001157021, 0001218006,
0001218011, 0001218012, 0001218013,
0001218014, 0001218018, 0001218019,
0001218021, 0001218022
Thread M10, Total length 16.70,
Thread length 11.00

Pkg. 10



135846 Retaining Ring
Servicing: 0001106405, 0001106406,
0001107007, 0001107008, 0001107031,
0001107049, 0001107401, 0001107402,
0001107403, 0001107404
Stop collar: HC-CARGO 137742.

Pkg. 10



135847 Retaining Ring
Servicing: 0001106011, 0001106012,
0001106014, 0001106015, 0001106016,
0001106017, 0001106018, 0001106019,
0001106022, 0001106023
Thickness 2.00, Material Steel
Stop collar: HC-CARGO 137742.

Pkg. 10



135848 Stop Collar
Servicing: 0001106405, 0001106406,
0001107007, 0001107008, 0001107031,
0001107049, 0001107066, 0001107401,
0001107402, 0001107403
ID 11.00, OD 16.70, Height 4.70

Pkg. 5



135876 Screw
Replacing: 9001140371, 2910961287,
2003429059, 2003429058
Servicing: 0001218002, 0001218003,
0001218004, 0001218005, 0001218006,
0001218007, 0001218008, 0001218009,
0001218010, 0001218011
Thread M10, Total length 17.90,
Thread length 14.00, Slot type Torx,
Countersink No

Pkg. 10

Pkg. 10



136169 Nut
Replacing: 2003315040, 2003315004,
2003315002
Servicing: 0001410015, 0001410016,
0001410024, 0001410029, 0001410037,
0001410041, 0001410046, 0001410053,
0001410062, 0001410063
Thread M10, OD 17.00, Lock nut Yes

Pkg. 5



136237 Washer
Replacing: 2000101015, 2000101014
Servicing: 0001359023, 0001359031,
0001359035, 0001359050, 0001359051,
0001359054, 0001359059, 0001359066,
0001359089, 0001359092
ID 19.50, OD 35.00, Thickness 2.50,
Material Steel



Pkg. 5

136273 Gasket

ID 28.00, ID/ mount. hole 6.15,
OD 54.50, Thickness 1.30,
No./ mount. holes 5



Pkg. 10

136274 Gasket

Servicing: M50
Length 75.00, Thickness 0.55,
Width 8.00 mm



Pkg. 5

136278 Gasket

Servicing: JF, JD series
Length 315.00, Thickness 0.45,
Width 38.00 mm



Pkg. 5

136281 Gasket

Length 300.00, Thickness 0.40,
Width 17.50 mm



Pkg. 25

136306 Insulator Bushing

ID 4.00, OD 6.00, Length 7.90



Pkg. 25

136307 Washer

ID 4.15, OD 13.00, Thickness 1.45,
Material Fiber



Pkg. 10

136308 Washer

Servicing: 0001107015, 0001107044,
0001108048, 0001108121, 0001108126,
0001108136, 0001108153, 0001108159,
0001109034, 0001109252

ID 10.00, OD 24.20, Thickness 2.00,
Material Fiber



Pkg. 5

136437 Pivot Pin

Replacing: 1003450003
Servicing: 0001157006, 0001157015,
0001157023, 0001157025, 0001157026,
0001157028, 0001157029, 0001204102,
0001208019, 0001208020
Total length 36.25,
Length/ rear collar 32.00,
Thread length 8.60, Thread size M6



Pkg. 1000

136653 Gasket

ID 10.20, OD 15.45, Thickness 1.00
For M10 bolt.



136696 Gasket

Replacing: 1330290700
Servicing: 0001420001, 0001420002,
0001420003, 0001420004, 0001420005,
0001420006, 0001420007, 0001420008,
0001420009, 0001420010
ID 64.20, OD 81.90, Thickness 8.45,
Material Rubber



136697 Washer

Replacing: 2000112007
Servicing: 0001420001, 0001420002,
0001420003, 0001420004, 0001420005,
0001420006, 0001420007, 0001420008,
0001420009, 0001420010
ID 21.50, OD 50.20, Thickness 5.00,
Material Plastic



Pkg. 25

136735 Insulator Bushing

ID 4.00, OD 6.50, Length 6.90

Pkg. 10



136765 Terminal Lead
ID 8.45, Lead length 49.00

Pkg. 5



136971 Washer

Replacing: 2000101093

Servicing: 0001211525, 0001211526, 0001211529, 0001211530, 0001401044, 0001401046, 0001401049, 0001401050, 0001401067, 0001401069

ID 12.20, OD 21.30, Thickness 2.00, Material Steel



136973 Cover Fastening Kit

For FKB.



137029 Terminal Bolt

Replacing: 2004449088

Servicing: 0001107100, 0001107101, 0001107108, 0001417065, 0001417069, 0001417076, B001411400

Total length 91.75, Thread length 34.40, Thread size M12, Terminal 31.

Pkg. 5



137172 Stop Collar

Replacing: 2000500018

Servicing: 0001212005, 0001212006, 0001212007, 0001212008, 0001212011, 0001212012, 0001212200, 0001212202, 0001212204, 0001212206

ID 27.50, OD 45.20, Height 5.00

Pkg. 5



137176 Washer

Replacing: 1000102005

Servicing: 0001212005, 0001212006, 0001212007, 0001212008, 0001212011, 0001212012, 0001212200, 0001212202, 0001212204, 0001212206

ID/ housing 27.20, OD/ housing 36.70, Thickness 0.50, Material Steel

Pkg. 10



137614 Screw

Replacing: 2910551240

Servicing: 0001410025, 0001410082, 0001501001, 0001501003, 0001501005, 0001501006, 0001501014, 0001501015, 0001501019, 0001501020

Thread M8, Total length 18.00, Thread length 14.00

Pkg. 10



137721 Washer

ID 32.00, OD 48.00, Thickness 1.00, Material Plastic

Pkg. 5



137742 Stop Collar

Replacing: 1000202003

Servicing: 00010DB98E, 0001107105, 0001107110, 0001107111, 0001107450, 0001107451, 0001107461, 0001107462, 0001107508, 0001107509

ID 12.00, OD 17.80, Height 4.70, Retaining ring: HC-CARGO 135847.

Pkg. 5



137744 Retaining Ring

Servicing: 0001223504, 0001230002, 0001230006, 0001230009, 0001230012, 0001230014, 0001231002, 0001231003, 0001231004, 0001231005

Thickness 2.30, Material Steel, Stop collar: HC-CARGO 137746.

Pkg. 100



137745 Stop Collar

Servicing: 0001107094, 0001107095, 0001110041, 0001110126, 0001110127, 0001110138, 0001110139, 0001114014, 0001114020, 0001208019

ID 12.00, OD 17.20, Height 5.50, Retaining ring: HC-CARGO 135847.

Pkg. 10



137746 Stop Collar

Replacing: 0001223504, 0001230002, 0001230006, 0001230009, 0001230012, 0001230014, 0001231002, 0001231003, 0001231004, 0001231005

ID 14.25, OD 22.00, Height 5.50
Retaining ring: HC-CARGO 137744.

Pkg. 5



137827 Terminal Switch

Replacing: 1004483006, 1004483002
Servicing: 0001107031, 0001107049, 0001108123, 0001108160, 9007045009, 9007045020, B001111412
Total length 37.20



137956 Terminal B+

Replacing: 1003480001
Servicing: 0001108123, B001111412
Total length 49.70, Thread length 12.78,
Thread size M8x1.25
B+.

Pkg. 5



138219# Washer

OD 19.90, Thickness 2.00, Material Steel

Pkg. 5



138220# Washer

OD 23.75, Thickness 2.00, Material Steel

Pkg. 10



138328 Screw

Replacing: 2003429051, 2003429021
Servicing: 0001211206, 0001223001, 0001223004, 0001223022, 0001223104, 0001230027, 0001231005, 0001359008, 0001359014, 0001359016

Thread M5, Total length 34.90,
Thread length 10.55

Pkg. 10



138329 Screw

Replacing: 2003429073, 2003429053, 2003429022

Servicing: 0001107041, 0001223503, 0001223504, 0001223505, 0001230013, 0001230015, 0001230016, 0001230023, 0001230026, 0001230028

Thread M5, Total length 45.00,
Thread length 9.60

Pkg. 5



138430 Terminal Lead

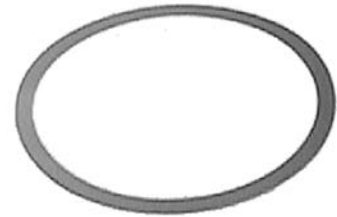
Servicing: 2004114065
Lead length 107.00
Field coil: HC-CARGO 131074, 131134.



138683 Stop Collar Kit

Servicing: 1108, 0001107014, 0001107015, 0001107044, 0001108003, 0001108004, 0001108018, 0001108019, 0001108021, 0001108023

Pkg. 10



138788 Gasket

ID 45.00, OD 51.00, Thickness 0.50

Pkg. 10



138835 Screw

Replacing: 2005429055
Servicing: 0001208206, 0001218008, 0001218145, 0001359012, 0001359014, 0001359016, 0001359027, 0001359046, 0001359074, 0001359078

Thread M10, Total length 17.95,
Thread length 13.00

Pkg. 5



139006# Gasket

Replacing: 1002391009
Servicing: 0001208211, 0001211228, 0001211246, 0001311043, 0001311100, 0001311110, 0001311111, 0001311131, 0001311150, 0001311152

Length 17.30, Thickness 13.35,
Width 18.35 mm, Material Rubber


139050 Friction Washer

Replacing: 2000101042

Servicing: 0001420001, 0001420002, 0001420003, 0001420004, 0001420005, 0001420006, 0001420007, 0001420008, 0001420009, 0001420010

ID 19.70, OD 30.00, Thickness 1.50, Material Steel

Pkg. 25


139115 Screw

Replacing: 9001333409, 1004421020, 1003421016, 1003421014, 1003421013, 1003421011, 1003421010, 1003421008

Servicing: 00010DB98E, 0001106011, 0001106012, 0001106014, 0001106015, 0001106016, 0001106017, 0001106018, 0001106019, 0001106020

Thread M5, Total length 33.25, Thread length 10.70

Fixing screw for solenoid.

Pkg. 10


139157 Fiber Washer

Replacing: 2000113000

Servicing: 0001354077, 0001354082, 0001354089, 0001354091, 0001354100, 0001358040, 0001358047, 0001358048, 0001359102, 0001362001

ID 20.15, OD 36.25, Thickness 2.00, Material Fiber


139303 Screw

Replacing: 2003410019

Servicing: 0001208211, 0001212206, 0001212207, 0001314002, 0001359002, 0001359003, 0001359010, 0001359027, 0001359033, 0001359040

Thread M5, Total length 36.45, Thread length 10.55

Fixing screw for solenoid.

Pkg. 10


139339 Cup Washer

Replacing: 2000500084

Servicing: 0001203008, 0001203010, 0001204002, 0001204005, 0001208516, 0001208707, 0001308001, 0001308006, 0001308007, 0001401044

ID 6.50, OD 15.00, Thickness 0.90, Coating Zinc plated, Material Metal

Pkg. 10


139340 Gasket

Replacing: 2000109008, 2000109007

Servicing: 0001401044, 0001401046, 0001401049, 0001401050, 0001401067, 0001401069, 0001401071, 0001401073, 0001402018, 0001402050

ID 6.60, OD 12.20, Thickness 2.55, Material Plastic

Pkg. 10


139343 Terminal Lead

ID 8.00, Lead length 28.00

Pkg. 10


139358 Retaining Flange

Replacing: 2000220099

Servicing: 0001362092, 0001362096, 0001362601, 0001363120, 0001363122, 0001363128, 0001363130, 0001368001, 0001368007, 0001368035

Thickness 3.25,

No./ mount. holes 2, Gasket w/o


139360 Terminal Bolt

Replacing: 2001030032

Servicing: 0001410024, 0001410088, 0001411009, 0001416002, 0001416012, 0001416043, 0001416074, 0001416078, 0001416079, 0001417064

Total length 122.60, Thread length 34.60, Thread size M12

Terminal 30.

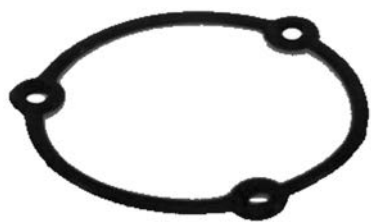
Pkg. 10


139362 Mounting Ring

Replacing: 1000134003, 1000134001

Servicing: 0001107049, 0001108188, 0001108190, 0001108405, 0001108406, 0001109033, 0001109041, 0001109330, 0001109331, 0001109369

ID 34.55, OD 52.00, Height 3.35



Pkg. 10

139633 Gasket

ID 44.00, ID/ mount. hole 4.80,
OD 49.25, Thickness 1.30,
No./ mount. holes 3, Material Rubber

Pkg. 5



139810 Brake Washer

Replacing: 2000112008
Servicing: 0001370001, 0001370002,
0001370003, 0001370004, 0001371001,
0001371004, 0001371005, 0001371006,
0001371007, 0001371008
ID 21.30, OD 49.30, Thickness 3.20



139812 Lock Ring

Replacing: 1000328001
Servicing: 0001212204, 0001212205,
0001212206, 0001212207, 0001212208,
0001212209, 0001212210, 0001212211,
0001212212, 0001212213
ID 24.20, OD 49.50, Height 22.50

Pkg. 10



139813 Steel Ball

Replacing: 1903230007
Servicing: 0001212001, 0001212003,
0001212005, 0001212006, 0001212007,
0001212008, 0001212011, 0001212012,
0001212200, 0001212202
OD 4.00, Material Steel



139962 Terminal Bolt

Replacing: 2001030034, 2001030033
Servicing: 0001410037, 0001413017,
0001414003, 0001414010, 0001414011,
0001415002, 0001415007, 0001415016,
0001415017, 0001416001
Total length 125.90, Thread length 33.45,
Thread size M10
Terminal 30.

Pkg. 100



190510 Hex Screw

Replacing: 2911061301, 2003450040
Servicing: 0001410015, 0001410016,
0001410017, 0001410018, 0001410026,
0001410029, 0001410032, 0001410033,
0001410034, 0001410035
Thread M10x50.00, Spanner size 17.00,
Length 50.00, DIN norm 931,
ISO Norm 4014

Pkg. 200



192752 Bolt

Replacing: 2911051281
Servicing: 0001370003, 0001370004,
0001371004, 0001371005, 0001371006,
0001371007, 0001371008, 0001371009,
0001371010, 0001371012
Thread M10, Spanner size 17.00,
Length 12.00, DIN norm 933,
ISO Norm 4017



230089 Solenoid Parts Kit

Replacing: 2337010006
Servicing: 0001362001, 0001362002,
0001362003, 0001362004, 0001362016,
0001362027, 0001362028, 0001362029,
0001362030, 0001362038

Pkg. 10



230104 Terminal Lead

Servicing: 0001121018, 0001121019,
0001121024, 0001121025
ID 8.00, Lead length 23.00

Pkg. 10



230373 Rubber Drain

Replacing: 1000306002
Servicing: 0001108188, 0001112018,
0001223013, 0001223501, 0001230001,
0001230003, 0001230004, 0001230005,
0001230006, 0001230007
OD 5.20, Length 30.00

Pkg. 10



230501 Screw

Replacing: 2910550282, 2910480282
Servicing: 0001203008, 0001203009,
0001203010, 0001204002, 0001204005,
0001204006, 0001204102, 0001207001,
0001207003, 0001207005
Thread M10, Total length 12.15,
Thread length 7.85

Pkg. 5


230632 Brake Washer

Replacing: 2000112027

 Servicing: 0001370001, 0001370002,
0001370003, 0001370004, 0001371001,
0001371004, 0001371005, 0001371006,
0001371007, 0001371008

 ID 22.70, OD 37.80, Thickness 3.30,
Material Fiber

230633 Terminal B+ Strap

Replacing: 1001090036

 Servicing: 0001125501, 0001125502,
0001125511, 0001125512, B001126081

 ID/ mount. hole M8, Length 17.10/99.60
Terminal 30.

230839# Connection

Replacing: 2001390135

 Servicing: 0001370003, 0001370004,
0001371004, 0001371005, 0001371006,
0001371007, 0001371008, 0001371009,
0001371010, 0001371012

 Mount. hole 11.30/16.75,
Mount. hole 2 13.20/18.20,
Total length 50.70

Connecting field coil to solenoid.


230845 Washer Kit

Replacing: 2007010132

 Servicing: 0001370003, 0001370004,
0001371004, 0001371005, 0001371006,
0001371007, 0001371008, 0001371009,
0001371010, 0001371012

Pkg. 2


231021 Threaded Pin

Replacing: 2003527040

 Servicing: 0001410015, 0001410016,
0001410017, 0001410019, 0001410021,
0001410022, 0001410024, 0001410029,
0001410035, 0001410037

 Total length 69.50, Thread length 14.45,
Thread size M8

231055 Terminal Lead

Replacing: 2004438000

 Servicing: 0001410016, 0001410017,
0001410019, 0001410021, 0001410022,
0001410024, 0001410029, 0001410035,
0001410037, 0001410041

Total length 132.00

Pkg. 10


231056 Terminal Lead

Replacing: 2004438002

 Servicing: 0001410019, 0001410022,
0001410024, 0001410037, 0001410049,
0001410050, 0001410068, 0001410069,
0001410075, 0001410077

Total length 116.00

Pkg. 5


231135 Retainer

 Servicing: 0001330008, 0001359019,
0001359038, 0001359083, 0001359107,
0001359108, 0001359111, 0001360010,
0001360012, 0001360014

ID/ housing 10.70, OD/ housing 27.00

Pkg. 10


231176 Screw

Replacing: 2914501038

 Servicing: 0001370003, 0001370004,
0001371004, 0001371005, 0001371006,
0001371007, 0001371008, 0001371009,
0001371010, 0001371012

 Thread M5, Total length 15.70,
Thread length 11.50

Pkg. 10


231275 Bolt

Replacing: 2003526051

 Servicing: 0001370003, 0001370004,
0001371004, 0001371006, 0001371008,
0001371018, 0001371019, 0001371020,
0001371120

 Total length 39.00, Thread size M10,
Thread size/ rear M10

Pkg. 5



231553 Rubber Boot

Replacing: 9001371006, 0001372002, 0001372003, 0001372005, 0001372006, 0001372007, 0001372008, 0331403003, 0331403004, 2339403006

ID 22.45, OD 61.65, Length 25.60
Solenoid: HC-CARGO 131053, 131141.

Pkg. 10



231596 Solenoid Screw

Replacing: 9001333448, 6033ac4017, 2003429072, 1003421015

Servicing: 0001106014, 0001106407, 0001106409, 0001106410, 0001107003, 0001107004, 0001107007, 0001107008, 0001107020, 0001107021

Thread M5, Total length 35.60,
Thread length 9.80, Slot type Torx,
Countersink Yes

Pkg. 10



231646 Bolt

Replacing: 2914551013

Servicing: 0001371004, 0001371006, 0001410015, 0001410016, 0001410017, 0001410019, 0001410022, 0001410024, 0001410035, 0001410037

Total length 16.00,
Length/ rear collar 13.85,
Thread length 13.85, Thread size M5

Pkg. 10



231647 Rubber Drain

Replacing: 6033ac1622, 6033ac1436, 6033ac0250

Servicing: 0001218110, 0001218135, 0001218136, 0001218137, 0001218602, 0001218620, 0001218703, 0001218710, 0001218711, 0001218712

OD 5.65, Length 31.10



232189 Felt

Replacing: 2000205001

Servicing: 0001364100, 0001364101, 0001364102, 0001364104, 0001364105, 0001364106, 0001364200, 0001364201, 0001364202, 0001364203

Pkg. 10



232978 Washer

Servicing: 0001230006, 0001230012, 0001230014, 0001231002, 0001231003, 0001231004, 0001231008, 0001231009, 0001231011, 0001231013

ID 8.00, OD 17.00, Thickness 0.30,
Material Metal

Pkg. 10



233573 Spacer

Replacing: 1000516007, 1000516004

Servicing: 0001107012, 0001107013, 0001107018, 0001107041, 0001107043, 0001107047, 0001107076, 0001108011, 0001108021, 0001108042

ID 5.30, OD 19.70, Height 6.00

Pkg. 10



233631 Screw

Replacing: 9001333449, 9001333435

Servicing: 0001218137, 0001218139, 0001218143, 0001218144, 0001218168, 0001218170, 0001218171, 0001218172, 0001218173, 0001218178

Thread M5, Total length 40.00,
Thread length 9.60, Slot type Phillips,
Pozidriv, Countersink Yes



233928 Terminal Bolt

Replacing: 2004449000

Servicing: 0001410019, 0001410022, 0001410023, 0001410024, 0001410025, 0001410036, 0001410037, 0001410038, 0001410050, 0001410055

Total length 91.50, Thread length 34.75,
Thread size M10
Terminal 31.

Pkg. 10



233929 Lock Washer

ID/ housing 10.20,
OD/ housing 20.55, Thickness 5.35,
Type Lock washer, Material Steel
Rod: HC-CARGO 134441.

Pkg. 10



233930 Nut

Thread M10, OD 16.85, Lock nut No
Rod: HC-CARGO 134441.

Pkg. 5


234078 Washer

Replacing: 2000101034

 Servicing: 0001359111, 0001362039,
0001364102, 0001364200, 0001364203,
0001364301, 0001367077, 0001368016,
0001368024, 0001368038

 ID 14.00, OD 40.00, Thickness 0.50,
Material Steel

Pkg. 10


234487 Brake Washer

ID 15.50, OD 23.00, Thickness 1.00


234786 Bolt

Replacing: 2003527023

 Servicing: 0001371010, 0001371013,
0001371015, 0001371016, 0001371018,
0001372002, 0001372003, 0001372007,
0001372008, B001860021

 Total length 20.00, Thread size M5,
Thread size/ rear M5

234787 Cover

Replacing: 2000516014

 Servicing: 0001371010, 0001371013,
0001371015, 0001371016, 0001371018,
0001372002, 0001372003, 0001372007,
0001372008, B001860021

ID 37.60, Height 62.05

Pkg. 5


234885# Gasket

Servicing: 0001116001

Width 7.76/5.01 mm


235295 Pin

Replacing: 2917570195

 Servicing: 0001107076, 0001108107,
0001108123, 0001108153, 0001108166,
0001108167, 0001108189, 0001108402,
0001108411, 0001108412

OD 10.00, Length 19.50

Pkg. 10


235461 Spacer

 Servicing: 0001107076, 0001108166,
0001108167

ID 9.96, OD 5.37, Height 7.49

Pkg. 10


235761 Gasket

 Servicing: 0001106015, 0001107098,
0001107401, 0001107402, 0001107404,
0001107405, 0001107409, 0001107429,
0001107435, 0001107436

 ID 46.12, OD 54.00, Thickness 6.15,
No./ mount. holes 0, Type Starter,
Material Rubber

Pkg. 10


236456 Grommet

 ID/ mount. hole 3.50, Length 31.65,
Thickness 6.55, Width 20.10 mm,
No./ mount. holes 1, Type Starter,
Material Rubber

237750 Cover for solenoid

 Replacing: 6033AD5334, 6033ac5322,
6033AC5015

 Servicing: 0001241001, 0001241003,
0001241007, 0001241014, 0001241019,
0001241119, 0001261001, 0001261002,
0001261003, 0001261004

OD 111.25, Height 63.20


237770 Nut

Replacing: 6033AC5186

 Servicing: 0001231040, 0001231502,
0001241001, 0001241003, 0001241006,
0001241007, 0001241014, 0001241015,
0001241019, 0001241020

 Thread M10, OD 16.00, Lock nut No
Torx.

Pkg. 5


238957 Bolt

Servicing: 0001368011, 0001368083

 Length/ rear collar 41.50,
Thread length 29.00, Thread size M5,
Thread size/ rear M8



Pkg. 5

238958 Bolt

Servicing: 0001372001, 0001372006, B001960018

Length/ rear collar 40.70,
Thread length 29.50, Thread size M5,
Thread size/ rear M10



Pkg. 5

330515 Gasket

Replacing: XXX1069245, 1001006002

Servicing: 0001109205, 0001109304, 0001109305, 0001109324, 0001109325

Length 60.00, Thickness 5.18,
Width 80.00 mm,
Type Starter, Material Rubber



333480 Protection Cap

Replacing: 2000558001

Servicing: 0136501019, 0136501025, 0136501038, 0136501041, 0136503002, 0136503004, 0136602001

Length 52.50, Thickness 28.00,
Width 27.00 mm



333481 Protection Cap

Replacing: 1339999020

Servicing: 0120600502, 0136500026, 0136500028, 0136501066, 0136501067

Length 57.30, Thickness 25.00,
Width 25.00 mm



Pkg. 5

333580 Rubber Boot

Manufacturer: Bosch

Replacing: 3130558000

Servicing: 0101206151, 0101209031, 0101209041, 0101302029, 0101356006, 0120300535, 0120300552, 0120300562, 0120300567, 0120300575

ID 2 5.70, ID 12.50, OD 11.12,
OD 19.50, Length 42.32,
Thickness 23.00, Width 19.15 mm,
No./ mount. holes 2, Material Rubber
Alternative no.: 333627



Pkg. 5

333583 Rubber Boot

Manufacturer: Bosch

Replacing: 2000558000

Servicing: 0001402018

ID 2 18.25, ID 26.00, OD 24.20,
OD 31.30, Length 67.90,
Thickness 28.80, Width 27.50 mm,
No./ mount. holes 2, Material Rubber



Pkg. 5

333633 Stop Collar

Replacing: 2000328021

Servicing: 0001106011, 0001106012, 0001106014, 0001106015, 0001106016, 0001106017, 0001106018, 0001106019, 0001106022, 0001106023



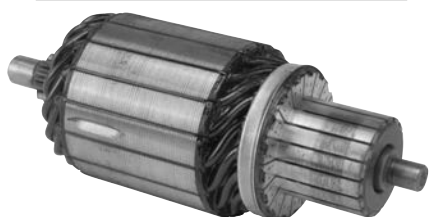
237507 Armature

Replacing: 1231963, 1351989, 1376305, 1385784, 1469721, 2T1411000CB, 2t1411000cc, 3M5T-11000DB, 3M5T11000DC, 4424968, 4m5t11000fa
2.2 kW, Shaft length 146.70, Core thickness 53.80, No./ teeth 10



330929 Armature

Replacing: 1465115, 1529431, 4m5t11000fc, 6g9n11000gc
2.2 kW, Shaft length 146.90, Rotation CR, Core thickness 53.77, No./ teeth 10



332591 Armature

Replacing: 1480550, 6G9N11000EC
2 kW, Shaft length 146.85, Rotation CR, Core thickness 53.80, No./ teeth 11

Yokes w/magnets

12 Volt



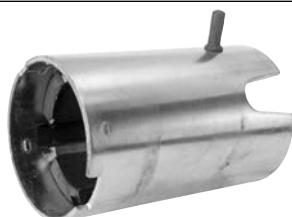
230740 Yoke

Replacing: f7ru11075aa1
Servicing: 1024508, 1027928, 1058429, 1059179, 1073093, 1073108, 1093471, 1105310, 1118336, 1126987, 1133994, 1S4U11000AA
12 V, 2.2 kW, OD/ middle 79.00, Length 128.00, Brush gear w/o, Magnets w/



231145 Yoke

Replacing: E9OZ11075A, e90z11075a
Servicing: 1057652, 1057654, 1057661, 1076141, 1085273, 1087280, 1367529, 1X4U11000AA, 3852582, 4X4U11000AB, 5029143, 6775703
OD/ middle 77.90, Length 97.65, Brush gear w/o, Magnets w/



235791 Yoke

Replacing: 1120215, 1140110, 1151641, 1214371, 1387062, 1450653, 1s7u11000ba, 1s7u11000bb, 1S7U11000BC, 1S7U11000da, 1S7U11000db
12 V, 2.1 kW, OD/ middle 78.70, Length 128.00, Rotation ACR, Magnets w/

Yoke Parts

Magnets

Pkg. 3



136719 Magnet (north)

Replacing: f7pu11000da, f7pz11002da, F87U11000A1A
Length 45.00, Height 8.00, Width 22.00, Pole type North
3 magnets.

Pkg. 3



136720# Magnet (south)

Replacing: f7pu11000da, f7pz11002da, F87U11000A1A
Length 45.00, Height 8.00, Width 22.00, Pole type South
3 magnets.

Magnet Gripper

Pkg. 3



136721 Magnet Gripper

Length 56.85, Thickness 6.20, Width 8.10

Field Cases



231461 Field Case

Replacing: F5TZ11K192A, F4TZ11K192A
12 V, 2.5 kW, OD/ middle 85.40, Length 94.15

Field Coils

12 Volt



135338 Field Coil

Replacing: e3pz11062a
Servicing: 20MT, 27MT
12 V, Height 130.40, Width 243.90, Internal height 100.90, Inner width 31.85

C.E. Brackets



230897 C.E. Bracket

Replacing: 1024508, 1027928, 1058429, 1059179, 1073093, 1073108, 1093471, 1105310, 1118336, 1126987, 1387092, 1480550, 2T1411000CB
Bearing: HC-CARGO 142279.


231142 C.E. Bracket

Replacing: sh223, sh220, f2tz11049b, F2TZ11049A, F2PZ11049A, e90z11049a

Servicing: 1057652, 1057654, 1057661, 1076141, 1085273, 1087280, 1367529, 1X4U11000AA, 3852582, 4X4U11000AB, 5029143, 6775703


232490 C.E. Bracket

Replacing: e5pz11049a

Servicing: e8tf11000aa, f3tu11000aa
ID 84.50


232491 C.E. Bracket

Replacing: f4tz11049a

ID 77.04


235114 C.E. Bracket

Servicing: 1120215, 1140110, 1151641, 1214371, 1387062, 1450653, 1s7u11000ba, 1s7u11000bb, 1S7U11000BC, 2S7T11000DA, 2S7T11000DB

ID 80.00


237612 C.E. Bracket

Servicing: 1449615, 1541002, 4520765, 4529404, 4742541, RYC1U11000AF, yc-1u11000ad, YC1U11000AE, YC1U11000AG
ID 22.00

D.E. Brackets


231152 D.E. Bracket

Replacing: se350, f3rz11130a

Servicing: 1057652, 6775703, 93bb11000hb, 93BB11000HC, f3rz11002a, sa-813

Needle bearing: HC-CARGO 140242.


231153# D.E. Bracket

Replacing: se351, f3rz11130b

Servicing: 1057654, 1087280, 5029143, 6775704, 93bb11000jb, 93BB11000JC, f3rz11002b, R93BB11000JB, R93BB11000JC, sa-814

Needle bearing: HC-CARGO 140242.


231210 D.E. Bracket

Replacing: se352, f3rz11130c

Servicing: 1057661, 1076141, 1085273, 1367529, 1X4U11000AA, 4X4U11000AB, 93bb11000ka, 93bb11000kb, 93BB11000KC, 93BB11000KD

Needle bearing: HC-CARGO 140242.


232576# D.E. Bracket

Replacing: se315, F0TZ11130B, f0tz-11130-b

Servicing: F07U11000BA, F0TZ11002B, F7PU11000KA, F7PZ11002KA


232583# D.E. Bracket

Replacing: se324, F2VY11130A, f2vy-11130-a

Servicing: F2VU11000AC, F2VU11000AD, F2VY11002A, F3LU11000AA, F4LU11000AA, F6VU11000AA, F75U11000AA, F7LU11000BA, F7LZ11002BA


234989 D.E. Bracket

Servicing: 1120215, 1140110, 1151641, 1214371, 1387062, 1449615, 1450653, 1541002, 1s7u11000ba, 1s7u11000bb, 1S7U11000BC


238850 D.E. Bracket

Servicing: 1133994, 1s4u11000aa, 1S4U-11000AB, 2T1411000CB, 2t1411000cc, 4424968, 97bb11000b3d, 98ab11000ad

I.M. Brackets



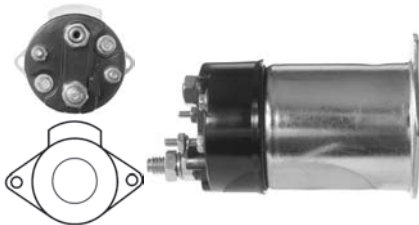
232488# I.M. Bracket
 Replacing: e5pz11130b
 Servicing: e8tf11000aa, F3TU11000AA

Solenoids

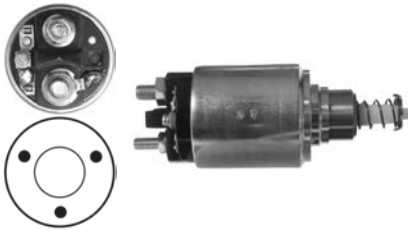
12 Volt



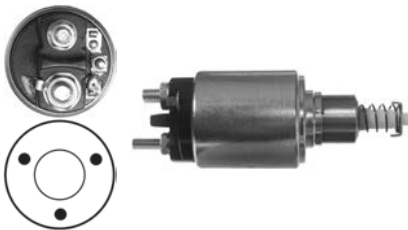
130493 Solenoid
 Replacing: SW03, D9AZ11450A, D2DZ11450A, C7AF11450A, BD7T11450T, B6AZ11450A
 12 V, Intermittent load 150 Amp., B+ 5/16" UNF, Kl. 50 10-32 UNF, OD 42.30, Total length 62.30, Height/ B+ 15.00, Width/ kl. 50 10.50, Coil bolt 5/16" UNF, Coil bolt 2 15.00, No./ terminals 4



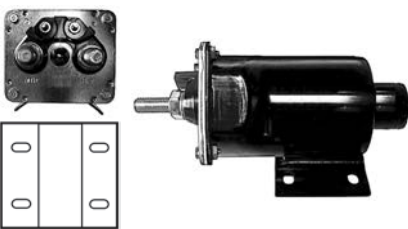
130499 Solenoid
 Replacing: d6tz11390a
 Servicing: 10MT, 20MT, 25MT, 27MT
 12 V, B+ 3/8" UNC, Kl. 15a 8-32 UNC, Kl. 50 8-32 UNC, ID/ cover 31.35, OD 59.80, OD/ cover 65.10, Total length 122.15, Coil bolt 3/8" UNC, No./ terminals 4
 Cap: HC-CARGO 130497.



131142 Solenoid
 Replacing: SH222
 12 V, B+ M8, ID/ cover 30.15, OD 61.15, OD/ cover 53.55, Total length 160.20, Height/ B+ 18.50, Coil bolt M10, Coil bolt 2 16.85, No./ terminals 3
 Cap: HC-CARGO 131319.



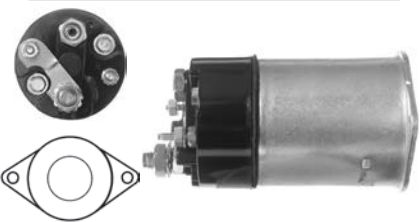
131189 Solenoid
 Replacing: 78gb11390aa
 12 V, B+ M10, Kl. 50 M5, ID/ cover 29.85, OD 61.00, OD/ cover 53.10, Total length 171.75, Height/ B+ 19.00, Width/ kl. 50 13.70, Coil bolt M10, Coil bolt 2 17.00, No./ terminals 3
 Cap: HC-CARGO 133159.



131363 Solenoid
 Replacing: e1hz11390a, C3TZ11390A, C3TS11390A
 Servicing: 40MT, 50MT
 12 V, B+ 1/2" UNC, Kl. 15a 10-32 UNF, Kl. 50 10-32 UNF, OD 74.60, Total length 201.00, Height/ B+ 28.00, Width/ kl. 15a 9.00, Width/ kl. 50 9.00, Coil bolt 1/2" UNC, Coil bolt 2 18.00, No./ terminals 4
 Insulated return. Square type. Cap: HC-CARGO 131367.



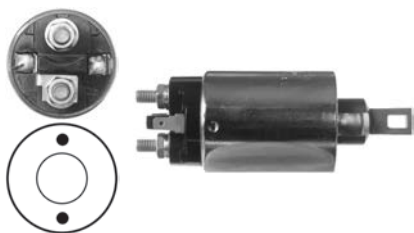
131369 Solenoid
 Replacing: E6HZ11390C, E6HZ11390B
 Servicing: 42MT
 12 V, B+ 1/2" UNC, Kl. 15a 10-32 UNF, Kl. 50 10-32 UNF, OD 68.80, OD/ cover 78.10, Total length 177.80, Height/ B+ 26.00, Width/ kl. 15a 12.50, Width/ kl. 50 12.50, Coil bolt 1/2" UNC, Coil bolt 2 17.50, No./ terminals 4
 Insulated return. Cap: HC-CARGO 135324.
 Solenoid w/ plunger: HC-CARGO 234476.



131396 Solenoid
 Replacing: d6vz11390a, d5az11390a, d3vy11390a, d3tz11390a, C8VY11390A
 Servicing: 5027805, 6816676, 91AB11000AB, 92AB11000FB, C8VF11000A, c8vy11002c, c9af11001a, D2AF11001ER, D5AF11001AB
 12 V, B+ M10, Kl. 50 M4, ID/ cover 31.00, OD 61.00, OD/ cover 62.65, Total length 121.85, Height/ B+ 20.30, Width/ kl. 50 14.00, No./ terminals 4

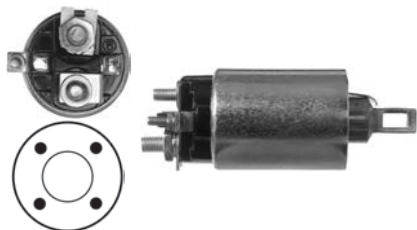


131590 Solenoid
 Replacing: sw1864, e4fz11390a, e3pz11390a
 Servicing: 5MT, 22MT
 12 V, B+ 3/8" UNC, Kl. 15a 10-32 UNF, Kl. 50 10-32 UNF, ID/ cover 28.50, OD 59.90, OD/ cover 65.55, Total length 105.25, Height/ B+ 14.50, Width/ kl. 15a 10.00, Width/ kl. 50 10.00, Coil bolt 3/8" UNC, No./ terminals 4
 Insulated return. Cap: HC-CARGO 137809.


132473 Solenoid

Replacing: e3tz11390a

12 V, B+ M8, Kl. 50 6.30, OD 54.75, OD/ cover 49.20, Total length 148.30, Height/ B+ 18.00, Width/ kl. 50 16.00, Coil bolt M8, Coil bolt 2 18.15, No./ terminals 3
 Cap: HC-CARGO 134625.


132917 Solenoid

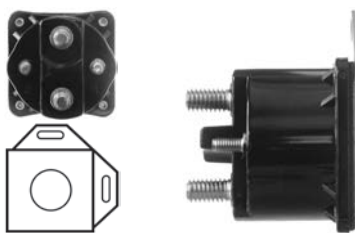
Replacing: SB417

12 V, B+ M10, Kl. 50 9.40, OD 55.20, OD/ cover 48.50, Total length 146.00, Height/ B+ 19.65, Width/ kl. 50 10.65, Coil bolt M10, Coil bolt 2 13.00, No./ terminals 3
 Cap: HC-CARGO 133287.


133043 Solenoid

Replacing: E2NN11390AA

12 V, B+ M8, Kl. 50 9.40, ID/ cover 22.00, OD 52.30, OD/ cover 44.35, Total length 129.85, Height/ B+ 16.55, Width/ kl. 50 13.25, Coil bolt M8, Coil bolt 2 15.55, No./ terminals 3
 Cap: HC-CARGO 133276.


133856 Solenoid

Replacing: sw1162

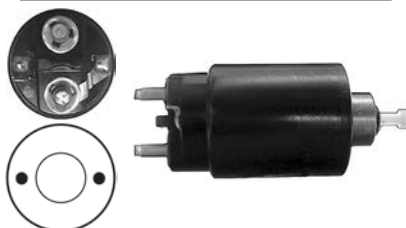
12 V, 100 Amp, Intermittent load 800 Amp., B+ M8, Kl. 15a M5, Kl. 50 M5, OD/ cover 49.25, Total length 54.75, Height/ B+ 14.20, Width/ kl. 15a 9.85, Width/ kl. 50 9.95, Coil bolt M8, Coil bolt 2 14.20, No./ terminals 4
 3.95-4.15 coil resistance.


134888 Solenoid

Replacing: 84VB11390AA

Servicing: M127/2.8 kW

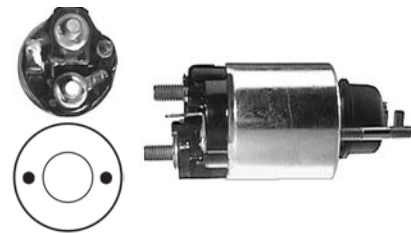
12 V, B+ M10, Kl. 50 6.30, ID/ cover 26.00, OD 53.60, OD/ cover 59.70, Total length 181.45, Height/ B+ 24.55, Width/ kl. 50 23.55, Coil bolt M8, Coil bolt 2 19.65, No./ terminals 3
 Cap: HC-CARGO 132270.


136632 Solenoid

Replacing: SW5038, SW2502A, SW2502, SW2245, SW2207, SW2188, F4DZ11390A, F3VY11390B, F3VY11390A, f02z11390a

Servicing: 3852582, e90f11000aa, e90f-11000ba, E98F11000AA, E98F11000BA, e9sf11000aa, E9SF11000AB, e9sf11000ba, E9SZ11002A

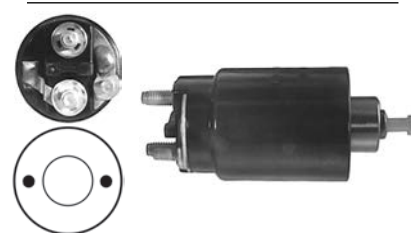
12 V, B+ M8, Kl. 50 6.30, OD 51.40, Total length 126.90, Height/ B+ 15.50, Coil bolt M8, Coil bolt 2 15.50, No./ terminals 3
 Cap: HC-CARGO 137582.


137720 Solenoid

Replacing: 81AB11390BA

Servicing: 81ab11000fa

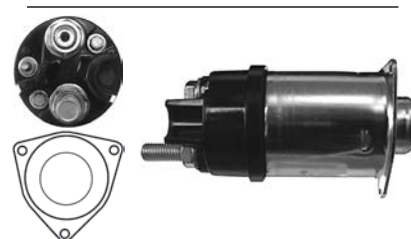
12 V, B+ M8, Kl. 15a M5, Kl. 50 6.30, OD 50.80, OD/ cover 50.00, Total length 118.20, Height/ B+ 11.55, Width/ kl. 15a 9.95, Width/ kl. 50 15.35, Coil bolt M8, Coil bolt 2 12.30, No./ terminals 4
 Cap: HC-CARGO 131291.


138496 Solenoid

Replacing: xs7u11390aa, xs6u11390aa, SW5204, sw2507, sw2506, f78z11390aa, f3rz11390b, f3rz11390a, e3rz11390a

Servicing: 1s4u11000aa, 1s7u11000ac, 6G9N11000FA, 98ab11000bc, 98vb11000b1a, 98vb11000b3a, 98VB11000BA, f3rz11002a, f3rz11002b

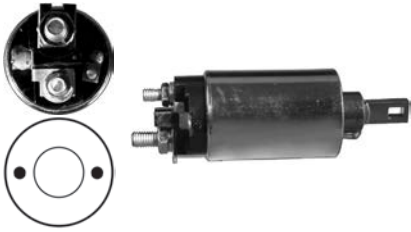
12 V, B+ M8, Kl. 50 M6, OD 51.45, Total length 131.80, Height/ B+ 16.50, Width/ kl. 50 15.00, Coil bolt M8, Coil bolt 2 17.00, No./ terminals 4
 Cap: HC-CARGO 138497. Moving contact: HC-CARGO 137529.


139209 Solenoid

Replacing: sw2157, e7hz11390b

Servicing: 37MT, f3ht11001ab, F3HZ11002C

12 V, B+ 1/2" UNC, Kl. 50 10-32 UNF, ID/ cover 32.00, OD 68.75, OD/ cover 77.40, Total length 179.00, Height/ B+ 26.00, Coil bolt 1/2" UNC, No./ terminals 3
 Cap: HC-CARGO232014.



139614 Solenoid

Replacing: e5pz11390a, E4TZ11390A
 Servicing: e8tf11000aa, f3tu11000aa
 12 V, B+ M10, KI. 50 M5, OD 55.00,
 OD/ cover 49.00, Total length 171.15,
 Height/ B+ 23.65, Width/ kl. 50 9.15,
 Coil bolt M8, Coil bolt 2 10.00,
 No./ terminals 3



231178 Solenoid

Replacing: sw5203, SW5112, f6vz11390aa
 Servicing: F6VU11000AA, F75U11000AA,
 F7LU11000BA, f7pu-11000-aa, f7pu-11000-
 da, f7pu-11000-ea, F7PU11000BA, F7PU-
 11000CA
 12 V, B+ M8, KI. 50 M6, OD 51.35,
 OD/ cover 44.50, Total length 126.50,
 Height/ B+ 12.00, Width/ kl. 50 13.50,
 Coil bolt M8, Coil bolt 2 12.00,
 No./ terminals 3
 Cap: HC-CARGO 231180.



231179 Solenoid

Replacing: sw5189, F8ZZ11390BA, f8z-
 z11390ab, f8zz11390aa, f75z11390aa
 Servicing: F75U11000AB, F77U11000AA,
 F7UZ1002AA, F81U11000AA, F81U11000AC,
 F81Z11002AA
 12 V, B+ M8, KI. 50 M6, OD 51.40,
 OD/ cover 44.75, Total length 126.60,
 Height/ B+ 12.50, Width/ kl. 50 13.50,
 Coil bolt M8, Coil bolt 2 12.50,
 No./ terminals 3
 Cap: HC-CARGO 231180.



231454 Solenoid

Replacing: F4XY11390A
 12 V, B+ M8, ID/ cover 24.70, OD 51.55,
 OD/ cover 45.15, Total length 105.00,
 Height/ B+ 14.40, Coil bolt M8,
 Coil bolt 2 14.40, No./ terminals 3
 Cap: HC-CARGO 231107.



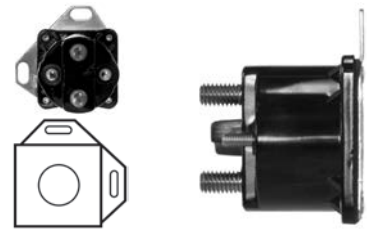
231457 Solenoid

Replacing: f4tz11390a
 12 V, B+ M10, KI. 50 M5, OD 55.15,
 OD/ cover 48.55, Total length 143.00,
 Height/ B+ 25.25, Width/ kl. 50 11.30,
 Coil bolt M8, Coil bolt 2 18.95,
 No./ terminals 3
 Cap: HC-CARGO 231458.



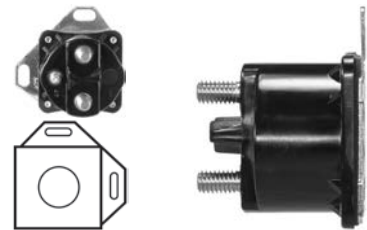
231914 Solenoid

Replacing: sw2114, sw-2114
 Servicing: 37MT
 12 V, B+ 1/2" UNC, KI. 50 10-32 UNF,
 ID/ cover 32.25, OD 68.85,
 OD/ cover 76.40, Total length 177.65,
 Coil bolt 1/2" UNC, No./ terminals 3
 Cap: HC-CARGO 232028.



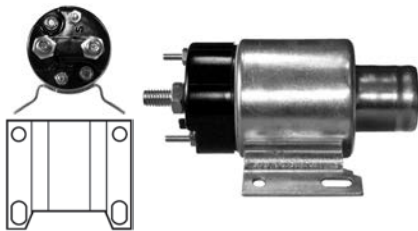
231930 Solenoid

Replacing: sw1533c, sw1533a, sw1533,
 ETTZ11450A, E9TZ11450A, E8TZ11450A,
 E8T211450B, E5AZ11450A, e5az-11450-a
 12 V, 100 Amp, Intermittent load 800 Amp,
 B+ 5/16" UNC, KI. 15a 8-32 UNC,
 KI. 50 10-32 UNF, OD 48.70,
 OD/ cover 49.30, Total length 58.30,
 Height/ B+ 12.00, Width/ kl. 15a 8.00,
 Width/ kl. 50 5.00, Coil bolt 5/16" UNC,
 Coil bolt 2 12.00, No./ terminals 4



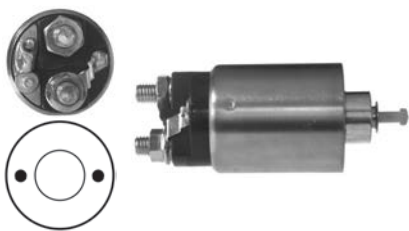
232220 Solenoid

Replacing: SW1951C, SW1951B, SW1951A,
 E7TZ11450A, E5TZ11450A, e5tz-11450a
 12 V, 100 Amp, Intermittent load 800 Amp,
 B+ 5/16" UNC, KI. 50 10-32 UNF,
 OD 49.05, OD/ cover 49.05,
 Total length 58.75, Height/ B+ 12.00,
 Width/ kl. 50 5.50, Coil bolt 5/16" UNC,
 Coil bolt 2 12.00, No./ terminals 3



232221 Solenoid

Replacing: C6TZ11390A
 Servicing: 30MT
 12 V, B+ 3/8" UNC, KI. 15a 8-32 UNC,
 KI. 50 8-32 UNC, ID/ cover 32.05,
 OD 66.30, OD/ cover 62.15,
 Total length 148.00, Height/ B+ 13.00,
 Width/ kl. 15a 14.00,
 Width/ kl. 50 10.50, Coil bolt 3/8" UNC,
 Coil bolt 2 15.00, No./ terminals 4
 Cap: HC-CARGO 232222.


233890 Solenoid

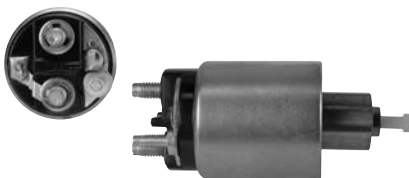
Servicing: 1C2411000AA, 1C2Z11002AA, 1c3u11000aa, 1C3U11000AB, 1C3U11000AC, 1C3U11000AD, 1C3U11000AE, 1C3Z11002AA, 2C2411000AA

12 V, B+ M10, Kl. 50 M5, OD 51.35, Total length 127.20, Height/ B+ 15.50, Width/ kl. 50 15.00, Coil bolt M10, Coil bolt 2 14.50, No./ terminals 3


235437# Solenoid

Replacing: bf9t11390ab
Servicing: XC3U11000CA

12 V, B+ M10, Kl. 50 M5, OD 61.00, Coil bolt M10, No./ terminals 3


235496 Solenoid

Servicing: 2s6u11000eb, YS1U11000BA, ys4u11000aa, YS4U11000AB, ys4u11000ba
 12 V, B+ M8, Kl. 50 M6, ID/ cover 13.50, OD 51.40, OD/ cover 49.50, Total length 82.50, Switch dim. 7.00, Height/ B+ 15.00, Width/ kl. 50 15.00, No./ terminals 3

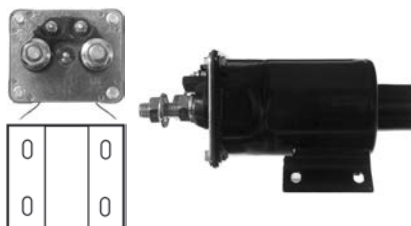

236961 Solenoid

Servicing: f8ru11000aa, F8RU11000ca
 12 V, B+ M8, No./ terminals 3


239797 Solenoid

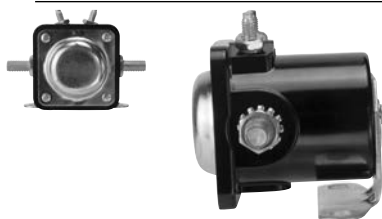
Servicing: 1151216, 1151642, 1197912, 1205240, 1209193, 1233277, 1250901, 1251700, 1300504, 1325943, 1366473, 1366986, 1379702

12 V, B+ M8, Kl. 50 M6, OD 51.69, Total length 83.00, Height/ B+ 14.08, No./ terminals 3

24 Volt

131364 Solenoid

Replacing: C4TZ11390A
Servicing: 40MT, 50MT

24 V, B+ 1/2" UNC, Kl. 15a 10-32 UNF, Kl. 50 10-32 UNF, ID/ cover 31.00, OD 74.40, Total length 201.75, Coil bolt 1/2" UNC, No./ terminals 4
Insulated return. Cap: HC-CARGO 131368.


235816 Solenoid

24 V, OD 53.00, Total length 64.00, No./ terminals 4

Solenoid Parts
Solenoid Caps

Pkg. 5


135324 Solenoid Cap

Servicing: 42MT
 No./ terminals 4
HC-CARGO 131369.


137582 Solenoid Cap

Servicing: 3852582, e90z11390a, e98f11000aa, e98f11000ba, E9SF11000AA, E9SF11000AB, E9SF11000BA, E9SZ11002A, E9SZ11002B

No./ terminals 3, Bracket type Crimp
HC-CARGO 136632.


138497 Solenoid Cap

Servicing: 1024508, 1027928, 1057652, 1057654, 1057661, 1058429, 1059179, 1061458, 1063999, 1064000, 1067622, 1073093, 1073108

No./ terminals 3
HC-CARGO 138496.

Pkg. 5


231180 Solenoid Cap

Servicing: f6vz11390aa, f75z11390aa, F8ZU11390AA

No./ terminals 3
HC-CARGO 231178, 231179.

NEW PRODUCT
www.hc-cargo.com

332555 Solenoid Cap

No./ terminals 3, Bracket type Crimp

Moving Contacts

Pkg. 5



137529 Contact Kit

Servicing: 1480550, 4033064
Length 27.65, Width 15.20

Various

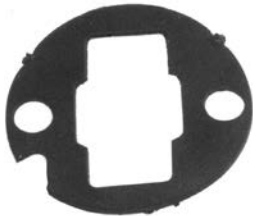
Pkg. 10



231140 Screw

Servicing: 1480550, 4033064, 6G9N11000EC
Thread M6, Total length 38.25,
Thread length 11.40, Countersink Yes

Pkg. 5



232942 Gasket

ID 30.90, ID/ mount. hole 7.00,
OD 44.60, Thickness 0.95,
No./ mount. holes 2, Material Rubber

Pkg. 5



232943# Gasket

Servicing: f7pu11000da, f7pz11002da,
F87U11000A1A
ID 28.30, OD 59.10, Thickness 0.70

Pkg. 10



330583 Rubber Boot

Servicing: 1120215, 1140110, 1151641,
1214371, 1387062, 1449615, 1450653, 1541002,
1s7u11000ba, 1s7u11000bb, 1S7U11000BC
ID 10.59, OD 36.00, Thickness 18.11

Drives



130535 Drive

Replacing: SD302, sd176, sd175, sd164,
sd152, d6pz11350b, d6pf11a108ba, D5A-
F11350AA, C9HZ11350A, C9HZ10350A
Servicing: C7AF11001B, C8VF11000A,
c8vy11002c, c9af11001a, D2AF11001ER,
D5AF11001AB, D80F11001AA, E1AF11001BA
ID 12.00, OD 25.10,
OD/ housing 46.25, Total length 72.00,
Splines A 12, No./ teeth 9, Rotation CR



130538 Drive

Replacing: C6TZ11350A
Servicing: 30MT
ID 14.30, OD 39.85,
OD/ housing 60.00, Total length 96.15,
Splines A 3, No./ teeth 10, Rotation CR



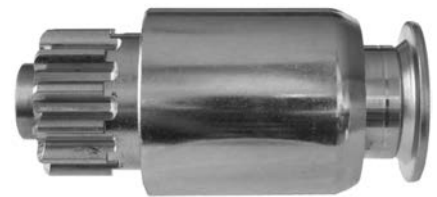
130539 Drive

Replacing: D4HF11350BA, C9HE11350A,
C8DF11350A, C3DE11350A, C2DZ11350A
Servicing: 40MT, 42MT, 50MT, C3TF11000A,
C3TZ11001A, c5tz11002c, C6TF11001A
ID 15.90, OD 56.50, OD/ housing 58.00,
Total length 120.40, Shaft length 15.90 (5/8"),
Splines A 19, No./ teeth 11, Rotation CR
Bronze.
Alternative no.: 130539z



130539Z Drive

Replacing: D4HF11350BA, C9HE11350A,
C8DF11350A, C3DE11350A, C2DZ11350A
ID 15.90, OD 56.50,
OD/ housing 58.25, Total length 120.40,
Splines A 19, No./ teeth 11, Rotation CR
Alternative no.: 130539



131056 Drive

Replacing: D4HF11350AA, c9wf11350c,
C8TZ11350D, C8TZ11350B
Servicing: 40MT, 42MT, 50MT, C8ZF11000C,
d30z11002a, D3TF11000CA
ID 15.90, OD 46.20,
OD/ housing 57.65, Total length 120.40,
Shaft length 15.90 (5/8"), Splines A 19,
No./ teeth 12, Rotation CR



131399# Drive

Replacing: SD313, sd301, e1pz11350b,
d9pz11350a, d6pz11350a, D6GF11350BA,
D6GF11350AA, D6EF11350BA
Servicing: d12f11001aa, D1FF11001A,
d1fz11002a, D22F11001A, D2FZ11002A
ID 12.05, OD 25.10,
OD/ housing 49.50, Total length 62.00,
Splines A 4, No./ teeth 9, Rotation CR



131770 Drive

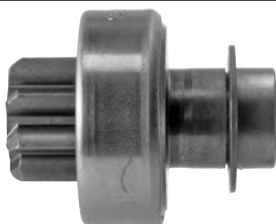
Replacing: sd180, C8WF11350A, C8TZ11350A
Servicing: 40MT, C8TF11000B, C8TZ11002A,
EOHT11000AA, EOHT11000AB, EOHT11002A
ID 15.90, OD 49.20/1.937",
OD/ housing 58.00, Total length 120.40/4.740",
Shaft length 15.90 (5/8"), Splines A 19,
No./ teeth 13, Rotation CR


131986 Drive

Replacing: sd499
 ID 12.40, OD 28.00,
 OD/ housing 46.25, Total length 60.00,
 Splines A 10, No./ teeth 8, Rotation CR


132005 Drive

Replacing: sde349, sde332, f4bz11350a,
 e7gz11350a
 ID 12.00, OD 28.20,
 OD/ housing 45.50, Total length 56.00,
 Splines A 8, No./ teeth 8, Rotation CR
 Alternative no.: 132005z


132005Z Drive

Replacing: sde349, sde332, f4bz11350a
 ID 12.00, OD 28.00,
 OD/ housing 46.20, Total length 55.65,
 Splines A 8, No./ teeth 8,
 Drive type Steel, Rotation CR
 Alternative no.: 132005


132749# Drive

Replacing: sd312
 ID 12.00, OD 25.35,
 OD/ housing 49.00, Total length 71.85,
 Splines A 4, No./ teeth 9, Rotation CR


132751 Drive

Replacing: sd320, e2pz11350a, e2bz11350a
 ID 12.00, OD 25.30,
 OD/ housing 48.00, Total length 70.15,
 Splines A 4, No./ teeth 9, Rotation CR


133507 Drive

Replacing: e6hz11350a
 Servicing: 37MT
 ID 14.35, OD 39.50/1.555",
 OD/ housing 60.00,
 Total length 99.00/3.898", Splines A 3,
 No./ teeth 10, Rotation CR


133546# Drive

Replacing: C7NB11350A, C7NB11350
 Servicing: C7AF11350A
 ID 12.00, OD 33.00,
 OD/ housing 49.00, Total length 74.30,
 Splines A 4, No./ teeth 10, Rotation CR


133854 Drive

Replacing: SD303, c8js11350a
 Servicing: 28MT
 ID 14.00, OD 32.00,
 OD/ housing 60.00, Total length 85.00,
 Splines A 12, No./ teeth 10, Rotation CR
 w/ rubber seal.


133864 Drive

Replacing: D6FF11350AA, C9FF11350B,
 C9FF11350A, C6FF11350B, C6FF11350A
 ID 12.00, OD 25.80,
 OD/ housing 46.20, Total length 77.00,
 Splines A 12, No./ teeth 9, Rotation CR


133887 Drive

Replacing: 79AB11350AA
 Servicing: 79ab11000bb, 79ab11000bc,
 79AB11000BO, 81ab11000ea, 81AB11000GB
 ID 12.00, OD 26.65,
 OD/ housing 47.65, Total length 67.85,
 Splines A 4, No./ teeth 10, Rotation CR


134918 Drive

Replacing: sde350, sde334, f4bz11350b,
 e8bz11350a
 ID 12.00, OD 28.00,
 OD/ housing 46.00, Total length 56.20,
 Splines A 8, No./ teeth 8, Rotation ACR


136633 Drive

Replacing: SD357, sd337, f9oz11350a,
 F5DZ11350A, E9OZ11350A, E9OZ11350A,
 e5dz11350a
 Servicing: 1057661, 1076141, 1085273,
 1151642, 1205240, 1367529, 1379703,
 1388569, 1X4U11000AA, 2S7T11000AA,
 2S7T11000AB
 ID 12.00, OD 27.65,
 OD/ housing 46.35, Total length 46.55,
 Splines A 12, No./ teeth 10, Rotation CR


138209 Drive

Replacing: xs6411350aa, sd353, sd-353, f5ru11350ra, f3rz11350a, 53r211350a
 Servicing: 1057652, 1057654, 1058429, 1061458, 1073093, 1087280, 1104965, 1118336, 1126987, 1133994, 1151216, 1250901, 1373810
 ID 12.00, OD 26.80,
 OD/ housing 46.00, Total length 47.00,
 Splines A 12, No./ teeth 10, Rotation CR


139341 Drive

Servicing: 1024508, 1027928, 1059179, 1073108, 1093471, 1105310, 5026497, 97vb11000aa, 97vb11000ab, 97VB11000BA, 98VB11000AA
 ID 12.00, OD 46.60,
 OD/ housing 45.50, Total length 47.25,
 Splines A 12, No./ teeth 13, Rotation CR
 Alternative no.: 139341zz


139341ZZ Drive

ID 12.00, OD 45.70,
 OD/ housing 45.35, Total length 46.90,
 Splines A 12, No./ teeth 13,
 Drive type Steel, Rotation CR
 Alternative no.: 139341


139609# Drive

Replacing: sde339, e8pz11350a
 Servicing: e8tf11000aa, f3tu11000aa
 ID 17.00, OD 39.70,
 OD/ housing 60.00, Total length 109.20,
 Splines A 10, No./ teeth 13, Rotation CR


139710 Drive

Replacing: f5bu11350aa
 Servicing: 1027772, 95fb11000bb, 95fb11000bc, 95FB11000BD, 95FB11000BG
 ID 12.00, OD 54.00,
 OD/ housing 48.20, Total length 51.35,
 Splines A 10, No./ teeth 23, Rotation CR
 Alternative no.: 139710z


139710Z Drive

Replacing: f5bu11350aa
 ID 12.00, OD 54.00,
 OD/ housing 48.20, Total length 51.35,
 Splines A 10, No./ teeth 23, Rotation CR
 Alternative no.: 139710


231960 Drive

Replacing: SD341, F2VY11350A
 Servicing: 1140757, 1144505, 1350459, 1368974, 1483817, 2S6U11000EA, 2S6U11000EB, 2S6U11000EC, 2S6U11000ED, 2S6U11000EE
 ID 12.00, OD 31.70,
 OD/ housing 46.35, Total length 47.00,
 Splines A 12, No./ teeth 12, Rotation CR


231961 Drive

Replacing: SD340, F0FZ11350A
 Servicing: 1387091, 1387092, 1480550, 6G9N11000BB, 6G9N11000EB, 6G9N11000EC, F0CF11000AA, F0CU11000AA, sa-779
 ID 12.00, OD 29.50,
 OD/ housing 46.25, Total length 47.00,
 Splines A 12, No./ teeth 9, Rotation CR


231962 Drive

Replacing: SD327, E6FZ11350A, E6EF11350AA
 Servicing: E3FZ11002A, E6EF11001A, E6FZ11002A
 ID 12.00, OD 27.80,
 OD/ housing 46.30, Total length 71.65,
 Splines A 12, No./ teeth 10, Rotation CR


231967 Drive

Replacing: d2058
 Servicing: SD205, -255
 ID 12.00, OD 25.00,
 OD/ housing 43.35, Total length 73.00,
 Splines A 3, No./ teeth 9, Rotation CR


233830 Drive

Servicing: 1120215, 1140110, 1151641, 1214371, 1387062, 1449615, 1450653, 1541002, 1s7u11000ba, 1S7U11000BB, 1S7U11000BC
 ID 12.00, OD 38.00/1.56", OD/ housing 49.00,
 Total length 48.00/1.89", Splines A 12,
 No./ teeth 12, Rotation ACR
 Alternative no.: 233830z


233830Z Drive

ID 12.00, OD 37.40,
 OD/ housing 45.20, Total length 47.30,
 Splines A 12, No./ teeth 12,
 Drive type Steel, Rotation ACR
 Alternative no.: 233830


234135 Drive

Servicing: 1120214, 1140111, 1218885,
 1251700, 1300504, 1325943, 1366473,
 1366986, 1379702, 1465010, 1477482,
 1478129, 1S7U11000AA
 ID 12.00, OD 34.20,
 OD/ housing 45.35, Total length 46.65,
 Splines A 6, No./ teeth 11, Rotation CR
 Alternative no.: 234135z


234135Z Drive

ID 12.00, OD 34.10,
 OD/ housing 45.15, Total length 47.10,
 Splines A 6, No./ teeth 11,
 Drive type Steel, Rotation CR
 Alternative no.: 235135


234773 Drive

Servicing: f8ru11000aa
 ID 12.00, OD 38.00,
 OD/ housing 48.60, Total length 47.00,
 Splines A 12, No./ teeth 12, Rotation CR


234861 Drive

Replacing: 1c3u10350ab
 Servicing: 1C2411000AA, 1C2Z11002AA,
 1c3u11000aa, 1C3U11000AB, 1C3U11000AC,
 1C3U11000AD, 1C3U11000AE, 1C3Z11002AA,
 2C2411000AA
 OD 37.30, Total length 115.70,
 No./ teeth 12, Rotation CR


235199 Drive

Servicing: 1063999, 1064000, 1237323,
 98AB11000BB, 98ab11000bc, 98ab11000bd,
 98ab11000cb, 98ab11000cc, 98ab11000cd,
 ys4u11000aa
 ID 12.00, OD 26.70,
 OD/ housing 45.00, Total length 57.50,
 Splines A 6, No./ teeth 10, Rotation CR


235624 Drive

Replacing: C1AZ11350A
 ID 16.00, OD 29.20,
 OD/ housing 53.00, Total length 137.00,
 No./ teeth 9, Rotation ACR


236876 Drive

Servicing: 1229427, 1231963, 1233234,
 1254222, 1351989, 1368970, 1376305,
 1385784, 1465115, 1469712, 1469721,
 3M5T11000CB
 ID 12.01, OD 36.60/1.36",
 OD/ housing 48.65,
 Total length 47.00/1.85", Splines A 12,
 No./ teeth 11, Rotation CR

Drive Parts
Caps

139990 Dp Cap

ID 43.80, OD 45.60

Rollers

Pkg. 500


134300 Dp Rollers

OD 6.35, Length 12.25

Pkg. 100


137816 Dp Rollers

OD 6.35, Length 10.95

Pinion

231456 Pinion

Replacing: SZE888, F4TZ11363A
 Servicing: f4pu11000aa, f4tz11002b
 ID 13.45, OD 37.15, Height 17.75,
 Splines 20, No./ teeth 12

Washers

Pkg. 100


134226[#] DP Washer

OD 45.25, Thickness 0.95, Material Steel

Pkg. 5



234048# Lever Support

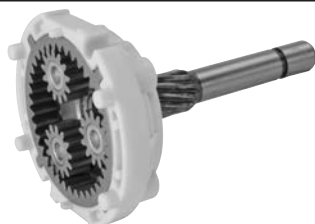
ID 21.60, OD 42.85, Thickness 8.85,
Material Plastic

Planet Gears



235726 Planet Gear

Servicing: 1120215, 1140110, 1151641,
1214371, 1387062, 1449615, 1450653, 1541002,
1s7u11000ba, 1s7u11000bb, 1S7U11000BC
Shaft dia./ middle 11.92, Total length 108.10,
Splines 12, Rotation ACR



238851 Planet Gear

Servicing: 1133994, 1s4u11000aa, 1S4U-
11000AB, 97BB11000B3D, 98AB11000AD
Shaft dia./ middle 11.92,
Total length 108.00, Splines 12, Rotation CR
Brush set: HC-CARGO 142006.

Gear Parts

Gear Shafts



136637 Gear Shaft

Replacing: f0tz11355h, f0tz11355a
Servicing: 1057652, 3852582, 5029143,
6775703, 6775704, 93BB11000HB, 93BB11000JB,
93BB11000KA, 93BB11000KB, e90f11000aa
OD/ shaft 19.00,
Total length 107.00/4.21", No./ splines 12
Armature: HC-CARGO 136634.



230743 Gear Shaft

Replacing: f7ru11a160ab, f1ru11a160ab
Servicing: 97vb11000aa, 97vb11000ab,
98vb11000b1a, 98vb11000b3a, 98VB11000BA
OD/ shaft 17.45, Total length 104.30,
No./ splines 12



231139 Gear Shaft

Servicing: F7PU11000BA, f7pz11002ba
Total length 103.50
(4.07"), No./ splines 12
Armature: HC-CARGO 231138.



231143 Gear Shaft

Replacing: f5rz11a201a
Servicing: 1057661, 1076141, 1085273,
1120215, 1140110, 1151641, 1151642,
1197912, 1205240, 1209193, 1214371,
1233277, 1367529
Total length 84.70



237509 Gear Shaft

Servicing: 3M5T11000DC
OD/ shaft 11.90, Total length 103.60,
No./ splines 12



238919 Gear Shaft

Servicing: 1s7u11000ba, 1s7u11000bb,
1S7U11000BC, 1S7U11000da, 1S7U11000db,
yc1u11000ab, yc1u11000ac
OD/ shaft 11.92, Total length 103.30,
No./ splines 12

Outer Gear



136638 Outer Gear

Replacing: sm476, f7ru11165ca, e9o-
z11a165a, e90z11a165a
Servicing: 1057652, 1057654, 1057661, 1058429,
1073093, 1076141, 1085273, 1087280, 1118336,
1126987, 1367529, 1X4U11000AA, 3852582
ID 46.87, OD 72.35, Height 30.40,
No./ teeth 37

Pkg. 5



231347 Outer Gear

Replacing: f7ru11a165ca, f7re11a165ca
Servicing: 97bb11000bc, 97vb11000aa,
97vb11000ab, 98ab11000ac, 98vb11000b1a,
98vb11000b3a
ID 52.10, OD 72.28, Height 32.70
w/o needle bearing: HC-CARGO 140920. w/
bushing: HC-CARGO 234664.

Pkg. 5



234664 Outer Gear

ID 47.40, OD 72.30, Height 33.33,
No./ teeth 37

Gear Covers

Pkg. 5


234956 Gear Cover

Servicing: 1231963, 1351989, 1376305, 1385784, 1469721, 1s7u11000ba, 1s7u11000bb, 1S7U11000BC, 2S7T11000DA, 3M5T11000DB

Gear Wheels

Pkg. 10


136641 Gear Wheel

Replacing: e90z11a190a, e90z11k190a, e90f11a67aa
ID 6.50, **OD** 19.40, **Height** 8.70, **No./ teeth** 13
w/ needle bearing. Version w/ bushing: HC-CARGO 231154.

Pkg. 10


231154 Gear Wheel

Replacing: f0fz11k190a
ID 6.00, **OD** 19.40, **Height** 8.80, **No./ teeth** 13
w/ bushing. Version w/ needle bearing: HC-CARGO 136641.

Pkg. 10


235377 Gear Wheel

Servicing: 1063999, 1064000, 1067622, 1120214, 1140111, 1140757, 1144505, 1218885, 1350459, 1368974, 1465010, 1477973, 1483817
ID 10.00, **OD** 23.50, **No./ teeth** 18

Pkg. 10


235592 Gear Wheel

Servicing: 1231963, 1351989, 1376305, 1385784, 1469721, 1s7u11000ba, 3M5T11000DB, 3M5T11000DC, 4m5t11000fa, 4m5t11000fb
OD 57.80, **Height** 11.00, **No./ teeth** 37

Gear Plates

Pkg. 10


136640 Gear Plate

Replacing: e90z11a167a
Servicing: 1057652, 1057654, 1057661, 1058429, 1073093, 1076141, 1085273, 1087280, 1118336, 1126987, 1231963, 1351989, 1367529
ID 18.30, **OD** 67.30, **Thickness** 1.15

Various

Pkg. 5


230896 Gasket

Servicing: 97VB11000AC, 97VB11000BC
ID 51.45, **OD** 62.70, **Thickness** 0.65

Pkg. 5


231146 Retainer

Servicing: 1057654, 1057661, 1067622, 1076141, 1085273, 1087280, 1120214, 1140111, 1140757, 1144505, 1218885, 1350459, 1367529
ID/ housing 13.80, **OD/ housing** 16.00, **Thickness** 1.25
Gear shaft: HC-CARGO 136637.

Pkg. 5


231147 Retainer

Servicing: 1057652, 1063999, 1064000, 1231963, 1351989, 1376305, 1385784, 1469721, 3M5T11000DB, 3M5T11000DC, 4M5T11000FA
Thickness 1.00, **Material** Steel
Shaft: HC-CARGO 231139.

Pkg. 5


231150 Washer

ID 19.00, **OD** 36.50, **Thickness** 0.25, **Material** Steel


231377 Gear

Replacing: f5rz11a198a
Servicing: 1057661, 1076141, 1085273, 1151642, 1197912, 1205240, 1209193, 1233277, 1367529, 1386127, 1388569, 1X4U11000AA
ID 22.00, **OD** 51.64/2.033", **Height** 51.64/2.033", **No./ teeth** 22


234504 Pinion

Servicing: 1120215, 1140110, 1151641, 1214371, 1387062, 1449615, 1450653, 1541002, 1s7u11000ba, 1s7u11000bb, 1S7U11000BC
ID 14.30, **OD** 54.30, **Height** 46.20, **Splines** 19, **No./ teeth** 19
w/ bushing.



234957 Washer
 ID 22.50, OD 43.00, Thickness 2.60,
 Material Nylon

Levers

Pkg. 5



132808 Lever
 Replacing: 84ab11067ab
 Servicing: 0018882, 1007765, 1008795,
 1008836, 1008838, 1011330, 1011331,
 1018882, 1018883, 1030151, 1032666,
 1059564, 1072156
 Dist. 41.40, Length 86.50



135468 Lever
 Replacing: f4xy11067a
 Servicing: F32Z11002B
 Dist. 36.30, Length 74.00



135777 Lever
 Replacing: 82gb11037ab
 Servicing: 1061267, 1229425, 82GB11000CA,
 82GB11000EA, 83BB11000DA, 85GB11000FA,
 86AB11000BA, 86GB11000AA, 86GB11000EA
 Dist. 40.35, Length 92.70



Pkg. 5

136636 Lever
 Replacing: f75u11070aa, e90z11067a
 Servicing: 1024508, 1027928, 1057652,
 1057654, 1057661, 1058429, 1059179,
 1061458, 1063999, 1064000, 1067622,
 1073093, 1073108
 Dist. 44.50, Length 84.35



231155# Lever Kit
 Replacing: e5pz11067a
 Servicing: e8tf11000aa, f3tu11000aa
 Dist. 47.60, ID 5.70, Length 103.00



234680 Lever
 Servicing: 2S7T11000DA, yc1u11000ac,
 yc1u11000ad, YC1U11000AE
 Dist. 35.35, Length 62.40



333537 Lever
 Manufacturer: Bosch
 Replacing: 84ab11067ab
 Dist. 43.80, Length 89.80
 Alternative no.: 130419, 130419ZZ

Lever Parts

Various

Pkg. 10



232856 Lever Support
 ID 21.50, OD 42.80, Thickness 11.30,
 Material Plastic

Pkg. 5



233043# Spring
 Replacing: SZ629, C2DF11103A, c2df-11103-a
 OD 12.50, Length 33.00

Brush Gears



132739# Brush Gear
 Replacing: sb177, sb117, D8AF11061AA,
 d7az11061a
 Servicing: d80f11001aa, e1af11001ba
 OD 98.00



133338 Brush Gear
 Replacing: E5TZ11049A
 OD 71.50
 Neg. brushes Brush set: HC-CARGO 140388.


133339 Brush Gear

Replacing: sbe324, E5PF11434AA, E5P-F11061A

Servicing: e8tf11000aa, f3tu11000aa
12 V, OD 75.75

Brush set: HC-CARGO 140388. Brush spring: HC-CARGO 135201.


135467 Brush Gear

Replacing: sbe345, sbe334, sbe325, f4bz11061a, e7gz11061a

12 V, OD 74.00

Neg. brushes. Brush set: HC-CARGO 140349.


136635 Brush Gear

Replacing: sb356, sb353, sb348, sb337, sb335, sb331, f3rz11061a, E9OZ11061C, E9OZ11061B, E9OZ11061A

Servicing: 1057652, 1057654, 1057661, 1076141, 1085273, 1087280, 1367529, 1X4U11000AA, 3852582, 4X4U11000AB, 5029143, 6775703

OD 68.40


230741 Brush Gear

Replacing: f7ru11434ba

Servicing: 1024508, 1027928, 1058429, 1059179, 1073093, 1073108, 1093471, 1105310, 1118336, 1120215, 1126987, 1133994, 1140110

12 V, OD 72.25

Brush set: HC-CARGO 140955.


231460 Brush Gear

Replacing: sbe351, f4tz11091a, F4TZ11061A
12 V, OD 69.80

Neg. brushes Brush set: HC-CARGO 140388.


232670 Brush Gear

Replacing: f81u11434aa

Servicing: F81Z11002AA, XL1Z11002AA, XW4U11000CG, XW4Z11000CG, XW4Z11002CG

OD 72.60


233406 Brush Gear

Servicing: 1057654, 1087280, 3852582, 5029143, 6775704, 93BB11000JB, 93BB11000JC, F07U11000BA, F0TZ11002B, R93BB11000JB

OD 19.40


234062 Brush Gear

Servicing: 1061458, 1063999, 1064000, 1067622, 1104965, 1120214, 1140111, 1140757, 1144505, 1151216, 1151642, 1197912, 1205240

12 V, OD 60.80

Brush set: HC-CARGO 140975.

Brush Gear Parts
Brush Springs

Pkg. 10


132741 Brush Spring

Replacing: d1az11059a

Servicing: 4½" DD, C7AF11001B, D5A-F11001AB

OD 15.65, Length 30.80

Pkg. 10


132742 Brush Spring

Replacing: ms519, d8af11059a, d7az11059a

Servicing: 4", 4½" DD

Length 30.50

Pkg. 4


137526 Brush Spring

Length 18.50

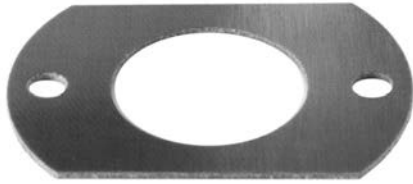
Various

Pkg. 10


231141 Screw

Thread M4, Total length 14.50

Pkg. 5



233407# Insulator

Brush Sets



140509 Brush Set

Replacing: M80R, 5026489, 89AB11000BA, 89BB11000CA, 91AB11000GA, 91BB11000MA, 91BX11000MA, F91BB11000MA
 12 V, Length 19.80, Lead length 33.50, Height 9.40, Thickness 6.80
 w/o brush bar: HC-CARGO 140765.



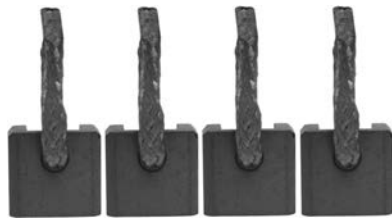
140548 Brush Set

Replacing: E4FF11055AA, D8AF11056AA, D8AF11055BA, d7az11057a
 Servicing: D80F11001AA, E1AF11001BA
 12 V, Length 13.00, Lead length 76.00, Lead length 2 38.50, Height 19.20, Thickness 8.80



140845 Brush Set

Servicing: 1057652, 1057654, 1057661, 1076141, 1085273, 1087280, 1367529, 1X4U11000AA, 3852582, 4X4U11000AB, 5029143, 6775703
 12 V, Length 14.00, Lead length 82.00, Lead length 2 34.50, Height 16.00, Thickness 4.60



140955 Brush Set

Replacing: f7ru11056ab, 140955
 Servicing: 1024508, 1027928, 1059179, 1073108, 1093471, 1105310, 1120215, 1140110, 1151641, 1214371, 1387062, 1450653, 1C2411000AA
 12 V, Length 18.20, Lead length 34.00, Height 19.00, Thickness 8.20
 w/ brush bar: HC-CARGO FX74-783.



140975 Brush Set

Servicing: 1061458, 1063999, 1064000, 1067622, 1104965, 1120214, 1140111, 1140757, 1144505, 1151216, 1151642, 1197912, 1205240
 12 V, Length 14.00, Lead length 26.00, Height 13.00, Thickness 6.00



141186 Brush Set

12 V, Length 14.00, Lead length 34.50, Lead length 2 30.00/33.00, Height 16.00, Thickness 4.50



141187 Brush Set

Servicing: e90f11000aa, e90f11000ba
 12 V, Length 14.00, Lead length 33.50, Lead length 2 79.50, Height 16.00, Thickness 4.60



141188 Brush Set

12 V, Length 14.00, Lead length 35.00, Lead length 2 85.00, Height 16.00, Thickness 4.60



141248 Brush Set

Servicing: 1063999, 1064000, 98AB11000BB, 98ab11000bc, 98ab11000bd, 98ab11000cc, 98ab11000cd, YS4U11000BB
 12 V, Length 12.50, Lead length 100.00, Lead length 2 25.00, Height 13.00, Thickness 6.00



FX412/1P Brush Set

Replacing: C5AF11055A, CODZ11057B, CODZ11057A
 Servicing: C7AF11001B, D5AF11001AB
 12 V, Length 13.00, Lead length 51.75, Height 19.20, Thickness 8.80



FX74-783# Brush Set

Replacing: f7ru11056ba, f7ru11056aa
 12 V, Length 18.20, Lead length 60.00, Lead length 2 33.50/30.50, Height 19.00, Thickness 8.20
 w/o brush bar: HC-CARGO 140955.


FX76-774 Brush Set

Replacing: 1c3u11056ba, 1c3u11056aa
 12 V, Length 18.20, Lead length 53.00,
 Lead length 2 34.00, Height 18.90,
 Thickness 8.20

Brushes

Pkg. 100


B140975 Brush

Replacing: B140975
 Servicing: 1120214, 1140111, 1140757,
 1144505, 1218885, 1465010, 98ab11000cb,
 f7ru11000aa
 12 V, Length 14.00, Lead length 26.00,
 Height 13.00, Thickness 6.00

Bushings

Pkg. 5


140188 Bushing

Replacing: mc3, mc244, mc220,
 d3az11052a, d0af11052a, C4TZ11052A
 Servicing: D5AF11001AB
 ID 15.96, OD 19.11, Length 11.90

Pkg. 5


140189 Bushing

Replacing: mc12, CODZ11135A
 Servicing: C7AF11001B
 ID 12.05, OD 13.18, Length 20.40

Pkg. 5


140192 Bushing

Replacing: mc209, mc206, d0az11135a
 ID 12.00, OD 15.10, Length 10.50

Pkg. 5


140193 Bushing

Replacing: MC93, C2DH11052A, C2DF11052A
 ID 15.90, OD 17.50, Length 14.20

Pkg. 10


140264 Bushing

Replacing: B11052
 ID 16.27, OD 19.15, Length 15.00
 Alternative no.: b140264

Pkg. 10


140467 Bushing

Replacing: C2DF11135A
 ID 12.01, OD 13.11, Length 15.60

Pkg. 5


140553 Bushing

Servicing: C7AF11001B, D80F11001AA,
 E1AF11001BA
 ID 15.90, OD 19.10, Length 15.20

Pkg. 10


140555 Bushing

Replacing: MCE439
 Servicing: F32Z11002B
 ID 10.03, OD 14.00, Length 12.50
 Alternative no.: b140555

Pkg. 10


140758 Bushing

Replacing: mce444, f0jy11135a
 ID 19.06, OD 22.55, Length 14.00
 Alternative no.: b140758

Pkg. 10


140842 Bushing

Replacing: mc442, e90z11135a
 Servicing: 1057652, 1058429, 1073093,
 1118336, 1126987, 1231963, 1351989,
 1376305, 1385784, 1469721, 3852582,
 3M5T11000DB
 ID 10.00, OD 14.00, Length 10.00

Pkg. 10


140843 Bushing

Servicing: 1057652, 1057654, 1057661,
 1058429, 1061458, 1063999, 1064000,
 1067622, 1073093, 1076141, 1085273,
 1087280, 1104965
 ID 19.00, OD 22.30, Length 6.30



Pkg. 10

140844 Bushing

Replacing: mc209a, d0af11135b

Servicing: 1057652, 1057654, 1057661, 1076141, 1085273, 1087280, 1367529, 1X4U11000AA, 3852582, 4X4U11000AB, 5029143, 6775703

ID 12.04, OD 15.13, Length 10.20

Pkg. 10



140987 Bushing

Servicing: 1058429, 1073093, 1118336, 1126987, 1133994, 1231963, 1351989, 1376305, 1385784, 1387092, 1465115, 1469721, 1480550

ID 8.12, OD 12.45, Length 10.00

Alternative no.: b140987

Pkg. 10



140991 Bushing

Servicing: 1061458, 1063999, 1064000, 1067622, 1104965, 1120214, 1140111, 1151216, 1151642, 1205240, 1218885, 1229427, 1233234

ID 7.06, OD 11.99, Length 10.00

Alternative no.: b140991

Pkg. 10



141074 Bushing

Servicing: 1057654, 1057661, 1076141, 1085273, 1087280, 1367529, 1X4U11000AA, 4X4U11000AB, 93BB11000HC, 93BB11000JC, 93BB11000KC

ID 10.00, OD 13.95, Length 8.55



Pkg. 10

141075 Bushing

Replacing: mc445, f2tz11135a

Servicing: 1067622, 96FB11000MA, 96FB11000MB, 96FB11000MC, 96FB11000MD, 96FB11000ME, E98F11000AA, E98F11000BA, E9SF11000AA

ID 12.00, OD 16.00, Length 10.05

Pkg. 10



141076 Bushing

Servicing: 1057661, 1076141, 1085273, 1197912, 1209193, 1233277, 1367529, 1386127, 1X4U11000AA, 3S7T11000AA, 3S7T11000AB

ID 14.35, OD 17.26, Length 12.50

Pkg. 10



141129 Bushing

Replacing: B9AF11135A, b9af-11135-a

ID 15.85, OD 20.65, Length 17.30

Pkg. 10



141222 Bushing

Servicing: 1120215, 1140110, 1151641, 1214371, 1387062, 1449615, 1450653, 1541002, 1S7U11000BA, 1S7U11000BB, 1S7U11000BC

ID 14.43, OD 17.31, Length 13.20



Pkg. 10

142014 Bushing

Servicing: 1140757, 1144505, 1197912, 1209193, 1233277, 1237323, 1350459, 1368974, 1386127, 1477973, 1483817, 2S6U11000EA

ID 7.00, OD 11.95, Length 8.50

Pkg. 10

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142084 Bushing

Servicing: 1120215, 1140110, 1151641, 1214371, 1387062, 1450653, 1s7u11000ba, 1s7u11000bb, 1S7U11000BC, 2S7T11000DA, 2S7T11000DB

ID 14.30, OD 19.10, Length 12.50

Pkg. 10



332864 Bushing

Servicing: 1542468

ID 12.08, OD 15.55, Length 5.50

Mandrel YAAT00013 has to be used.

Pkg. 100



B140987 Bushing

Replacing: 140987

ID 8.12, OD 12.45, Length 10.00

Alternative no.: 140987

Pkg. 100


B140991 Bushing

 Replacing: 140991
 ID 7.06, OD 11.99, Length 10.00
 Alternative no.: 140991

Bearings
Needle Bearings

Pkg. 10


140242 Needle Bearing

Replacing: mc189a, e4fz11135a, d6az11135a, D6AF11448AA, C6VY11135A, C6VF11135A

 Servicing: PMGR series, M78, M79, 1027772, 1057652, 1057654, 1057661, 1058429, 1061267, 1073093, 1076141, 1085273, 1087280
 ID 12.00, OD 16.00, Height 10.00, Rolls 18

Pkg. 10


140620 Needle Bearing

 Replacing: e90f11448ba
 Servicing: 1008838, 1011331, 1018883, 1030151, 1057652, 1057654, 1057661, 1063999, 1064000, 1067622, 1076141, 1085273, 1087280
 ID 6.00, OD 10.00, Height 8.00, Rolls 8, Bushing w/o, Lock ring w/o, Oil seals w/o, Teflon ring w/o

Pkg. 5


140920 Needle Bearing

 Servicing: F8RU11000AA
 ID 17.46, OD 22.23, Height 9.40, Rolls 24

Pkg. 10


141209 Needle Bearing

 Servicing: 1120215, 1140110, 1151641, 1197912, 1209193, 1214371, 1233277, 1386127, 1387062, 1449615, 1450653, 1541002, 1s7u11000ba
 ID 14.29 (9/16"), OD 19.05 (3/4"), Height 12.70 (1/2"), Rolls 19

Repair Kits

136250 Repair Kit

Replacing: f1du10576a


232949# Terminal Kit

Total length 42.25, Thread length 26.50, Thread size M8


233041# Terminal Kit

 Replacing: SZ656, CODZ11102C, CODZ11102A, c0dz-11102-a
 Total length 42.00, Thread length 24.70, Thread size M8

Sundry Parts
Thru Bolts

Pkg. 10


230795 Through Bolt

 Replacing: N807790S36B
 Total length 5.00 (7/8"), Length/ rear collar 149.20, Thread length 15.00/16", Thread size 10-24 UNC

Pkg. 2


231144 Through Bolt

 Servicing: 1057661, 1076141, 1085273, 1367529, 1X4U11000AA, 4X4U11000AB, 93BB11000KA, 93BB11000KB, 93BB11000KC, 93BB11000KD
 Total length 141.30, Thread size M6, Thread size/ rear M5

Various

131442 Stop Collar Kit

 Replacing: D20Z13304A
 Servicing: 5MT, 8MT, 10MT

132754# Contact Kit

Replacing: SZ741, d7fz11134a



Pkg. 10

135574 Steel Ball

Replacing: MCE443, E90Z11A172A
 Servicing: 1024508, 1027928, 1057652, 1057654, 1057661, 1058429, 1059179, 1061458, 1063999, 1064000, 1067622, 1073093, 1073108
 OD 6.35, Material Steel



Pkg. 10

136639 Rubber Seal



Pkg. 10

137527 Retainer

Servicing: 1024508, 1027928, 1057652, 1057654, 1057661, 1058429, 1059179, 1061458, 1063999, 1064000, 1067622, 1073093, 1073108
 ID/ housing 12.00,
 OD/ housing 17.80, Thickness 3.40,
 Material Steel

Pkg. 10



137528 Stop Collar

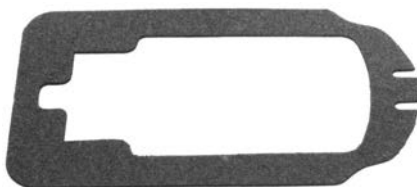
Servicing: 1024508, 1027928, 1057652, 1057654, 1057661, 1058429, 1059179, 1061458, 1063999, 1064000, 1067622, 1073093, 1073108
 ID 10.50, OD 15.60, Height 2.70



Pkg. 5

231149 Tension Pin

OD 3.97, Length 22.22



232945# Gasket

Replacing: SZ592, C2DF11065A, c2df-11065-a
 Length 138.30, Thickness 1.60,
 Width 80.75 mm

Pkg. 5



233010 Stop Collar

Replacing: C5AZ10A355A
 Servicing: 30MT, 35MT
 Used w/ retaining ring: HC-CARGO 233009.

Pkg. 5



233020# Contact Kit

Replacing: C20Z11134A, c20z-11134-a
 Servicing: 4½" DD



233022# Contact Kit

Replacing: SZ693, d1fz-11134-a
 Servicing: 4½" DD



233027# Cover

Replacing: SZ749, D8AZ11060A, d8az-11060-a
 Servicing: c7af11001b, d80f11001aa



233036# Retaining Sleeve

Replacing: C0DF11105A, c0df-11105-a
 Servicing: c7af11001b, d80f11001aa



233037# Retaining Sleeve

Replacing: E3AZ11105A, E2BZ11105A, e2bz-11105-a



233405# Insulator

Pkg. 10



233408 Screw

Replacing: 387448-s100, 383338-s2
 Servicing: 5MT, 10MT, D80F11001AA, E1AF11001BA
 Thread 10.32, Total length 41.00/64",
 Thread length 1/2", Head type Hex washer
 w/ lock.

Pkg. 10


233439# Screw

Replacing: E4FZ11415A, C2DF11415A
 Servicing: c7af11001b, D80F11001AA,
 E1AF11001BA

Thread 7/16"-14.00, Total length 5/8",
 Thread length 9.50

 Pkg. 5

234294# Brake Washer

Replacing: sz628, CODZ11036A
 Servicing: c7af11001b, D80F11001AA,
 e1af11001ba

ID 15.88, OD 34.93, Thickness 3.20,
 Material Fiber

 Pkg. 10

236907 Gasket

Servicing: 1120214, 1120215, 1140110,
 1140111, 1151641, 1214371, 1218885,
 1387062, 1449615, 1450653, 1465010,
 1541002, 1S7U11000AA

Thickness 4.90

 Pkg. 10

239804 Gasket

Replacing: 1su11000ad, 1su11000ac
 Servicing: 1120214, 1140111, 1218885,
 1251700, 1300504, 1325943, 1366473,
 1366986, 1379702, 1465010, 1477482,
 1478129, 1S7U11000AA

Thickness 5.00, Material Rubber

Bushings

Pkg. 10

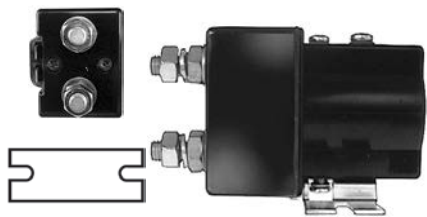


141141 Bushing

ID 20.50, OD 26.55, Length 11.90

Solenoids

24 Volt



138685 Solenoid

Replacing: sw80-753pee

24 V, 100 Amp, B+ M8,

Total length 93.80, Heig

ht/ B+ 20.25, Coil bolt M8,

Coil bolt 2 20.10, No./ terminals 4

Silver contact.

Armatures

12 Volt



132454 Armature

Replacing: 2114-91008, 2114-71108, 2114-71104, 2114-71005, 2114-31009

Servicing: S114-242, S114-254B, s114-254d, s114-255a, S114-257, S114-257G, S114-257H, s114-264, S114-268, S114-293, S114-338

1.4 kW, Shaft length 167.20,
Core thickness 52.90, No./ teeth 11,
Rotation CR/ACR



132456 Armature

Replacing: 2130-31002, 2130-1101

Servicing: S13-101, S13-105, S13-105A, S13-129, S13-529, S13-66, S13-66A, S13-69, S13-81

2 kW, Shaft length 174.15,
Core thickness 52.70, No./ teeth 11,
Rotation CR/ACR



132457 Armature

Replacing: 2130-7100, 2130-3100

Servicing: S13-06, S13-06A, s13-14, s13-15, s13-18, S13-24, S13-25, S13-27, S13-27A, s13-28, S13-31, S13-32, S13-32A, S13-55

2.2 kW, Shaft length 300.00,
Core thickness 74.50, No./ splines 12,
Rotation CR



132798 Armature

Replacing: 2130-91002, 2130-61003, 2130-51003, 2130-51002, 2130-4102, 2130-41004, 2130-31003, 2130-21003

Servicing: s13-100, s13-102, S13-104, S13-106A, S13-106B, S13-106C, S13-106E, s13-109, S13-109B, S13-111, S13-112, S13-113

2.5 kW, Shaft length 188.00,
Core thickness 52.70, No./ teeth 11,
Rotation CR/ACR



133031 Armature

Replacing: 2114-91001

Servicing: S114-146, S114-180, S114-180B, S114-180E, S114-180F, S114-180G, S114-218, S114-218A, S114-219, S114-230, S114-230A

1.2/1.3 kW, Shaft length 205.70,
Core thickness 64.90, No./ splines 10,
Rotation CR



133849 Armature

Replacing: 2114-71103

Servicing: S114-387, S114-396, S114-412, S114-614

0.8 kW, Shaft length 207.00, Rotation CR,
Core thickness 60.00, No./ splines 10



134121 Armature

Replacing: 2114-91104, 2114-61106, 2114-61005, 2114-51106, 2114-51007

Servicing: S114-252F, S114-253B, S114-256B, S114-258C, S114-290, S114-290A, S114-290B, S114-296A, S114-322, S114-322A, S114-344

1.2 kW, Shaft length 159.10,
Core thickness 52.90, No./ teeth 11,
Rotation CR/ACR



134662 Armature

Replacing: 2114-71008, 2114-51108

Servicing: s114-320, S114-320A, S114-348, s114-348a, s114-390a, s114-391a, S114-443, S114-444, s114-603, s114-604, S114-607

0.8/1 kW, Shaft length 190.00,
Core thickness 60.00, No./ splines 10,
Rotation CR



135093 Armature

Replacing: 2114-81001

Servicing: s114-140, s114-141, s114-156, S114-160, s114-163, S114-163B, S114-163F, S114-208, S114-208B

0.8 kW, Shaft length 234.68,
Core thickness 52.40, No./ splines 10,
Rotation CR



135649 Armature

Replacing: 2114-61103

Servicing: S114-385, S114-629, S114-629A

1 kW, Shaft length 207.00,
Core thickness 64.90, No./ splines 10,
Rotation CR



135653 Armature

Replacing: 2114-21008

Servicing: S114-315, S114-402

0.8 kW, Shaft length 208.70,
Core thickness 52.70, No./ splines 10,
Rotation ACR


135724# Armature

Replacing: 2114-41001
 Servicing: S114-182, S114-182G, S114-216
 0.8 kW, Shaft length 230.00,
 Core thickness 64.95, No./ splines 10,
 Rotation CR


135845 Armature

Replacing: 2114-11003
 Servicing: S114-173, S114-173B, S114-173E,
 s114-173f, s114-301
 0.8 kW, Shaft length 240.00,
 Core thickness 59.95, No./ splines 10,
 Rotation CR


135923# Armature

Replacing: 2114-31008
 Servicing: S114-316, S114-362, S114-362A,
 S114-630
 0.8 kW, Shaft length 212.00,
 Core thickness 59.90, No./ splines 10,
 Rotation ACR


136248 Armature

Replacing: 2130-41003
 Servicing: S13-107, S13-107A, S14-02, S14-
 100D, s14-100e
 2.5 kW, Shaft length 196.15,
 Core thickness 52.65, No./ teeth 11


137092 Armature

Replacing: 2130-31004, 2130-11001
 Servicing: S13-123, S13-33, s13-33a, S13-
 33B, S13-37, S13-37B, S13-38A, S13-38B,
 S13-41, S13-41A, S13-41B, s13-41c, S13-45A
 2.5 kW, Shaft length 165.00,
 Core thickness 60.00, No./ teeth 11,
 Rotation CR/ACR


137119# Armature

Replacing: 2114-41106, 2114-31100
 Servicing: S114-517, S114-517C, S114-518,
 S114-520A, s114-520b, S114-523, S114-526,
 S114-526A, S114-526B, S114-527, S114-527A
 1.2 kW, Shaft length 105.35,
 Core thickness 57.70, No./ teeth 10


137120 Armature

Replacing: 2114-61300, 2114-41100, 2114-4100
 Servicing: S114-850, S114-850A, S114-850B,
 S114-850C, S114-851, S114-851A
 1.4 kW, Shaft length 144.80,
 Core thickness 50.60, No./ teeth 9


137321 Armature

Replacing: 2114-81107, 2114-21105
 Servicing: S114-430A, S114-430B, s114-
 430c, S114-431A, S114-431B, S114-431C,
 S114-432A, S114-439, S114-452, S114-452A,
 S114-456
 1.4 kW, Shaft length 165.90,
 Core thickness 60.00, No./ teeth 9,
 Rotation ACR


137337 Armature

Replacing: 2114-11006
 Servicing: S114-232, S114-232A
 1.2 kW, Shaft length 229.45,
 Core thickness 65.00, No./ splines 10,
 Rotation CR


137473 Armature

Replacing: 2130-61002
 Servicing: S12-85, S12-87, S13-24A, s13-61,
 S13-61A, S13-73, S13-74
 2.1 kW, Shaft length 282.80,
 Core thickness 77.00, No./ splines 12,
 Rotation CR


137948 Armature

Replacing: 2114-51300, 2114-21111, 2114-11111
 Servicing: s114-800, S114-800A, S114-800B,
 S114-801A, s114-801b, S114-801C, S114-
 801D, S114-802A, S114-804, S114-804A,
 s114-805
 1.4 kW, Shaft length 111.25,
 Core thickness 50.85, No./ teeth 8,
 Rotation ACR


138701 Armature

Replacing: 2114-31109, 2114-21100
 Servicing: S114-505A, s114-750, S114-753,
 S114-753C, S114-754A, s114-755, s114-762,
 S114-762A, S114-762B, S114-766, S114-766a
 1.4 kW, Shaft length 109.85, Rotation ACR,
 Core thickness 55.45, No./ teeth 10

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138959 Armature

Replacing: 2114-71001, 2114-51005
Servicing: S114-152, S114-155, S114-160A, S114-160B, S114-160D, S114-160E, s114-160f, S114-160G, S114-160H, S114-161, S114-161B
0.8/1 kW, Shaft length 214.50, Core thickness 52.65, No./ splines 10



138960 Armature

Replacing: 2114-61104
Servicing: S114-414, S114-414A, S114-621
0.8 kW, Shaft length 186.00, Core thickness 52.60, No./ splines 10, Rotation ACR



230201 Armature

Replacing: 2114-11100
Servicing: S114-651, S114-651A, S114-680
0.8 kW, Shaft length 186.55, Core thickness 57.85, No./ splines 10, Rotation ACR



230758 Armature

Replacing: 2114-71109
Servicing: S114-570, S114-570A, S114-570B, S114-570C, S114-650, S114-650A, S114-652, S114-652A, S114-652B, S114-652C, S114-652D
0.9 kW, Shaft length 186.50, Core thickness 57.70, No./ splines 10, Rotation CR



233886 Armature

Replacing: 2130-81004, 2130-61004
Servicing: S13-112A, S13-114A, S13-200, S13-203, S13-204, S13-205, S13-205A, S13-205C, S13-205D, S13-207, S13-207A, S13-207c
2.3 kW, Shaft length 181.00, Core thickness 52.70, No./ teeth 11, Rotation CR



234797 Armature

Replacing: 2114-51004, 2114-11109
Servicing: s114-207, s114-370, S114-370A
1.2 kW, Shaft length 245.25, Core thickness 65.00, No./ splines 10, Rotation CR



235337 Armature

Replacing: 2114-31200
Servicing: S114-870, S114-871, S114-872, S114-874, S114-876, S114-878A, S114-883, s114-884
1.7 kW, Shaft length 111.00, Core thickness 55.10, No./ teeth 8, Rotation CR



235632 Armature

Replacing: gsb107-1100
Servicing: gsb107-01, gsb107-01a, gsb107-04a, gsb107-04c, gsb107-06, gsb107-06e, gsb107-06f
Shaft length 224.00, Core thickness 67.16 22 A.

330156 Armature

Servicing: s114-902, S114-902A
1 kW, Shaft length 103.05, Core thickness 50.62, No./ teeth 8



333061 Armature

Shaft length 174.00, Core thickness 52.70, No./ splines 11, Rotation CR

24 Volt



132458# Armature

Replacing: 2250-6150
Servicing: S25-106A, S25-129A, S25-129C, S25-131, S25-131A, S25-152, S25-155C, S25-155D, S25-74A, S25-75, S25-75A
3.2 kW, Shaft length 283.70, Rotation CR, Core thickness 76.95, No./ splines 12



133056 Armature

Replacing: 2270-3100, 2250-71002, 2250-21001
Servicing: S25-110F, S25-110G, S25-110K, S25-110L, S25-110M, s25-115, s25-115a, S25-125A, S25-125B, S25-135A, S25-137B, S25-142
3.5 kW, Shaft length 165.00, Core thickness 60.00, No./ splines 11, Rotation CR/ACR


135723# Armature

Replacing: 2250-31001

Servicing: S25-120, S25-120A, S25-121A, S25-140, S25-154, S25-157

3.5 kW, Shaft length 283.50, Rotation CR, Core thickness 77.00, No./ splines 12


136189 Armature

Replacing: 2310-31001, 2210-31001

Servicing: S210-108, S210-90, S210-92

5.5 kW, Shaft length 240.00, Core thickness 74.50, No./ teeth 12, Rotation CR/ACR


138830 Armature

Replacing: 2240-2100

Servicing: S24-01C, S24-01D, S24-03A, S24-03B, S24-03C, S24-05A, S24-05B, S24-07, S24-08, S24-08A, S24-10, S24-11, S24-12, S24-13

3/3.2/3.5 kW, Shaft length 196.00, Core thickness 52.70, No./ teeth 11, Rotation CR


333059 Armature

Replacing: 2240-3100

Servicing: S25-161, S25-163A, S25-163B, S25-163C, S25-163E, S25-163F, S25-163G, S25-167

Shaft length 196.00, Core thickness 52.70, No./ teeth 11

Yokes w/magnets
12 Volt

137831# Yoke

Replacing: 2114-52507

Servicing: S114-516, S114-516A, S114-525a, S114-528, S114-528A

12 V, 1.4 kW, OD/ middle 79.00, Length 82.00, Brush gear w/o, Magnets w/


138505 Yoke

Replacing: 2114-72507, 2114-52100

Servicing: S114-800, S114-800a, S114-800B, S114-802A, S114-804, S114-804A, S114-805, S114-805A, S114-806, S114-806A, S114-808

12 V, 1.4 kW, OD/ middle 67.85, Length 60.55, Brush gear w/o, Magnets w/


138704# Yoke

Replacing: 2114-92506

Servicing: S114-750, S114-762, S114-762A, S114-762B, S114-766, S114-766A, S114-767, S114-780, S114-906

12 V, 1.4 kW, OD/ middle 74.20, Length 73.75, Brush gear w/o, Magnets w/


139167# Yoke

Replacing: 2114-42507

Servicing: S114-312, S114-413A, S114-566, S114-570, S114-570A, S114-570B, S114-570C, S114-650, S114-650A, S114-650B, S114-659

12 V, 0.8 kW, OD/ middle 79.00, Length 68.50, Brush gear w/o, Magnets w/


139788 Yoke

Replacing: 2114-82507

Servicing: S114-801A, S114-801B, S114-801C, S114-801D, S114-844, S114-850, S114-850A, S114-850B, S114-850C

12 V, 1.4 kW, OD/ middle 67.90, Length 60.60, Rotation ACR, Brush gear w/o, Magnets w/

Yoke Parts
Magnets

231908 Magnet (south)

Servicing: S114-419, S114-419a

Length 65.00, Height 11.40, Width 33.50, Pole type South


231909 Magnet (north)

Servicing: S114-419, S114-419a

Length 65.00, Height 8.70, Width 33.10, Pole type North


232997 Magnet

Servicing: S114-419a

Length 65.00, Height 8.60, Width 32.80

Pkg. 10

Field Cases



231489 Field Case

Replacng: s24-01b, s24-01c, s24-01d, S24-03A, s24-03b, s24-03c, s24-05a, s24-05b, s24-07, s24-08, s24-08a, s24-11, s24-12, s24-13
OD/ middle 80.20, Length 92.20, Brush gear w/o, Magnets w/o

Field Coils



135727 Field Coil

Replacng: 2120-4259

Servicing: S12-19C, S12-63, S12-63A, S12-63B, S12-63C, S12-68, S12-68B, S12-68D, S12-77A, S12-78, S12-79, S12-83
12 V, 1.6/1.8 kW, Height 116.55, Width 255.65, Internal height 68.50, Inner width 24.35

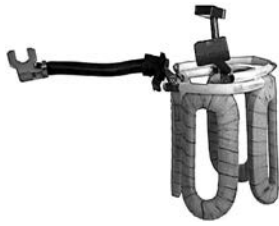
12 Volt



133652# Field Coil

Replacng: 2114-72005, 2114-52003

Servicing: s114-253b, s114-344, S114-440, S114-471, S114-471A, S114-472A, s114-473, S114-475, S114-475A, S114-482, S114-486
12 V, 1.2 kW, Height 71.75, Width 180.55, Internal height 38.60, Inner width 14.35, Rotation ACR



135101 Field Coil

Replacng: 2130-92102, 2130-9210, 2130-82101, 2130-22102, 2130-12001

Servicing: S13-100, s13-102, S13-104, S13-106A, S13-106B, S13-106C, S13-106E, S13-109, S13-109B, S13-111, S13-112, S13-112A
12 V, 2 kW, Height 92.00, Internal height 57.00, Inner width 16.75
Brush set: HC-CARGO 140567.



135874 Field Coil

Servicing: S114-257, S114-257G, S114-481, S114-481A, S114-483, S114-483A

12 V, 1.4 kW, Height 73.85, Width 179.70, Internal height 46.80, Inner width 14.45



135918# Field Coil

Replacng: 2114-62101

Servicing: S114-160A, S114-160B, S114-160D, S114-160E, s114-160F, S114-160G, S114-160H, S114-162D, S114-163E, S114-213A, S114-225

12 V, 0.8 kW, Height 85.25, Internal height 53.00, Inner width 15.40



137303# Field Coil

Replacng: 2130-2230

Servicing: S13-105, S13-105A, S13-129, S13-329, S13-529

12 V, 2 kW, Height 84.40, Internal height 48.70, Inner width 16.85



137322# Field Coil

Replacng: 2114-32101, 2114-22103

Servicing: S114-152, S114-155, S114-161, S114-161B, S114-161E, S114-161F, S114-164, S114-164A

12 V, 0.8 kW, Height 86.00, Internal height 52.20, Inner width 15.25



138342# Field Coil

Replacng: 2114-82003

Servicing: S114-257G, S114-257H, S114-338A, S114-342, S114-342A, S114-349, S114-368, S114-429, S114-429A, S114-448, S114-449

12 V, 1.4 kW, Height 82.20, Internal height 46.00, Inner width 14.35



139073# Field Coil

Replacng: 2114-72106

Servicing: S114-349A, S114-349B, S114-408

12 V, 1.8/2.5 kW, Height 76.00, Internal height 38.40, Inner width 14.50



139165 Field Coil

Replacng: 3130-72103, 2130-72102, 2120-8350

Servicing: S12-48, S12-58, S13-203, S13-24, S13-25, S13-302, S13-302A, S13-302B, S13-305, S13-305A, S25-100A, S25-103, S25-121A

12 V, 2 kW, Height 90.85, Internal height 55.90, Inner width 16.80


139176 Field Coil

Replacing: 2130-62102

Servicing: S13-207, S13-207A, s13-207c, S13-212, S13-289, S13-289A, s13-294, S14-203

12 V, 170 Amp, 2 kW, Height 90.92, Internal height 56.70, Inner width 17.30, Rotation CR


230062# Field Coil

Replacing: 2114-82107

Servicing: S114-431A, S114-431B, S114-431C, S114-432A, S114-441A, S114-441B, S114-452, S114-452A, S114-456, S114-456A, S114-460

12 V, 1.4 kW, Height 74.45, Internal height 41.75, Inner width 18.95, Rotation ACR


231167 Field Coil

Replacing: 2130-22001

Servicing: S13-107, S13-107A, S14-02, S14-03

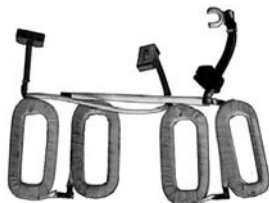
12 V, 2.5 kW, Height 93.00, Internal height 55.90, Inner width 16.80


234099 Field Coil

Replacing: 2130-8220, 2130-42101

Servicing: S13-33, s13-33a, s13-33b, s13-37, s13-37b, S13-38A, s13-38b, s13-41, s13-41a, s13-41b, S13-45A, s13-45b, s13-46a

12 V, 1.8/2.5 kW, Height 90.00, Internal height 58.45, Inner width 21.00

24 Volt

134346 Field Coil

Replacing: 2250-92001, 2250-8205, 2250-82002, 2250-7210, 2250-72002, 2250-62002, 2250-5210, 2250-52002

 Servicing: S24-64B, S24-64E, S25-110F, S25-110G, S25-110K, S25-110L, S25-110M, s25-125a, S25-125B, S25-128, S25-137B, S25-142
 24 V, 3.5 kW, Height 82.55, Width 210.40, Internal height 56.70, Inner width 19.40

233701# Field Coil

Replacing: 2240-2200

 Servicing: S24-01B, S24-01C, S24-01D, S24-03A, S24-03B, S24-03C, S24-05A, S24-05B, S24-07, S24-08, S24-08A, S24-11, S24-12, S24-13
 24 V, 3.5 kW, Height 80.90, Width 185.75, Internal height 55.70, Inner width 16.90

C.E. Brackets

137836 C.E. Bracket

Replacing: 2130-73014, 2130-43015

 Servicing: S13-102, S13-105, S13-105A, S13-106A, S13-106B, S13-106C, S13-106E, S13-121, S13-122, S13-126, S13-126A, S13-127
 ID 76.50

137936 C.E. Bracket

Replacing: 2130-7300

 Servicing: S12-52, S13-06A, S13-14, S13-18, S13-27, S13-27A, S13-28, S25-131, S25-131A, S25-155C, S25-155D, S25-74A
 ID 108.80

230487 C.E. Bracket

Replacing: 2114-33504, 2114-33502

Servicing: S114-800, S114-800A, S114-800B, S114-802A, S114-804, S114-804A, S114-805, S114-805A, S114-806, S114-806A, s114-808


230636 C.E. Bracket

Replacing: 2130-63015

 Servicing: s13-106e, S13-112A, S13-114A, s13-127c, S13-200, S13-203, S13-204, S13-205, S13-205A, S13-205C, S13-205D, S13-212
 ID 76.00

231106 C.E. Bracket

Replacing: 2114-83003

Servicing: S114-252F, S114-253B, S114-254B, S114-254D, S114-255A, S114-256B, S114-257, S114-257G, S114-257H, S114-258C, s114-264

ID 75.50


231303# C.E. Bracket

Replacing: 2114-93007, 2114-43001

Servicing: S114-170E, S114-172E, S114-173, S114-173B, S114-173E, S114-173F, S114-177, S114-229, s114-229e, S114-298, S114-316

ID 84.50



234637 C.E. Bracket

Servicing: S114-829, S114-829A, s114-829b, s114-829qa, S114-869, S114-902, S114-902A, S114-903, S114-903A, S114-905, S114-906
ID 65.50



235750 C.E. Bracket

Servicing: s114-829a, s114-829b

D.E. Brackets



137830# D.E. Bracket

Replacing: 2114-26607
Servicing: S114-516, S114-516A, S114-528, S114-528A



137835 D.E. Bracket

Replacing: 2130-96007, 2130-76005, 2130-46007
Servicing: S13-106A, s13-106b, S13-106C, s13-106e, s13-127, S13-127A, s13-127c, S13-137A



138154# D.E. Bracket

Replacing: 2114-56503
Servicing: S114-152, S114-155, S114-160, S114-160A, s114-160b, s114-160d, s114-160e, S114-160F, s114-160g, S114-160H, S114-161



138305# D.E. Bracket

Replacing: 2240-2600
Servicing: S24-03A, S24-03B, S24-03C, S24-13, S25-161



138613 D.E. Bracket

Replacing: 2130-46005
Servicing: S13-104, S13-92A



139766# D.E. Bracket

Replacing: 2114-26613
Servicing: s114-473, S114-480, S114-480A, S114-480B



230229# D.E. Bracket

Replacing: 2114-76611
Servicing: S114-519A, s114-525a



230485# D.E. Bracket

Servicing: s13-89, s13-89a, s13-89b, s13-89c



230638# D.E. Bracket

Replacing: 2114-16602
Servicing: S114-391A, S114-604



230665# D.E. Bracket

Replacing: 2130-56100
Servicing: S13-203, S13-305, S13-305A



230890# D.E. Bracket

Replacing: 2130-16006
Servicing: S13-112, S13-114



230891# D.E. Bracket

Replacing: 2114-16505
Servicing: S114-316, S114-630


231852 D.E. Bracket

Replacing: 2144-66500, 2114-66500, 2114-26300

Servicing: S114-850, s114-850a, s114-850b, S114-850C


234348# D.E. Bracket

Servicing: S114-231B, s114-235


234479 D.E. Bracket

Replacing: 2130-46102, 2130-26007, 2130-16008

Servicing: s13-122, S13-126, S13-126A


234636 D.E. Bracket

Servicing: s114-829, s114-829a, S114-829B


235456 D.E. Bracket

Replacing: 2130-96101

Servicing: s13-122, S13-322, S13-326


235658 D.E. Bracket

Replacing: 2130-26100

Servicing: S13-207, S13-207A, s13-207c, S13-289, S13-289A, S13-89, S13-89A, s13-89b, s13-89c, s13-89d

I.M. Brackets


137459 I.M. Bracket

Replacing: 2250-34001

Servicing: S13-33A, S13-33B, S13-38A, s13-38b, S13-45A, s13-45b, s25-110g, S25-110K, S25-110M, S25-156, s25-164a


138705# I.M. Bracket

Replacing: 2114-24102

Servicing: S114-758, S114-765, S114-775, S114-775A

Bushing: HC-CARGO 140927.


231302# I.M. Bracket

Replacing: 2120-3400, 2120-1450

Servicing: S12-18, S12-19, S12-19C, S12-19K, S12-43, S12-63, S12-63A, S12-63B, S12-63C, S12-68, S12-68B, S12-68D, S12-77A

Solenoids

12 Volt

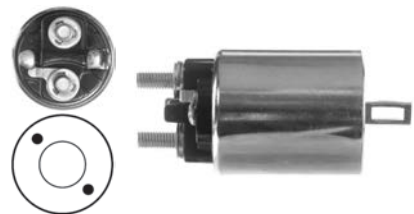

130811 Solenoid

Replacing: 2120m-8700y, 2120M-5700Y, 211N-4700Y, 2114n-4700y, 2114n-4700A, 2114n-4700, 2114n-1750, 2114m-4700y

Servicing: S114-131, S114-152, S114-155, S114-156A, S114-91, S12-19, S12-19K, S12-41A, S12-59

12 V, B+ M8, Kl. 50 6.30, OD 50.90, OD/ cover 49.65, Total length 143.50, Height/ B+ 16.45, Width/ kl. 50 11.40, Coil bolt M8, Coil bolt 2 16.50, No./ terminals 3

Cap: HC-CARGO 134619.


131144 Solenoid

Replacing: 2130-47001, 2130-37003, 2114-87008, 2114-87003, 2114-77004, 2114-47001, 2114-37001

Servicing: S114-147, S114-152, S114-155, S114-160, S114-160A, S114-160B, S114-160D, S114-160E, S114-160F, S114-160G, S114-160H

12 V, B+ M8, Kl. 50 6.30, ID/ cover 21.85, OD 52.20, OD/ cover 48.45,

Total length 112.35, Height/ B+ 17.45,

Width/ kl. 50 15.55, Coil bolt M8,

Coil bolt 2 18.55, No./ terminals 3

Cap: HC-CARGO 133269. Moving contact: HC-CARGO 133270.


131431 Solenoid

Replacing: 2120-67002, 2120-57002, 2120-47002, 2120-37003, 2120-37002, 2120-27002

Servicing: S12-19C, S12-63, S12-63A, S12-63B, S12-63C, S12-68, S12-68B, S12-68D, S12-77A, S12-78, S12-79, s12-82, S13-55, S13-63

12 V, B+ M8, Kl. 50 9.40, OD 52.15,

OD/ cover 44.35, Total length 125.55,

Height/ B+ 18.70, Width/ kl. 50 11.70,

No./ terminals 3

Cap: HC-CARGO 134620. Moving contact: HC-CARGO 139853.



131800 Solenoid

Replacing: 2114-97503, 2114-97004, 2114-87004, 2114-87002, 2114-57604, 2114-57504, 2114-57004, 2114-57001

Servicing: S108-85, S108-86, S108-91, S114-103, S114-146, S114-160A, S114-160H, s114-170b, S114-170E, S114-171, S114-172A

12 V, B+ M8, Kl. 50 6.30, ID/ cover 22.00, OD 52.30, OD/ cover 44.40, Total length 112.20, Height/ B+ 16.45, Width/ kl. 50 17.00, Coil bolt M8, Coil bolt 2 15.00, No./ terminals 3
Cap: HC-CARGO 133269. Moving contact: HC-CARGO 133270.



132058 Solenoid

Replacing: 2114-t7012, 2114-8700, 2114-67006, 2114-47006, 2114-40076, 2114-37003, 2114-27001, 2114-17006

Servicing: S114-149, S114-184, S114-202, s114-202a, S114-244, S114-244A, S114-247, S114-247A, S114-247B, S114-247C, S114-271

12 V, B+ M8, Kl. 50 9.40, ID/ cover 22.10, OD 52.25, OD/ cover 46.75, Total length 112.00, Height/ B+ 16.00, Width/ kl. 50 11.15, Coil bolt M8, Coil bolt 2 15.15, No./ terminals 3
Cap: HC-CARGO 133276. Moving contact: HC-CARGO 133270.

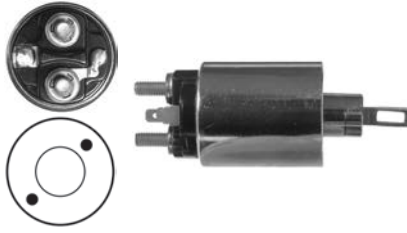


132059 Solenoid

Replacing: 2130-6700, 2130-47012, 2130-27001, 2130-17002, 2120-97001

Servicing: S12-06, S12-28, S12-38A, s12-46, s12-46a, S12-52, s12-58, S12-61, S12-79, s12-88, S13-06A, S13-14, S13-18, S13-23

12 V, B+ M8, Kl. 50 9.40, ID/ cover 20.00, OD 52.20, OD/ cover 46.40, Total length 129.40, Height/ B+ 18.25, Width/ kl. 50 14.00, Coil bolt M8, Coil bolt 2 17.25, No./ terminals 3
Cap: HC-CARGO 133803.

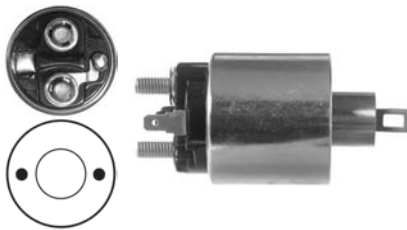


132093 Solenoid

Replacing: 2130-97003, 2130-87007, 2114-t7111, 2114-t7104, 2114-t7101, 2114-57508, 2114-57503, 2114-47606

Servicing: S114-230A, s114-252, s114-252e, S114-252F, s114-253a, S114-253B, S114-254B, S114-254D, S114-255A, S114-257, S114-257G

12 V, B+ M8, Kl. 50 6.30, ID/ cover 21.70, OD 52.25, OD/ cover 44.40, Total length 110.90, Height/ B+ 16.30, Width/ kl. 50 15.30, Coil bolt M8, Coil bolt 2 15.55, No./ terminals 3
Cap: HC-CARGO 133803. Moving contact: HC-CARGO 139853.



132094 Solenoid

Replacing: 2114-t7108, 2114-t7107, 2114-97615, 2114-87613, 2114-87507, 2114-87505, 2114-87504, 2114-77613

Servicing: S114-315, S114-316, S114-317, S114-317A, S114-317B, S114-318, S114-318A, S114-319, S114-320, S114-320A, S114-345

12 V, B+ M8, Kl. 50 6.30, ID/ cover 22.00, OD 52.25, OD/ cover 44.40, Total length 106.80, Height/ B+ 14.60, Width/ kl. 50 16.30, Coil bolt M8, Coil bolt 2 13.65, No./ terminals 3
Cap: HC-CARGO 133778. Moving contact: HC-CARGO 135105.



132420 Solenoid

Replacing: 2114-67002

Servicing: S114-194

12 V, B+ M8, Kl. 50 6.30, ID/ cover 22.15, OD 52.30, OD/ cover 46.90, Total length 142.60, Height/ B+ 19.15, Width/ kl. 50 13.50, Coil bolt M8, Coil bolt 2 19.15, No./ terminals 3
Cap: HC-CARGO 133778.

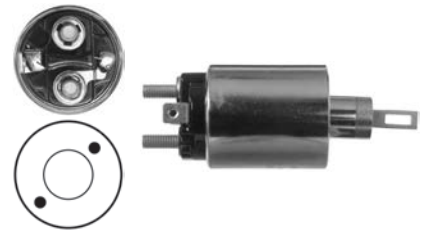


132421 Solenoid

Replacing: 2114-t7103, 2114-77008, 2114-67503, 2114-47504

Servicing: S114-357, S114-357A, S114-357B, S114-357C, S114-387, S114-459, S13-66, S13-66A

12 V, B+ M8, Kl. 50 9.40, OD 52.30, OD/ cover 44.55, Total length 110.80, Height/ B+ 14.15, Width/ kl. 50 11.00, Coil bolt M8, Coil bolt 2 14.65, No./ terminals 3
Cap: HC-CARGO 133276.



132698 Solenoid

Replacing: 2114-77007, 2114-47507, 2114-47009, 2114-37504

Servicing: S114-290, S114-290A, S114-290B, S114-303, S114-374B, S114-403B, S114-441A, S13-121, S13-62, S13-62A, S13-62B, S13-70A

12 V, B+ M8, Kl. 50 9.40, ID/ cover 22.15, OD 52.10, OD/ cover 44.35, Total length 112.40, Height/ B+ 18.45, Width/ kl. 50 13.00, Coil bolt M8, Coil bolt 2 17.15, No./ terminals 3
Cap: HC-CARGO 133803.



132915 Solenoid

Replacing: 2114-27006

Servicing: S114-237

12 V, B+ M8, Kl. 15a 6.30, Kl. 50 4.70, ID/ cover 21.70, OD 52.15, OD/ cover 47.40, Total length 111.30, Height/ B+ 15.90, Width/ kl. 15a 16.00, Width/ kl. 50 16.45, Coil bolt M8, Coil bolt 2 14.85, No./ terminals 4
Cap: HC-CARGO 133780.


133043 Solenoid

Replacing: 2130-8700, 2130-67004, 2130-57012, 2130-57004, 2130-17004

Servicing: S12-62, S13-138, s13-138a, S13-32, S13-32A, S13-61, S13-61A, S13-73, S13-74, S13-86, S13-87

12 V, B+ M8, Kl. 50 9.40,
ID/ cover 22.00, OD 52.30,
OD/ cover 44.35, Total length 129.85,
Height/ B+ 16.55, Width/ kl. 50 13.25,
Coil bolt M8, Coil bolt 2 15.55,
No./ terminals 3

Cap: HC-CARGO 133276.

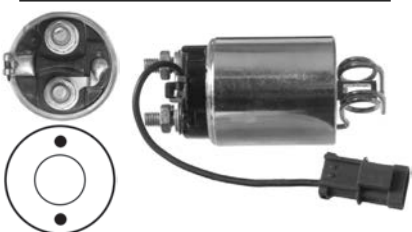

133044 Solenoid

Replacing: 2114i-1700, 2114-77505, 2114-27504, 2114-27502, 2114-27005

Servicing: S114-348, S114-348A, s114-362, S114-362A, s114-398, S114-418, s114-419, S114-419A, s114-456, S114-517, S114-517C

12 V, B+ M8, Kl. 50 9.40,
ID/ cover 22.40, OD 52.15,
OD/ cover 44.50, Total length 111.80,
Height/ B+ 15.15, Width/ kl. 50 12.25,
Coil bolt M8, Coil bolt 2 14.95,
No./ terminals 3

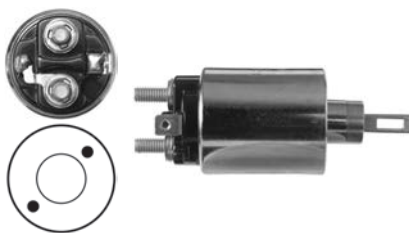
Cap: HC-CARGO 133276. Moving contact: HC-CARGO 135105. Spring: HC-CARGO 134740.


133045 Solenoid

Replacing: 2114-57506

Servicing: S114-430A, S114-430B, S114-430C, S114-439, S114-471, S114-471A, S114-472A, S114-482

12 V, B+ M8, OD 52.55,
OD/ cover 45.00, Total length 108.75,
Height/ B+ 16.10, Coil bolt M8,
Coil bolt 2 17.35, No./ terminals 3
Cap: HC-CARGO 134624.


133047 Solenoid

Replacing: 2130-97006, 2130-77001, 2130-57001, 2130-27003, 2114-97509

Servicing: S114-293, S114-303, S114-303A, S114-338A, S114-339A, S114-339C, S114-339D, S114-367, s114-429, S114-429A, S114-453

12 V, B+ M8, Kl. 50 9.40,
ID/ cover 21.90, OD 52.30,
OD/ cover 44.40, Total length 112.60,
Height/ B+ 16.70, Width/ kl. 50 13.45,
Coil bolt M8, Coil bolt 2 15.50,
No./ terminals 3

Cap: HC-CARGO 133276.


133054 Solenoid

Replacing: 2114-67504, 2114-37502, 2114-37005

Servicing: S114-177, S114-295, S114-352, S114-370, S114-370A, S114-427, s114-481, S114-481A

12 V, B+ M8, Kl. 50 6.30,
ID/ cover 22.00, OD 52.10,
OD/ cover 44.35, Total length 112.30,
Height/ B+ 16.30, Width/ kl. 50 15.15,
Coil bolt M8, Coil bolt 2 15.00,
No./ terminals 3

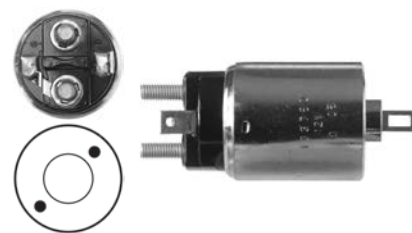
Cap: HC-CARGO 133778.


133749 Solenoid

Replacing: 2130-97004, 2130-37008, 2130-37004

Servicing: S13-136, S13-322, S13-326, S13-92A

12 V, B+ M8, Kl. 50 9.40,
ID/ cover 22.30, OD 52.20,
OD/ cover 45.00, Total length 126.55,
Height/ B+ 21.35, Width/ kl. 50 11.50,
Coil bolt M8, Coil bolt 2 21.25,
No./ terminals 3

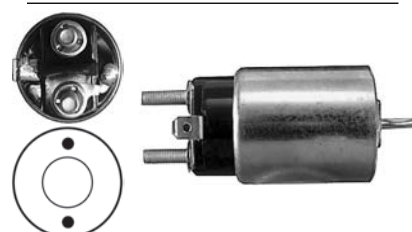

133750 Solenoid

Replacing: 2130-97008, 2130-77005, 2130-67005

Servicing: S13-106A, S13-106B, S13-106C, S13-107, S13-107A, S13-127, S13-127A, S13-127C, S13-137A, S13-213, S13-327, S14-02

12 V, B+ M8, Kl. 50 9.40,
ID/ cover 25.25, OD 52.70,
OD/ cover 47.70, Total length 122.20,
Height/ B+ 18.65, Width/ kl. 50 15.90,
Coil bolt M8, Coil bolt 2 18.20,
No./ terminals 3

Cap: HC-CARGO 137798. Moving contact: HC-CARGO 139853.


135008 Solenoid

Replacing: 2130-87005, 2130-27006

Servicing: S13-111, S13-112, S13-112A, S13-113, S13-114, S13-114A, S14-03, S14-203

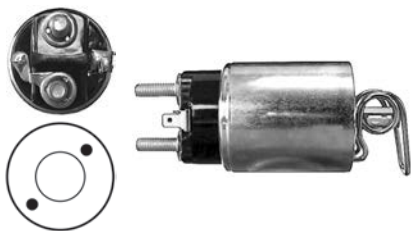
12 V, B+ M8, Kl. 50 9.40,
ID/ cover 22.25, OD 52.20,
OD/ cover 45.00, Total length 125.90,
Height/ B+ 21.25, Width/ kl. 50 12.00,
Coil bolt M8, Coil bolt 2 21.20,
No./ terminals 3


135287 Solenoid

Replacing: 2114-67610

Servicing: S114-750, S114-766A

12 V, B+ M8, OD 52.00,
OD/ cover 44.25, Total length 97.35,
Height/ B+ 15.25, Coil bolt M8,
Coil bolt 2 15.15, No./ terminals 3
Cap: HC-CARGO 138819.

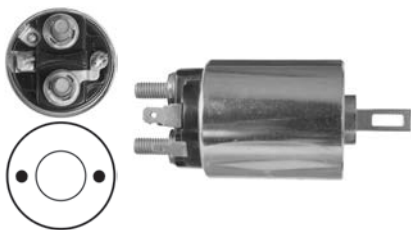

135370 Solenoid

Replacing: 2130-57005

Servicing: S114-357C, S13-105, S13-105A, S13-129, S13-131, S13-329

12 V, B+ M8, Kl. 50 6.30, OD 52.25, OD/ cover 45.00, Total length 125.35, Height/ B+ 21.10, Width/ kl. 50 12.95, Coil bolt M8, Coil bolt 2 21.00, No./ terminals 3

Moving contact: HC-CARGO 139853.


135877 Solenoid

Replacing: 2114-27008

Servicing: S114-232, S114-232A

12 V, B+ M8, Kl. 15a 4.70, Kl. 50 6.30, ID/ cover 22.00, OD 52.20, OD/ cover 44.35, Total length 112.15, Height/ B+ 16.20, Width/ kl. 15a 15.15, Width/ kl. 50 16.85, Coil bolt M8, Coil bolt 2 15.40, No./ terminals 4

Cap: HC-CARGO 133780.

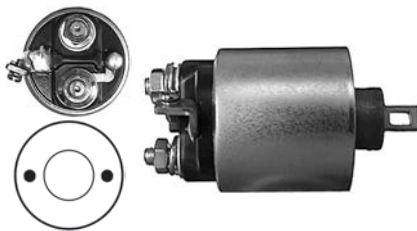

137795 Solenoid

Replacing: 2114-77601

Servicing: s114-503a, S114-516, S114-516A

12 V, B+ M8, ID/ cover 22.50, OD 52.25, OD/ cover 44.35, Total length 97.65, Height/ B+ 15.30, Coil bolt M8, Coil bolt 2 15.65, No./ terminals 4

Cap: HC-CARGO 137796.

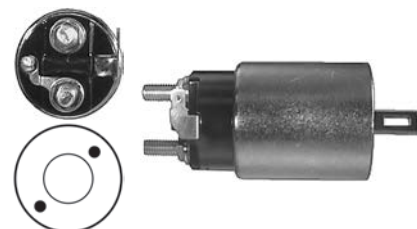

138170 Solenoid

Replacing: 2114-97612, 2114-37673, 2114-37613

Servicing: s114-850, S114-850A, S114-850B, S114-850C

12 V, B+ M8, Kl. 50 9.40, ID/ cover 22.00, OD 52.00, OD/ cover 44.25, Total length 107.25, Height/ B+ 15.10, Width/ kl. 50 11.45, Coil bolt M8, Coil bolt 2 14.00, No./ terminals 3

Cap: HC-CARGO 139330.


138363 Solenoid

Replacing: 2130-57003

Servicing: S13-101, S13-102

12 V, B+ M8, Kl. 50 6.30, ID/ cover 22.40, OD 52.20, OD/ cover 45.00, Total length 125.90, Height/ B+ 20.95, Width/ kl. 50 21.05, Coil bolt M8, Coil bolt 2 21.60, No./ terminals 3

Cap: HC-CARGO 137798. Moving contact: HC-CARGO 139853.

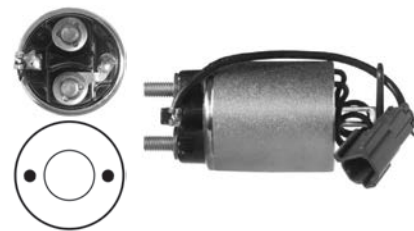

138364 Solenoid

Replacing: 2114-t7208, 2114-47610

Servicing: S114-630, S114-769

12 V, B+ M8, ID/ cover 21.90, OD 52.55, OD/ cover 43.70, Total length 108.45, Height/ B+ 14.00, Coil bolt M8, Coil bolt 2 13.30, No./ terminals 3

Cap: HC-CARGO 138818.

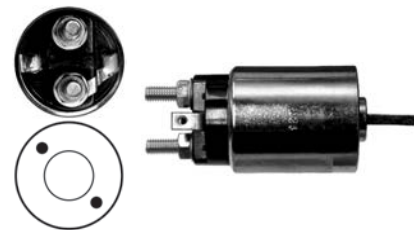

138366 Solenoid

Replacing: 2114-87611, 2114-87601

Servicing: S114-471, s114-471a, S114-472, S114-472A, S114-482, S114-490

12 V, B+ M8, OD 52.30, OD/ cover 44.35, Total length 109.85, Height/ B+ 14.45, Coil bolt M8, Coil bolt 2 14.50, No./ terminals 3

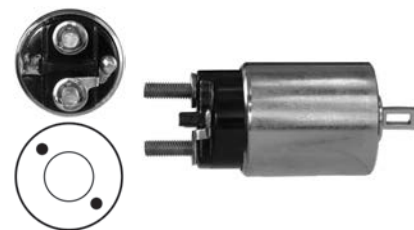
Cap: HC-CARGO 138816.


138739 Solenoid

Replacing: 2130-47005, 2130-17010

Servicing: s13-115, S13-115A, S13-120A, S13-294, S13-94, S13-94A

12 V, B+ M8, Kl. 50 6.30, ID/ cover 21.75, OD 52.20, OD/ cover 44.70, Total length 124.85, Height/ B+ 23.25, Width/ kl. 50 15.65, Coil bolt M8, Coil bolt 2 22.20, No./ terminals 3

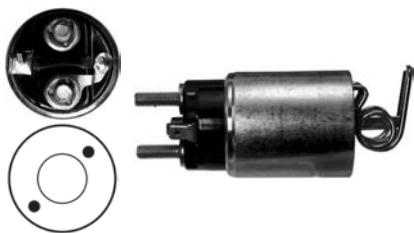

138809 Solenoid

Replacing: 2130-37005

Servicing: S13-104, S13-92A

12 V, B+ M8, Kl. 50 6.30, ID/ cover 22.25, OD 52.00, OD/ cover 45.00, Total length 126.45, Height/ B+ 21.10, Width/ kl. 50 13.35, Coil bolt M8, Coil bolt 2 21.10, No./ terminals 3

Cap: HC-CARGO 138810.


138811 Solenoid

Servicing: S13-91, S13-91A

 12 V, B+ M8, Kl. 50 6.30, OD 52.00,
 OD/ cover 45.00, Total length 125.15,
 Height/ B+ 21.30, Width/ kl. 50 13.45,
 Coil bolt M8, Coil bolt 2 21.35,
 No./ terminals 3

Cap: HC-CARGO 138812.


138814 Solenoid

Replacing: 2114-57606

Servicing: S114-528, S114-528A

 12 V, B+ M8, ID/ cover 22.65, OD 52.00,
 OD/ cover 44.30, Total length 97.15,
 Height/ B+ 15.50, Coil bolt M8,
 Coil bolt 2 15.45, No./ terminals 3

Cap: HC-CARGO 138818.

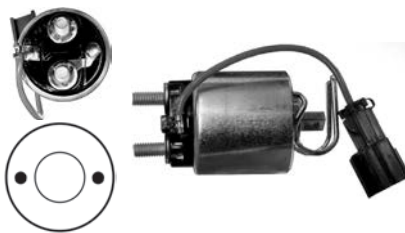

138817[#] Solenoid

Replacing: 2114-57509

 Servicing: S114-374B, S114-403B, s114-457,
 S114-458

 12 V, B+ M8, ID/ cover 22.25, OD 52.25,
 OD/ cover 44.55, Total length 110.35,
 Height/ B+ 15.00, Coil bolt M8,
 Coil bolt 2 14.75, No./ terminals 3

Cap: HC-CARGO 134624.


138823 Solenoid

Replacing: 2114-97605

 Servicing: S114-519A, S114-527, S114-527A,
 S114-527B, S114-569

 12 V, B+ M8, ID/ cover 22.75, OD 52.00,
 OD/ cover 44.35, Total length 97.30,
 Height/ B+ 15.30, Coil bolt M8,
 Coil bolt 2 15.55, No./ terminals 3

Cap: HC-CARGO 138819.


138957 Solenoid

Replacing: 2114-27613

 Servicing: S114-385, S114-808, S114-808A,
 S114-808B, S114-869, S114-925

 12 V, B+ M8, Kl. 50 9.40,
 ID/ cover 22.45, OD 52.00,
 OD/ cover 43.90, Total length 106.80,
 Height/ B+ 12.85, Width/ kl. 50 14.55,
 Coil bolt M8, Coil bolt 2 11.80,
 No./ terminals 3

 Cap: HC-CARGO 139604. Moving contact: HC-
 CARGO 139605.

139164 Solenoid

 Replacing: 2130-87008, 2130-77008, 2130-
 47008

 Servicing: S13-302, S13-302A, S13-302B,
 S13-305, S13-305A, S13-329, S13-331, S13-
 529, S13-531

 12 V, B+ M8, Kl. 50 6.30,
 ID/ cover 24.45, OD 52.80,
 OD/ cover 44.10, Total length 121.45,
 Height/ B+ 23.15, Width/ kl. 50 16.65,
 Coil bolt M8, Coil bolt 2 22.00,
 No./ terminals 3

Cap: HC-CARGO 137798.

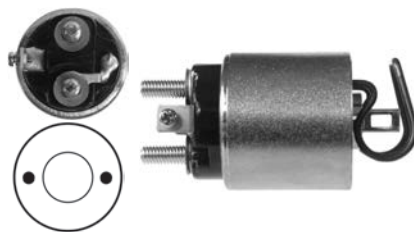

139784 Solenoid

 Replacing: 2114-t7306, 2114-t7160, 2114-
 t7106, 2114-97604, 2114-77607, 2114-
 77507, 2114-77506, 2114-27608

 Servicing: S114-348, S114-348A, S114-376B,
 s114-460, s114-460a, S114-517, S114-517C,
 S114-518, S114-523, S114-558, S114-700A

 12 V, B+ M8, ID/ cover 22.00, OD 52.00,
 OD/ cover 47.10, Total length 107.50,
 Height/ B+ 13.00, Coil bolt M8,
 Coil bolt 2 13.70, No./ terminals 3

Cap: HC-CARGO 234914.


139832 Solenoid

Replacing: 2114-97601, 2114-37608

 Servicing: s114-473, s114-480, S114-480A,
 S114-480B

 12 V, B+ M8, Kl. 50 M4S,
 ID/ cover 22.30, OD 52.05,
 OD/ cover 44.20, Total length 97.50,
 Height/ B+ 16.60, Coil bolt M8,
 Coil bolt 2 16.60, No./ terminals 3

Cap: HC-CARGO 139604.


139833 Solenoid

Replacing: 2114-27505

 Servicing: S114-401B, S13-100, S13-109,
 S13-109B

 12 V, B+ M8, Kl. 50 6.30,
 ID/ cover 22.00, OD 52.30,
 OD/ cover 44.65, Total length 109.85,
 Height/ B+ 14.00, Width/ kl. 50 13.25,
 Coil bolt M8, Coil bolt 2 14.95,
 No./ terminals 3



139834 Solenoid

12 V, B+ M8, Kl. 50 6.30,
ID/ cover 22.10, OD 52.35,
OD/ cover 44.60, Total length 110.45,
Height/ B+ 14.45, Width/ kl. 50 12.90,
Coil bolt M8, Coil bolt 2 14.75,
No./ terminals 3



139958# Solenoid

Replacing: 2280-6700
Servicing: s210-100, s210-104, s210-104a,
s210-98d, s210-98e, S28-23B
12 V, B+ M10, Kl. 15a 9.40,
Kl. 50 9.40, ID/ cover 20.20, OD 70.00,
OD/ cover 59.75, Total length 184.30,
Height/ B+ 28.45, Width/ kl. 15a 12.40,
Width/ kl. 50 13.80, Coil bolt M10,
Coil bolt 2 28.45, No./ terminals 4



230558 Solenoid

Replacing: 2130-57011, 2130-47009
Servicing: s13-160, s13-204, s13-205, S13-
205A, S13-205C, S13-205D, S13-212
12 V, B+ M8, Kl. 50 9.40,
ID/ cover 24.55, OD 52.70,
OD/ cover 44.30, Total length 121.40,
Height/ B+ 23.25, Width/ kl. 50 14.00,
Coil bolt M8, Coil bolt 2 21.65,
No./ terminals 3



231910 Solenoid

Replacing: 2114-87603, 2114-47612, 2114-37506
Servicing: S114-461, S114-461A, S114-461B,
S114-801A, S114-801B, S114-801C, S114-801D
12 V, B+ M8, ID/ cover 21.90, OD 52.00,
OD/ cover 44.35, Total length 123.00,
Height/ B+ 13.65, Coil bolt M8,
Coil bolt 2 13.65, No./ terminals 3
Cap: HC-CARGO 231911.



231996 Solenoid

Replacing: 2114-57610
Servicing: S114-753
12 V, B+ M8, Kl. 50 6.30,
ID/ cover 22.00, OD 52.20,
OD/ cover 44.30, Total length 107.00,
Height/ B+ 14.85, Width/ kl. 50 16.35,
Coil bolt M8, Coil bolt 2 12.85,
No./ terminals 3



232002# Solenoid

Servicing: S114-484
12 V, B+ M8, ID/ cover 22.35, OD 52.00,
OD/ cover 44.35, Total length 110.20,
Height/ B+ 14.60, Coil bolt M8,
Coil bolt 2 14.40, No./ terminals 3



232200 Solenoid

Replacing: 2114-67605
Servicing: S114-520A, s114-520b, S114-530,
S114-533, s114-534, S114-535, S114-570,
S114-570A, S114-570B, S114-570C, S114-750
12 V, B+ M8, Kl. 50 6.30, OD 52.00,
Total length 76.00, Height/ B+ 12.50,
Width/ kl. 50 6.30, No./ terminals 3
Cap: HC-CARGO 138819.



232452 Solenoid

Servicing: S114-829, s114-829a, s114-829b,
S114-829C, S114-829D
12 V, B+ M8, Kl. 50 M4,
ID/ cover 25.80, OD 54.00,
OD/ cover 52.30, Total length 114.50,
Switch dim. 4.30, Height/ B+ 12.50,
Width/ kl. 50 M4, Coil bolt M8,
Coil bolt 2 10.90, No./ terminals 3
Cap: HC-CARGO 231822.



232487# Solenoid

Replacing: 2114-27602
Servicing: S114-615, S114-626, S114-652,
S114-653, S114-653A, S114-653B, S114-657
12 V, B+ M8, Kl. 50 6.30,
ID/ cover 22.75, OD 52.20,
OD/ cover 44.00, Total length 110.70,
Height/ B+ 13.40, Width/ kl. 50 17.00,
Coil bolt M8, Coil bolt 2 13.00,
No./ terminals 3



234555 Solenoid

Replacing: 2120-2700
Servicing: S15-02, S15-03
12 V, B+ M12, Kl. 50 9.40,
ID/ cover 20.20, OD 70.20,
OD/ cover 60.30, Total length 192.65,
Height/ B+ 37.30, Width/ kl. 50 14.70,
Coil bolt M12, Coil bolt 2 37.30,
No./ terminals 3


235068 Solenoid

Replacing: 2140-7700, 2130-67010, 2130-37011

Servicing: S13-210B, S13-210C, S14-210, S14-210a, S14-210B, S14-210C

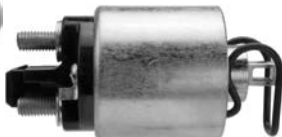
12 V, B+ M8/18.50, Kl. 50 6.30, OD 52.00, OD/ cover 50.30, Total length 96.50, Switch dim. 7.00, Height/ B+ M8/18.50, Width/ kl. 50 6.30, No./ terminals 3


235076 Solenoid

Replacing: 2130-67007, 2130-37010, 2130-17007

Servicing: S13-122, S13-126, S13-126A, S13-322, S13-326

12 V, B+ M8/17.00, Kl. 50 6.30, ID/ cover 14.00, OD 53.00, OD/ cover 49.70, Total length 100.00, Switch dim. 8.80, Height/ B+ M8/17.00, Width/ kl. 50 6.30, No./ terminals 3


238529 Solenoid

Servicing: s13-250, S13-550

12 V, No./ terminals 3


239907 Solenoid

Servicing: S114-905, S114-906, s114-938, S114-943

12 V, B+ M8, OD 52.23, Total length 94.50, Height/ B+ 16.30


330150 Solenoid

Servicing: s114-902, S114-902A, s114-922

12 V, B+ M8, Kl. 50 M5, ID/ cover 24.67, OD 52.10, OD/ cover 50.32, Total length 111.50, Switch dim. 10.56, Height/ B+ 21.43, Coil bolt M8, Coil bolt 2 20.00, No./ terminals 3


332464 Solenoid

Servicing: s13-556, S13-556A

12 V, B+ M8, Kl. 50 M5, OD 52.27, Total length 87.60, Height/ B+ 14.75, Width/ kl. 50 11.31, Coil bolt M8, Coil bolt 2 8.06, No./ terminals 3


333001 Solenoid

12 V, B+ Bolt, Kl. 50 M4, OD 52.20, Total length 113.30, Height/ B+ M8x1.25, Coil bolt 22.60, Coil bolt 2 16.60, No./ terminals 3

24 Volt

132423 Solenoid

Replacing: 2250-97003, 2250-87004, 2250-67003, 2250-47002, 2250-37005, 2250-37001, 2250-27003, 2250-17002

Servicing: S25-106A, S25-110, s25-110a, S25-110B, s25-110c, s25-110f, S25-120, S25-120A, S25-121, S25-121A, S25-131, S25-131A

24 V, B+ M8, Kl. 50 9.40, ID/ cover 22.40, OD 52.30, OD/ cover 44.90, Total length 143.00, Height/ B+ 21.00, Width/ kl. 50 10.65, Coil bolt M8, Coil bolt 2 21.65, No./ terminals 3

Cap: HC-CARGO 134620.


132914 Solenoid

Replacing: 2250M-4700, 2250I-9700, 2250-m4700, 2250-i9700, 2250-77003, 2250-5700, 2250-27002

Servicing: S24-64B, S25-128, S25-129A, S25-129C, S25-132C, S25-132F, S25-64B

24 V, B+ M8, Kl. 50 9.40, ID/ cover 20.45, OD 51.90, OD/ cover 45.10, Total length 165.15, Height/ B+ 20.90, Width/ kl. 50 12.35, Coil bolt M8, Coil bolt 2 20.90, No./ terminals 3

Cap: HC-CARGO 134620.


134812 Solenoid

Replacing: 2270-37001

Servicing: S25-156, s25-64

24 V, B+ M8, Kl. 50 9.40, ID/ cover 22.50, OD 52.15, OD/ cover 44.75, Total length 179.70, Height/ B+ 23.35, Width/ kl. 50 12.85, Coil bolt M8, Coil bolt 2 22.85, No./ terminals 3

Cap: HC-CARGO 134620.


136141 Solenoid

Replacing: 2240-5700

Servicing: S24-03A, S24-03B, S24-03C, S24-07, S24-13, S24-14, S25-161

24 V, B+ M8, Kl. 50 9.40, ID/ cover 25.25, OD 52.75, OD/ cover 44.70, Total length 119.55, Height/ B+ 18.55, Width/ kl. 50 15.40, Coil bolt M8, Coil bolt 2 17.00, No./ terminals 3

Cap: HC-CARGO 134620.



139851 Solenoid

Replacing: 2250-77006, 2250-47007, 2250-17005

Servicing: S25-110G, S25-110K, S25-110L, S25-110M, s25-162, s25-164, S25-164A

24 V, B+ M8, KI. 50 9.40, ID/ cover 21.30, OD 52.30, OD/ cover 45.00, Total length 160.20, Height/ B+ 21.55, Width/ kl. 50 10.95, Coil bolt M8, Coil bolt 2 21.35, No./ terminals 3

Cap: HC-CARGO 139852.



230697 Solenoid

Replacing: 2250-57003

Servicing: S24-64E, s25-64, S25-64E

24 V, B+ M8, KI. 50 6.30, ID/ cover 22.60, OD 53.20, OD/ cover 44.45, Total length 166.30, Height/ B+ 22.20, Width/ kl. 50 24.45, Coil bolt M8, Coil bolt 2 22.20, No./ terminals 3

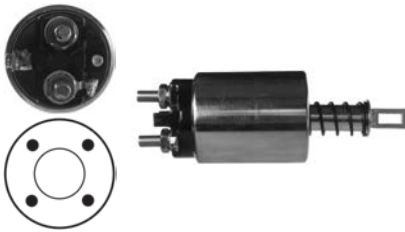


232263 Solenoid

Replacing: 2250-97006, 2250-57006, 2250-27006

Servicing: S25-158, s25-158a, S25-158B

24 V, B+ M8, KI. 50 9.40, ID/ cover 22.00, OD 52.80, OD/ cover 44.80, Total length 159.80, Height/ B+ 23.90, Width/ kl. 50 12.20, Coil bolt M8, Coil bolt 2 23.90, No./ terminals 3



233122 Solenoid

Replacing: 2210m-5700, 2210-17002

Servicing: S210-100, S210-104, S210-104A, S210-108, S210-89, S210-90, S210-98D, S210-98E, s28-23b

24 V, B+ M10, KI. 15a 9.40, KI. 50 9.40, ID/ cover 20.20, OD 69.90, OD/ cover 59.95, Total length 179.35, Height/ B+ 24.00, Width/ kl. 15a 13.00, Width/ kl. 50 13.30, Coil bolt M10, Coil bolt 2 24.40, No./ terminals 3

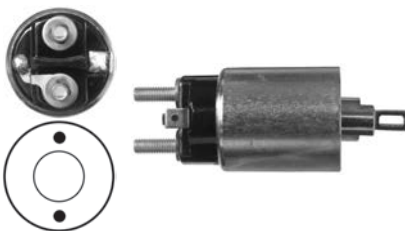


234556 Solenoid

Replacing: 2250-97001, 2250-17007

Servicing: S25-110, s25-110a, S25-110B, s25-110c, S25-110F, s25-121a, S25-125A, S25-125B, S25-142, S25-142A, S25-142B, S25-143C

24 V, B+ M8, KI. 50 9.40, ID/ cover 20.25, OD 63.00, OD/ cover 54.60, Total length 169.65, Height/ B+ 19.20, Width/ kl. 50 13.85, Coil bolt M8, Coil bolt 2 20.25, No./ terminals 3

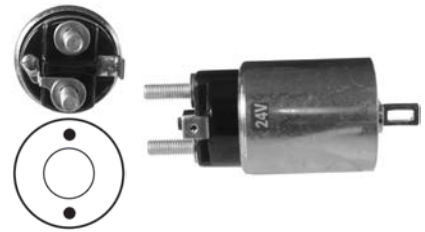


234868 Solenoid

Replacing: 2240-4701

Servicing: S25-163A, S25-163B, S25-163C, S25-163E

24 V, B+ M8, KI. 50 9.40, ID/ cover 21.30, OD 52.00, OD/ cover 45.00, Total length 139.50, Height/ B+ 21.00, Width/ kl. 50 10.20, Coil bolt M8, Coil bolt 2 21.40, No./ terminals 3



234869 Solenoid

Replacing: 2250-37008

Servicing: S25-163F, S25-163G, S25-168, S25-168A, S25-171, S25-501, S25-501A, S25-501B

24 V, B+ M8, KI. 50 9.40, ID/ cover 22.00, OD 52.20, OD/ cover 45.00, Total length 124.20, Height/ B+ 21.30, Width/ kl. 50 11.55, Coil bolt M8, Coil bolt 2 21.35, No./ terminals 3



235814 Solenoid

Replacing: 2240-2700, 2240-1700

Servicing: S24-01B, S24-01C, S24-01D

24 V, OD 53.00, Total length 114.00, No./ terminals 3

Solenoid Parts

Solenoid Caps

Pkg. 5



133269 Solenoid Cap

Servicing: 2114-47001, 2114-47501, 2114-57001, 2114-57504, 2114-77004, 2130-47001, S114-146, S114-147, S114-152, S114-155

No./ terminals 3, Bracket type Crimp HC-CARGO 131144, 131800, 231995.

Pkg. 5



133276 Solenoid Cap

Servicing: 2114-17006, 2114-27001, 2114-27003, 2114-67006, 2114-77001, 2114-77008, S114-103, S114-170B, S114-170E, S114-174

No./ terminals 3, Bracket type Crimp HC-CARGO 132058, 132421, 133043, 133044, 133047.

Pkg. 5


133778 Solenoid Cap

Servicing: 2114-17505, 2114-27501,
 2114-37005, 2114-37503, 2114-37505,
 2114-47005, 2114-57503, 2114-57508, 2114-
 67002, 2114-67505

No./ terminals 3, Bracket type Crimp
 HC-CARGO 132094, 132420, 133054.


133779# Solenoid Cap

Servicing: 2114-87508, S114-460, S114-
 460A, S114-460B, S114-464, S114-464A,
 S114-516, S114-516A

No./ terminals 3, Bracket type Crimp
 HC-CARGO 133046.

Pkg. 5


133780 Solenoid Cap

Servicing: 2114-27006, 2114-27008, S114-
 232, S114-232A, S114-237

No./ terminals 4, Bracket type Crimp
 HC-CARGO 132915, 135877.

Pkg. 5


133803 Solenoid Cap

Servicing: 2114-17005, 2114-37504, 2114-
 77007, 2120-27002, 2120-57002, 2130-6001,
 S114-257, S114-257G, S114-441A, S114-441B

No./ terminals 3, Bracket type Crimp
 HC-CARGO 132059, 132093, 132698.

Pkg. 5


134480 Solenoid Cap

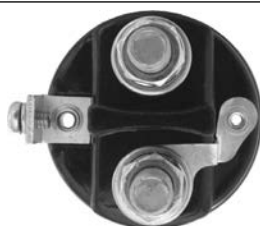
Servicing: 2114-27504, 2114-37004, 2114-
 37606, 2114-47505, 2114-77505, S114-340,
 S114-396, S114-614

No./ terminals 3, Bracket type Crimp
 HC-CARGO 131804, 136397.


134619 Solenoid Cap

Servicing: 2114n-4700y, 2120m-8700y,
 S114-91, S12-19, S12-19K, S12-41A, S12-59,
 S13-06

No./ terminals 3, Bracket type Crimp
 HC-CARGO 130811.


134620 Solenoid Cap

Servicing: 2120-67002, 2130-7705, 2240-
 5700, 2250-22002, 2250-37001, 2250-37005,
 2250-47003, 2250-57003, 2250-87004,
 S12-77A

No./ terminals 3, Bracket type Crimp
 HC-CARGO 131431, 132423, 132914, 133749,
 134812, 135008, 136141.


137798 Solenoid Cap

Servicing: 2130-57005, 2130-77008, S13-
 101, S13-102, S13-105, S13-105A, S13-106A,
 S13-106B, S13-107, S13-107A, S13-127,
 S13-127A

No./ terminals 3, Bracket type Crimp
 HC-CARGO 133750, 139164.


138810 Solenoid Cap

Servicing: 2240-7700, 2240-8700, S13-104,
 S13-92A

No./ terminals 3, Bracket type Crimp
 HC-CARGO 138809.


138812 Solenoid Cap

Servicing: S13-91, S13-91A

No./ terminals 3, Bracket type Crimp
 HC-CARGO 138811.


138816# Solenoid Cap

Servicing: 2114-87601

No./ terminals 3, Bracket type Crimp
 HC-CARGO 138366.


138818 Solenoid Cap

Servicing: 2114-47610, 2114-57603, S114-
 453, S114-454, S114-528, S114-528A, S114-
 806, S114-806A

No./ terminals 3, Bracket type Crimp
 HC-CARGO 138364, 138814.



138819 Solenoid Cap

Servicing: 2114-67605, 2114-87603, 2114-97605, S114-519A, S114-520A, S114-520B, S114-523, s114-525a, S114-530, S114-533, S114-534

No./ terminals 3, Bracket type Crimp
HC-CARGO 135287, 138823, 232200.

Pkg. 5



139330 Solenoid Cap

Servicing: 2114-37613, 2114-97612, S114-850, S114-850A, S114-850B, S114-850C

No./ terminals 3, Bracket type Crimp
HC-CARGO 138170.

Pkg. 5



139604 Solenoid Cap

Servicing: 2114-27613, 2114-97601, S114-473, S114-480, S114-480A, S114-480B, S114-550, S114-550A, S114-808, S114-808A, S114-808B

No./ terminals 3, Bracket type Crimp
HC-CARGO 138957, 139832.



139852 Solenoid Cap

Servicing: 2114-57606, 2250-77006, S25-110G, S25-110K, S25-110M, S25-164A, S25-64, S25-64E

No./ terminals 3, Bracket type Crimp
HC-CARGO 139851.



231822 Solenoid Cap

Servicing: S114-829, s114-829a, s114-829b
No./ terminals 3, Bracket type Crimp

Pkg. 5



231911 Solenoid Cap

Servicing: 2114-87603, S114-461, S114-461A, S114-461B

No./ terminals 3, Bracket type Crimp
HC-CARGO 231910.



234914 Solenoid Cap

Servicing: 2114-77607, s114-700a, s114-701, s114-701a, s114-806, s114-806a

No./ terminals 3

Moving Contacts

Pkg. 5



133270 Moving Contact

Servicing: S114-103, S114-146, S114-152, S114-155, S114-160, S114-160A, S114-160B, S114-160D, S114-160E, S114-160F, S114-160G

Length 29.60, Shaft measurement 29.60, Thickness 2.00

Pkg. 5



135103 Moving Contact

Servicing: 2130-67005, 2130-77005, 2130-97004, 2250-47002

Length 34.30, Shaft measurement 33.45, Thickness 2.90, Width 3.00

Pkg. 10



135104 Moving Contact

Servicing: 2114n-2750

Length 31.00, Shaft measurement 29.40, Thickness 2.25, Width 14.00

Pkg. 5



135105 Moving Contact

Servicing: 2114-87503, S114-317, S114-317B, S114-320, S114-320A, S114-391A, S114-418, S114-419, S114-419A, S114-424, S114-424A

Length 24.20, Shaft measurement 41.00, Thickness 2.00

Pkg. 5



139605 Moving Contact

Servicing: 2114-97601, s13-556, S13-556A

Length 24.00, Shaft measurement 41.50, Thickness 1.80



Pkg. 10

139853 Moving Contact

Servicing: 2250-27002, 2250-27003
 Length 26.00, Shaft measurement 32.80,
 Thickness 2.25

Fixed Contacts


Pkg. 10

234456 Fixed Contact

Total length 30.00,
 Length/ rear collar 24.20,
 Thread length 20.70, Thread size M8

Various


Pkg. 10

230148 Spring

Servicing: 2114-27613
 OD 8.60, Length 33.40

Drives

130440 Drive

Replacing: 2114n-4550, 2114n-1560, 2114n-1550, 2114n-1150, 2114-4550, 2114-1560
 Servicing: s114-103, s114-121, s114-122, S114-126M, S114-139, S114-151, s114-173, S114-181, S114-301, s114-87, S114-91
 ID 13.00, OD 29.70,
 OD/ housing 46.25, Total length 62.00,
 Splines A 10, No./ teeth 9, Rotation CR


131085 Drive

Replacing: 2114-65001, 2114-55004
 Servicing: S108-63, S108-89, S114-140, S114-141, S114-149, S114-156A, S114-160, S114-160A, S114-160B, S114-160D, s114-160e
 ID 12.50, OD 29.70,
 OD/ housing 47.00, Total length 62.00,
 Splines A 5, No./ teeth 9, Rotation CR


131086 Drive

Replacing: 2114-95002, 2114-65004
 Servicing: S114-152, S114-155, s114-161, S114-161B, S114-161E, S114-161F
 ID 12.50, OD 28.00,
 OD/ housing 46.20, Total length 62.00,
 Splines A 5, No./ teeth 8, Rotation CR


131783 Drive

Replacing: 2114n-3550, 2114-75001, 2114-45007, 2114-45004
 Servicing: S114-103, S114-126M, s114-170b, S114-170E, S114-171, S114-172A, s114-172d, S114-172E, S114-173, s114-173b, s114-173e
 ID 12.55, OD 28.70,
 OD/ housing 46.30, Total length 62.00,
 Splines A 10, No./ teeth 9, Rotation CR


131852 Drive

Replacing: 2114-95007, 2114-55007
 Servicing: S114-232, S114-232A, S114-237, S114-297, S13-317
 ID 12.00, OD 25.80,
 OD/ housing 46.20, Total length 76.00,
 Splines A 10, No./ teeth 9, Rotation CR


131984 Drive

Replacing: 2250-35002, 2130-7550, 2130-35001, 2120-7550, 2120-7530, 2120-7500, 2120-35001, 2120-3500
 Servicing: s12-19, S12-24A, s12-41, S12-41A, S12-48, S12-58, S12-59, S12-61, S12-82, s12-88, s13-06, S13-06A, S13-25, S13-27
 ID 13.80, OD 33.00,
 OD/ housing 60.05, Total length 69.00,
 Splines A 12, No./ teeth 9, Rotation CR


131985 Drive

Replacing: 2250-95003, 2250-55002, 2250-35004, 2250-35001, 2250-25002, 2130-25002, 2130-25001, 2120-9500
 Servicing: S12-19, S12-19C, S12-19K, S12-34, S12-38A, S12-63, S12-63A, S12-63B, S12-63C, S12-68, S12-68B, S12-68D, S13-19C
 ID 14.00, OD 36.00,
 OD/ housing 60.00, Total length 70.00,
 Splines A 12, No./ teeth 9, Rotation CR


131986 Drive

Replacing: 2114-65016, 2114-45504, 2114-25100, 2114-15550
 Servicing: S114-319, S114-320, S114-320A, S114-348, S114-348A, S114-376B, S114-389A, S114-390A, S114-391A, S114-413A, S114-443
 ID 12.40, OD 28.00,
 OD/ housing 46.25, Total length 60.00,
 Splines A 10, No./ teeth 8, Rotation CR



131987 Drive

Replacing: 2114-25504, 2114-25004, 2114-22540
 Servicing: s114-317, S114-317B, S114-318, s114-345, s114-419, s114-424, s114-435b, s114-556
 ID 12.60, OD 28.00,
 OD/ housing 47.60, Total length 65.00,
 Splines A 5, No./ teeth 9, Rotation CR



131988 Drive

Replacing: 2114-15504, 2114-15100, 2114-15004
 Servicing: S114-315, S114-316, S114-362, S114-362A, S114-364, S114-402, S114-418, S114-419, S114-419A, S114-424, S114-424A
 ID 12.50, OD 27.85,
 OD/ housing 46.00, Total length 82.00,
 Splines A 10, No./ teeth 8, Rotation ACR



132001 Drive

Replacing: 2114-25550, 2114-95553, 2114-85008, 2114-55506, 2114-35506, 2114-25550
 Servicing: S114-253B, s114-254, S114-254B, S114-254D, S114-255, S114-255A, s114-258, S114-258C, S114-264, S114-268, S114-268A
 ID 11.90, OD 29.19, Total length 87.00,
 No./ teeth 9, Rotation CR



132002 Drive

Replacing: 2114-95508, 2114-55015, 2114-45013, 2114-25014
 Servicing: s114-430, S114-430A, S114-430B, S114-430C, S114-431A, S114-431B, S114-431C, S114-432A, s114-439, S114-452, S114-452A
 OD 59.80, Total length 77.65,
 No./ teeth 21, Rotation ACR



132311 Drive

Replacing: 2114-15503, 2114-15003
 Servicing: S108-77, S114-139, S114-184, S114-269, S114-305, S114-340, s114-350, s114-351, S114-363
 ID 12.55, OD 29.50,
 OD/ housing 46.00, Total length 76.50,
 Splines A 10, No./ teeth 9, Rotation CR



132447 Drive

Replacing: 2114-75005, 2114-15006, 2114-15002
 Servicing: S114-213A, s114-225, s114-228, S114-245, s114-273, s114-303, S114-303A
 ID 12.50, OD 29.00,
 OD/ housing 48.00, Total length 62.00,
 Splines A 10, No./ teeth 9, Rotation CR



132448 Drive

Replacing: 2114-15508
 Servicing: S114-385, S114-387, S114-396, S114-412, S114-614
 ID 12.50, OD 29.20,
 OD/ housing 46.25, Total length 76.50,
 Splines A 5, No./ teeth 9, Rotation CR



132449 Drive

Replacing: 2114-55003
 Servicing: S114-203, S114-219, S114-230, S114-230A, s114-235, S114-235A, S114-235B
 ID 12.55, OD 34.45,
 OD/ housing 46.00, Total length 62.25,
 Splines A 5, No./ teeth 11, Rotation CR



132450# Drive

Replacing: 2130-65001
 Servicing: S13-47A, S13-49A, S13-50A
 OD 35.20, Total length 87.00, Splines A 11, No./ teeth 9



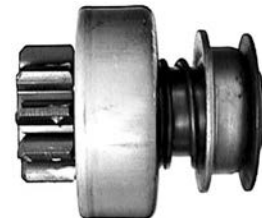
132453 Drive

Replacing: 2250-85004, 2250-45003, 2130-7500, 2130-5500
 Servicing: S13-14, S13-15, S25-131, S25-131A, S25-155, S25-155C, S25-155D, S25-75, S25-75A
 ID 14.00, OD 40.00,
 OD/ housing 60.00, Total length 69.50,
 Splines A 12, No./ teeth 11, Rotation CR



132845 Drive

Replacing: 2250-9550
 Servicing: S24-64B, S24-64E, S25-128, s25-64, S25-64B, S25-64E
 ID 14.00, OD 40.55,
 OD/ housing 65.55, Total length 75.00,
 Splines A 12, No./ teeth 11, Rotation CR



132918 Drive

Replacing: 2130-45002
 Servicing: S12-84, S12-85, S12-87, S13-73, S13-74
 ID 14.00, OD 39.45,
 OD/ housing 60.00, Total length 69.00,
 Splines A 12, No./ teeth 10, Rotation CR


133058 Drive

Replacing: 2270-8500, 2250-95001, 2250-85005, 2250-45004, 2250-25004, 2250-25003

Servicing: S25-110F, S25-110G, S25-110K, s25-110I, S25-110M, s25-115, s25-115a, s25-125a, s25-125b, S25-135A, S25-137B, S25-142

ID 16.00, OD 40.00,
OD/ housing 60.00, Total length 77.60,
Splines A 12, No./ teeth 11, Rotation CR


133266 Drive

Replacing: 2280-3500, 2250-7500, 2250-65002, 2250-6500, 2250-550, 2130-65002, 2130-55005, 2120-45001

Servicing: s12-47, S12-52, s12-77a, s12-79, s12-83, S13-24, s13-24a, s13-37, S13-37B, S13-41, S13-41A, S13-41B, s13-41c, S13-41D

ID 14.05, OD 44.18,
OD/ housing 60.00, Total length 69.40,
Splines A 12, No./ teeth 15, Rotation CR


133360 Drive

Replacing: 2114-95505, 2114-95005, 2114-25540

Servicing: s114-317a, s114-318a, S114-345, s114-345a, S114-345B, S114-377, S114-378, S114-378A

ID 12.50, OD 29.00,
OD/ housing 46.25, Total length 65.30,
Splines A 5, No./ teeth 9, Rotation CR


133361 Drive

Replacing: 2130-9500, 2120-15501

Servicing: S12-62, S13-29, S13-32, S13-32A

ID 14.00, OD 34.00,
OD/ housing 60.00, Total length 69.35,
Splines A 12, No./ teeth 9, Rotation CR


133437 Drive

Replacing: 2130-35004

Servicing: S13-91, S13-91A

OD 25.25, Total length 87.30, No./ teeth h 9, Rotation CR
w/ bearing.


133445 Drive

Replacing: 2114-95507, 2114-95008, 2114-35507

Servicing: s114-252, S114-252F, S114-322, S114-322A, S114-393, S114-393A

OD 28.00, Total length 87.00, No./ teeth h 8, Rotation CR


133465 Drive

Replacing: 2114-45002

Servicing: S114-146, S114-244, S114-244A, S114-417

ID 12.50, OD 44.00,
OD/ housing 54.20, Total length 62.17,
Splines A 10, No./ teeth 15, Rotation CR


133605 Drive

Replacing: 2130-85004, 2130-85003, 2130-75504, 2130-75003, 2130-75002, 2130-35009

Servicing: S114-338A, S114-339A, S114-339C, S114-339D, S114-371, S114-371A, S114-371B, S13-207, S13-207A, s13-207c, S13-210B

ID 12.00, OD 32.35, Total length 87.00,
No./ teeth 9, Rotation CR


134917 Drive

Replacing: 2114-45012

Servicing: S114-472, S114-472A, S114-505, S114-505A, S114-509, S114-526, S114-526A, S114-526B, S114-527, S114-527A, S114-527B

ID 12.55, OD 29.20,
OD/ housing 46.20, Total length 49.20,
Splines A 10, No./ teeth 9, Rotation CR


135091 Drive

Replacing: 2130-95007, 2130-75004, 2130-65008, 2114-85501, 2114-45014, 2114-15507

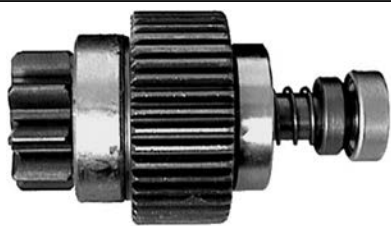
Servicing: S114-293, S114-357, S114-357A, S114-357B, S114-357C, s114-367, S114-395, S114-395A, S114-471, S114-471A, s114-472

OD 34.90, Total length 87.00,
No./ teeth 9, Rotation CR
Alternative no.: 135091zz


135091ZZ Drive

Replacing: 2130-95007, 2130-75004, 2130-65008, 2114-85501, 2114-45014, 2114-15507

ID 13.00, OD 35.50, OD/ housing 53.10,
Total length 87.05, No./ teeth 9,
Drive type Steel, Rotation CR
Alternative no.: 135091



135718 Drive

Replacing: 2130-15505, 2130-15005

Servicing: S13-106A, S13-106B, S13-106C, S13-106E, S13-117, S13-117A, S13-122, S13-126, S13-126A, S13-127, S13-127A, S13-127C
OD 35.00, Total length 93.50,
No./ teeth 9



135719 Drive

Replacing: 2240-7500, 2240-4500

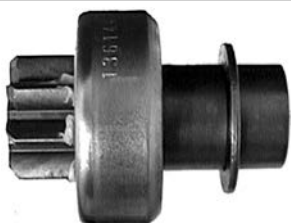
Servicing: S13-107, S13-107A, S24-05A, S24-05B, S24-08, S24-08A, S24-10, S24-11
OD 36.00, Total length 99.00,
Splines A 11, No./ teeth 9



135888# Drive

Replacing: 2114-65013

Servicing: S114-517, S114-517C, S114-520A, S114-520B, S114-530, S114-533, S114-534
ID 12.55, OD 28.00,
OD/ housing 48.25, Total length 49.25,
Splines A 10, No./ teeth 8, Rotation CR



136144 Drive

Replacing: 2114-45508

Servicing: S114-414, S114-414A, S114-651
ID 12.55, OD 28.25,
OD/ housing 47.00, Total length 60.35,
Splines A 10, No./ teeth 8, Rotation ACR



136208 Drive

Replacing: 2108F-3500, 2108-f3500, 2108-75002

Servicing: s108-116, S108-28K, S108-61, S108-61A, S108-61B, S108-61C, S108-61D, S108-61E, S108-61F, S108-61G, S108-66
ID 12.00, OD 29.50,
OD/ housing 46.20, Total length 39.60,
Splines A 6, No./ teeth 9, Rotation ACR
10 holes.



136228 Drive

Replacing: 2114-35551

Servicing: S114-503, S114-507A, S114-516, S114-516A, S114-528, S114-528A
OD 29.20, OD/ housing 46.00,
Total length 78.00, Splines A 5,
No./ teeth 9, Rotation CR



137277 Drive

Replacing: 2140-15003, 2140-1500, 2130-25005

Servicing: S13-111, S13-112, S13-112A, S13-113, S13-114, S13-114A, S13-136, S14-03, S14-203
OD 32.00, Total length 96.00, No./ teeth 9



137413 Drive

Replacing: 2114-95014

Servicing: S114-659, S114-700A, S114-700B, S114-701, S114-701A, S114-705, S114-705A, S114-705B, S114-705C, S114-705D, S114-705E
OD 29.20, OD/ housing 46.30,
Total length 66.30, Splines A 4,
No./ teeth 9, Rotation CR



137752 Drive

Replacing: 2114-65509

Servicing: s114-440, s114-475, s114-475a, s114-486
OD 28.00, Total length 94.00,
No./ teeth 8, Rotation ACR



137939 Drive

Replacing: 2114-45016

Servicing: S114-801A
ID 12.55, OD 27.85,
OD/ housing 46.50, Total length 75.00,
Splines A 10, No./ teeth 8, Rotation ACR
Used in gear set: HC-CARGO 234863.



138958 Drive

Replacing: 2114-25554

Servicing: S114-808, S114-808A, S114-808B, S114-814, S114-814A, S114-815, S114-817, S114-817A, S114-839, S114-883, s114-884
ID 12.40, OD 34.50,
OD/ housing 48.00, Total length 38.50,
Splines A 10, No./ teeth 11, Rotation CR



139132 Drive

Replacing: 2114-15016

Servicing: S114-750, S114-758, S114-762, S114-762A, S114-762B, S114-765, S114-766, S114-766A, S114-767, S114-775, S114-775A
ID 12.55, OD 27.75,
OD/ housing 46.30, Total length 38.80,
Splines A 10, No./ teeth 8, Rotation CR


139841 Drive

Replacing: 2240-9500, 2240-8500, 2240-2500

Servicing: S24-03A, S24-03B, S24-03C, S24-13, s25-120, s25-120a, S25-161

ID 12.15, OD 35.20, Total length 100.30, No./ teeth 9, Rotation CR


139843 Drive

Replacing: 2240-5500, 2240-1501

Servicing: S24-07, S24-12

ID 12.00, OD 32.00, Total length 100.00, No./ teeth 9, Rotation CR


139897 Drive

Servicing: s114-553, s114-553a

ID 12.15, OD 25.55,

OD/ housing 48.25, Total length 77.60, Splines A 10, No./ teeth 9, Rotation ACR


139899 Drive

Servicing: S114-554, s114-554a

ID 12.10, OD 25.60,

OD/ housing 47.65, Total length 60.70, Splines A 5, No./ teeth 9, Rotation CR


230054 Drive

Replacing: 2114-95015

Servicing: S114-535

ID 12.50, OD 28.00,

OD/ housing 47.60, Total length 68.60,

Splines A 10, No./ teeth 8,

Drive type Steel, Rotation ACR


230247 Drive

Replacing: 2114-25016

Servicing: S114-804, S114-804A, S114-805, S114-805A, s114-806, S114-806A, S114-818A

ID 12.50, OD 28.00,

OD/ housing 49.00, Total length 60.80,

Splines A 10, No./ teeth 8, Rotation CR


231795 Drive

Servicing: s114-829, s114-829a, s114-829b, S114-829C, S114-829D, S114-869, S114-925

ID 12.55, OD 33.25,

OD/ housing 48.50, Total length 38.60,

Splines A 10, No./ teeth 13, Rotation CR

Shaft assy: HC-CARGO 233436.


231804 Drive

Replacing: 2114-45100

Servicing: S114-801B, S114-801C

ID 12.50, OD 32.00,

OD/ housing 46.25, Total length 75.00,

Splines A 10, No./ teeth 10,

Rotation ACR


233120 Drive

Replacing: 2114-75100

Servicing: S114-871

ID 12.50, OD 32.00,

OD/ housing 49.00, Total length 60.90,

Splines A 10, No./ teeth 10,

Drive type Steel, Rotation CR


233436 Gear w/ drive

Servicing: s114-829, S114-829A, S114-829B

Total length 98.50, No./ teeth 13,

Rotation CR

Drive only: HC-CARGO 231795.


233967 Drive

Replacing: 2114-35556

Servicing: S114-801D

ID 12.50, OD 34.25,

OD/ housing 48.20, Total length 75.15,

Splines A 10, No./ teeth 11,

Drive type Steel, Rotation ACR


234866 Drive

Replacing: 2240-6501, 2240-2501

Servicing: S25-163, S25-163A, S25-163B, S25-163C, S25-163E, s25-163f, s25-163g, S25-167

OD 40.35, Total length 115.40,

No./ teeth 11, Rotation ACR



235004 Drive
 Replacing: 2114-35016
 Servicing: S114-769, s114-769a
 ID 12.50, OD 28.00,
 OD/ housing 28.00, Total length 61.00,
 Splines A 10, No./ teeth 8, Rotation ACR



235501 Drive
 Replacing: 2130-65006
 Servicing: S114-451A, s114-477, S114-851,
 S114-851A, S13-125
 OD 29.45, OD/ housing 53.00,
 Total length 87.15, Shaft length 72.00,
 Splines A 10, Splines B 41,
 No./ teeth 9, Rotation ACR



235510 Drive
 Servicing: S14-100D, s14-100e, S14-101,
 S14-101C
 OD 35.40, Total length 92.00,
 No./ teeth 9, Drive type Steel,
 Rotation CR



236418 Drive
 Replacing: 2114-15017
 Servicing: s114-838a, S114-844
 OD 21.14, OD/ housing 48.85,
 Total length 85.55, Splines A 5,
 No./ teeth 6, Drive type Steel,
 Rotation ACR



239909 Drive
 Servicing: S114-903, S114-903A, S114-905,
 S114-906, S114-907, s114-938, S114-943
 ID 12.55, OD 27.80,
 OD/ housing 48.64, Total length 38.78,
 Splines A 10, No./ teeth 10,
 Drive type Steel, Rotation CR



332138 Drive
 Replacing: 2114-75014
 Servicing: S114-558, S114-701A, S114-701B,
 S114-701BR
 ID 12.60, OD 29.50,
 OD/ housing 48.80, Total length 66.20,
 Splines A 5, No./ teeth 9,
 Drive type Steel, Rotation CR

Drive Parts

Caps

Pkg. 25



134209 Dp Cap
 ID 66.10, OD 68.00

Pkg. 100



134253 Dp Cap
 ID 47.24, OD 48.60



Pkg. 10

134256 Dp Cap
 ID 47.25, OD 48.30

Rollers

Pkg. 100



134930 Dp Rollers
 OD 5.95, Length 11.00

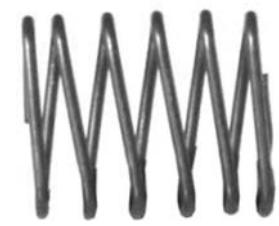
Pkg. 1000



135517 Dp Rollers
 OD 6.00, Length 10.95

Springs

Pkg. 1000



134265 Dp Springs
 Length 12.25

Pkg. 100



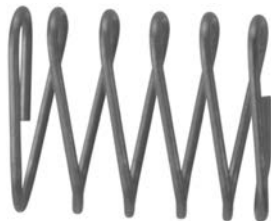
134347 Dp Springs
 Length 15.60

Pkg. 300


230489 Dp Springs

Length 11.45

Pkg. 10


331022 Spring

Length 17.50

Pinion

132003 Pinion

Replacing: 2130-3503, 2114-55508, 2114-5508, 2114-15554

Servicing: S114-255A, S114-264, S114-290, S114-290A, S114-290B, S114-374B, S114-403B, S114-446, S114-453, S114-454, S114-457

OD 29.30, Height 87.30, Splines 10, No./ teeth 9

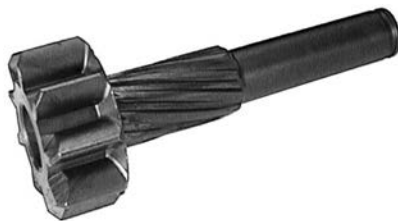

133041 Pinion

Replacing: 2114-65008

Servicing: s114-252, S114-252F, s114-322, S114-322A, S114-393, S114-393A, S114-478

ID 12.00, OD 27.90, Height 87.15, Splines 10, No./ teeth 8

Pkg. 5


133042 Pinion

Replacing: 2130-6503, 2130-2501, 2114-95501

Servicing: S114-293, S114-357, S114-357A, S114-357B, S114-357C, S114-367, S114-395, S114-395A, S114-471, S114-471A, S114-472

ID 13.00, OD 35.30, Height 87.10, Splines 10, No./ teeth 9


133436 Pinion

Servicing: s13-91

OD 25.35, Height 87.50, Splines 10, No./ teeth 9


133606 Pinion

Replacing: 2130-95003

Servicing: S13-84, S13-84B, S13-87, s13-89, S13-89A

ID 11.90, OD 32.20, Height 87.00, Splines 10, No./ teeth 9


133916 Pinion

Replacing: 2240-4510

Servicing: S13-107, S13-107A

ID 12.90, OD 35.55, Height 98.30, Splines 11, No./ teeth 9


135010 Pinion

Replacing: 2130-25032, 2130-2503

Servicing: S13-111, S13-112, S13-113, S13-114, S13-114A, S13-136, S14-03

OD 32.60, Height 93.50, Splines 10, No./ teeth 9


135271 Pinion

Replacing: 2130-1503

Servicing: S13-106A, S13-106B, S13-106C, S13-106E, S13-117, S13-117A, S13-122, S13-126, S13-126A, S13-127, S13-127C

OD 35.55, Height 93.35, Splines 10, No./ teeth 9


135364 Pinion

Replacing: 2114-75509

Servicing: ACR, s114-440, s114-475, s114-475a, s114-486

ID 12.00, OD 27.60, Height 94.40, Splines 10, No./ teeth 8


137707 Pinion

Replacing: 2130-95006, 2114-95009

Servicing: S114-257, S114-257G, S114-349, S114-349A, S114-349B, S114-408, S114-483, S114-483A, S13-124, S13-132, S13-294, S13-332

ID 20.85, OD 44.00, Height 90.00, Splines 10, No./ teeth 15



138343# Pinion

Replacing: 2130-5503

Servicing: S13-129, S13-131, S13-329, S13-331, S13-529, S13-531

ID 15.80, OD 39.00, Height 88.10, Splines 10, No./ teeth 10



139844 Pinion

Replacing: 2240-5510

Servicing: S24-07

OD 32.30, Height 100.25, Splines 11, No./ teeth 9



230557 Pinion

Replacing: 2130-8503

Servicing: S13-204, S13-205

OD 35.50, Height 97.35, Splines 10, No./ teeth 9



233438 Pinion

Replacing: 2240-5511, 2240-1511

Servicing: S25-163A, S25-163B, S25-163C, S25-163E, S25-163F, S25-163G, S25-167

OD 40.20, Height 113.30, Splines 11, No./ teeth 11



233742 Pinion

Replacing: 2114-55008

Servicing: s114-121, S114-253B, S114-254D, S114-255A, S114-258C, S114-290B, S114-296A, s114-304, S114-344, S114-374B, S114-401B

OD 28.00, Height 87.40, Splines 10, No./ teeth 9

Planet Gears



138743 Planet Gear

Replacing: 2250-3113

Servicing: S25-110G, S25-110K, S25-110L, S25-110M, S25-156, S25-158, S25-158A, S25-158B, S25-160, S25-162, s25-164, S25-164A

Shaft dia./ middle 19.25, Total length 142.50, Splines 12



234863 Planet Gear

Servicing: s114-801a

ID 12.40, OD 67.95, Total length 27.90, Splines A 10, No./ teeth 8, Drive type Steel, Rotation ACR
Drive only: HC-CARGO 137939.



234904 Planet Gear

Servicing: s114-801b, s114-801c

Total length 134.00, Splines 10, No./ teeth 10, Rotation ACR
Drive only: HC-CARGO 231804.

Gear Parts

Gear Shafts



230464# Gear Shaft

Replacing: 2114-85562

Servicing: S114-801A, S114-801B, S114-801C, S114-801D

OD/ shaft 12.42, Total length 133.00, No./ splines 10



230868# Gear Shaft

Replacing: 2114-95560

Servicing: S114-750, S114-758, S114-762, S114-762A, S114-762B, S114-765, S114-766A, S114-775, S114-775A, S114-780

OD/ shaft 12.42, Total length 93.90, No./ splines 10



235485 Gear Shaft

Replacing: 2114-75562

Servicing: S114-800, S114-800A, S114-800B, s114-802a, S114-814, S114-814A, S114-815, S114-816, S114-817, S114-817A, s114-829

OD/ shaft 12.42, Total length 96.00, No./ splines 10

Outer Gear



137932 Outer Gear

Replacing: 2114-88100

Servicing: S114-800, S114-800A, S114-800B, S114-801A, S114-801B, S114-801C, S114-801D, S114-802A, S114-804, S114-804A, S114-805

ID 44.65, OD 56.90, Height 14.55, No./ teeth 40

Gasket: HC-CARGO 231390.


138708# Outer Gear

Replacing: 2114-68100

Servicing: S114-505A, S114-516A, S114-519A, S114-526, S114-526B, S114-527B, S114-528A, S114-700B, S114-705, S114-705A, S114-705B

 ID 46.65, OD 58.55, Height 14.40,
No./ teeth 38

Gear Covers

137935 Gear Cover

Replacing: 2114-84102, 2114-54102

Servicing: S114-800, S114-800A, S114-800B, S114-801A, S114-801B, S114-801C, S114-801D, S114-802A, S114-804, S114-804A, S114-805

Bushing: HC-CARGO 140927.


138706# Gear Cover

Replacing: 2114-34102

Servicing: S114-519A, S114-758, S114-765, S114-775, S114-775A


138711 Gear Cover

Replacing: 2114-74100

Servicing: S114-750, S114-751, S114-752, S114-755, S114-756, S114-762, S114-762A, S114-762B, S114-766A, S114-769, S114-780

Gear Wheels

Pkg. 3


137933 Gear Wheel

Replacing: 2114-98100, 2114-88101, 2114-18101

Servicing: s114-525a, S114-800, S114-800A, S114-800B, S114-801A, S114-801B, S114-801C, S114-801D, S114-802A, S114-804, S114-804A

 ID 6.25, OD 20.00, Height 9.00,
No./ teeth 15

Pkg. 3


138707# Gear Wheel

Replacing: 2114-58100

Servicing: S114-505A, S114-516A, S114-516B, S114-526, S114-526B, S114-527B, S114-528A, S114-700B, S114-705, S114-705A, S114-705B

 ID 6.00, OD 19.80, Height 7.20,
No./ teeth 14
w/ bushing.

Gear Plates

137829 Gear Wheel

Replacing: 2114-14100

Servicing: S114-501, S114-501A, S114-505, S114-505A, S114-507A, S114-509, S114-516, S114-516A, S114-517, S114-517C, S114-518

OD 51.10


137934 Gear Plate

Replacing: 2114-64102

Servicing: S114-800, s114-800a, S114-800B, S114-801A, S114-801B, S114-801C, S114-801D, S114-802A, S114-804, S114-804A, S114-805

Various

Pkg. 5


231390 Gasket

 ID 49.80, OD 55.25, Thickness 2.30,
Material Rubber

Pkg. 5


232591 Vibration Damper

Servicing: S114-505A, S114-516A, S114-526, S114-526B, S114-528A, S114-700B, S114-705B, S114-705C, S114-705D, S114-705E, S114-750

OD 59.00, Height 14.50

Pkg. 5


232592# Vibration Damper

Servicing: S114-501, S114-501A, S114-505, S114-507A, S114-509, S114-517, S114-517C, S114-518, S114-523, S114-526, S114-535

ID 49.30, OD 59.60, Height 16.35

Levers



134742# Lever Kit

Replacing: 2114-9652
 Servicing: S108-86, S108-91, S114-152, S114-155, S114-160, S114-160A, S114-160B, S114-160D, S114-160E, S114-160F, S114-160G
 Dist. 34.62, ID 3.85, Length 84.93



134745 Lever Kit

Replacing: 2114-56012
 Servicing: S114-129, s114-131, S114-253B, S114-322, S114-322A, S114-357, S114-357A, S114-357B, S114-357C, S114-374B, s114-393
 Length 103.75



134746 Lever Kit

Replacing: 2114-56013
 Servicing: S114-160D, S114-160G, S114-163E, S114-315, S114-319, S114-364, S114-389A, S114-398, S114-402, S114-413A, S114-414
 Dist. 24.50, Length 83.65



134747 Lever Kit

Replacing: 2114-66012
 Servicing: S114-254B, S114-254D, S114-255A, S114-255D, S114-258C, s114-264, S114-268, S114-290, S114-290A, S114-290B, S114-293
 Length 107.50



135722 Lever

Replacing: 2240-1914, 2130-2915, 2130-1914
 Servicing: S13-106A, S13-106B, S13-106C, S13-106E, S13-107, S13-107A, S13-111, S13-112, S13-112A, S13-113, S13-114, S13-114A
 Length 109.50



135833 Lever

Replacing: 2120-1605
 Servicing: S12-19, S12-19C, S12-19K, S12-23, S12-24A, S12-32, S12-34, S12-63, S12-63A, S12-63B, S12-63C, S12-68, S12-68B, S12-68D
 Dist. 40.20, ID 7.00, Length 94.50



135836 Lever Kit

Replacing: 2130-7605
 Servicing: S114-257, S13-104, S13-89, S13-92A
 Length 83.40



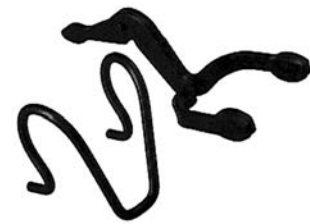
137412# Lever

Replacing: 2114-86015, 2114-36015
 Servicing: S114-659, S114-662, S114-700A, S114-700B, S114-701, S114-701A, S114-705, S114-705A, S114-705B, S114-705C, S114-705D
 Dist. 40.20, Length 79.75



137533 Lever

Replacing: 2114-26015
 Servicing: S114-473, S114-480, S114-480A, S114-480B, S114-850, S114-850A, S114-850B, S114-850C, S114-851, S114-851A, S114-870
 Length 102.55



137833# Lever

Replacing: 2114-96014
 Servicing: S114-507A, S114-516, S114-516A, S114-528, S114-528A
 Dist. 24.70, Length 81.40



137938 Lever

Replacing: 2114-76015
 Servicing: S114-800, S114-800A, S114-800B, S114-801A, S114-801B, S114-801C, S114-801D, S114-802A, S114-804, S114-804A, S114-805
 Dist. 40.30, Length 76.00
 Spring: HC-CARGO 134740.



139175# Lever

Replacing: 2114-8652
 Servicing: S114-146, S114-180, S114-180B, S114-180E, S114-180F, S114-180G, S114-182G, S114-184, S114-216, S114-230, S114-230A
 Dist. 34.90, ID 3.90, Length 94.20


139765# Lever Kit

Replacing: 2114-66014

Servicing: S114-501, S114-501A, S114-505, S114-505A, S114-509, S114-517, S114-517C, S114-518, S114-519A, S114-520A, S114-520B

Dist. 24.45, Length 81.85


230866 Lever

Replacing: 2114-6012, 2114-46012

Servicing: S114-252F, S114-257, S114-257G, S114-257H, S114-332, S114-338A, S114-339A, S114-339C, S114-339D, S114-342, S114-342A

Length 82.80


231287 Lever Kit

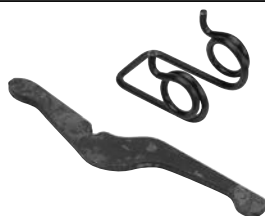
Replacing: 2240-2650

 Servicing: S24-03A, S24-03B, S24-03C, S24-07, S24-12, S24-13, S24-14, S25-03B, S25-07
 Length 108.50

233376 Lever

Servicing: S114-829, S114-829a, S114-829b

Dist. 39.50, Length 79.35


235313 Lever

Replacing: 2130-2914

Servicing: s13-107a, s13-117a, s13-126a, s13-127, s13-212, S13-213, S13-307A, S13-317, S13-322, S13-326, S13-327, S14-205, S14-206

Length 109.16


235371 Lever

Replacing: 2114-16016

Servicing: S114-435G, S114-568A, S114-570, S114-570B, S114-570C, S114-650A, S114-651A, S114-652B, S114-652C, S114-652D, S114-652P

Dist. 24.16, Length 82.40

Lever Parts

Various

Pkg. 5


134739 Spring

Replacing: 2114-2657, 2114-1657

Servicing: S108-63, S114-177, S114-245, S114-269, S114-271, S114-272, S114-298, S114-305, S114-340, S114-351, S114-363

Length 30.70

Pkg. 5


134740 Spring

Replacing: 2114-7657

Servicing: S114-388D, S114-396, S114-473, S114-610, S114-614, S114-618, S114-618A, S114-618B, S114-801A, S114-801B, S114-801C

Length 35.25

Clutches


132459 Clutch

Replacing: 2140-15026, 2140-1502, 2130-7502, 2130-6502, 2130-5502, 2130-4502, 2130-15007, 2114-75008

Servicing: S114-252F, S114-253B, S114-254D, S114-255A, S114-256B, S114-257, S114-257G, S114-257H, S114-258C, S114-264, S114-290

ID 12.00, OD 52.00, Height 50.00


133904 Clutch

Replacing: 2240-3550

Servicing: S13-107, S13-107A, S13-118, S24-05B, S24-08, S24-08A, S24-10, S24-11

ID 64.50


135059 Clutch

Replacing: 2114-65012, 2114-45019, 2114-45015, 2114-25509

Servicing: S114-430A, S114-430B, S114-430C, S114-431A, S114-431B, S114-431C, S114-432A, S114-439, S114-441A, S114-441B, S114-452

ID 52.00, Splines 10, Rotation ACR


139842 Clutch

Replacing: 2240-5550, 2240-4559, 2240-4550, 2240-2550

Servicing: S24-03A, S24-03B, S24-03C, S24-07, S24-13, S25-161

OD 64.50, Total length 57.42, Splines A 41, Splines B 11, Rotation CR



233437 Clutch

Replacing: 2240-7550

Servicing: S25-163A, S25-163B, S25-163C, S25-163E, S25-163F, S25-163G, S25-167

ID 64.50, Total length 69.30, Splines 11



233887 Clutch

Replacing: 2130-8502

Servicing: S13-204, S13-205

ID 53.17, Total length 55.25

Brush Gears



132090 Brush Gear

Replacing: 2114-89007, 2114-79001, 2114-69008, 2114-49007, 2114-4311, 2114-39001, 2114-29007

Servicing: s114-252, s114-252a, S114-252F, s114-253a, S114-253B, s114-254a, S114-254B, s114-254c, S114-254D, S114-255A, S114-256B

12 V, OD 74.55

w/ neg. brushes. Brush set: HC-CARGO 140338.



132424 Brush Gear

Replacing: 2114-89001, 2114-53003, 2114-53001, 2114-3311, 2114-33101, 2114-33001, 2114-23003

Servicing: S108-63, S108-78, S114-152, S114-155, S114-160, S114-160A, S114-160B, S114-160D, S114-160E, S114-160F, S114-160G

12 V, OD 69.95

w/ neg. brushes. Brush set: HC-CARGO 140336.



132425 Brush Gear

Replacing: 2250-4305, 2120-5305

Servicing: s12-52, S12-58, s12-61, s12-62, S12-84, s12-88, S24-64B, S24-64E, S25-100A, S25-103, S25-106A, S25-117D, S25-120

12/24 V, OD 101.00

w/ neg. brushes. Brush set: HC-CARGO 140377.



133057 Brush Gear

Replacing: 2250-7310, 2250-5310, 2250-43015, 2250-23015, 2250-13015, 2130-7305

Servicing: S13-33, S13-33A, S13-33B, S13-34A, S13-37, S13-37B, S13-38A, S13-38B, S13-41, S13-41A, S13-41B, S13-45A, S13-45B

12 V, OD 78.90

w/ neg. brushes. Brush set: HC-CARGO 140378.



133332 Brush Gear

Replacing: 2114-93101, 2114-43101

Servicing: S114-103, S114-126M, S114-139, s114-146, s114-170, s114-170b, S114-170E, S114-172A, S114-172D, S114-172E, S114-173

12 V, OD 79.90

w/ neg. brushes. Brush set: HC-CARGO 140334.



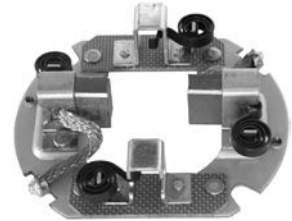
133333 Brush Gear

Replacing: 2114-99008, 2114-99001, 2114-5360

Servicing: S114-184, S114-207, S114-244, S114-244A, s114-315, S114-316, S114-317, S114-317A, S114-317B, s114-319, S114-320

12 V, OD 79.88

w/ neg. brushes. Brush set: HC-CARGO 140334.



133334 Brush Gear

Replacing: 2130-4305

Servicing: S13-06A, S13-14, S13-18, S13-24, S13-27, S13-27A, S13-28, s13-31, S13-32, S13-32A, S13-55

12 V, OD 85.00

w/ neg. brushes. Brush set: HC-CARGO 140377.



133653 Brush Gear

Replacing: 2114-19008

Servicing: S114-440, S114-475, S114-475A, S114-486, S114-489

12 V, OD 64.00

w/ neg. brushes. Brush set: HC-CARGO 140338.



133730 Brush Gear

Replacing: 23378-10g100, 2240-3310, 2240-2310, 2240-1310, 2130-9305, 2130-93021, 2130-73022, 2130-73021

Servicing: s13-100, S13-101, S13-102, s13-104, S13-105, S13-105A, S13-106A, s13-106b, S13-106C, S13-106E, S13-107, s13-107a

12 V, OD 64.85

w/ neg. brushes. Brush set: HC-CARGO 140567.



137121 Brush Gear

Replacing: 2114-73105, 2114-63104, 2114-53105, 2114-53104, 2114-23106

Servicing: s114-750, S114-751, S114-753, s114-758, S114-762, s114-762a, S114-762B, S114-765, S114-766, s114-766a, S114-767

12 V, OD 61.20


137653 Brush Gear

Replacing: 2114-23103

Servicing: S114-456, S114-556, S114-556A, S114-558

12 V, OD 66.00


137750 Brush Gear

Replacing: 2114-93102, 2114-83102, 2114-39008, 2114-23104

Servicing: s114-364, S114-505, S114-505A, S114-507A, S114-509, S114-516, S114-516A, S114-517, S114-517C, S114-518, S114-519A

12 V, OD 62.90

Brush set: HC-CARGO 140786.


139166 Brush Gear

Replacing: 2114-93104, 2114-83105

Servicing: S114-566, s114-568, S114-568A, S114-569, S114-570, S114-570A, s114-570b, s114-570c, s114-650, s114-650a, s114-651

12 V, OD 69.85


233637 Brush Gear

Replacing: 2240-4310

Servicing: S13-250, S13-550, S25-163A, S25-163B, S25-163C, S25-163E, S25-163F, S25-163G, S25-167, S25-168, S25-168A, S25-171

24 V

w/ neg. brushes. Brush set: HC-CARGO 140567.

Brush Gear Parts
Brush Springs

Pkg. 10


133731 Brush Spring

Replacing: 2130-8313, 2130-6313

Servicing: S114-348, S114-348A, s13-100, S13-101, S13-102, s13-104, S13-105, S13-105A, s13-106, S13-106A, S13-106B, S13-106C

Length 25.85

Pkg. 10


138709 Brush Spring

Replacing: 2114-4317, 2114-2317

Servicing: s114-750, S114-751, S114-753, S114-755, S114-756, S114-758, S114-762, S114-762A, S114-762B, s114-765, S114-766

OD 8.80, Length 18.50

Pkg. 4


231285# Brush Spring

Replacing: 2130-4313

Servicing: S12-19C, S12-52, S12-58, S12-62, s12-88, S13-06, S13-06A, S13-10, S13-14, S13-18, S13-27, S13-27A, S13-28, S13-32

OD 15.00, Length 26.75

Pkg. 10


231298 Brush Spring

Replacing: 2114-9314, 2114-4314

Servicing: S108-63, S108-78, S108-89, S114-121N, S114-132, S114-136, S114-146, S114-164, S114-172E, S114-173, S114-173B, S114-173E

OD 11.55, Length 22.90


231487 Brush Spring

Replacing: 2240-1314, 2130-5313

Servicing: S13-138, S13-138A, S13-160, S13-33, S13-33A, S13-33B, S13-34A, S13-37, S13-37B, S13-38A, S13-38B, S13-41, S13-41A

OD 14.20, Length 25.65

Brush Sets

140334 Brush Set

Replacing: 94021409, 94021408, 2114-83124, 2114-8312, 2114-63124/83124, 2114-63124, 2114-5313, 2114-5312/8313

Servicing: S108-77, S108-78, S114-103, S114-108L, S114-121N, S114-122N, S114-126M, S114-132, S114-136, S114-139, S114-146

12 V, Length 18.00, Lead length 33.00, Height 11.00, Thickness 7.00


140335 Brush Set

Replacing: 2114-1315

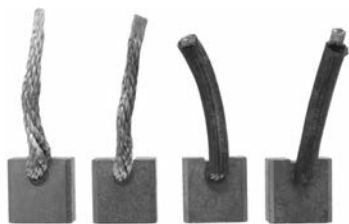
12 V, Length 17.20, Height 18.90, Thickness 6.45


140336 Brush Set

Replacing: 2144-83121, 2114-93122/83121, 2114-93121/83121, 2114-93121/13123, 2114-8313, 2114-6313, 2114-5312

Servicing: s108-116, S108-34B, S108-61, S108-61A, S108-61B, S108-61C, S108-61D, S108-61E, S108-61F, S108-61G, S108-63, S108-66

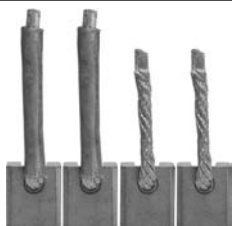
12 V, Length 16.00, Lead length 36.50, Height 11.00, Thickness 7.00



140337 Brush Set

Replacing: 2250-4322, 2250-2323/4322, 2250-2323, 2250-1324

Servicing: S13-15, S13-61, S24-64B, S24-64E, S25-100A, S25-103, S25-106A, S25-117D, S25-120, S25-120A, S25-121A, S25-128, S25-129A
12 V, Length 19.50, Lead length 51.00, Height 20.00, Thickness 9.00



140338 Brush Set

Replacing: 2114-69002/59002, 2114-69002, 2114-6315, 2114-59002/69002, 2114-59002/6315, 2114-59002, 2114-33123

Servicing: S114-233A, S114-252F, S114-253B, S114-254B, S114-254d, S114-255A, S114-256B, S114-257, S114-257G, S114-257H, S114-258C

12 V, Length 16.00, Lead length 43.50, Lead length 2 33.50, Height 14.00, Thickness 7.00

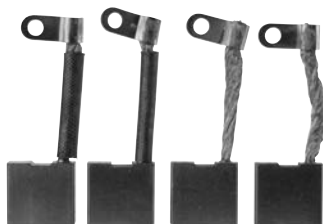


140339 Brush Set

Replacing: 2120-9311, 2120-7312/9311, 2120-7312

Servicing: S12-19C, S12-41A, S12-59, S12-63, S12-63A, S12-63B, S12-63C, S12-68, S12-68B, S12-68D, S12-77A, S12-78, S12-79, S12-82

12 V, Length 22.00, Lead length 43.50, Height 15.00, Thickness 8.00



140340 Brush Set

Replacing: 2108-6306, 2108-6305, 2108-4306, 2108-4305, 2108-2306, 2108-2305, 1811-1631

Servicing: S108-56, S114-150, S114-151, S114-156A, S114-91

12 V, Length 14.00, Lead length 33.60, Height 16.00, Thickness 6.00

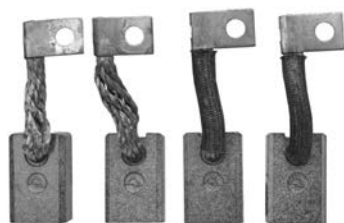


140341 Brush Set

Replacing: 2114-6312, 2114-2313

Servicing: S114-152

12 V, Length 16.00, Lead length 32.00, Height 16.00, Thickness 7.00

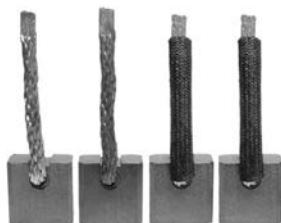


140376 Brush Set

Replacing: 2120-7311, 2120-5312/7311, 2120-4311, 2120-1312, 2120-1311

Servicing: S12-19, S12-19K, S12-23, S12-24A, S12-32, S12-34, S12-41A, S12-47, S12-59

12 V, Length 22.30, Lead length 35.00, Height 14.25, Thickness 7.85



140377 Brush Set

Replacing: 2130-8312, 2130-23111, 2120-6312/8311, 2120-6312/2130-7311

Servicing: S12-48, S12-52, S12-58, S12-61, S12-62, S12-84, S12-85, S12-87, S13-06A, S13-25, S13-27, S13-27A, S13-28, S13-31

12 V, Length 22.00, Lead length 51.00, Height 20.00, Thickness 9.00



Pkg. 5

140378 Brush Set

Replacing: 2250-8323, 2250-7323, 2250-6323, 2250-5323, 2250-5322, 2250-3323, 2130-9312, 2130-8311

Servicing: S12-38A, S13-33, S13-33A, S13-33B, S13-34A, S13-37, S13-37B, S13-38A, S13-38B, S13-41, S13-41A, S13-41B, S13-45A

12 V, Length 18.00, Lead length 44.50, Height 25.00, Thickness 8.00

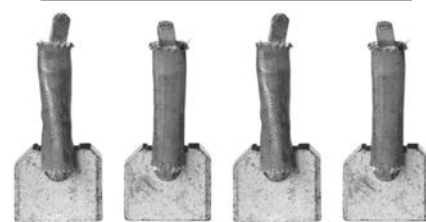


140379 Brush Set

Replacing: 2240-1312, 2240-1311/1312, 2240-1311, 2130-7312, 2130-3315, 2130-13111/7312, 2130-13111/3315

Servicing: S13-101, S13-102, S13-105, S13-105A, S13-129, S13-136, S13-160, S13-329, S13-529, S13-556, S13-556A, S13-62, S13-62B

12 V, Length 15.80, Lead length 35.00, Lead length 2 52.00, Height 19.00, Thickness 7.00



140567 Brush Set

Replacing: 2130-73111, 2130-63112, 2130-53112, 2130-43112, 2130-43111, 2130-23112/73111, 2130-23112

Servicing: S13-100, S13-102, S13-104, S13-105, S13-105A, S13-106A, S13-106B, S13-106C, S13-106E, S13-107, S13-107A, S13-109

12 V, Length 16.00, Lead length 37.00, Height 19.00, Thickness 7.00


140595 Brush Set

Replacing: 2130-7311, 2130-4312/7311, 2130-4312, 2130-4311, 2130-3311, 2130-2312, 2130-1312/3311, 2130-1312

Servicing: S13-06, S13-06A, S13-10, S13-14, S13-18, S13-28, S13-29, S13-32, S13-32A, S13-55
 12 V, Length 22.00, Lead length 33.00, Lead length 2 39.50, Height 19.50, Thickness 9.00


140597 Brush Set

Replacing: 2130-9311, 2130-6312/9311, 2130-6312

Servicing: S13-49A
 12 V, Length 18.00, Lead length 44.50, Height 19.00, Thickness 8.00


140781 Brush Set

Replacing: 2114-73123/83123

Servicing: S114-456, S114-556, S114-556A, S114-557, S114-557A, S114-558
 12 V, Length 16.00, Lead length 89.50, Lead length 2 25.75, Height 11.00, Thickness 4.50


140786 Brush Set

Replacing: 2114-93122, 2114-83121/93122, 2114-83121/73122, 2114-73122, 2114-63123/83121, 2114-63123

Servicing: S114-364, S114-418, S114-419, S114-419A, S114-424, S114-424A, S114-501, S114-501A, S114-505, S114-505A, S114-509
 12 V, Length 16.00, Lead length 28.00, Lead length 2 143.00, Height 11.00, Thickness 7.00


140852 Brush Set

Replacing: 2114-83125, 2114-63125, 2114-43125/83125, 2114-43125/63125, 2114-43125/53125, 2114-43125

Servicing: S114-750, S114-751, S114-752, S114-753, S114-755, S114-756, S114-758, S114-762, S114-762A, S114-762B, S114-765
 12 V, Length 17.00, Lead length 107.00, Lead length 2 34.50, Height 14.00, Thickness 4.50


140922 Brush Set

Replacing: 2114-43127/33127, 2114-43127, 2114-33127/43127, 2114-33127

Servicing: S114-800, S114-800A, S114-800B, S114-801A, S114-801B, S114-801C, S114-801D, S114-802A, S114-806, S114-806A, S114-808
 12 V, Length 15.50, Lead length 32.00, Lead length 2 121.50, Height 14.00, Thickness 4.50


140933 Brush Set

Replacing: 2114-93121, 2114-83124/83121, 2114-83121, 2114-59003, 2114-23124/83121, 2114-23124/6313, 2114-23124

Servicing: S114-364, S114-398, S114-418, S114-419, S114-424, S114-435, S114-435A, S114-435B, S114-435D, S114-435E, S114-505A
 12 V, Length 16.00, Lead length 123.50, Lead length 2 32.32, Height 11.00, Thickness 7.00


140934 Brush Set

Replacing: 2114-83122/83121, 2114-83121/83122

Servicing: S114-516, S114-516A, S114-528, S114-528A
 12 V, Length 16.00, Lead length 82.00, Lead length 2 72.00/27.00, Height 11.00, Thickness 7.00


140953 Brush Set

Replacing: 2114-63126, 2114-53126/63126, 2114-53126

Servicing: S114-800, S114-800A, S114-800B, S114-801A, S114-801B, S114-801C, S114-801D, S114-804, S114-804A, S114-805, S114-805A
 12 V, Length 16.75, Lead length 98.00, Lead length 2 33.00/30.00, Height 13.80, Thickness 4.50


140986 Brush Set

Replacing: 2114-83126, 2114-83123, 2114-73126, 2114-73125/83123, 2114-73125, 2114-73123, 2114-72125/83123

Servicing: S114-435F, S114-435G, S114-568, S114-568A, S114-569, S114-570, S114-570A, S114-570B, S114-570C, S114-650, S114-650A
 12 V, Length 16.00, Lead length 58.00, Lead length 2 32.00/25.00, Height 11.00, Thickness 4.50

Pkg. 5

Pkg. 5



Pkg. 5

141023 Brush Set

Replacing: 2280-1312/1313
 Servicing: S28-23B, S28-25
 24 V, Length 22.50, Lead length 69.00,
 Height 25.00, Thickness 10.00

Bushings

Pkg. 10



140306 Bushing

Replacing: 2114-1452
 Servicing: S114-126M, S114-131, S114-139,
 S114-141, S114-149, S114-151, S114-155,
 S114-156A, S114-171, S114-173, S114-173B
 ID 17.50, OD 20.10, Length 7.60

Pkg. 10



140307 Bushing

Replacing: 2114-1605
 Servicing: S12-43
 ID 12.00, OD 16.30, Length 22.50

Pkg. 10



140308 Bushing

Replacing: 2114-2302
 ID 13.80, OD 19.20, Length 20.15



Pkg. 10

140309 Bushing

Replacing: 2106-1601
 Servicing: S114-131, S114-152, S114-155,
 S114-156A
 ID 11.55, OD 15.10, Length 14.00

Pkg. 10



140310 Bushing

Replacing: 2114-5661, 2114-4661
 Servicing: S108-63, S108-89, S114-103,
 S114-146, S114-152, S114-155, S114-160,
 S114-160A, S114-160B, S114-160D, S114-
 160E
 ID 12.52, OD 16.00, Length 15.00
 Alternative no.: b140310

Pkg. 10



140311 Bushing

Replacing: 2114-9352, 2114-8661, 2114-
 5352, 2114-1601
 Servicing: S108-63, S108-78, S108-89,
 S114-103, S114-141, S114-146, S114-149,
 S114-152, S114-155, S114-160, S114-160A,
 S114-160B
 ID 12.53, OD 16.05, Length 12.00
 Alternative no.: b140311

Pkg. 10



140312 Bushing

Replacing: 2608-8401
 ID 28.30, OD 35.70, Length 10.00



Pkg. 10

140313 Bushing

Replacing: 2130-2601, 2130-1310
 Servicing: S12-41A, S12-48, S12-52, S12-58,
 S12-59, S12-61, S12-62, S12-84, S12-85, S12-
 87, S12-88, S13-06A, S13-138, S13-138A
 ID 14.00, OD 18.00, Length 17.00
 Alternative no.: b140313

Pkg. 10



140314 Bushing

Replacing: 2114-6601, 2114-3601
 Servicing: S114-103, S114-121N, S114-122N,
 S114-126M, S114-132, S114-136, S114-139
 ID 11.07, OD 15.08, Length 15.00
 Alternative no.: b140314

Pkg. 10



140315 Bushing

Replacing: 2114-1352
 Servicing: S114-103, S114-121N, S114-122N,
 S114-126M, S114-132, S114-136, S114-139,
 S114-151, S114-181, S114-301, S114-91
 ID 11.52, OD 15.08, Length 13.00

Pkg. 10



140316 Bushing

Replacing: 2120-2601
 Servicing: S12-19, S12-19C, S12-19K, S12-23,
 S12-24A, S12-32, S12-34, S12-41A, S12-47,
 S12-59, S12-63, S12-63A, S12-63B, S12-63C
 ID 14.00, OD 18.00, Length 20.00
 Alternative no.: b140316

Pkg. 10


140317 Bushing

Replacing: 2120-4401

Servicing: S114-232, S114-237, S12-19, S12-19C, S12-19K, S12-24A, S12-32, S12-34, S12-41A, S12-47, S12-48, S12-52, S12-58, S12-59

ID 20.35, OD 26.50, Length 12.50

Alternative no.: b140317

Pkg. 10


140318 Bushing

Replacing: 2120-4302

Servicing: S12-19, S12-19C, S12-19K, S12-23, S12-24A, S12-32, S12-34, S12-41A, S12-47, S12-59, S12-63, S12-63A, S12-63B, S12-63C

ID 15.03, OD 20.00, Length 16.00

Pkg. 10


140320 Bushing

Replacing: 23319-m0111

ID 11.06, OD 13.03, Length 13.00

Alternative no.: b140320

Pkg. 10


140489 Bushing

Replacing: 2250-3601

Servicing: S13-68, S13-68A, S13-68C, S13-76, S13-76A, S13-86, S25-110F, S25-110G, S25-110K, S25-110L, S25-110M, S25-125A, S25-125B

ID 16.05, OD 21.10, Length 16.90

Pkg. 10


140572 Bushing

ID 27.16, OD 31.14, Length 5.63

Pkg. 10


140584 Bushing

ID 12.62, OD 14.00, Length 19.30

Alternative no.: b140584

Pkg. 10


140660 Bushing

Replacing: 2114-9661

Servicing: S114-456, S114-556

ID 11.17, OD 15.86, Length 12.70

Alternative no.: b140660

Pkg. 10


140669 Bushing

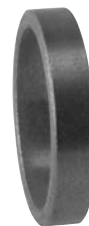
Replacing: 2114-14101

Servicing: S114-501, S114-501A, S114-505, S114-505A, S114-507A, S114-509, S114-516, S114-516A, S114-517, S114-517C, S114-518

ID 25.03, OD/ collar 39.00, OD 32.07, Length 20.00, Height/ collar 3.50

Alternative no.: b140669

Pkg. 10


140696 Bushing

Servicing: S114-264, S114-268, S114-268A, S114-446, S114-453, S114-454, S114-457, S114-459, S114-480, S114-480A

ID 22.02, OD 26.28, Length 5.19

Alternative no.: b140696

Pkg. 10


140736# Bushing

Servicing: S114-509, S114-526, S114-526B

ID 16.02, OD 18.50, Length 7.00

Pkg. 10


140775 Bushing

ID 14.02, OD 15.60, Length 16.00

Alternative no.: b140775

Pkg. 5


140805 Bushing

Replacing: 2108-1821

Servicing: S108-107, S108-108, S108-111, S108-113, S108-114, S108-116, S108-56, S108-57, S108-61, S108-61A, S108-61B, S108-61C

ID 16.09, OD 20.07, Length 11.00

Pkg. 10



140869 Bushing

Servicing: S114-505, S114-509, S114-517, S114-517C, S114-526, S114-526A, S114-526B, S114-528A, S114-535, S114-705, S114-705A
ID 18.12, OD 22.10, Length 7.10
Alternative no.: b140869

Pkg. 10



140870 Bushing

Replacing: 2114-1353
Servicing: S114-141, S114-149, S114-150, S114-160A, S114-160H, S114-161B, S114-161E, S114-171, S114-172A, S114-173, S114-174
ID 12.06, OD 15.56, Length 5.50
Alternative no.: b140870

Pkg. 10



140905# Bushing

Servicing: S114-432A, S114-452, S114-452A, S114-456, S114-456A, S114-460, S114-460A, S114-460B, S114-464, S114-464A
ID 20.01, OD 25.00, Length 10.80
Alternative no.: b140905

Pkg. 10



140909# Bushing

Servicing: S114-232, S114-232A
ID 21.67, OD 26.46, Length 12.55
Alternative no.: b140909

Pkg. 10



140927 Bushing

Replacing: 2114-44101
Servicing: S114-520A, S114-520B, S114-750, S114-751, S114-752, S114-755, S114-756, S114-758, S114-762, S114-762A, S114-762B
ID 18.12, OD 22.04, Length 6.79
Alternative no.: b140927

Pkg. 10



140950 Bushing

Replacing: 2114-24101
Servicing: S114-501, S114-501A, S114-505, S114-505A, S114-507A, S114-509, S114-516, S114-516A, S114-517, S114-517C, S114-518
ID 15.70, OD 19.10, Length 7.00

Pkg. 10



140992 Bushing

Servicing: S114-762, S114-762A, S114-762B
ID 6.04, OD 9.81, Length 7.04

Pkg. 10



140993 Bushing

Servicing: S114-808, S114-808A, S114-808B
ID 6.16, OD 10.00, Length 8.91
Alternative no.: b140993

Pkg. 10



140994 Bushing

Servicing: S114-800, S114-800A, S114-800B, S114-802A, S114-806, S114-806A, S114-808, S114-808A, S114-808B, S114-829, S114-829A
ID 6.84, OD 11.00, Length 8.00
Alternative no.: b140994

Pkg. 10



140995 Bushing

Replacing: 2114-9601
Servicing: S114-430A, S114-430B, S114-430C, S114-431A, S114-431B, S114-431C, S114-432A, S114-439, S114-452, S114-452A, S114-456
ID 20.12, OD 25.12, Length 9.25
Alternative no.: b140995

Pkg. 10



141082 Bushing

ID 22.07, OD 26.00, Length 5.19

Pkg. 10



141132 Bushing

Servicing: S114-526, S114-526B, S114-528A, S114-757, S114-869, S114-925
ID 6.15, OD 10.00, Length 6.85

Pkg. 10


141133 Bushing

Servicing: S108-28H, s108-28k, s108-56,
 s108-76, S108-76A
 ID 9.20, OD 13.05, Length 13.35

Pkg. 10


141134 Bushing

Servicing: S114-753, S114-753C, s114-755,
 s114-756, S114-758, S114-762, S114-762A,
 S114-762B, s114-766a, s114-767, S114-775
 ID 8.15, OD 11.00, Length 8.25

Pkg. 10


141135 Bushing

Servicing: S114-203, s114-613, S114-613A
 ID 12.58, OD 16.03, Length 11.90

Pkg. 10


141136 Bushing

Servicing: s114-161b, s114-161e, s114-161f,
 s114-182g, s114-315, s114-316, s114-317,
 s114-317a, s114-318, s114-318a, s114-345
 ID 12.55, OD 14.00, Length 19.00

Pkg. 10


141137# Bushing

Servicing: s114-430a, s114-439, s114-439a,
 s114-441a, s114-441b, s114-461, s114-461a,
 s114-461b, S114-484
 ID 20.10, OD 25.10, Length 8.65

Pkg. 10


141138 Bushing

Servicing: s114-439a, s114-441a, s114-441b,
 s114-461, S114-484
 ID 20.20, OD 25.10, Length 10.65

Pkg. 10


141139 Bushing

Servicing: s114-503a, s114-516, s114-517c,
 s114-519a, s114-520b, s114-525, s114-527,
 s114-527a, s114-527b, s114-528, s114-528a
 ID 18.25, OD 22.05, Length 6.70

Pkg. 10


141140 Bushing

Servicing: S15-02, S15-03
 ID 18.05, OD 24.05, Length 19.25

Pkg. 10


141198 Bushing

Servicing: s114-829, s114-829a, s114-829b,
 S114-829C, S114-829D
 ID 12.10, OD 16.03, Length 5.50

Pkg. 100


B140310 Bushing

Replacing: 2114-5661, 2114-4661
 Servicing: s114-229f, s114-235
 ID 12.52, OD 16.00, Length 15.00
 Alternative no.: 140310

Pkg. 100


B140311 Bushing

Replacing: 2114-9352, 2114-8661, 2114-
 5352, 2114-1601
 Servicing: s114-229f, s114-235, s114-317,
 s114-345, s114-525a
 ID 12.53, OD 16.05, Length 12.00
 Alternative no.: 140311

Pkg. 100


B140313 Bushing

Replacing: 2130-2601, 2130-1310
 Servicing: s13-41c, s25-106, S25-121
 ID 14.00, OD 18.00, Length 17.00
 Alternative no.: 140313

Pkg. 100



B140314 Bushing
 Replacing: 2114-6601, 2114-3601
 ID 11.07, OD 15.08, Length 15.00
 Alternative no.: 140314

Pkg. 100



B140316 Bushing
 Replacing: 2120-2601
 Servicing: s12-19kb
 ID 14.00, OD 18.00, Length 20.00
 Alternative no.: 140316

Pkg. 100



B140317 Bushing
 Replacing: 2120-4401
 Servicing: s12-19kb, s25-106, S25-121
 ID 20.35, OD 26.50, Length 12.50
 Alternative no.: 140317

Pkg. 100



B140573# Bushing
 Replacing: 140573
 ID 27.12, OD/ collar 31.40, OD 31.23,
 Length 5.80, Height/ collar 2.20
 Alternative no.: 140573

Pkg. 100



B140584 Bushing
 Replacing: 140584
 ID 12.62, OD 14.00, Length 19.30
 Alternative no.: 140584

Pkg. 100



B140660 Bushing
 Replacing: 2114-9661
 ID 11.17, OD 15.86, Length 12.75
 Alternative no.: 140660

Pkg. 100



B140669 Bushing
 Replacing: 2114-14101
 ID 25.02, OD/ collar 39.00, OD 32.10,
 Length 19.80, Height/ collar 3,45
 Alternative no.: 140669

Pkg. 100



B140696 Bushing
 Replacing: 140696
 ID 22.02, OD 23.28, Length 5.19
 Alternative no.: 140696

Pkg. 100



B140775 Bushing
 Replacing: 140775
 ID 14.02, OD 15.60, Length 16.00
 Alternative no.: 140775

Pkg. 100



B140869 Bushing
 Replacing: 140869
 ID 18.12, OD 22.10, Length 7.10
 Alternative no.: 140869

Pkg. 100



B140870 Bushing
 Replacing: 2114-1353
 ID 12.06, OD 15.56, Length 5.50
 Alternative no.: 140870

Pkg. 100



B140927 Bushing
 Replacing: 2114-44101
 ID 18.12, OD 22.04, Length 6.79
 Alternative no.: 140927

Pkg. 100


B140993 Bushing

 Replacing: 140993
 ID 6.16, OD 10.00, Length 8.91
 Alternative no.: 140993

Pkg. 100


B140994 Bushing

 Replacing: 140994
 ID 6.84, OD 11.00, Length 8.00
 Alternative no.: 140994

Pkg. 100


B140995 Bushing

 Replacing: 2114-9601
 ID 20.12, OD 25.12, Length 9.25
 Alternative no.: 140995

Bearings
Ball Bearings

Pkg. 10


140222 Ball Bearing

 Replacing: 2130-3509, 2114-55002, 2114-45511, 2114-15511, 2114-15502
 Servicing: S114-252F, S114-253B, S114-254B, S114-254c, S114-254D, S114-255A, S114-256B, S114-257, S114-257G, S114-257H, S114-258C
 ID 8.00, OD 22.00, Height 7.00

Pkg. 10


140225 Ball Bearing

 Replacing: 2114-35511, 2114-25511, 2114-25502
 Servicing: S114-252F, S114-253B, S114-254B, S114-254c, S114-254D, S114-255A, S114-256B, S114-257, S114-257G, S114-257H, S114-258C
 ID 17.00, OD 30.00, Height 7.00

140226 Ball Bearing

 Replacing: 2130-5509, 2114-95502, 2114-75502, 2114-35502
 Servicing: S114-252F, S114-253B, S114-254D, S114-255A, S114-256B, S114-257, S114-257G, S114-257H, S114-258C, S114-264, S114-290B
 ID 20.00, OD 37.00, Height 9.00

140227 Ball Bearing

 Replacing: 2130-3302
 Servicing: S13-107A, S13-118, S13-138, S13-138A, S13-33, S13-33A, S13-33B, S13-34A, S13-37, S13-37B, S13-38A, S13-38B, S13-40
 ID 25.00, OD 42.00, Height 9.00

Pkg. 10


140271 Ball Bearing

 Replacing: 6000j
 Servicing: LR1110-705, LR1110-705B, LR1110-709, LR1110-723B, LR140-703, LR140-704, LR140-705, LR140-707, LR140-708, LR140-708C
 ID 10.00, OD 26.00, Height 8.00

Needle Bearings

Pkg. 5


140457 Needle Bearing

 Replacing: 2130-3451
 Servicing: S13-49A
 ID 20.00, OD 26.00, Height 12.00, Rolls 23

Pkg. 5


140495 Needle Bearing

 Replacing: 2250-1451
 Servicing: S13-33, S13-33A, S13-33B, S13-37, S13-37B, S13-38A, S13-38B, S13-41, S13-41A, S13-45A, S13-45B, S13-68, S13-86
 ID 15.00, OD 21.00, Height 12.00, Rolls 16

Pkg. 5


140972 Needle Bearing

 Replacing: 2114-1411
 ID 22.00, OD 28.00, Height 16.00

Repair Kits

137947 Repair Kit

 Replacing: 2114-58503, 2114-48004
 Servicing: S114-257, S114-257G, S114-257H, S114-338A, S114-339A, S114-339C, S114-339D, S114-342, S114-342A, S114-349A, S114-349B
Rubber: HC-CARGO 230230.

Sundry Parts

C.E. Covers

Pkg. 5



134477 Cap

Replacing: 2114-4862, 2114-48012, 2114-28012

Servicing: S114-103, S114-160, S114-160B, S114-160D, S114-160G, S114-163, S114-163E, S114-163F, S114-170B, S114-170E, S114-172A

OD 43.10, Height 9.20



137834# C.E. Bracket

Replacing: 2130-33012

Servicing: s13-38a, S13-38B, S13-45A, s13-45b, S25-110G, S25-110K, S25-110M, S25-164A

ID 85.00

Oil Seals

Pkg. 5



138121 Oil Seal

Replacing: 2130-1402

Servicing: S13-138, S13-138A, S13-33, S13-33A, S13-33B, S13-34A, S13-37, S13-37B, S13-38A, S13-41, S13-41A, S13-41B, S13-41D

ID 77.70, OD 89.00, Height 7.60

O-rings

Pkg. 10



134485 O-ring

Servicing: S13-289, S13-289A, S13-302, S13-302A, S13-302B, S13-331, S13-531

ID 4.00, Thickness 2.00

Pkg. 10

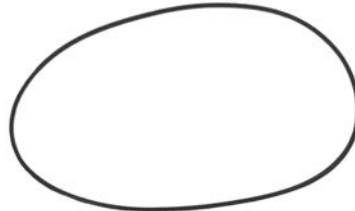


137038 O-ring

Servicing: LR1100-501, LR1100-501B, LR1100-502, LR1100-502B, LR1100-502C, LR1100-502D, LR1100-502E, LR1100-502F, LR1100-502G

ID 26.00, Thickness 2.00

Pkg. 5



231391 O-ring

Replacing: 2240-6901, 2114-88004

Servicing: S114-254B, S114-254D, S114-258C, S114-268, S114-290B, S114-296A, S114-322A, S114-344, S114-367, S114-374B, S114-393

Thickness 1.40

Thru Bolts

Pkg. 2



139594 Through Bolt

Replacing: 2130-5820

Servicing: S13-138, S13-138A, S13-33, S13-33A, S13-33B, s13-37, S13-37B, S13-38A, S13-38B, S13-41, S13-41A, S13-41D, S13-45A

Total length 149.60, Thread length 27.30, Length/ rear collar 145.55, Thread size M5

Pkg. 2



230715 Through Bolt

Replacing: 2130-9820

Servicing: S114-520A, S114-520B, S13-100, S13-102, S13-104, S13-106A, S13-106B, S13-106C, S13-106E, S13-107, S13-107A, S13-109

Total length 144.90, Thread size M6

Pkg. 2



233603 Through Bolt

Replacing: 2120-6810

Servicing: S12-19, S12-19C, S12-19K, S12-48, S12-52, S12-58, S12-62, S12-63, S12-63A, S12-63B, S12-63C, S12-68, S12-68B, S12-68D

Total length 169.00,

Length/ rear collar 164.35,

Thread length 28.00, Thread size M6

Various



132104# Captive Nut

Servicing: S12-59, S13-84

Thread M12, OD 23.00, Lock nut No



132847 Stop Collar Kit

Replacing: 2250-6105

Servicing: S12-48, S12-52, S12-58, S12-62, s12-88, S13-25, S13-32, S13-84, S13-84B, S24-64B, S24-64E, S25-106A, S25-120, S25-120A


133607 Stop Collar Kit

Replacing: 2120-1110, 2114-3155
 Servicing: S114-151, S12-19, S12-19C, S12-19K, S12-24A, S12-32, S12-34, S12-41A, S12-43, S12-47, S12-59, S12-63, S12-63A, S12-63B


133608 Stop Collar Kit

Replacing: 2130-2119, 2130-1119
 Servicing: S12-85, S12-87, S13-06A, S13-138, S13-138A, S13-14, S13-24, S13-24A, S13-27, S13-27A, S13-28, S13-32A, S13-33, S13-33A
 ID 13.95, OD 20.00, Height 6.10


133609 Stop Collar Kit

Replacing: 2114-7155, 2114-3158
 Servicing: s114-146, S114-152, S114-155, S114-160, S114-160A, S114-160B, S114-160D, S114-160E, s114-160f, S114-160G, S114-160H
 ID 12.52, OD 17.09, Height 4.62


133611 Stop Collar Kit

Replacing: 2114-29006
 Servicing: S114-252F, S114-253B, S114-254D, S114-255A, S114-256B, s114-257, S114-257G, S114-257H, S114-258C, s114-264, S114-290B

Pkg. 10


134227 DP Washer

ID 27.00, OD 51.90, Thickness 3.15,
 Material Steel


134231 DP Washer

ID 22.00, OD 42.00, Thickness 3.00,
 Material Steel


134232 DP Washer

ID 22.55, OD 41.85, Thickness 0.60


135187 Stop Collar Kit

Replacing: 2240-1900
 Servicing: S13-107A, S13-160, S14-102, S24-03A, S24-03B, S24-03C, S24-05A, S24-05B, S24-07, S24-08, S24-08A, S24-10, S24-11


135188 Cap

Replacing: 2130-2509
 Servicing: S13-106A, S13-106B, S13-106C, S13-106E, S13-107, S13-107A, S13-111, S13-112, S13-113, S13-114, S13-117, S13-117A
 OD 23.20, Height 9.50

Pkg. 10

Pkg. 10

Pkg. 10

Pkg. 10


135360 DP Washer

ID 27.55, OD 51.85, Thickness 0.50,
 Material Steel


135478 Washer Kit

Replacing: 2114-8110
 Servicing: D/D types, S108-63, S108-89, S114-146, S114-152, S114-155, S114-160, S114-160A, S114-160B, S114-160D, S114-160E


135492 Connection

Servicing: S114-519A, S114-520A, S114-520B, s114-525a, S114-528, S114-528A, S114-530, S114-533, S114-534, S114-535, S114-569


135522 Washer

ID 19.50, OD 33.00, Thickness 0.50,
 Material Fiber

Pkg. 10

Pkg. 10

Pkg. 10

Pkg. 10



135953 Bearing Plate

Replacing: 2114-38007

Servicing: S114-254B, S114-254D, S114-258C, S114-268, S114-290, S114-290A, S114-290B, S114-296A, S114-322, S114-322A, S114-344

ID 31.20, OD 75.30, Thickness 24.45, No./ mount. holes 3, Gasket w/o



135975 Dust Cover Kit

Replacing: 2114-6963, 2114-5963, 2114-3963

Servicing: S114-103, S114-146, S114-160, S114-160B, S114-160D, S114-160E, S114-160F, S114-160G, S114-162D, S114-163, S114-163E



136111 Washer/ Seal Kit

Replacing: 2130-6913, 2130-3913

Servicing: S13-104, S13-105, S13-105A, S13-107, S13-114, S13-129, S13-131, S13-329, S13-529, S13-66, S13-66A, S13-92A

ID 28.90, OD 52.00, Thickness 0.80, Material Steel



137301 Bearing Plate

Replacing: 2130-5615, 2130-4615

Servicing: S13-104, S13-106A, S13-106B, S13-106C, S13-106E, S13-111, S13-112, S13-112A, S13-113, S13-114, S13-114A, S13-117

ID 38.00, OD 75.20, Thickness 16.50, No./ mount. holes 3, Gasket w/o



137302 Dust Cover Kit

Replacing: 2130-7913

Servicing: S13-106A, S13-106B, S13-106C, S13-106E, S13-122, S13-126, S13-126A, S13-127, S13-127A, S13-127C, S13-137A

Pkg. 5



137306 Rubber Boot

Replacing: 2114-2742

Servicing: S108-91, S114-164, S114-164A, S114-225, S114-228, S114-230, S114-230A, S114-235, S114-235A, S114-235B, S114-257

ID 22.35, OD 25.15, Length 28.50



137541 Seal/Washer Kit

Replacing: 3130-2610, 2130-2610

Servicing: S12-48, S12-58, S12-62, S12-88, S13-06A, S13-14, S13-18, S13-24, S13-24A, S13-25, S13-27, S13-27A, S13-28, S13-31

Pkg. 10



139207 Washer

ID 22.00, OD 40.00, Thickness 3.00, Material Steel

Pkg. 10



139208 Clutch Washer

ID 22.85, OD 39.25, Thickness 0.50, Material Steel



139276# Bearing Plate

Replacing: 2130-2615

Servicing: S114-357, S114-357A, S114-357B, S114-357C, S114-367, S114-395A, S114-471, S114-471A, S114-472, S114-472A, S114-482

ID 37.50, Thickness 17.00, No./ mount. holes 3

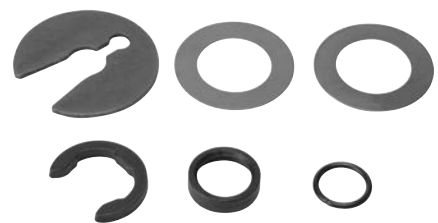


139568# Bearing Plate

Replacing: 2114-58008

Servicing: S114-516, S114-516A, S114-528, S114-528A

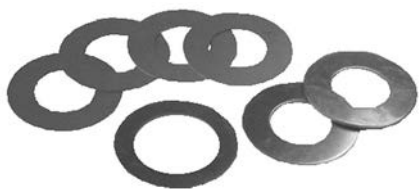
ID 31.00, OD 73.85, Thickness 11.90, No./ mount. holes 3, Gasket w/o



139664 Washer Kit

Replacing: 2114-39505

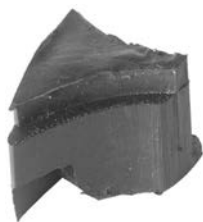
Servicing: S114-769, S114-769A, S114-800, S114-800A, S114-800B, S114-801A, S114-801B, S114-801C, S114-801D, S114-802A, S114-804


139665# Washer Kit

Replacing: 2120-1115

 Servicing: S114-264, S12-19, S12-19C, S12-19K, S12-24A, S12-32, S12-34, S12-43, S12-47, S12-48, S12-52, S12-58, S12-61, S12-62
 ID 15.45, OD 29.85, Thickness 0.20,
 Material Steel

Pkg. 10


230230# Rubber Seal

Servicing: S114-257, s114-257g, s114-342a, s114-349, s114-349a, s114-349B, s114-448, s114-483, s114-483A

Length 24.40

Part of kit: HC-CARGO 137947.


230246 Rubber/washer Kit

Replacing: 2114-88504

Servicing: S114-800, S114-800A, S114-800B, S114-801A, S114-801B, S114-801C, S114-801D, S114-802A, S114-804, S114-804A, S114-805


230714 Rubber/washer Kit

Replacing: 2130-3917

Servicing: s13-122, S13-127, S13-127A, S13-127C, S13-212, S13-213, S13-307A, S13-322, S13-326, S13-327, S14-205, S14-206


231286 Bearing Plate

Replacing: 2240-3615

Servicing: S24-03A, S24-03B, S24-03C, S24-13, S25-161

 ID 46.60, OD 92.00/70.00/52.20,
 Thickness 17.20, No./ mount. holes 3,
 Gasket w/o

Pkg. 4


231297 Screw

Replacing: 2114-3215

Servicing: S108-111, S108-63, S108-78, S108-89, S114-151, S114-152, S114-155, S114-160A, S114-160B, S114-160D, S114-160E

 Thread M8, Thread length 6.00,
 Slot type Phillips, Pozidriv,
 Countersink Yes

231907# Lock Plate

Servicing: S114-419, s114-419a

 Thickness 0.20, Material Steel
 66.15x212.40 mm.

Pkg. 5


232593 Rubber Drain

Servicing: s114-516, s114-516a, s114-525, s114-525a, S114-528, S114-528A, S25-110G, S25-110K, S25-110M, S25-164A

ID 6.20, OD 7.85, Length 43.75


233541 Connection

Servicing: s114-306, S114-453, S114-454, s114-458, S114-471, S114-471A, S114-472A, S114-482, S114-509, S114-516, S114-516A

Pkg. 10


234642 Washer Kit

Servicing: S114-829, s114-829a, s114-829b

OD 23.00, Height 18.50


238659 Wire clip

Servicing: s114-750, s114-766a, s114-767, s114-769a, s114-800, s114-800a, s114-800b, s114-802a

 Length 43.20, Thickness 20.00,
 Width 53.30 mm, Material Steel,
 Self adhesive No

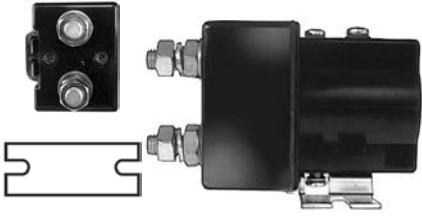
330153 Gasket

Servicing: S114-902, S114-902A, s114-922

 Length 210.00, Thickness 7.88,
 Width 7.73 mm, Type Starter

Solenoids

24 Volt



138685 Solenoid

Replacing: 3224

24 V, 100 Amp, B+ M8,
 Total length 93.80, Heig
 ht/ B+ 20.25, Coil bolt M8,
 Coil bolt 2 20.10, No./ terminals 4
 Silver contact.

Armatures
12 Volt

130319 Armature

Replacing: 16.360.326

 3 kW, Shaft length 333.00, Rotation CR,
Core thickness 75.00, No./ splines 10
V: HC-CARGO 133515.

131075 Armature

Replacing: 16.360.325

 3 kW, Shaft length 337.00, Rotation CR,
Core thickness 75.00, No./ splines 10
9 V: HC-CARGO 134285.

138212 Armature

Replacing: 16.360.402

 Servicing: 11.130.179, 11.130.201,
11.130.254, 11.130.366, 11.130.402,
11.130.403, 11.130.408, 11.130.409,
11.130.410, 11.130.411
3 kW, Shaft length 335.15, Rotation CR,
Core thickness 75.00, No./ splines 10

138260 Armature

Replacing: 16.360.198

 Servicing: 11.130.026, 11.130.074, 11.130.076,
11.130.127, 11.130.140, 11.130.190, 11.130.194,
11.130.198, 11.130.199, 11.130.200
3 kW, Shaft length 335.00, Rotation CR,
Core thickness 74.80, No./ splines 10

138670 Armature

Replacing: 16.360.277

 Servicing: 11.130.117, 11.130.119, 11.130.123,
11.130.203, 11.130.222, 11.130.247, 11.130.250,
11.130.309, 11.130.319, 11.130.386
2.4/2.7 kW, Shaft length 292.50,
Core thickness 75.00, No./ splines 10,
Rotation CR

230855 Armature

Replacing: 16.361.103

 Servicing: 11.130.665, 11.130.694,
11.130.709, 11.130.736, 11.130.795,
11.130.811, 11.130.889, 11.130.895,
11.130.995, AZJ3217
2.7 kW, Shaft length 309.96,
Core thickness 75.00, No./ splines 10,
Rotation CR

233991 Armature

Replacing: 16.361.897

 Servicing: 11.130.979, 11.131.164
2.7 kW, Shaft length 145.40,
Core thickness 59.35, No./ teeth 13

24 Volt

130119 Armature

Replacing: 16.360.322

 4 kW, Shaft length 333.00, Rotation CR,
Core thickness 75.00, No./ splines 10
V: HC-CARGO 137286.

130120 Armature

Replacing: 16.360.333

 Servicing: 11.130.041, 11.139.013,
11.139.025, 11.139.029, 11.139.506,
AZK5173, AZK5184, AZK5188, AZK5401,
AZK5545
5 kW, Shaft length 235.00,
Core thickness 83.00
Clutch housing: HC-CARGO 231369.

130320 Armature

Replacing: 16.360.068

 5.5 kW, Shaft length 270.00,
Core thickness 83.00, Rotation CR
Clutch housing: HC-CARGO 231369.

131116 Armature

Replacing: 16.360.576

 4.8 kW, Shaft length 366.00,
Core thickness 75.00, No./ splines 10,
Rotation CR

131309 Armature

Replacing: 16.360.324

 4 kW, Shaft length 337.00,
Core thickness 75.00, No./ splines 10,
Rotation CR
18 V: HC-CARGO 137287.



131311 Armature

Replacing: 16.360.539
 Servicing: 11.139.030, 11.139.032,
 11.139.107, AZK5189, AZK5191, AZK5456
 6.6 kW, Shaft length 256.00,
 Core thickness 83.00, Rotation CR
 Clutch housing: HC-CARGO 231369.



138831 Armature

Replacing: 16.360.703, 16.360.404
 Servicing: 11.130.010, 11.130.364,
 11.130.367, 11.130.407, 11.130.490,
 11.130.491, 11.130.492, 11.130.534,
 11.130.537, 11.130.595
 4 kW, Shaft length 335.00,
 Core thickness 75.00, No./ splines 10,
 Rotation CR

Yokes w/magnets

12 Volt



231013# Yoke

Replacing: 16.280.566
 Servicing: 11.130.417, 11.130.593,
 11.130.724, 11.130.775, 11.130.845,
 11.130.854, aze2502, aze2512, AZE2538,
 AZE2543, aze2558
 12 V, 1.4 kW, OD/ middle 79.40,
 Length 111.40, Brush gear w/o,
 Magnets w/

Field Coils

12 Volt



130128 Field Coil

Replacing: 16.905.391
 12 V, 3 kW, Height 133.50,
 Width 275.60, Internal height 85.60,
 Inner width 32.50



130323 Field Coil

Replacing: 18.500.808
 Servicing: 10.130.140, 10.130.141,
 10.130.142, 10.130.146, 10.130.207,
 11.130.009, 11.130.104, 11.130.116,
 11.130.126, 11.130.320
 12 V, 3 kW, Height 115.85,
 Internal height 73.60, Inner width 28.60



130325 Field Coil

Replacing: 18.500.806, 18.500.803
 Servicing: 10.130.141, 10.130.142,
 10.130.207, 11.130.009, 11.130.104,
 11.130.116, 11.130.126, 11.130.320
 12 V, 3 kW, Height 116.00,
 Internal height 71.25, Inner width 28.65



131134 Field Coil

Replacing: 16.905.386
 12 V, 3 kW, Height 128.30,
 Internal height 87.00, Inner width 32.25



230854 Field Coil

Replacing: 16.906.171, 16.905.171
 Servicing: 10.201.032, 11.130.117,
 11.130.119, 11.130.123, 11.130.203,
 11.130.222, 11.130.247, 11.130.248,
 11.130.250, 11.130.253
 12 V, 2.7 kW, Height 113.75,
 Internal height 72.30, Inner width 31.25

24 Volt



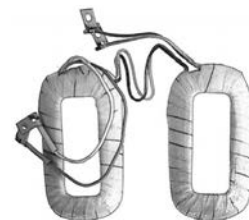
130127 Field Coil

Replacing: 16.905.384
 24 V, 4 kW, Height 127.00,
 Width 277.00, Internal height 86.50,
 Inner width 33.00



130130 Field Coil

Replacing: 18.500.044
 24 V, 5.5/6.5 kW, Height 152.25,
 Width 308.00, Internal height 100.50,
 Inner width 28.60
 Long.



130322 Field Coil

Replacing: 18.500.807
 Servicing: 10.130.121, 10.130.123,
 10.130.125, 11.130.005, 11.130.115,
 11.130.606
 24 V, 4 kW, Height 114.15,
 Internal height 72.25, Inner width 28.40


131074 Field Coil

Replacing: 16.905.621
 24 V, 4 kW, Height 127.60,
 Internal height 86.75, Inner width 33.30


131983# Field Coil

Replacing: 18.500.804, 18.500.800
 Servicing: 10.130.121, 10.130.123, 10.130.125,
 11.130.005, 11.130.115, 11.130.606
 24 V, 4 kW, Height 109.70,
 Internal height 72.35, Inner width 29.30


231014 Field Coil

Replacing: 16.905.693, 16.905.229
 Servicing: 11.130.010, 11.130.030, 11.130.151,
 11.130.339, 11.130.407, 11.130.491, 11.130.598,
 11.130.672, 11.130.673, azj0602
 24 V, 4 kW, Height 142.20,
 Internal height 102.30, Inner width 31.50

Solenoids
12 Volt

130281 Solenoid

Replacing: 16.670.127
 12 V, B+ Cable, OD 85.90,
 Total length 93.80


130806 Solenoid

Replacing: 16.670.124
 12 V, B+ M10, Kl. 50 M4,
 ID/ cover 30.45, OD 61.20,
 OD/ cover 53.50, Total length 162.65,
 Height/ B+ 21.85, Width/ kl. 50 3.65,
 Coil bolt M10, Coil bolt 2 15.15,
 No./ terminals 3
 Cap: HC-CARGO 131318.


131370 Solenoid

Replacing: ard1133, 11.250.142, 11.250.121
 12 V, 80 Amp, Intermittent load 500 Amp.,
 B+ M8, Kl. 50 6.30, OD 52.10,
 OD/ cover 45.20, Total length 101.75,
 Height/ B+ 17.50, Width/ kl. 50 10.65,
 Coil bolt M8, Coil bolt 2 17.50,
 Seconds 5, No./ terminals 4
 Water proof. Silver contact. Insulated
 return.

Alternative no.: 333160


133983 Solenoid

Replacing: 16.905.426
 Servicing: 11.130.210, 11.130.291,
 11.130.334, 11.130.351, 11.130.600,
 azf3513, azf3524, azf3527, azf3533
 12 V, B+ M8, Kl. 15a 6.30,
 Kl. 50 6.30, ID/ cover 25.20, OD 56.25,
 OD/ cover 46.90, Total length 120.75,
 Height/ B+ 15.00, Width/ kl. 15a 14.50,
 Width/ kl. 50 14.70, Coil bolt M8,
 Coil bolt 2 15.00, No./ terminals 4
 Cap: HC-CARGO 137866.


134042 Solenoid

Replacing: 16.907.055, 16.905.810,
 16.905.524, 16.905.423, 16.905.402
 Servicing: 11.130.166, 11.130.233,
 11.130.234, 11.130.244, 11.130.245,
 11.130.292, 11.130.293, 11.130.321,
 11.130.338, 11.130.352
 12 V, B+ M8, Kl. 50 6.30,
 ID/ cover 25.25, OD 56.00,
 OD/ cover 47.10, Total length 121.80,
 Height/ B+ 14.70, Width/ kl. 50 14.85,
 Coil bolt M8, Coil bolt 2 14.45,
 No./ terminals 3
 Cap: HC-CARGO 133890.


135092 Solenoid

Replacing: 16.906.658, 16.905.418
 Servicing: 11.130.208, 11.130.346,
 11.130.582, 11.130.646, 11.130.790,
 11.130.956, AZE1203, aze2522, azf3512,
 azf3531, AZF3558
 12 V, B+ M8, Kl. 50 6.30,
 ID/ cover 26.35, OD 54.00,
 OD/ cover 48.35, Total length 103.85,
 Height/ B+ 18.45, Width/ kl. 50 10.00,
 Coil bolt M8, Coil bolt 2 18.00
 Cap: HC-CARGO 133892.


139522 Solenoid

Replacing: 16.906.642, 16.906.542,
 16.905.754
 Servicing: 11.130.123, 11.130.179,
 11.130.203, 11.130.322, 11.130.403,
 11.130.410, 11.130.500, 11.130.510,
 11.130.532, 11.130.533
 12 V, B+ M10, Kl. 50 6.30, OD 61.00,
 OD/ cover 53.85, Total length 171.20,
 Height/ B+ 24.00, Width/ kl. 50 10.40,
 Coil bolt M10, Coil bolt 2 18.20,
 No./ terminals 3

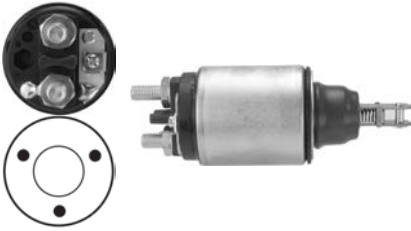


139523 Solenoid

Replacing: 16.905.814

Servicing: 11.130.328, 11.130.395, 11.130.398, 11.130.505, 11.130.965, aze1502, AZE1507, azf3549, azf3555

12 V, B+ M8, Kl. 50 6.30, ID/ cover 26.20, OD 54.00, OD/ cover 48.45, Total length 100.00, Height/ B+ 14.75, Width/ kl. 50 11.10, Coil bolt M8, Coil bolt 2 14.15, No./ terminals 3

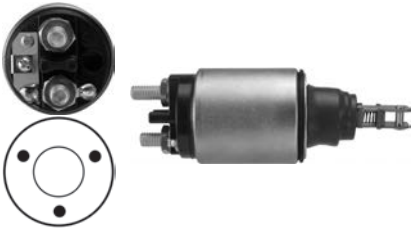


139634 Solenoid

Replacing: 16.906.015, 16.905.143

Servicing: 11.130.026, 11.130.201, 11.130.247, 11.130.250, 11.130.251, 11.130.253, 11.130.254, 11.130.309, 11.130.319, 11.130.376

12 V, B+ M10, ID/ cover 30.00, OD 60.90, OD/ cover 53.75, Total length 152.65, Height/ B+ 23.00, Coil bolt M10, Coil bolt 2 17.90, No./ terminals 3

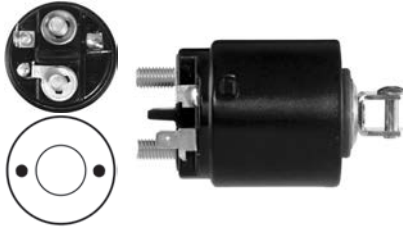


230853 Solenoid

Replacing: 16.908.097

Servicing: 11.130.736, 11.130.881, 11.131.015, 11.131.140, azj3258, AZJ3310, AZJ3355, AZJ3528

12 V, B+ M10, OD 61.00, OD/ cover 53.80, Total length 168.45, Height/ B+ 23.50, Coil bolt M10, Coil bolt 2 19.00, No./ terminals 3



231012 Solenoid

Replacing: 16.906.836

Servicing: 11.130.724, 11.130.845, AZE2538, aze2558

12 V, B+ M8, Kl. 15a 6.30, Kl. 50 6.30, ID/ cover 16.80, OD 53.90, OD/ cover 51.90, Total length 99.50, Switch dim. 5.60, Height/ B+ 15.00, Width/ kl. 50 6.30, No./ terminals 4
Cap: HC-CARGO 137866.



233765 Solenoid

Replacing: 16.906.819

Servicing: 11.130.432, 11.130.619, 11.130.732, 11.130.838, 11.130.839, azj3123, azj3196, azj3255, AZJ3291, AZJ3292

12 V, B+ M10, ID/ cover 30.00, OD 61.00, OD/ cover 53.80, Total length 153.00, Height/ B+ 23.25, Coil bolt M10, Coil bolt 2 18.90, No./ terminals 3



234943 Solenoid

Replacing: 16.906.653

Servicing: 11.130.558, 11.130.647, 11.130.651, aze2507, aze2523, aze2525

12 V, B+ M8, Kl. 50 M6, ID/ cover 26.40, OD 54.30, OD/ cover 47.80, Total length 109.40, Height/ B+ 22.15, Width/ kl. 50 14.41, Coil bolt M8, Coil bolt 2 11.31, No./ terminals 3

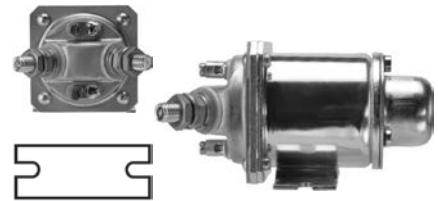


235093 Solenoid

Replacing: 16.908.624

Servicing: 11.131.052, 11.131.136, 11.131.157, 11.131.164, 11.131.186, 11.131.233, aze1230, aze2117, aze2138, aze2141, AZE2636

12 V, B+ M8, Kl. 50 6.30, OD 54.05, Total length 102.93, Height/ B+ 14.83, Coil bolt M8, Coil bolt 2 15.00, No./ terminals 3



333160 Solenoid

Manufacturer: Bosch

Replacing: ard1133, 11.250.142, 11.250.121
12 V, 80 Amp, Intermittent load 500 Amp., B+ M8, Kl. 50 6.30, OD 52.10, OD/ cover 45.20, Total length 101.75, Height/ B+ 17.50, Width/ kl. 50 10.65, Coil bolt M8, Coil bolt 2 17.50, Seconds 5, No./ terminals 4
Water proof. Silver contact. Insulated return.
Alternative no.: 131370

24 Volt



130282 Solenoid

Replacing: 16.670.073


Servicing: 11.139.030, AZK5189

24 V, B+ Cable, OD 69.30, Total length 91.20


130303 Solenoid

Replacing: 16.905.395

24 V, B+ M10, Kl. 30h M10, OD/ cover 53.35, Total length 173.00, Height/ B+ 23.95, Width/ kl. 30h 16.75, Width/ kl. 50 12.82, Coil bolt M10, Coil bolt 2 18.00, No./ terminals 3
 Cap: HC-CARGO 133447.

 Alternative no.: 333138 , 130303z

130303Z Solenoid

Replacing: 16.905.395

24 V, B+ M10, Kl. 30h M10, Kl. 50 M6S, ID/ cover 30.00, OD 60.90, OD/ cover 53.35, Total length 173.00, Height/ B+ 23.95, Width/ kl. 30h 16.75, Width/ kl. 50 12.82, Coil bolt M10, Coil bolt 2 18.00, No./ terminals 3
 Cap: HC-CARGO 133447.


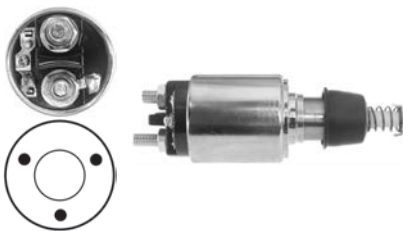
Alternative no.: 130303


130304 Solenoid

Replacing: 16.150.010


Servicing: 11.130.041, 11.139.013, 11.139.025, 11.139.029, 11.139.030, 11.139.032, 11.139.506, AZK5173, AZK5184, AZK5188, AZK5189

24 V, B+ Cable, OD 95.25, Total length 93.30

 Alternative no.: 333155 

131053 Solenoid

Replacing: 16.670.119

24 V, B+ M10, ID/ cover 30.00, OD 60.90, OD/ cover 53.15, Total length 182.30, Height/ B+ 23.30, Width/ kl. 50 2.25, Coil bolt M10, Coil bolt 2 16.30, No./ terminals 3
 Cap: HC-CARGO 131318. Rubber boot: HC-CARGO 135576.


 Alternative no.: 333143 

133554 Solenoid

Replacing: 16.670.012

Servicing: 11.130.041, 11.139.013, 11.139.025, 11.139.029, 11.139.032, 11.139.506, AZK5173, AZK5184, AZK5188, AZK5191, AZK5401

24 V, OD 69.30, Total length 91.90

 Alternative no.: 333154 

139988 Solenoid

Replacing: 16.905.159

Servicing: 11.130.141, 11.130.491, 11.130.645, azj3132, AZJ3211, AZJ3518

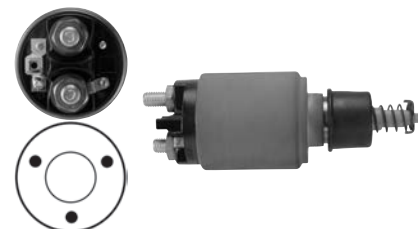
24 V, B+ M10, ID/ cover 30.00, OD 60.85, OD/ cover 53.75, Total length 147.20, Height/ B+ 18.20, Coil bolt M10, Coil bolt 2 17.25, No./ terminals 3


234985 Solenoid

Replacing: 16.905.764

Servicing: 11.130.146, 11.130.216, 11.130.225, 11.130.492, 11.130.598, 11.130.687, 11.130.861, azj3133, azj3188, azj3231, AZJ3298

24 V, B+ M10, Kl. 50 6.30, ID/ cover 46.65, OD 60.97, OD/ cover 58.64, Total length 155.00, Switch dim. 10.41, Height/ B+ 14.82, Coil bolt M10, Coil bolt 2 10.51, No./ terminals 3


333143  Solenoid

Manufacturer: Bosch

Replacing: 16.670.119

24 V, B+ M10, ID/ cover 30.00, OD 60.90, OD/ cover 53.15, Total length 182.30, Height/ B+ 23.30, Width/ kl. 50 2.25, Coil bolt M10, Coil bolt 2 16.30, No./ terminals 3
 Cap: HC-CARGO 131318. Rubber boot: HC-CARGO 135576.

Alternative no.: 131053


333154  Solenoid

Manufacturer: Bosch

Replacing: 16.670.012

24 V, OD 69.30, Total length 91.90

Alternative no.: 133554



333155 Solenoid
 Manufacturer: Bosch
 Replacing: 16.150.010
 24 V, B+ Cable, OD 95.25,
 Total length 93.30
 Alternative no.: 130304

Solenoid Parts

Solenoid Caps



133890 Solenoid Cap
 Servicing: 11.130.007, 11.130.102, 11.130.166,
 11.130.233, 11.130.244, 11.130.338, 11.130.392,
 11.130.417, 11.130.590, 11.130.722
 No./ terminals 3, Bracket type Crimp
 HC-CARGO 133640, 134042.



133892 Solenoid Cap
 Servicing: 11.130.208, 11.130.328,
 11.130.346, 11.130.398, 11.130.582,
 11.130.646, 11.130.790, 11.130.956,
 11.130.965, 16.905.418
 No./ terminals 3, Bracket type Crimp



137866# Solenoid Cap
 Servicing: 11.130.724, 11.130.845,
 16.906.836
 No./ terminals 4
 HC-CARGO 133983, 231012.



139599 Solenoid Cap
 Servicing: 11.130.529, 11.130.556,
 16.905.157, AZE1521, AZE1523
 No./ terminals 3

Moving Contacts

Pkg. 5



133891 Moving Contact
 Servicing: 16.905.423, 16.905.426
 Length 36.10, Shaft measurement 42.55,
 Thickness 2.50, Width 15.10
 Solenoid: HC-CARGO 133983, 134042.

Drives



130414 Drive
 Replacing: 16.900.920
 Servicing: 11.130.300, 11.130.399,
 11.130.726, 11.130.885, 11.130.886,
 azj3107, AZJ3252, AZJ3311, AZJ3312
 ID 12.00, OD 25.80,
 OD/ housing 54.50, Total length 71.50,
 Splines A 10, No./ teeth 9,
 Drive type Steel, Rotation CR
 Alternative no.: 130414z, 130414zz



130414z Drive
 Replacing: 16.900.920
 ID 12.00, OD 25.80,
 OD/ housing 54.00, Total length 71.50,
 Splines A 10, No./ teeth 9,
 Drive type Steel, Rotation CR
 Alternative no.: 130414, 131414zz



130414ZZ Drive
 Replacing: 16.900.920
 ID 12.00, OD 25.20,
 OD/ housing 54.15, Total length 70.95,
 Splines A 10, No./ teeth 9,
 Drive type Steel, Rotation CR
 Alternative no.: 130414, 130414z



130417 Drive
 Replacing: 18.100.098, 18.100.023,
 16.909.070
 Servicing: 10.130.121, 10.130.123,
 10.130.142, 10.130.172, 10.130.181,
 10.130.207, 11.130.005, 11.130.009,
 11.130.104, 11.130.115
 ID 14.70, OD 34.70,
 OD/ housing 35.00, Total length 120.00,
 Splines A 3, No./ teeth 9, Rotation CR



130418 Drive
 Replacing: 16.909.002, 15.100.152
 Servicing: 11.139.002, 11.139.003, 11.139.006,
 11.139.010, 11.139.011, 11.139.012, 11.139.013,
 11.139.014, 11.139.016, 11.139.019
 ID 10.15, OD 41.00, Total length 61.00,
 Shaft length 39.65, No./ teeth 11
 Alternative no.: 333175 , 130418z




130418z Drive
 Replacing: 16.909.002, 15.100.152
 ID 10.00, OD 40.60, Total length 61.30,
 Shaft length 40.00, No./ teeth 11
 Alternative no.: 333175 , 130418


130419 Drive

Replacing: 15.100.092


 ID 10.15, OD 34.30, Total length 61.10,
 Shaft length 40.30, No./ teeth 9,
 Rotation CR

 Alternative no.: 333173 , 130419Z

130419Z Drive

Replacing: 15.100.092

 ID 14.00, OD 34.80, Total length 61.10,
 Shaft length 40.10, No./ teeth 9,
 Rotation CR

 Alternative no.: 333173 , 130419

130722 Drive

Replacing: 18.100.104

 Servicing: 10.130.141, 10.130.146,
 11.130.320

 ID 14.70, OD 39.00, Total length 120.00,
 Splines A 3, No./ teeth 10

130740 Drive

Replacing: 16.900.038

 ID 11.50, OD 25.30,
 OD/ housing 41.30, Total length 65.00,
 Splines A 2, No./ teeth 9, Rotation ACR

131167 Drive

Replacing: 15.100.154

 ID 10.15, OD 42.00, Total length 61.00,
 Shaft length 40.00, No./ teeth 11

131267 Drive

Replacing: 16.903.130

 ID 14.00, OD 34.80,
 OD/ housing 60.14, Total length 91.00,
 Splines A 10, No./ teeth 9, Rotation CR

131714 Drive

Replacing: 18.100.021

Servicing: 11.130.158

 ID 14.60, OD 41.00, Total length 120.00,
 Splines A 3, No./ teeth 11

132075 Drive


Replacing: 18.900.179

 ID 14.00, OD 29.00,
 OD/ housing 46.20, Total length 70.00,
 Splines A 6, No./ teeth 9, Rotation CR

132273 Drive

Replacing: 16.900.935

 ID 14.30, OD 34.20,
 OD/ housing 60.00, Total length 91.00,
 Splines A 10, No./ teeth 9, Rotation CR

 Alternative no.: 333227 

132764 Drive

Replacing: 16.900.089

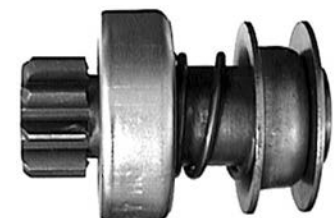
 Servicing: 11.130.029, 11.130.102,
 11.130.162, 11.130.166, 11.130.209,
 11.130.217, 11.130.218, 11.130.219,
 11.130.234, 11.130.293

 ID 11.60, OD 25.15,
 OD/ housing 45.65, Total length 65.00,
 Splines A 12, No./ teeth 9, Rotation CR

132906 Drive

Replacing: 16.900.057, 11.900.057

Servicing: 11.130.007, AZE0305

 ID 11.55, OD 29.25,
 OD/ housing 45.00, Total length 65.00,
 Splines A 12, No./ teeth 9, Rotation ACR

133231[#] Drive

Replacing: 16.900.068

 Servicing: 11.130.034, 11.130.155,
 11.130.292, aze0303, AZE3504, aze3519

 ID 11.70, OD 25.00,
 OD/ housing 44.00, Total length 64.45,
 Splines A 6, No./ teeth 9, Rotation ACR
 Alternative no.: 133231z



133231Z Drive
 Replacing: 16.900.068
 ID 11.50, OD 25.25,
 OD/ housing 45.45, Total length 64.90,
 Splines A 12, No./ teeth 9,
 Drive type Steel, Rotation ACR
 Alternative no.: 133231



133860 Drive
 Replacing: 922h6, 16.901.408, 16.901.392,
 16.900.922, 16.900.541, 16.900.408, 16.900.392
 Servicing: 11.130.193, 11.130.210, 11.130.224,
 11.130.233, 11.130.244, 11.130.291, 11.130.338,
 11.130.346, 11.130.378, 11.130.392
 ID 12.00, OD 25.25,
 OD/ housing 47.00, Total length 56.40,
 Splines A 12, No./ teeth 9, Rotation CR



133958 Drive
 Replacing: 16.900.542
 Servicing: 11.130.208, 11.130.338,
 11.130.582, 11.130.790, 11.130.956,
 AZE1203, azf3512, AZF3528, AZF3558
 ID 12.15, OD 25.60,
 OD/ housing 47.55, Total length 54.35,
 Splines A 12, No./ teeth 9, Rotation CR



136969 Drive
 Replacing: 16.903.087, 16.900.879, 16.900.254
 Servicing: 11.130.117, 11.130.123, 11.130.203,
 11.130.216, 11.130.247, 11.130.319, 11.130.432,
 11.130.500, 11.130.503, 11.130.510
 ID 14.40, OD 34.60,
 OD/ housing 60.00, Total length 76.50,
 Splines A 10, No./ teeth 9, Rotation CR



137281# Drive
 Replacing: 16.900.284, 16.900.117
 Servicing: 11.130.026, 11.130.124,
 11.130.141, 11.130.225, 11.130.322,
 11.130.339, azj3546, azj3589
 ID 14.35, OD 34.50,
 OD/ housing 60.30, Total length 81.40,
 Splines A 10, No./ teeth 9, Rotation CR
 Alternative no.: 137281z



137281Z Drive
 Replacing: 16.900.284, 16.900.117
 ID 14.35, OD 34.50, OD/ housing 60.30,
 Total length 82.60, Splines A 10,
 No./ teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 137281



138866 Drive
 Replacing: 16.901.658
 Servicing: 11.130.010, 11.130.254, 11.130.364,
 11.130.407, 11.130.409, 11.130.412, 11.130.484,
 11.130.491, 11.130.619, 11.130.660
 ID 14.30, OD 34.30,
 OD/ housing 60.00, Total length 83.00,
 Splines A 10, No./ teeth 9, Rotation CR



139519 Drive
 Replacing: 16.901.512
 Servicing: 11.130.328, 11.130.398,
 11.130.529, 11.130.556, 11.130.965,
 aze1502, aze1507, aze1521, aze1523
 ID 12.00, OD 25.25,
 OD/ housing 48.60, Total length 56.40,
 Splines A 12, No./ teeth 9, Rotation CR



139520 Drive
 Replacing: 16.901.694
 Servicing: 11.130.386, 11.130.509, 11.130.520,
 11.130.526, 11.130.527, 11.130.579, 11.130.624,
 11.130.627, 11.130.629, 11.130.631
 ID 14.28, OD 39.35,
 OD/ housing 62.20, Total length 76.75,
 Splines A 10, No./ teeth 10, Rotation CR



139521 Drive
 Replacing: 16.903.166
 Servicing: 11.130.534, 11.130.553, 11.130.569,
 11.130.662, 11.130.665, 11.130.694, 11.130.750,
 11.130.762, 11.130.797, 11.130.819
 ID 14.30, OD 31.80,
 OD/ housing 60.30, Total length 81.45,
 Splines A 10, No./ teeth 10, Rotation CR



230280 Drive
 Replacing: 16.901.752
 Servicing: 11.130.179, 11.130.201, 11.130.414,
 11.130.595, 11.130.626, 11.130.686, 11.130.692,
 11.130.705, 11.130.710, 11.130.734
 ID 14.30, OD 40.50,
 OD/ housing 62.00, Total length 82.50,
 Splines A 10, No./ teeth 11, Rotation CR



231623 Drive
 Replacing: 16.904.847
 Servicing: 11.130.810, 11.130.897, azj3319,
 AZJ3320, AZJ3332
 ID 14.35, OD 39.50,
 OD/ housing 60.00, Total length 82.30,
 Splines A 10, No./ teeth 10, Rotation CR


232482 Drive

Replacing: 16.901.722

Servicing: 11.130.402, AZJ3109

 ID 14.45, OD 34.00,
 OD/ housing 60.00, Total length 80.00,
 Splines A 10, No./ teeth 9, Rotation CR

233764 Drive

Replacing: 16.903.095

 Servicing: 11.130.525, 11.130.535,
 11.130.707, 11.130.732, 11.131.029, azj3150,
 AZJ3159, AZJ3245, azj3255, AZJ3359

 ID 14.25, OD 34.00,
 OD/ housing 62.00, Total length 76.45,
 Splines A 10, No./ teeth 9, Rotation ACR

234267 Drive

Replacing: 16.901.769

 Servicing: 11.130.410, 11.130.937, azj3116,
 AZJ3339

 ID 14.35, OD 34.45,
 OD/ housing 60.25, Total length 76.35,
 Splines A 10, No./ teeth 9, Rotation CR

234268 Drive

Replacing: 16.900.880

 Servicing: 11.130.250, 11.130.309, 11.130.521,
 11.130.554, 11.130.630, 11.130.682, 11.130.838,
 11.130.839, 11.131.013, AZJ13227

 ID 14.30, OD 40.75,
 OD/ housing 60.25, Total length 75.40,
 Splines A 10, No./ teeth 11, Rotation CR

234270 Drive

Replacing: 16.903.392

 Servicing: 11.130.534, 11.130.537,
 11.130.783, 11.130.784, 11.131.143, azj3160,
 AZJ3281, AZJ3282

 ID 14.30, OD 37.85,
 OD/ housing 60.50, Total length 81.40,
 Splines A 10, No./ teeth 10, Rotation CR

234984 Drive

Replacing: 16.902.816, 16.902.004, 16.901.751

 Servicing: 11.130.408, 11.130.596, 11.130.598,
 11.130.605, 11.130.663, 11.130.678, 11.130.679,
 11.130.703, 11.130.731, 11.130.739

 ID 14.00, OD 39.44,
 OD/ housing 62.12, Total length 82.88,
 Splines A 10, No./ teeth 10, Rotation CR

235092 Drive

Replacing: 16.902.152

Servicing: 11.131.186, aze1230

 ID 12.00, OD 28.08,
 OD/ housing 51.07, Total length 56.50,
 Splines A 12, No./ teeth 8, Rotation ACR

235621 Drive

Replacing: 16.900.151

 Servicing: 11.130.076, 11.130.200, 11.130.373,
 11.130.411, 11.130.629, 11.130.872, AZJ0405,
 AZJ3117, AZJ3144, AZJ3203, AZJ3305

 ID 14.30, OD 39.45,
 OD/ housing 59.70, Total length 85.00,
 Splines A 10, No./ teeth 10, Rotation CR

235797 Drive

Replacing: 16.904.400

 Servicing: 11.130.565, 11.130.974, azj3177,
 AZJ3349

 ID 14.28, OD/ housing 62.10,
 Total length 76.30, Splines A 10,
 No./ teeth 11, Drive type Steel,
 Rotation CR

235828 Drive

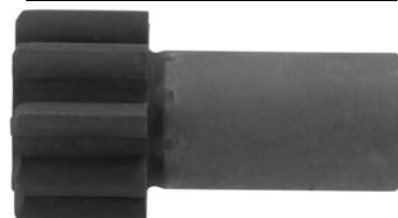
Replacing: 16.902.098

 ID 14.00, OD 62.00, Total length 82.00,
 Splines A 10, No./ teeth 10,
 Drive type Steel, Rotation CR

235850 Drive

Replacing: 16.901.657

 Servicing: 11.130.366, 11.130.403,
 11.130.490, 11.130.492, azj3110, azj3131,
 azj3133, azj3594

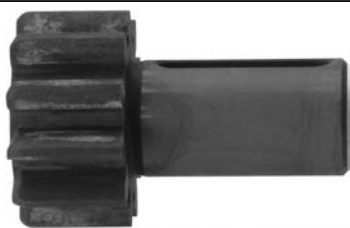
 ID 14.30, OD 34.60,
 OD/ housing 60.30, Total length 81.50,
 Splines A 10, No./ teeth 9,
 Drive type Steel, Rotation CR

333173 Drive

Manufacturer: Bosch

Replacing: 15.100.092

 ID 10.60, OD 35.00, Total length 61.10,
 Shaft length 40.10, No./ teeth 9,
 Rotation CR

Alternative no.: 130419, 130419Z



333175 5+ Drive
 Manufacturer: Bosch
 Replacing: 16.909.002, 15.100.152
 ID 10.15, OD 41.00, Total length 61.00,
 Shaft length 39.65, No./ teeth 11,
 Drive type Steel
 Alternative no.: 130418, 130418Z



333227 5+ Drive
 Manufacturer: Bosch
 Replacing: 16.900.935
 ID 14.30, OD 34.20, OD/ housing 60.00,
 Total length 91.00, Splines A 10,
 No./ teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 132273

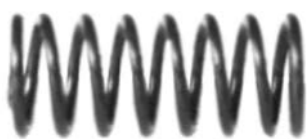


333516 5+ Drive
 Manufacturer: Bosch
 Replacing: 16.900.920
 ID 12.00, OD 25.35, OD/ housing 57.40,
 Total length 72.00, Splines A 10,
 No./ teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 130414, 130414Z,
 130414ZZ

Drive Parts

Springs

Pkg. 500



134219 Spring
 OD 5.00, Length 11.25

Levers



235094 Lever
 Replacing: 235094, 16.908.037
 Servicing: 11.130.763, 11.130.963, 11.130.964,
 11.130.965, 11.130.966, 11.130.967, 11.130.968,
 11.130.969, 11.130.994, 11.131.028
 Dist. 26.90, ID 7.20, Length 82.55

Clutches

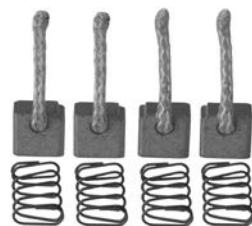


130317 Clutch
 Replacing: 16.909.013
 Servicing: 11.130.041, 11.139.001,
 11.139.002, 11.139.003, 11.139.004,
 11.139.005, 11.139.006, 11.139.007,
 11.139.008, 11.139.009
 ID 9.70, Total length 166.00, Splines 6,
 Rotation CR

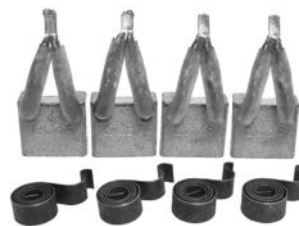
Brush Sets



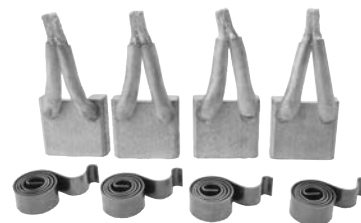
140918 Brush Set
 Replacing: 16.770.295
 24 V, Length 25.50, Lead length 32.00,
 Height 25.85, Thickness 8.90
 1.5/2.5 kW.



140974 Brush/Spring Kit
 Replacing: 16.905.832
 Servicing: 11.130.321, 11.130.328,
 11.130.398, 11.130.404, 11.130.483,
 11.130.487, 11.130.495, 11.130.519,
 11.130.529, 11.130.556
 12 V, Length 11.50, Lead length 30.50,
 Height 12.00, Thickness 6.00
 2 component.



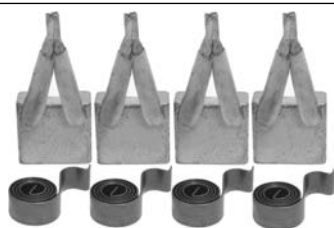
140978 Brush/Spring Kit
 Replacing: 16.906.266, 16.905.688
 Servicing: 11.130.026, 11.130.074,
 11.130.076, 11.130.127, 11.130.140,
 11.130.179, 11.130.194, 11.130.198,
 11.130.199, 11.130.200
 12 V, Length 23.00, Lead length 41.60,
 Height 25.00, Thickness 10.00
 Brush set w/o springs: HC-CARGO IKSX12 4.
 Alternative no.: IKSX124



140979 Brush/Spring Kit
 Replacing: 16.905.695
 Servicing: 11.130.010, 11.130.339,
 11.130.364, 11.130.367, 11.130.407,
 11.130.490, 11.130.491, 11.130.492,
 11.130.595, 11.130.598
 24 V, Length 23.00, Lead length 40.20,
 Height 25.00, Thickness 8.00
 Brush set w/o springs: HC-CARGO IKSX10-114.
 Alternative no.: iksx10-114


140981 Brush/Spring Kit

Replacing: 16.905.973, 16.905.645
 Servicing: 11.130.117, 11.130.123, 11.130.203, 11.130.250, 11.130.253, 11.130.300, 11.130.309, 11.130.319, 11.130.386, 11.130.399
 12 V, Length 23.50, Lead length 42.50, Height 16.00, Thickness 9.00


140982 Brush/Spring Kit

Replacing: 16.905.233
 Servicing: 11.130.010, 11.130.030, 11.130.124, 11.130.141, 11.130.151, 11.130.154, 11.130.230, AZJ3518, AZJ3522
 24 V, Length 23.00, Lead length 41.50, Height 25.00, Thickness 10.00


141030 Brush/Spring Kit

Replacing: 16.906.368
 Servicing: 11.130.417, 11.130.558, 11.130.593, 11.130.623, 11.130.642, 11.130.646, 11.130.647, 11.130.651, 11.130.716, 11.130.717
 12 V, Length 13.00, Lead length 31.00, Height 18.00, Thickness 6.00
 Brush set w/o springs: HC-CARGO IKSX13-144.
 Alternative no.: IKSX13-144


142325 Brush Set

Manufacturer: Bosch
 Replacing: 16.905.247
 12 V, Length 16.94, Lead length 45.00, Height 24.87, Thickness 7.85
 Alternative no.: BSX151S4, 142335


142326 Brush Set

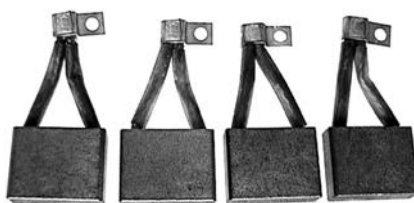
Manufacturer: Bosch
 Replacing: 16.905.375
 24 V, Length 17.00, Lead length 56.00, Lead length 2 44.00, Height 25.00, Thickness 8.00
 Alternative no.: BSX135-1455


BSX1004 Brush Set

Replacing: 16.905.380
 24 V, Length 23.00, Lead length 42.00, Height 25.00, Thickness 8.00
 Alternative no.: BS100


BSX1024 Brush Set

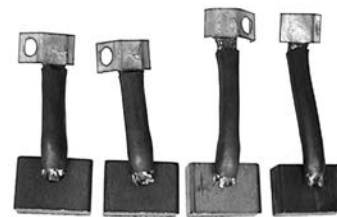
Replacing: 16.905.767, 16.905.294
 Servicing: 11.130.146, 11.130.216, 11.130.295, 11.130.535, 11.130.554, 11.130.585, 11.130.645, 11.130.727, 11.130.962, 11.130.974
 12 V, Length 25.50, Lead length 36.00, Height 15.00, Thickness 9.00
 Alternative no.: BS102


BSX1304 Brush Set

Replacing: 16.909.041
 Servicing: 11.139.007, 11.139.008, 11.139.017, 11.139.092, 11.139.093, 11.139.094, 11.139.095, 11.139.096, 11.139.112
 12 V, Length 27.00, Lead length 49.00, Height 36.00, Thickness 12.00


BSX1314 Brush Set

Replacing: 16.909.012, 16.905.063
 Servicing: 11.139.001, 11.139.002, 11.139.003, 11.139.004, 11.139.005, 11.139.006, 11.139.009, 11.139.010, 11.139.011, 11.139.012
 24 V, Length 27.00, Lead length 46.00, Height 36.00, Thickness 12.00


BSX134-1444 Brush Set

Replacing: 16.905.376
 12 V, Length 17.00, Lead length 57.00, Lead length 2 44.00, Height 25.00, Thickness 10.00
 Alternative no.: bs134/0


BSX135-1454 Brush Set

Replacing: 16.905.375
 24 V, Length 17.00, Lead length 56.00, Lead length 2 44.00, Height 25.00, Thickness 8.00
 Alternative no.: bs135/0


BSX151S4 Brush Set

Replacing: 16.905.247
 Servicing: 11.130.083, 11.130.119, 11.130.222, 11.130.247, 11.130.248, azj3552
 12 V, Length 17.00/19.00, Lead length 26.00, Height 18.00, Thickness 7.50
 Alternative no.: 142325 , BS151



BSX157-1584 Brush Set

Replacing: 16.905.235
 Servicing: 11.130.606
 12 V, Length 14.40, Lead length 25.00,
 Height 17.90, Thickness 5.95



BSX344 Brush Set

Replacing: 16.905.388, 16.905.387
 Servicing: 10.130.121, 10.130.123,
 10.130.125, 10.130.140, 10.130.141,
 10.130.142, 10.130.146, 10.130.207,
 11.130.005, 11.130.009
 24 V, Length 28.50, Lead length 45.00,
 Height 20.00, Thickness 9.00



BSX354 Brush Set

Replacing: 16.905.389
 Servicing: 10.130.160, 10.130.170,
 10.130.172, 10.130.181, 11.130.075,
 11.130.081, 11.130.158, 11.130.231
 12 V, Length 28.50, Lead length 47.00,
 Height 20.00, Thickness 12.00



BSX964 Brush Set

Replacing: 16.905.392, 16.905.226
 12 V, Length 23.00, Lead length 43.00,
 Height 25.00, Thickness 10.00
 Alternative no.: BS96



IKSX10-114 Brush Set

Replacing: iksx10-114
 12 V, Length 23.00, Lead length 37.00,
 Height 25.00, Thickness 8.00
 w/ springs: HC-CARGO 140979.
 Alternative no.: 140979



IKSX124 Brush Set

Replacing: IKSX124
 12 V, Length 23.00, Lead length 35.59,
 Height 25.00, Thickness 10.00
 w/ springs: HC-CARGO 140978.
 Alternative no.: 140978



IKSX2-32 Brush Set

Replacing: 16.905.950, 16.905.439
 Servicing: 11.130.193, 11.130.208,
 11.130.210, 11.130.233, 11.130.244,
 11.130.245, 11.130.246, 11.130.291,
 11.130.334, 11.130.338
 12 V, Length 15.00, Lead length 71.00,
 Lead length 2 42.00, Height 12.00,
 Thickness 6.90/13.90



JSX134 Brush Set

Replacing: 16.905.218
 Servicing: E100
 12 V, Length 20.00, Lead length 33.50,
 Height 16.00, Thickness 7.00
 Alternative no.: JS13



JSX162 Brush Set

Replacing: IKSX12, 16.905.421, 16.905.108
 Servicing: E84, 11.130.007, 11.130.029,
 11.130.034, 11.130.085, 11.130.102, 11.130.155,
 11.130.162, 11.130.166, 11.130.217
 12 V, Length 19.00, Lead length 31.00,
 Height 17.00, Thickness 8.00
 Alternative no.: JS16



JSX52 Brush Set

Replacing: IKSX42, 16.905.225
 Servicing: 11.130.134, 11.130.143,
 11.130.266, 11.130.314
 12 V, Length 17.00, Lead length 24.50,
 Height 16.00, Thickness 6.00
 Alternative no.: JS5

Bushings

Pkg. 10



140006 Bushing


Replacing: 15.120.012
 Servicing: 11.130.010, 11.130.076,
 11.130.123, 11.130.141, 11.130.151,
 11.130.200, 11.130.230, 11.130.339,
 11.130.373, 11.130.407
 ID 14.04, OD 20.02, Length 10.00
 Alternative no.: b140006



140007 Bushing


Replacing: 17.900.295
 ID 34.50, OD 39.17, Length 41.80

Pkg. 10




140010 Bushing
 Replacing: 15.120.094
 ID 12.59, OD 16.55, Length 18.00
 Alternative no.: b140010

Pkg. 10




140019 Bushing
 Replacing: 15.120.095
 Servicing: 11.139.163, AZJ3448
 ID 14.06, OD 18.03, Length 14.00
 Alternative no.: b140019

Pkg. 10




140026 Bushing
 Replacing: 15.120.011
 ID 19.10, OD 23.10, Length 13.00
 Alternative no.: b140026

Pkg. 10




140040 Bushing
 Replacing: 15.120.087, 15.120.022
 Servicing: M78, M79, 11.130.174, 11.130.193, 11.130.208, 11.130.210, 11.130.233, 11.130.244, 11.130.245, 11.130.246, 11.130.291
 ID 12.00, OD 15.00, Length 12.00
 Alternative no.: b140040

Pkg. 10




140050 Bushing
 Replacing: 17.120.057
 ID 10.08, OD 14.02, Length 13.50
 Alternative no.: b140050

Pkg. 10




140140 Bushing
 Replacing: 15.120.014
 ID 16.67, OD 19.60, Length 19.00
 Alternative no.: b140140

Pkg. 10



140310 Bushing
 Replacing: 15.120.161
 Servicing: 11.130.203, 11.130.216, 11.130.248, 11.130.250, 11.130.309, 11.130.386, 11.130.432, 11.130.500, 11.130.501, 11.130.502
 ID 12.52, OD 16.00, Length 15.00
 Alternative no.: b140310

Pkg. 10



140435 Bushing
 Replacing: 17.120.305
 Servicing: 11.130.007, 11.130.029, 11.130.034, 11.130.085, 11.130.102, 11.130.155, 11.130.162, 11.130.166, 11.130.209, 11.130.217
 ID 11.60, OD 14.08, Length 13.00
 Alternative no.: b140435

Pkg. 10



140436 Bushing
 Replacing: 17.120.203
 Servicing: 11.130.007, 11.130.029, 11.130.034, 11.130.085, 11.130.102, 11.130.155, 11.130.162, 11.130.166, 11.130.209, 11.130.217
 ID 12.04, OD 16.00, Length 16.00
 Alternative no.: b140436

Pkg. 10



140977 Bushing
 Replacing: 16.120.010, 15.120.243, 15.120.155, 15.120.153, 15.120.010
 Servicing: 11.130.010, 11.130.026, 11.130.030, 11.130.074, 11.130.076, 11.130.083, 11.130.117, 11.130.119, 11.130.123, 11.130.124
 ID 14.33, OD 18.05, Length 18.00
 Alternative no.: b140977

Pkg. 10



140996 Bushing
 Replacing: 15.120.089
 Servicing: 11.130.117, 11.130.119, 11.130.123, 11.130.222, 11.130.247, 11.130.253, 11.130.295, 11.130.319, 11.130.386, 11.130.500
 ID 12.47, OD 15.85, Length 18.00

Pkg. 10



141031 Bushing
 Replacing: 16.906.372
 Servicing: 11.130.417, 11.130.558, 11.130.623, 11.130.642, 11.130.646, 11.130.647, 11.130.651, 11.130.716, 11.130.717, 11.130.772
 ID 12.12, OD 15.04, Length 13.90




141032 Bushing
 Replacing: 16.906.373
 Servicing: 11.130.417, 11.130.558,
 11.130.593, 11.130.623, 11.130.642,
 11.130.646, 11.130.647, 11.130.651,
 11.130.716, 11.130.717
 ID 10.10, OD 15.01, Length 10.00




142041 Bushing
 Replacing: 16.906.374
 Servicing: 11.130.328, 11.130.398,
 11.130.404, 11.130.483, 11.130.487,
 11.130.495, 11.130.519, 11.130.529,
 11.130.556, 11.130.580
 ID 12.00, OD 15.00, Length 11.90




B140006 Bushing
 Replacing: 15.120.012
 ID 14.04, OD 20.02, Length 10.00
 Alternative no.: 140006




B140010 Bushing
 Replacing: 15.120.094
 ID 12.59, OD 16.55, Length 18.00
 Alternative no.: 140010




B140019 Bushing
 Replacing: 15.120.095
 ID 14.06, OD 18.03, Length 14.00
 Alternative no.: 140019




B140026 Bushing
 Replacing: 15.120.011
 ID 19.10, OD 23.10, Length 13.00
 Alternative no.: 140026




B140040 Bushing
 Replacing: 15.120.087, 15.120.022
 ID 11.95, OD 15.00, Length 12.00
 Alternative no.: 140040




B140050 Bushing
 Replacing: 17.120.057
 ID 10.08, OD 14.02, Length 13.50
 Alternative no.: 140050



B140140 Bushing
 Replacing: 15.120.014
 ID 16.67, OD 19.60, Length 19.00
 Alternative no.: 140140



B140310 Bushing
 Replacing: 15.120.161
 ID 12.52, OD 16.00, Length 15.00
 Alternative no.: 140310



B140435 Bushing
 Replacing: 17.120.305
 ID 11.60, OD 14.08, Length 13.00
 Alternative no.: 140435



B140436 Bushing
 Replacing: 17.120.203
 ID 12.04, OD 16.00, Length 16.00
 Alternative no.: 140436

Pkg. 100


B140977 Bushing

Replacing: 16.120.010, 15.120.243,
15.120.155, 15.120.153, 15.120.010
ID 14.33, OD 18.05, Length 18.00
Alternative no.: 140977

Bearings
Ball Bearings

141093 Ball Bearing Kit

Replacing: 16.908.665, 16.906.345
Servicing: 11.201.440, 11.201.498,
11.201.534, 11.201.597, 11.201.598,
11.201.666, 11.201.667, 11.201.668,
11.201.670, 11.201.675

Sundry Parts
O-rings

Pkg. 10


134716 O-ring

Servicing: 11.130.141, 11.130.151,
11.130.200, 11.130.373, 11.130.411,
11.130.484, 11.130.491, 11.130.509,
11.130.526, 11.130.532
ID 47.30, Thickness 2.60

Pkg. 10


139562 O-ring

Servicing: 11.130.010, 11.130.076,
11.130.141, 11.130.200, 11.130.203,
11.130.230, 11.130.339, 11.130.373,
11.130.407, 11.130.411
ID 30.00, Thickness 2.50

Rods

131443 Rod

Replacing: 16.110.010
OD 9.66, Length 325.00

Various

138134 Brake Kit

Replacing: 16.905.411
Servicing: 11.130.007, 11.130.102,
11.130.155, 11.130.162, 11.130.166,
11.130.209, 11.130.219, 11.130.234,
11.130.292, 11.130.293
12/24 V, Dim. 8.55

Armatures

12 Volt



131840# Armature

Replacing: 2108-3708200

Servicing: 2103-12vip54, 2108-3708010, 293708, kat3k29.3708

1.3 kW, Shaft length 240.00, Core thickness 67.00, No./ splines 12, Rotation ACR



135972 Armature

Servicing: kat3k35.3708

1.3 kW, Shaft length 245.70, Core thickness 66.95, No./ splines 12, Rotation CR
New type.

Field Coils

12 Volt



130368 Field Coil

Replacing: 2101-3708120

Servicing: 2100-3708000, 2101-3708000, 221-3708000, 3101-3708000, CT221128, CT22112B, CT2213708000, KAT3KCT221126

12 V, 1.3 kW, Height 93.80, Internal height 62.45, Inner width 24.20



130369 Field Coil

Replacing: 2101-3708150

Servicing: 2100-3708000, 2101-3708000, 221-3708000, 3101-3708000, CT221128, CT22112B, CT2213708000, KAT3KCT221126

12 V, 1.3 kW, Height 97.20, Internal height 62.25, Inner width 24.30

D.E. Brackets



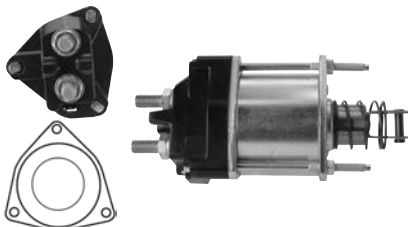
134945# D.E. Bracket

Replacing: 2108-3708400

Servicing: 2103-12vip54, 2108-3708010, 293708, kat3k29.3708

Solenoids

12 Volt

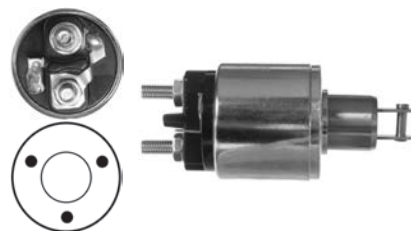


130367 Solenoid

Replacing: 2101-3708805

Servicing: kat3k35.3708

12 V, B+ M8, Kl. 50 6.30, ID/ cover 24.80, OD 57.90, OD/ cover 49.70, Total length 143.70, Height/ B+ 18.50, Width/ kl. 50 9.90, Coil bolt M8, Coil bolt 2 18.50, No./ terminals 3
Cap: HC-CARGO 131324.



131439 Solenoid

Replacing: 2108-3708808

Servicing: 2100-3708000, 2101-3708000, 2103-12vip54, 2108-3708010, 221-3708000, 293708, 3101-3708000, CT221128, CT22112B

12 V, B+ M8, Kl. 15a M8, Kl. 50 6.30, ID/ cover 27.10, OD 56.40, OD/ cover 49.30, Total length 132.80, Height/ B+ 20.80, Width/ kl. 15a 21.00, Width/ kl. 50 12.50, No./ terminals 3
Cap: HC-CARGO 135225.

Solenoid Parts

Solenoid Caps



131324 Solenoid Cap

Servicing: 2100-3708000, 2101-3708000, 2101-3708805, 221-3708000, 3101-3708000, CT221128, CT22112B, CT2213708000, KAT3K35.3708

No./ terminals 3

HC-CARGO 130367.



135225# Solenoid Cap

Servicing: 2103-12VIP54, 2108-3708010, 2108-3708808, 293708, KAT3K29.3708

No./ terminals 3, Bracket type Crimp
HC-CARGO 131439.

Drives

130738 Drive

Replacing: 2101-3708620

Servicing: 2100-3708000, 2101-3708000, 221-3708000, 3101-3708000, CT221128, CT22112B, CT2213708000, kat3k35.3708, KAT3KCT221126

 ID 14.00, OD 29.15,
 OD/ housing 46.20, Total length 68.00,
 Splines A 6, No./ teeth 11, Rotation CR

131212 Drive

Replacing: 2108-3708620

Servicing: 2103-12VIP54, 2108-3708010, 293708, KAT3K29.3708

 ID 14.00, OD 29.20,
 OD/ housing 46.40, Total length 66.50,
 Splines A 6, No./ teeth 11, Rotation ACR

233993 Drive

Replacing: 2110-3708620

Servicing: 2110-3708010, 5702.3708

 ID 12.00, OD 25.30,
 OD/ housing 46.20, Total length 53.30,
 Splines A 9, No./ teeth 9, Rotation ACR
 w/ lever.

Brush Gears
Brush Gear Parts
Brush Springs

Pkg. 10


135119 Brush Spring

 Servicing: M78R, M79, M80R
 OD 9.25, Length 30.00

Bushings

Pkg. 10


140374 Bushing

Replacing: 2108-3708405

Servicing: 2103-12VIP54, 2108-3708010, 293708, KAT3K29.3708, KAT3K35.3708

 ID 12.00, OD/ collar 22.95, OD 16.00,
 Length 19.40, Height/ collar 2.60
 Alternative no.: b140374

Pkg. 10


140626 Bushing

ID 14.40, OD 15.10, Length 25.90

Pkg. 100

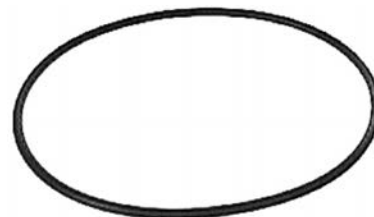

B140374 Bushing

Replacing: 2108-3708405

 ID 11.95, OD/ collar 22.89, OD 15.89,
 Length 19.42, Height/ collar 2.52
 Alternative no.: 140374

Sundry Parts
O-rings

Pkg. 5


136630 O-ring

Servicing: 2103-12VIP54, 2108-3708010, 293708, KAT3K29.3708

ID 92.00, Thickness 3.00

Solenoids

24 Volt



132140 Solenoid

Replacing: 77452

24 V, B+ M14-1.50, Kl. 15a M6, Kl. 50 M6, OD 76.00, OD/ cover 76.35, Total length 216.50, Height/ B+ 33.00, Width/ kl. 15a 18.30, Width/ kl. 50 17.75, Coil bolt M14-1.50, Coil bolt 2 24.60, No./ terminals 4
 Cap: HC-CARGO 132141. Moving contact: HC-CARGO 132142. Insulated return.

Solenoid Parts

Solenoid Caps



132141 Solenoid Cap

Replacing: 98004, 225014

No./ terminals 2
 HC-CARGO 132140, 133986.

Moving Contacts

Pkg. 5



132142 Contact Plate

Replacing: 77461

Thickness 3.00, Width 50.15
 12/24 V.

Various



136412 Rubber Boot

Replacing: 95146, 77491, 71163, 225313
 OD 52.35, Length 43.35

Drives



130535 Drive

Replacing: 04231

ID 12.00, OD 25.10,
 OD/ housing 46.25, Total length 72.00,
 Splines A 12, No./ teeth 9, Rotation CR



130539 Drive

Replacing: 77600

Servicing: 40MT, 42MT, 50MT
 ID 15.90, OD 56.50,
 OD/ housing 58.00, Total length 120.40,
 Shaft length 15.90 (5/8"), Splines A 19,
 No./ teeth 11, Rotation CR
 Bronze.

Alternative no.: 130539z



130539Z Drive

Replacing: 77600

ID 15.90, OD 56.50,
 OD/ housing 58.25, Total length 120.40,
 Splines A 19, No./ teeth 11, Rotation CR
 Alternative no.: 130539



131056 Drive

Replacing: 77601, 04489

Servicing: 40MT, 42MT, 50MT

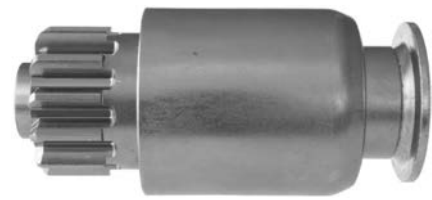
ID 15.90, OD 46.20,
 OD/ housing 57.65, Total length 120.40,
 Shaft length 15.90 (5/8"), Splines A 19,
 No./ teeth 12, Rotation CR



131399# Drive

Replacing: 04234

ID 12.05, OD 25.10,
 OD/ housing 49.50, Total length 62.00,
 Splines A 4, No./ teeth 9, Rotation CR

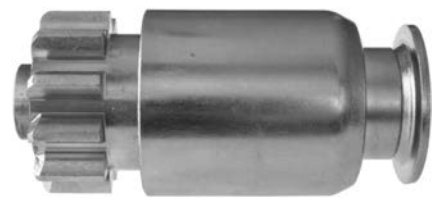


131766 Drive

Replacing: M0290-75249, M0290-71031,
 M0290-4472

Servicing: 40MT

ID 19.00 (3/4"), OD 46.30,
 OD/ housing 58.00,
 Total length 120.40/4.740",
 Shaft length 19.00/0.748", Splines A 19,
 No./ teeth 12, Rotation CR
 Bronze.



131768 Drive

Replacing: m029097222, M0290-73493,
 97222, 74977, 73493, 71157

Servicing: 40MT

ID 19.00 (3/4"), OD 56.50, OD/ housing 58.00,
 Total length 120.40/4.740",
 Shaft length 19.00/0.748", Splines A 19,
 No./ teeth 11, Rotation CR



132731 Drive

Replacing: 64235
 Servicing: 40MT, 42MT, 50MT
 ID 15.75, OD 56.30,
 OD/ housing 58.00, Total length 120.70,
 Shaft length 15.90 (5/8"), Splines A 19,
 No./ teeth 11, Rotation ACR
 Bronze.



232632 Drive

Replacing: m029075429, 75249
 Servicing: 7146MA, 7146MB, 7150MA,
 7168MA, 7176MA, 7178MA, 7202MA, 7204MA,
 7222M, 7226M, 7230MA, 7258M
 ID 19.00, OD 46.30,
 OD/ housing 58.00, Total length 118.45,
 Splines A 19, No./ teeth 12, Rotation CR



233175 Drive

Replacing: 18-56
 Servicing: 4502ME, 4503me, m0014502me,
 M0014503ME
 ID 14.30, OD 32.10,
 OD/ housing 60.00, Total length 106.00,
 Splines A 6, No./ teeth 10, Rotation CR

Bushings

Pkg. 10



141143 Bushing

Replacing: 850141
 Servicing: 38401, 98401, M027098401
 ID 19.10, OD 25.45, Length 19.00

Pkg. 10



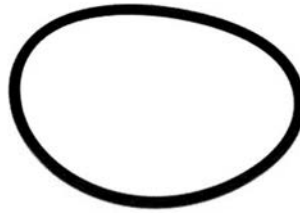
141144 Bushing

Servicing: 73644, 98644, M027098644
 ID 22.25, OD 28.65, Length 29.90

Sundry Parts

O-rings

Pkg. 10



134488 O-ring

Replacing: 57597
 Thickness 2.00

Armatures

12 Volt



130195 Armature

Replacing: tib115, 272334, 271737

Servicing: M45G, 26132, 26132A, 26132F, 26133, 26133A, 26133J, 26143A, 26143H, 26145A, 26145F, 26146A, 26146F, 26147A, 26147H

2.1 kW, Shaft length 338.00,
Core thickness 74.50, No./ splines 6,
Rotation CR



130200 Armature

Replacing: tjb103, SAR0002, 54243590, 26252339

Servicing: M50G, 26025007A, 26211U, 26213, 26227N, 26227R, 26227V, 26246M, 26265, 26265J, 26265M, 26273, 26273e, 26273f, 26273H

2.8 kW, Shaft length 303.40,
Core thickness 84.00, No./ splines 12,
Rotation CR

Shaft: HC-CARGO 136811.



130202 Armature

Replacing: tib108, SAR0017, 54292953, 54247379

Servicing: M45G, 26148, 26186, 26196, 26213A, 26215H, 26233, 26236L, 26238M, 26238Q, 26248M, 26256, 26256H, 26259, 26259L, 26259N

2.1 kW, Shaft length 303.60,
Core thickness 74.50, No./ splines 12,
Rotation CR

Shaft: HC-CARGO 136811.



130203 Armature

Replacing: tgb100, 54247935, 54247556, 54247025, 54246544, 54246418, 54241719

Servicing: M35J, 25137, 25137A, 25137E, 25137F, 25137N, 25145A, 25145H, 25145J, 25146A, 25146J, 25146K, 25156A, 25156H, 25156J

0.8 kW, Shaft length 249.60, Rotation CR,
Core thickness 54.00, No./ splines 12



130205 Armature

Replacing: tib113, SAR0008, 54251818

Servicing: M45G, 26072, 26132H, 26132J, 26132R, 26133K, 26133R, 26143J, 26143Q, 26145, 26145H, 26145N, 26146H, 26146N, 26147J

2.1 kW, Shaft length 340.00, Rotation CR,
Core thickness 74.45, No./ splines 6



130206 Armature

Replacing: tgb107, 54260640, 54252038

Servicing: M35J, 25016, 25024, 25041, 25061, 25062, 25063, 25065, 25075, 25087, 25088, 25089, 25097, 25138, 25147, 25147A, 25147B

0.8 kW, Shaft length 290.50,
Core thickness 53.80, No./ splines 4



130210 Armature

Replacing: tjb106, SAR0010, 54257635

Servicing: M50, 26211, 26211A, 26211L, 26227, 26291

2.8 kW, Shaft length 303.30, Rotation CR,
Core thickness 84.00, No./ splines 3



130212 Armature

Replacing: tjb107, SAR0012, 54258128

Servicing: M50, 26211M, 26211T, 26227A, 26227E, 26227F, 26227Q, 26246A, 26246L, 26273A, 26273D, 26274A, 26274D, 26282A, 26282D

2.8 kW, Shaft length 302.15, Rotation CR,
Core thickness 84.00, No./ splines 3



130360 Armature

Replacing: 074861761010

Servicing: 063220732010, 063220735010, 063220740010, 063220741010, 063220743010, 063220744010, 063220746010, 063220830010

0.8 kW, Shaft length 250.00, Rotation CR,
Core thickness 54.40, No./ splines 12



130878 Armature

Replacing: tjb104, SAR0003, 54243592

Servicing: M50, 26234A, 26234J, 26234K, 26284, 26284A, 26284D, 26284E, 26336, 26336A, 26336F, 26336H, 26336Q, 26336R, 26337A

2.8 kW, Shaft length 331.00, Rotation CR,
Core thickness 84.00, No./ splines 12



131650 Armature

Replacing: tgb110, 54267043

Servicing: 9M90, 25332, 25332A, 25332E, 25333, 25333A, 25336, 25336A, 25337, 25337A, 25337B, 25339, 25339A, 25339J, 25339K, 25344

0.8 kW, Shaft length 225.50,
Core thickness 61.00, No./ splines 12


131651 Armature

Replacing: tgb109, 54267052

Servicing: 8M90, 25277, 25281, 25281B, 25326, 25326A, 25326E, 25331, 25331A, 25331D, 25335, 25335A, 25335B, 25338, 25338A, 25338B

0.8 kW, Shaft length 225.20, Rotation CR, Core thickness 53.80, No./ splines 12


131652 Armature

Replacing: thb101, 54246290, 54246259, 54245090

Servicing: 2M100, 25629A, 25629E, 25634A, 25634E, 25638A, 25638E, 25639A, 25639E, 25642, 25642A, 25642F, 25643, 25643A, 25643J

1.1 kW, Shaft length 272.50, Rotation CR, Core thickness 61.00, No./ splines 12


131654 Armature

Replacing: tib112, SAR0007, 54251052

Servicing: M45G, 26125, 26126, 26156, 26163, 26163A, 26163F, 26165, 26373

2.1 kW, Shaft length 319.35, Rotation CR, Core thickness 74.50, No./ splines 4


131655 Armature

Replacing: tib114, SAR0009, 54255952

Servicing: M45G, 26125F, 26208A, 26208E, 26215A, 26215F, 26236A, 26236K, 26238A, 26238L, 26248A, 26248L, 26256, 26256A, 26256E

2.1 kW, Shaft length 302.00, Core thickness 75.00, No./ splines 3


131656 Armature

Replacing: tib109, SAR0004, 54247383

Servicing: M45G, 26233K, 26233M, 26286, 26286F, 26286J, 26302E, 26302H, 26320D, 26320J, 26333B, 26335A, 26348A, 26348D, 27419

2.1 kW, Shaft length 331.00, Rotation CR, Core thickness 74.45, No./ splines 12


131668 Armature

Replacing: 074880991010

Servicing: 063221330010, 063221332010, 063221538010

0.9 kW, Shaft length 220.00, Rotation CR, Core thickness 60.00, No./ splines 12


131670 Armature

Replacing: 072382301010

Servicing: 063217104010, 063217105010, 063217173010

2.5 kW, Shaft length 296.00, Core thickness 75.00, No./ splines 12, Rotation CR


132401 Armature

Replacing: tjb112, SAR0014, 54268555

Servicing: M127, 26349, 26416, 27508, 27508A, 27508B, 27508D, 27509A, 27509B, 27512, 27512A, 27512D, 27533, 27533A, 27533E, 27543

2.8/2.9 kW, Shaft length 333.00, Core thickness 83.96, No./ splines 12, Rotation CR


132486 Armature

Replacing: SAAR6001, LTH207

2 kW, Shaft length 152.00, Core thickness 53.20, No./ teeth 9, Rotation CR/ACR


132615 Armature

Replacing: 074893711010

Servicing: 063101003010, 063221830010, 063221832010, 063221834010, 063221890010, 063221892010

0.8 kW, Shaft length 185.50, Core thickness 60.00, No./ splines 12, Rotation CR


132817 Armature

Replacing: 074899021010

Servicing: 063114014010, 063222035010

2.2 kW, Shaft length 134.20, Core thickness 58.95, No./ teeth 11, Rotation CR/ACR


133302# Armature

Replacing: tgb123, 54290615, 054290615010

Servicing: M80, 063226908010, 063226912010, 063226921010, 063226923010, 063226935010, 063226936010, 063226937010, 063226939010

1.7 kW, Shaft length 144.00, Core thickness 53.90, No./ teeth 12, Rotation CR



133305 Armature

Replacing: tgb122, 54291945
 Servicing: M79, 26587, 26600, 26600E, 26600F, 26601, 26601E, 26601F, 26602, 26602D, 26602H, 26605, 26605A, 26609F, 26609J, 26613E
 0.8 kW, Shaft length 201.80, Rotation CR, Core thickness 53.50, No./ splines 9



133368 Armature

Replacing: tjb114, tjb113, tjb111, SAR0016, 54292376, 54268382, 26253757, 054292376010
 Servicing: M127, 063227501010, 063227502010, 063227510010, 063227518010, 063227541010, 063227547010, 063227553010, 063227554010
 2.8 kW, Shaft length 302.40, Core thickness 84.00, No./ splines 12, Rotation CR



134365# Armature

Replacing: 54294543, 54294409, 054294409010
 Servicing: 063223434010, 063223494010
 1 kW, Shaft length 142.50, Core thickness 47.40, No./ teeth 11, Rotation CR/ACR



134736 Armature

Replacing: SAAR6000, lth107
 Servicing: 61924101, 61924102
 0.8 kW, Shaft length 183.10, Core thickness 60.00, No./ splines 8, Rotation CR



135620 Armature

Replacing: 083227678010, 083225127010
 Servicing: 063101000010, 063101002010, 063101008010, 063102003010, 063102004010, 063102007010, 063102008010, 063103022010
 1 kW, Shaft length 202.40, Rotation CR, Core thickness 51.45, No./ splines 12



135815 Armature

Replacing: tgb125, 54290870, 054290870010
 Servicing: M78R, 063226800010, 063226801010, 063226803010, 063226804010, 063226812010, 063226814010, 063226820010, 063226823010
 1.4 kW, Shaft length 119.00, Core thickness 53.95, No./ splines 12, Rotation CR/ACR



135869 Armature

Replacing: tib107, SAR0005, 54248609, 26255073
 Servicing: 2M113, 26372A, 26372B, 26385A, 26385B, 26390A, 26390B, 26390E, 26394A, 26394D, 26925188D, 26925189D, 26925194D
 2.1 kW, Shaft length 302.20, Rotation CR, Core thickness 74.50, No./ splines 12



136319 Armature

Replacing: tgb130, 54292575, 54292574, 054292574010
 Servicing: M79, 063226693010, 063226694010, 26660, 26690, 27034
 0.8 kW, Shaft length 225.10, Rotation ACR, Core thickness 53.75, No./ splines 9



136963# Armature

Replacing: tgb128, 54292192, 054292192010
 Servicing: M79, 063226686010, 063227048010, 063227049010, 26648, 26649, 26655, 26656, 26657
 0.8/0.9 kW, Shaft length 214.30, Core thickness 53.65, No./ splines 9, Rotation CR



137363 Armature

Replacing: tjb115, SAR0015, 54269554, 054269554010
 Servicing: M127, 063227564010, 27544A, 27564A, 27564F, 27595, 61924045
 2.8 kW, Shaft length 330.00, Core thickness 84.15, No./ splines 12, Rotation CR



137530# Armature

Replacing: tgb127, 54292178
 Servicing: M79, 26607, 26607e, 26607H, 26692, 26696, 27037, 27044, 27045
 1 kW, Shaft length 214.20, Core thickness 53.75, No./ splines 9, Rotation ACR



138443 Armature

Replacing: 54295331, 054295331010
 Servicing: 063223103010, 063223104010, 063230001010, 063230003010, 063293103010, 063293104010
 0.8 kW, Shaft length 218.45, Core thickness 51.55, No./ splines 12, Rotation ACR


138526 Armature

Replacing: 54294569, 083227126010
 Servicing: 063111005010, 063111007010, 063111008010, 063111009010, 063111016010, 063111017010, 063111023010, 063111027010
 1.4 kW, Shaft length 120.00, Core thickness 47.45, No./ teeth 11


233740 Armature

Replacing: TIB110, SAR0006, 54248981
 Servicing: M45, 26268j, 26268l, 26269h, 26269i, 26346e, 26346k, 26381e, 26381f, 26383a, 26383d, 26396a, 26396b, 27405a, 27405b
 2.1 kW, Shaft length 306.00, Core thickness 74.40, No./ splines 12, Rotation CR


235469 Armature

Replacing: 083225702010
 Servicing: 063223039010
 0.9 kW, Shaft length 195.30, Core thickness 51.60, No./ splines 12

24 Volt


132402 Armature

Replacing: tjb102, 54249001
 Servicing: 3M127, 27301A, 27301H, 27304A, 27304J, 27305A, 27305H, 27307A, 27307E, 27309A, 27309E, 27310A, 27310F, 27311A, 27311E
 Shaft length 356.10, Core thickness 84.20, No./ splines 12, Rotation CR


132951 Armature

Replacing: 072386601010
 Servicing: 063216703010, 063216726010
 4 kW, Shaft length 321.00, Core thickness 74.90, No./ splines 12, Rotation CR

Armature Parts

Various

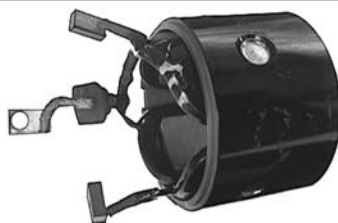

136811# Armature Shaft

Servicing: M45G, 54243590, 54247379
 OD/ shaft 12.80, Total length 302.00, No./ splines 12

Field Cases


135784 Field Case

Replacing: SSP0036, LTH212, 61240701
 12 V, 2 kW, OD/ middle 81.50, Length 75.60, Brush gear w/o, Magnets w/o


136135 Field Case

Replacing: ssp0035, LTH108, 61240731
 12 V, 0.8 kW, OD/ middle 89.50, Length 62.00, Brush gear w/o, Magnets w/o


136143 Field Case

Replacing: 083220991010
 Servicing: 063223032010
 12 V, 0.8/1 kW, OD/ middle 80.45, Length 76.00, Brush gear w/o, Magnets w/o


138536 Field Case

Replacing: 083225146010
 Servicing: 063101000010, 063101002010, 063101008010, 063222889010, 063222908010, 063222909010, 063222936010, 063223104010
 12 V, 0.8 kW, OD/ middle 80.50, Length 70.60, Brush gear w/o, Magnets w/o
 Field coil: HC-CARGO 135621. Brush: HC-CARGO JSX38-412.


139625 Field Case

Replacing: 083226564010
 Servicing: 063114014010
 12 V, 2.6 kW, OD/ middle 94.50, Length 75.25, Brush gear w/o, Magnets w/o
 Field coil only: HC-CARGO 234092. Brush set: HC-CARGO JSX53-54.

Field Coils

12 Volt


130194 Field Coil

Replacing: teb134, SFC0001, 54266045, 272219, 271826
 Servicing: M45G, 26125, 26126, 26132, 26132A, 26132F, 26132H, 26132J, 26132R, 26133K, 26133R, 26143A, 26143H, 26143J, 26143Q
 12 V, 2.1 kW, Height 119.25, Width 246.65, Internal height 75.40, Inner width 27.90



130196 Field Coil

Replacing: teb132, teb118, teb104, SFC0008, SFC0003, SFC0002, 60600054, 54290953, 54266044, 54263486, 54263217

Servicing: M45G, 063227408010, 063227409010, 063227412010, 063227415010, 063227416010, 063227417010, 063227419010, 063227470010

12 V, 2.1 kW, Height 118.00, Width 231.55, Internal height 75.65, Inner width 28.00

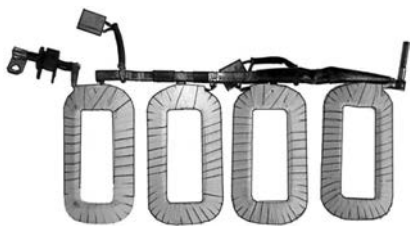


130201 Field Coil

Replacing: teb129, SFC0006, 54245574, 54244973

Servicing: M50, 26273, 26273A, 26273D, 26273e, 26273f, 26273H, 26273M, 26274, 26274A, 26274D, 26274E, 26274F, 26274H, 26274N

12 V, 2.8 kW, Height 126.00, Width 289.45, Internal height 74.80, Inner width 31.00

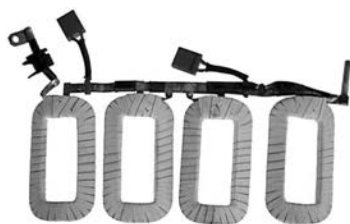


130209 Field Coil

Replacing: teb130, SFC0004, 54257617, 54243248

Servicing: M50, 26211, 26211A, 26211L, 26211M, 26211T, 26211U, 26227, 26234A, 26234J, 26234K, 26291, 26291A, 26291D, 26291E

12 V, 2.8 kW, Height 127.70, Width 299.20, Internal height 76.20, Inner width 30.00

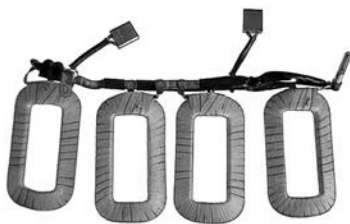


130213 Field Coil

Replacing: teb128, SFC0007, 54258818, 54245576, 54245079, 245079

Servicing: M50, 26227A, 26227N, 26227Q, 26227R, 26227V, 26234A, 26234J, 26234K, 26246A, 26246L, 26246M, 26265, 26265J, 26265M

12 V, 2.8 kW, Height 125.50, Width 285.00, Internal height 74.75, Inner width 31.00



130882 Field Coil

Replacing: teb105, SFC0005, 60600018, 54244748

Servicing: M50, 26316, 26329, 26331E, 26338, 26338a, 26338B, 26338d, 26338E, 26338f, 26339, 26339A, 26339B, 26339D, 26339H, 26339K

12 V, 2.8 kW, Height 126.00, Width 285.60, Internal height 74.70, Inner width 30.55



131474 Field Coil

Replacing: 072166001010

Servicing: 063217148010, 063217154010, 063217188010, 063217410010

12 V, 2.5 kW, Height 105.55, Internal height 70.25, Inner width 27.30



131680 Field Coil

Replacing: 072142401010

Servicing: 063217118010

12 V, 2.5 kW, Height 119.90, Internal height 73.00, Inner width 27.45



132400 Field Coil

Replacing: teb144, SFC0010, 54294392, 54268462, 054294392010

Servicing: M127, 063227501010, 063227502010, 063227510010, 063227512010, 063227518010, 063227533010, 063227541010, 063227547010

12 V, 2.8 kW, Height 127.90, Width 279.45, Internal height 74.40, Inner width 30.70
Brush set: HC-CARGO LASX364.

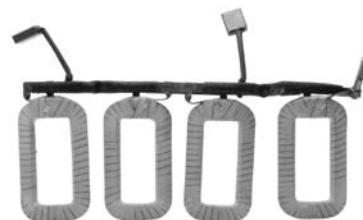


134044 Field Coil

Replacing: 074880921010

Servicing: 063221330010, 063221332010, 063221333010, 063221335010, 063221431010, 063221534010, 063221535010, 063221633010

12 V, 0.9 kW, Height 78.40, Internal height 41.35, Inner width 19.95



135200 Field Coil

Replacing: teb142, SFC0009, 54294400, 54268395, 054294400010

Servicing: M127, 063227569010, 26213, 26330, 26925155B, 27500, 27500A, 27500J, 27561B, 27569A

12 V, 2.8 kW, Height 127.20, Width 287.00, Internal height 74.75, Inner width 30.75



135232 Field Coil

Replacing: teb102, 60600246

Servicing: 3M100, 25677, 25677A, 25677D, 25678, 25678A, 25678D, 25679, 25679A, 25679D, 25680, 25680A, 25680D, 25681, 25681A

12 V, 1.4 kW, Height 107.75, Width 238.25, Internal height 76.35, Inner width 21.75

24 Volt


130215[#] Field Coil

Replacing: 072144701010

Servicing: 063216703010, 063216726010

 24 V, 4 kW, Height 132.50,
Internal height 88.00, Inner width 27.50

131473 Field Coil

Replacing: 072165901010

Servicing: 063216731010, 063216741010

 24 V, 4 kW, Height 122.55,
Internal height 88.40, Inner width 28.65

132403[#] Field Coil

Replacing: teb125

 Servicing: 3M127, 26346K, 27301A, 27301H,
27304A, 27304J, 27305A, 27305H, 27307A,
27307E, 27309A, 27309E, 27310A, 27310F, 27311A

 24 V, Height 149.40, Width 275.60,
Internal height 95.45, Inner width 29.60

C.E. Brackets

136118 C.E. Bracket

Replacing: 54250082

 Servicing: M45G, 26125, 26126, 26132, 26132J,
26132R, 26133, 26133A, 26133J, 26133K, 26133R,
26145, 26146, 26146A, 26146F, 26146H

 Brush set: HC-CARGO LASX15-164. Brush
spring: HC-CARGO 132209.

136163 C.E. Bracket

Replacing: 072163904010, 072163903010

 Servicing: 063216741010, 063216896010,
063217148010, 063217158010,
063217410010

ID 105.00


136223 C.E. Bracket

Replacing: 072163901010

 Servicing: 063216731010, 063216831010,
063216861010, 063217126010,
063217226010

136975 C.E. Bracket

Replacing: 072163902010


137049 C.E. Bracket

Replacing: 54257605

 Servicing: M50, 26211A, 26211L, 26211M,
26211T

 w/o brushes and springs. Brush set: HC-
CARGO LASX364. Brush spring: HC-CARGO
132209.

137050 C.E. Bracket

Replacing: 54255957

 Servicing: M45G, 26148, 26186, 26196,
26208A, 26208E, 26215A, 26215F, 26215H,
26233, 26233A, 26233J, 26233K, 26233M,
26256A

 w/o brushes and springs. Brush set: HC-
CARGO LASX15-164. Brush spring: HC-CARGO
132209.

137219 C.E. Bracket

Replacing: SBR6901

Servicing: 61924100

ID 76.50


137719 C.E. Bracket

 Replacing: 54246655, 54244980, 54242829,
054242829010

 Servicing: M50, M127, 063227502010,
063227512010, 063227559010,
063227578010, 063227583010,
063227594010, 063227599010, 26213

138346 C.E. Bracket

 Replacing: 54290516, 54265874, 54265871,
54263852, 52265874, 054263852010

 Servicing: 2M113, 063227409010,
063227412010, 063227415010,
063227416010, 063227417010,
063227475010, 063227478010,
063227486010

ID 108.00



138556 C.E. Bracket

Replacing: 083225135010
 Servicing: 063101000010, 063101002010,
 063101008010, 063102003010,
 063102004010, 063102007010,
 063102008010, 063103002010
 ID 75.00



231000 C.E. Bracket

Replacing: SBR6900
 Servicing: 61924101, 61924102
 ID 84.50



231941 C.E. Bracket

Replacing: 083226889010
 Servicing: 063114014010
 ID 91.00

D.E. Brackets



135485 D.E. Bracket

Replacing: LTH104
 Servicing: 61924101



135764 D.E. Bracket

Replacing: SBR0002, SBR0001, 54264664,
 54264662, 54249109, 085541475010
 Servicing: M50, 063227569010, 26213,
 26316, 26329, 26330, 26338, 26338D,
 26338F, 26339, 26339A, 26339B, 26339D,
 26339H, 26379



136863 D.E. Bracket

Replacing: 54293053, 54293052, 54266603,
 54242076
 Servicing: M45, 26264, 26412, 27409,
 27432, 27459, 27469, 27469A, 27470, 27474,
 27480, 27488



136864 D.E. Bracket

Replacing: 54266596, 54265072
 Servicing: M45G, 2M113, 26198, 26281,
 26295A, 26295B, 26295D, 26295E, 26295F,
 26295M, 26298A, 26298B, 26298D, 26298E,
 26298F



136871 D.E. Bracket

Replacing: 54266597, 054266597010
 Servicing: M45G, 2M113, 063227416010,
 063227478010, 063227486010,
 063227491010, 26148, 26196, 26283, 26375,
 26422, 27417, 27435



136875# D.E. Bracket

Replacing: 54264889
 Servicing: M50, M127, 26349, 26349D,
 26349H, 26416, 26416A, 26416D, 27543



136876 D.E. Bracket

Replacing: 54269202, 054269202010
 Servicing: M50, M127, 063227512010,
 26342, 27587



136877 D.E. Bracket

Replacing: 54265251, 54242188
 Servicing: M50, M127, 26265J, 26265M,
 26311, 26341, 26360, 26431, 27511, 27554



136878 D.E. Bracket

Replacing: 54265121, 054265121010
 Servicing: M50, M127, 063227578010,
 063227583010, 063227594010,
 063227599010, 26274, 26274A, 26274D,
 26323, 26345, 26345A, 26345B



136879 D.E. Bracket

Replacing: 54265377
 Servicing: M50, M127, 27508, 27575, 27586,
 27604


138351 D.E. Bracket

Replacing: 61240176, 54293977, 54265243, 085541472010

Servicing: M50, M127, 063227565010, 063227590010, 063227598010, 27541, 27568, 27599, 27602, 27608, 27627, 27627B


138434 D.E. Bracket

Replacing: 54293976, 54244390

Servicing: M127-2.8 kW, 26294, 26357, 26369, 27502, 27506, 27518, 27518A, 27570, 27585, 27588, 27592, 27596


138442 D.E. Bracket

Replacing: 083225153010

Servicing: 063223085010, 063223101010, 063223303010


139032 D.E. Bracket

Replacing: 54292157, 085541468010

Servicing: M127, 063227564010, 26284, 26284e, 27595


139034# D.E. Bracket

Replacing: 54259136

Servicing: M45G, 26145, 26154, 26167, 26200, 26200A, 26220, 26391, 27421


139629 D.E. Bracket

Replacing: 083226888010

Servicing: 063114014010


231318# D.E. Bracket

Replacing: 54293820, 054293820010

Servicing: M78R, 063226717010, 063226722010, 063226812010, 063226843010, 26702, 26835, 26847


231477# D.E. Bracket

Replacing: 54291714, 054291714010

Servicing: M78R, 063226801010


233876 D.E. Bracket

Replacing: 54266594

Servicing: 2M113, 27410, 27413, 27423, 27463


233877# D.E. Bracket

Replacing: 54266599

Servicing: 2M113, 27419, 27476

I.M. Brackets

138348 I.M. Bracket

Replacing: 54263768

Servicing: 27400, 27400A, 27400B, 27401, 27401A, 27401B, 27402, 27402A, 27402B, 27409, 27409A, 27409B, 27410, 27410A, 27411


138349 I.M. Bracket

Replacing: 60600029, 54258129

Servicing: 26236A, 26236K, 26236L, 26238A, 26238L, 26238M, 26238Q, 26248A, 26248L, 26248M, 26256, 26259, 26259A, 26259K, 26259L


138350 I.M. Bracket

Replacing: SRB807, 60600019, 54261382, 54249083, 54249079

Servicing: 26213, 26273H, 26273M, 26274H, 26274N, 26294, 26294F, 26294N, 26295, 26295F, 26295M, 26297F, 26297J, 26298F, 26298J

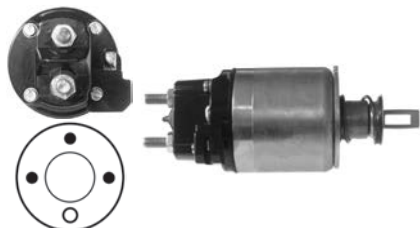

231196 I.M. Bracket

Replacing: SBR6800, LTH205

Servicing: 61924100

Solenoids

12 Volt



130373 Solenoid

Replacing: 063602290010

Servicing: 063224600010, 063224602010, 063224691010

12 V, B+ M8, Kl. 50 6.30, OD 68.45, OD/ cover 67.00, Total length 179.55, Height/ B+ 20.90, Coil bolt M8, Coil bolt 2 20.90, No./ terminals 3
Cap: HC-CARGO 131327.

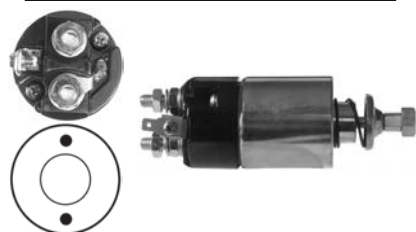


130484 Solenoid

Replacing: tob191, tob190, tob157, tob135, tob130, tob112, 77084, 77083, 77082, 77080, 77078, 77074, 77072

Servicing: M35J, 25137A, 25137E, 25137F, 25137N, 25145A, 25145H, 25145J, 25146A, 25146J, 25146K, 25153A, 25153H, 25156, 25156A

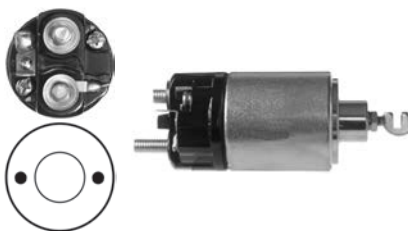
12 V, B+ M6, Kl. 15a M5, Kl. 50 6.30, ID/ cover 20.75, OD 47.00, OD/ cover 51.50, Total length 150.50, Height/ B+ 14.40, Width/ kl. 15a 8.20, Width/ kl. 50 15.15, Coil bolt M6, Coil bolt 2 14.40
Cap: HC-CARGO 130953.



130811 Solenoid

Replacing: toj101

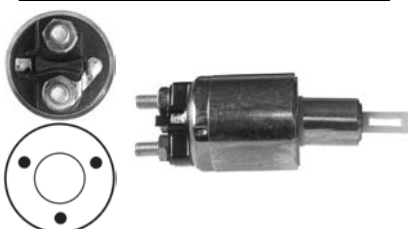
12 V, B+ M8, Kl. 50 6.30, OD 50.90, OD/ cover 49.65, Total length 143.50, Height/ B+ 16.45, Width/ kl. 50 11.40, Coil bolt M8, Coil bolt 2 16.50, No./ terminals 3
Cap: HC-CARGO 134619.



130814 Solenoid

Replacing: toj400

12 V, B+ M8, Kl. 50 6.30, OD 49.85, OD/ cover 49.80, Total length 137.60, Height/ B+ 18.35, Width/ kl. 50 10.65, Coil bolt M8, Coil bolt 2 8.60, No./ terminals 3
Cap: HC-CARGO 134627.



130830 Solenoid

Replacing: 063633601010

Servicing: 063216808010, 063216826010, 063216873010, 063217104010, 063217105010

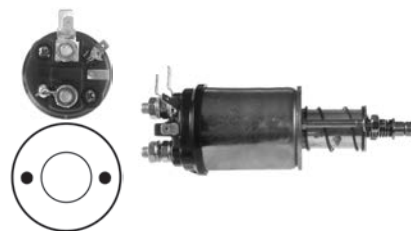
12 V, B+ M10, Kl. 50 6.30, ID/ cover 30.60, OD 61.10, OD/ cover 53.55, Total length 142.55, Height/ B+ 21.00, Width/ kl. 50 9.45, Coil bolt M10, Coil bolt 2 21.00, No./ terminals 3
Cap: HC-CARGO 131329. Moving contact: HC-CARGO 132248.



130853 Solenoid

Replacing: srb335, 77126, 77055, 76986, 76914, 76858, 76799, 76798, 76795, 76789, 76777, 76771, 76770, 76711

12 V, B+ M8, Kl. 50 6.30, OD 54.50, Total length 78.65, Height/ B+ 19.65, Width/ kl. 50 22.55, Coil bolt M8, Coil bolt 2 19.65, No./ terminals 4

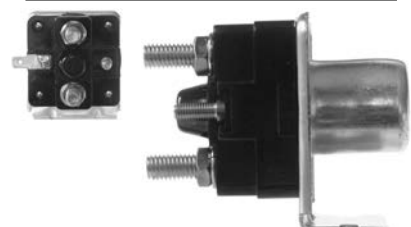


130855 Solenoid

Replacing: tob174, tob162, tob109, SSL0001, 77892, 77058, 77034, 76996, 76902, 76897, 76892, 76891, 76885

Servicing: M45G, 063227413010, 063227415010, 063227416010, 063227419010, 063227421010, 063227425010, 063227460010, 063227468010

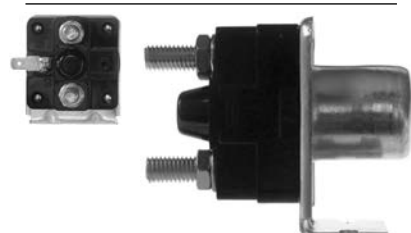
12 V, B+ M8, Kl. 15a 6.30, Kl. 30h 9.40, Kl. 50 6.30, OD 53.80, OD/ cover 59.25, Total length 172.75, Height/ B+ 21.00, Width/ kl. 15a 13.45, Width/ kl. 30h 15.25, Width/ kl. 50 10.70, Coil bolt M8, Coil bolt 2 21.00, No./ terminals 3
Cap: HC-CARGO 131274.



130856 Solenoid

Replacing: srb333, 76958

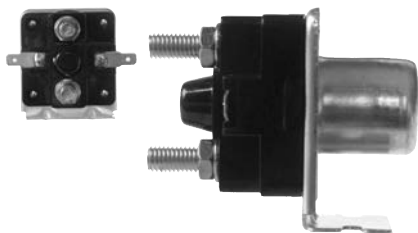
12 V, B+ M8, Kl. 50 6.30, OD 54.45, Total length 78.35, Height/ B+ 19.65, Width/ kl. 50 14.45, Coil bolt M8, Coil bolt 2 19.65, No./ terminals 4



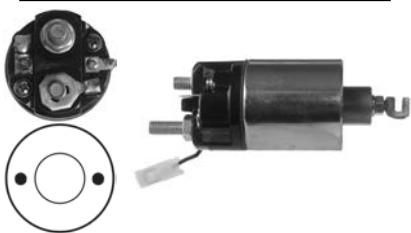
130872 Solenoid

Replacing: srb325, 76776, 76773, 76772, 76767, 76766, 76722, 76715, 76703, 76486, 76485, 76471, 76470, 76469

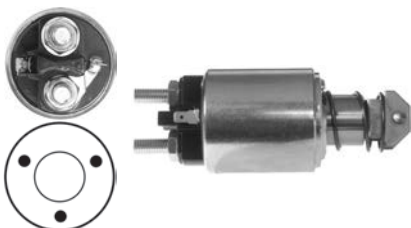
12 V, B+ M8, Kl. 50 6.30, OD 54.40, Total length 78.00, Height/ B+ 19.55, Width/ kl. 50 20.65, Coil bolt M8, Coil bolt 2 19.55, No./ terminals 3


130951 Solenoid

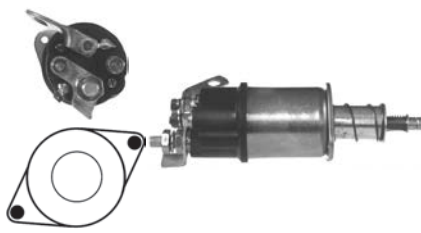
12 V, B+ M8, Kl. 50 6.30, OD 54.45, Total length 78.45, Height/ B+ 19.50, Width/ kl. 50 23.00, Coil bolt M8, Coil bolt 2 19.50, No./ terminals 4
Insulated return.
 Alternative no.: 233955


131084 Solenoid

Replacing: toj401
 12 V, B+ M8, Kl. 50 6.30, OD 50.20, OD/ cover 49.25, Total length 141.80, Height/ B+ 23.75, Width/ kl. 50 12.55, Coil bolt M8, Coil bolt 2 10.50, No./ terminals 4
Cap: HC-CARGO 131374.


131112 Solenoid

Replacing: 085540221010, 085540011010, 063633806010
 Servicing: 063216815010, 063216827010, 063216831010, 063216833010, 063216851010, 063216861010, 063216874010, 063216896010
 12 V, B+ M10, Kl. 50 6.30, OD 61.00, Total length 159.00, Height/ B+ 20.70, Width/ kl. 50 6.20, Coil bolt M10, No./ terminals 3
Cap: HC-CARGO 131329. Moving contact: HC-CARGO 132248.


131121 Solenoid

Replacing: tpb137, tpb123, tob165, tob137, tob125, tob123, tob122, 77163, 77119, 77115, 77054, 76997F, 76997
 Servicing: M50, 26312D, 26312H, 26312J, 26312N, 26312Q, 26318A, 26318F, 26336, 26336A, 26336F, 26336H, 26336Q, 26336R, 26355
 12 V, B+ M10, Kl. 50 6.30, ID/ cover 26.20, OD 53.70, OD/ cover 60.40, Total length 207.20, Height/ B+ 30.95, Width/ kl. 50 12.35, Coil bolt M6, Coil bolt 2 16.80, No./ terminals 4
Cap: HC-CARGO 131276.


131144 Solenoid

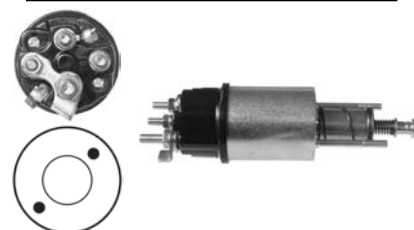
Replacing: toj104
 12 V, B+ M8, Kl. 50 6.30, ID/ cover 21.85, OD 52.20, OD/ cover 48.45, Total length 112.35, Height/ B+ 17.45, Width/ kl. 50 15.55, Coil bolt M8, Coil bolt 2 18.55, No./ terminals 3
Cap: HC-CARGO 133269. Moving contact: HC-CARGO 133270.


131208 Solenoid

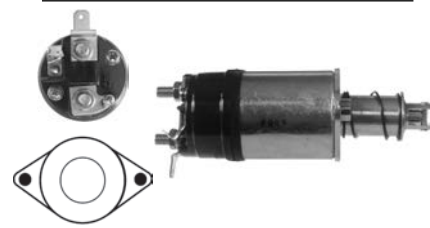
Replacing: 77265
 12 V, B+ M8, Kl. 50 6.30, OD 45.80, OD/ cover 47.75, Total length 127.65, Height/ B+ 16.70, Width/ kl. 50 9.25, Coil bolt M8, Coil bolt 2 9.80, No./ terminals 3
Cap: HC-CARGO 133768.


131247 Solenoid

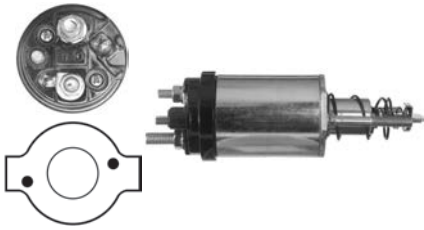
Replacing: tob183, 77040, 76926, 60933083, 263005
 Servicing: M50, 26349, 26349A, 26349B, 26349D, 26349H, 26416, 26416A, 26416D, 26416E, 26434A, 26434B, 27543
 12 V, B+ M8, Kl. 30h M6, Kl. 50 6.30, ID/ cover 25.60, OD 54.70, OD/ cover 60.30, Total length 201.80, Height/ B+ 26.75, Width/ kl. 30h 21.25, Width/ kl. 50 15.25, Coil bolt M6, Coil bolt 2 10.80
Cap: HC-CARGO 131275.


131248 Solenoid

Replacing: tob184, tob179, tob133, tob129, tob111, tob110, tob108, SSL0013, 77052, 77032, 77025, 77010, 76956
 Servicing: M50, 26211, 26211A, 26211L, 26211M, 26211T, 26211U, 26227, 26227A, 26227Q, 26227R, 26227V, 26234A, 26234J, 26234K
 12 V, B+ M8, Kl. 50 6.30, ID/ cover 26.00, OD 55.20, OD/ cover 59.75, Total length 204.65, Height/ B+ 22.55, Width/ kl. 50 14.35, Coil bolt M6, Coil bolt 2 18.10, No./ terminals 4
Cap: HC-CARGO 131275.


131252 Solenoid

Replacing: tob154, tob153, tob152, tob151, tob100, 76808, 76794, 76759, 76758, 76748, 76727, 76712, 76540
 Servicing: M45G, 25593A, 25593B, 25594A, 26133, 26133A, 26133J, 26133K, 26133R, 26145, 26145A, 26145F, 26145H, 26145N, 26146A
 12 V, B+ M8, Kl. 30h 9.40, Kl. 50 6.30, ID/ cover 25.30, OD 55.10, OD/ cover 57.65, Total length 172.50, Height/ B+ 15.75, Width/ kl. 30h 15.10, Width/ kl. 50 12.55, Coil bolt M8, Coil bolt 2 14.30, No./ terminals 3
Cap: HC-CARGO 131264.



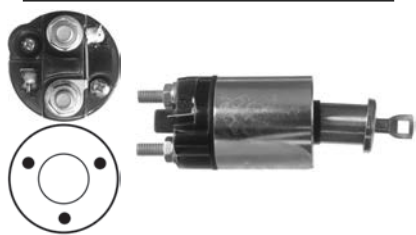
131255 Solenoid

Replacing: tpb101, tob181, tob160, 77033, 76886, 76882
 Servicing: M35J, 25204, 25204A, 25204L, 25205A, 25205L, 25206, 25206A, 25206T, 25208A, 25208E, 25240A, 25249A, 25249F, 25250
 12 V, B+ M8, Kl. 30h M5, Kl. 50 6.30, ID/ cover 21.20, OD 46.95, OD/ cover 51.35, Total length 159.70, Height/ B+ 21.20, Width/ kl. 30h 8.00, Width/ kl. 50 14.00, Coil bolt M6, Coil bolt 2 14.35, No./ terminals 4
 Cap: HC-CARGO 130867, old type. Cap: HC-CARGO 131078, new type.



131437 Solenoid

Replacing: 085540281010
 Servicing: 063220537010, 063220732010, 063220735010, 063220740010, 063220741010, 063220743010, 063220744010, 063220940010
 12 V, B+ M8, Kl. 50 6.30, ID/ cover 22.00, OD 50.40, OD/ cover 50.40, Total length 127.50, Height/ B+ 21.45, Width/ kl. 50 13.95, Coil bolt M8, Coil bolt 2 23.00, No./ terminals 3
 Cap: HC-CARGO 132229. Moving contact: HC-CARGO 132246.



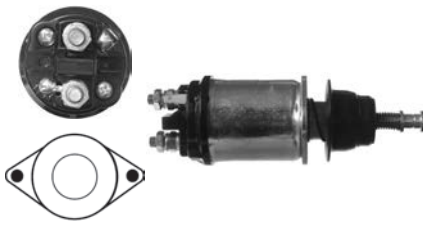
131589 Solenoid

Replacing: 085540071010
 Servicing: 063221830010
 12 V, B+ M8, Kl. 50 6.30, ID/ cover 22.15, OD 50.15, OD/ cover 50.15, Total length 124.55, Height/ B+ 20.60, Width/ kl. 50 14.15, Coil bolt M8, Coil bolt 2 20.60, No./ terminals 3
 Cap: HC-CARGO 132250. Moving contact: HC-CARGO 132251.



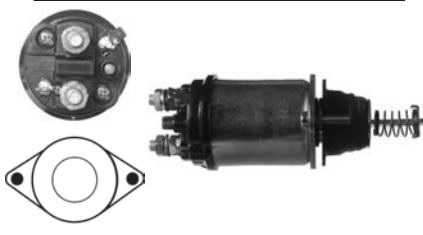
131785 Solenoid

Replacing: TPB133, tpb121, tpb120, tpb117, tob182, SSL0004, 77173, 77149, 77147, 77140, 77036, 76994
 Servicing: 2M113, M45G, 24534, 26390, 26390A, 26390B, 26390E, 26394, 26394A, 26394D, 27430, 27430A, 27430B, 27440, 27440A, 27440B
 12 V, B+ M10, Kl. 50 6.30, ID/ cover 25.75, OD 54.75, OD/ cover 60.00, Total length 186.20, Height/ B+ 23.80, Width/ kl. 50 16.15, Coil bolt M8, Coil bolt 2 20.15, No./ terminals 3
 Cap: HC-CARGO 132270.



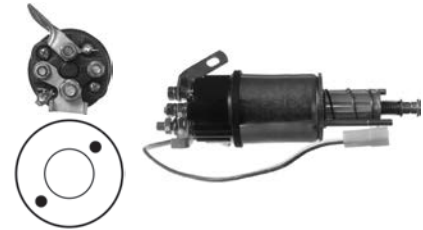
131786 Solenoid

Replacing: tpb131, tpb103, tob145, tob131, tob128, tob119, SSL0003, 77169, 77128, 77092, 77021, 77011, 76983
 Servicing: 2M113, M45G, 26327, 26327A, 26327H, 26335, 26335A, 26348, 26348A, 26348D, 26362, 26362A, 26362E, 26364, 26364A, 26364F
 12 V, B+ M8, Kl. 50 6.30, ID/ cover 26.40, OD 53.65, OD/ cover 60.25, Total length 179.85, Height/ B+ 19.25, Width/ kl. 50 15.35, Coil bolt M8, Coil bolt 2 19.25, No./ terminals 3
 Cap: HC-CARGO 131015.



131787 Solenoid

Replacing: tpb109, tob198, tob169, tob167, tob164, tob159, tob147, tob142, tob138, tob124, tob117, tob116
 Servicing: M100, 25372, 25372A, 25374, 25374A, 25380, 25380A, 25382, 25382A, 25410, 25410A, 25629, 25629A, 25629E, 25634, 25634A
 12 V, B+ M8, Kl. 50 6.30, ID/ cover 26.35, OD 53.75, OD/ cover 60.10, Total length 171.25, Height/ B+ 20.85, Width/ kl. 50 13.00, Coil bolt M8, Coil bolt 2 20.85, No./ terminals 4
 Cap: HC-CARGO 130868.



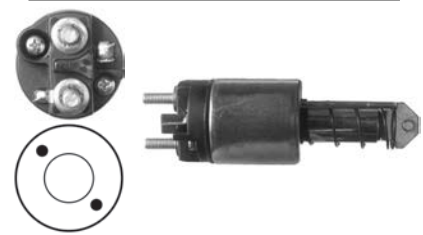
131788 Solenoid

Replacing: tob199, tob114, 77109, 76905, 76904
 Servicing: M50, 26316A, 26316D, 26316E, 26316L, 26316M, 26328, 26329A, 26329B, 26329D, 26329K, 26329L, 26341A, 26341B, 26341D
 12 V, B+ M8, Kl. 15a M6, ID/ cover 26.10, OD 53.65, OD/ cover 60.00, Total length 204.45, Height/ B+ 26.45, Width/ kl. 15a 14.00, Coil bolt M6, Coil bolt 2 13.65, No./ terminals 4
 Cap: HC-CARGO 133367.



131800 Solenoid

Replacing: toj103
 12 V, B+ M8, Kl. 50 6.30, ID/ cover 22.00, OD 52.30, OD/ cover 44.40, Total length 112.20, Height/ B+ 16.45, Width/ kl. 50 17.00, Coil bolt M8, Coil bolt 2 15.00, No./ terminals 3
 Cap: HC-CARGO 133269. Moving contact: HC-CARGO 133270.



132227 Solenoid

Replacing: 085540591010
 Servicing: 063220931010, 063221338010, 063221431010, 063221434010, 063221637010
 12 V, B+ M8, Kl. 50 6.30, ID/ cover 23.20, OD 52.20, OD/ cover 50.00, Total length 148.30, Height/ B+ 19.30, Width/ kl. 50 14.70, Coil bolt M8, Coil bolt 2 19.85, No./ terminals 3
 Cap: HC-CARGO 132229. Moving contact: HC-CARGO 132246.

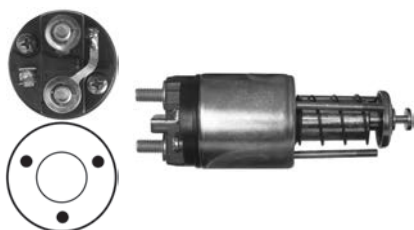

132228 Solenoid

Replacing: 085540561010, 085540001010

 Servicing: 063221435010, 063221436010,
063221530010, 063221533010,
063221536010, 063221635010,
063223235010, 063223236010

 12 V, B+ M8, Kl. 50 6.30,
ID/ cover 22.00, OD 20.25,
OD/ cover 50.35, Total length 127.55,
Height/ B+ 20.85, Width/ kl. 50 14.45,
Coil bolt M8, Coil bolt 2 21.70,
No./ terminals 3

Cap: HC-CARGO 132229. Moving contact: HC-CARGO 132246.


132249 Solenoid

Replacing: 085540371010

Servicing: 063221834010, 063221890010

 12 V, B+ M8, Kl. 50 6.30,
ID/ cover 23.00, OD 52.30,
OD/ cover 49.55, Total length 133.50,
Height/ B+ 14.00, Width/ kl. 50 15.35,
Coil bolt M8, Coil bolt 2 14.75,
No./ terminals 3

Cap: HC-CARGO 231816. Moving contact: HC-CARGO 132251.

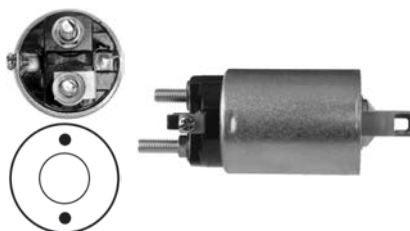

132269 Solenoid

 Replacing: tpb107, tob134, tob121, tob113,
SSL0008, SSL0002, 77899, 77157, 77154,
77134, 77035, 76961, 76908

 Servicing: M127, M45G, M418,
2M113, 063227470010, 063227475010,
063227477010, 063227480010,
063227482010, 063227485010

 12 V, B+ M8, Kl. 50 6.30,
ID/ cover 26.20, OD 53.70,
OD/ cover 60.25, Total length 178.00,
Height/ B+ 19.55, Width/ kl. 50 14.80,
Coil bolt M8, Coil bolt 2 19.55,
No./ terminals 3

Cap: HC-CARGO 131015.

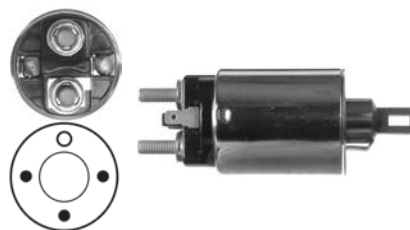

133050 Solenoid

Replacing: SSL6001, LTH206

Servicing: 61924100

 12 V, B+ M8, Kl. 50 9.40, OD 55.15,
OD/ cover 48.60, Total length 144.00,
Height/ B+ 27.65, Width/ kl. 50 12.45,
Coil bolt M8, Coil bolt 2 19.40,
No./ terminals 3

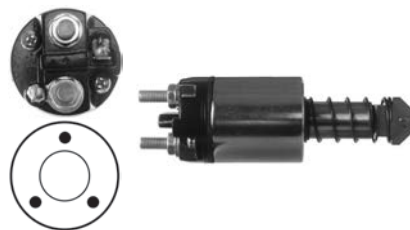
Cap: HC-CARGO 133286.


133052 Solenoid

Replacing: toj214

 12 V, B+ M8, Kl. 50 6.30, OD 51.45,
OD/ cover 45.40, Total length 132.45,
Height/ B+ 18.55, Width/ kl. 50 15.55,
Coil bolt M8, Coil bolt 2 19.00,
No./ terminals 3

Cap: HC-CARGO 133287.

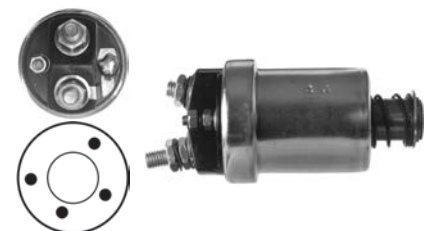

133083 Solenoid

Replacing: 085540581010

 Servicing: 063221831010, 063222030010,
063222031010, 063222034010,
063222036010, 063222038010,
063222039010, 063222130010

 12 V, B+ M8, Kl. 50 6.30,
ID/ cover 22.25,
OD 50.25, OD/ cover 50.30,
Total length 127.00, Height/ B+ 21.25,
Width/ kl. 50 14.00, Coil bolt M8,
Coil bolt 2 22.70, No./ terminals 3

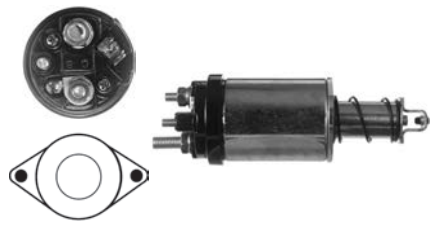
Cap: HC-CARGO 133229.


133178 Solenoid

Replacing: 35640175

 12 V, B+ M8, Kl. 50 M5, OD 46.30,
OD/ cover 51.15, Total length 122.00,
Height/ B+ 19.60, Width/ kl. 50 13.90,
Coil bolt M8, Coil bolt 2 9.00,
No./ terminals 3

Cap: HC-CARGO 131323.

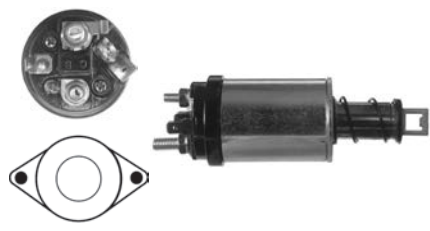

133187 Solenoid

 Replacing: tpb147, tpb144, tob194, tob193,
77186, 77180, 77094, 77093, 77091, 77031,
66964039

 Servicing: 8M90, 9M90, 25277, 25281,
25281B, 25326, 25326A, 25326E, 25331,
25331A, 25331D, 25332, 25332A, 25332E,
25333, 25333A

 12 V, B+ M8, Kl. 15a M5, Kl. 50 6.30,
ID/ cover 21.35, OD 46.90,
OD/ cover 51.35, Total length 156.00,
Height/ B+ 21.00, Width/ kl. 15a 8.25,
Width/ kl. 50 14.70, Coil bolt M6,
Coil bolt 2 14.80, No./ terminals 4

Cap: HC-CARGO 131078.

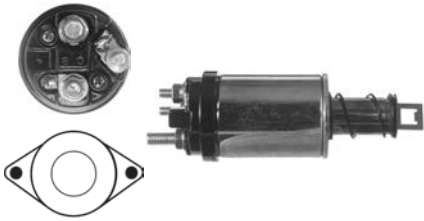

133300 Solenoid

 Replacing: tpb139, 77219, 77199,
77175, 000077219010, 000077175010,
000077219010

 Servicing: M79, 063226604010, 063226606010,
063226607010, 063226609010, 063226614010,
063226619010, 063226622010, 063226647010

 12 V, B+ M8, Kl. 15a 6.30,
Kl. 50 9.40, ID/ cover 21.30, OD 46.85,
OD/ cover 51.40, Total length 156.40,
Height/ B+ 18.45, Width/ kl. 15a 15.50,
Width/ kl. 50 13.20, Coil bolt M6,
Coil bolt 2 14.35, No./ terminals 4

Cap: HC-CARGO 139085.



133301 Solenoid

Replacing: tpb143, tpb142, 77252, 77229, 77221, 77190, 77185, 000077252010, 000077229010, 000077221010

Servicing: M79, 063226601010, 063226626010, 063226627010, 063226648010, 063226667010, 063226678010, 063226679010, 063226680010

12 V, B+ M8, Kl. 50 M6, ID/ cover 21.25, OD 46.85, OD/ cover 51.35, Total length 157.45, Height/ B+ 21.00, Width/ kl. 50 12.55, Coil bolt M6, Coil bolt 2 14.50, No./ terminals 3
Cap: HC-CARGO 133200.



133531 Solenoid

Replacing: tpb119, tpb118, tpb116, tpb111, tpb104, SSL0005, 77143, 77141, 77139, 77133, 77132, 77131, 77121

Servicing: M127, 063227502010, 063227510010, 063227518010, 063227528010, 063227539010, 063227541010, 063227564010, 063227565010

12 V, B+ M8, Kl. 50 6.30, ID/ cover 25.90, OD 53.85, OD/ cover 60.00, Total length 181.00, Height/ B+ 13.00, Width/ kl. 50 14.00, Coil bolt M8, Coil bolt 2 13.00, No./ terminals 3
Cap: HC-CARGO 131015.

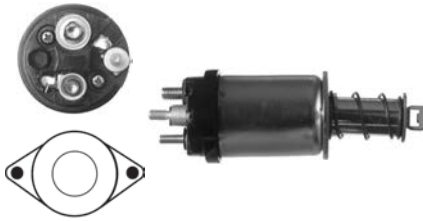


133566 Solenoid

Replacing: 085540471010

Servicing: 063222831010, 063222832010, 063222833010, 063222836010, 063222837010, 063223031010, 063223032010

12 V, B+ M8, Kl. 50 6.30, ID/ cover 23.20, OD 52.40, OD/ cover 50.10, Total length 141.00, Height/ B+ 19.00, Width/ kl. 50 21.55, Coil bolt M8, Coil bolt 2 19.00, No./ terminals 3
Cap: HC-CARGO 133229.

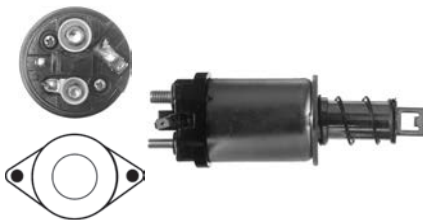


133590 Solenoid

Replacing: tpb152, 77231, 77230, 77209, 77193, 000077231010, 000077230010, 000077209010

Servicing: M78, M79, 063226820010, 063226823010, 063226824010, 063226826010, 063226836010, 063226837010, 063226838010

12 V, B+ M8, Kl. 50 M6, ID/ cover 21.25, OD 44.85, OD/ cover 51.80, Total length 146.00, Height/ B+ 11.80, Width/ kl. 50 12.50, Coil bolt M8, Coil bolt 2 13.20, No./ terminals 3
Cap: HC-CARGO 133200.

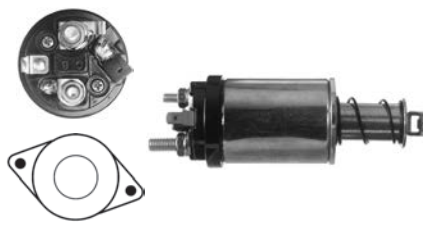


134455 Solenoid

Replacing: tpb136, 77198, 77165, 000077165010

Servicing: M79, 063226655010, 063227012010, 26623, 26624, 26624A, 26624D, 26646, 26646B, 26646D, 26648, 26648A, 26648B, 26649

12 V, B+ M8, Kl. 50 6.30, ID/ cover 21.20, OD 44.75, OD/ cover 51.70, Total length 148.70, Height/ B+ 12.35, Width/ kl. 50 14.20, Coil bolt M6, Coil bolt 2 14.15, No./ terminals 3
Cap: HC-CARGO 139112.

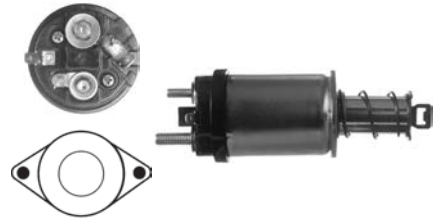


134456 Solenoid

Replacing: tpb145, tpb138, 77196, 77170, 000077196010

Servicing: M78, M80, 063226701010, 063226707010, 063226717010, 063226719010, 063226722010, 063226804010, 063226812010

12 V, B+ M8, Kl. 15a 6.30, Kl. 50 9.40, ID/ cover 21.25, OD 46.85, OD/ cover 51.60, Total length 152.60, Height/ B+ 21.40, Width/ kl. 15a 15.25, Width/ kl. 50 13.45, Coil bolt M6, Coil bolt 2 14.75, No./ terminals 4
Cap: HC-CARGO 131079.



134457 Solenoid

Replacing: tpb146, tpb140, 77208, 77204, 77194, 77177, 77174, 000077204010, 000077177010, 000077174010

Servicing: M78, M80, 063226800010, 063226801010, 063226803010, 063226927010, 26715, 26715B, 26800D, 26800H, 26801B, 26801F, 26802

12 V, B+ M8, Kl. 15a 4.70, Kl. 50 6.30, ID/ cover 21.35, OD 44.85, OD/ cover 51.65, Total length 151.00, Height/ B+ 20.70, Width/ kl. 15a 8.10, Width/ kl. 50 14.45, Coil bolt M6, Coil bolt 2 14.25, No./ terminals 4
Cap: HC-CARGO 134430.

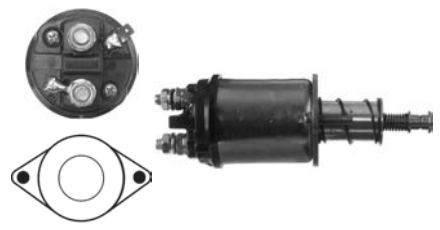


134483 Solenoid

Replacing: tpb122, tpb113, tpb112, 77152, 77135, 77129, 000077152010

Servicing: M127, 063227601010, 27533, 27551A, 27551B, 27552A, 27552B

12 V, B+ M8, Kl. 15a 6.30, Kl. 50 6.30, ID/ cover 26.15, OD 53.55, OD/ cover 60.20, Total length 174.85, Height/ B+ 19.85, Width/ kl. 15a 12.15, Width/ kl. 50 12.00, Coil bolt M8, Coil bolt 2 20.45, No./ terminals 4
Cap: HC-CARGO 135354.



134695 Solenoid

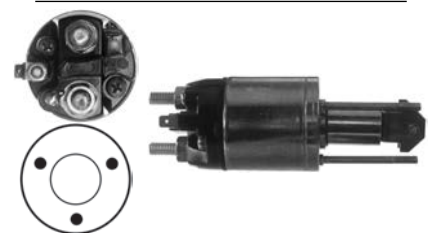
Replacing: tpb106, tob196, tob172, tob115, 77161, 77156, 77110, 76982, 76962, 76917

Servicing: M45G, M418G, 2M113, 25616, 25616A, 25616J, 25660, 25660A, 25660B, 26269, 26269H, 26269L, 26346, 26346A, 26346D, 26346E

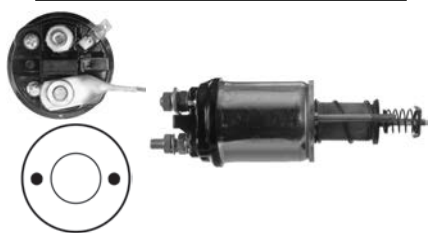
12 V, B+ M8, Kl. 50 6.30, ID/ cover 26.00, OD 53.45, OD/ cover 60.00, Total length 179.65, Height/ B+ 20.15, Width/ kl. 50 12.90, Coil bolt M8, Coil bolt 2 18.60, No./ terminals 3
Cap: HC-CARGO 131015.


134696 Solenoid

Replacing: tob175, 77089, 77004
 Servicing: M50, 26398, 26398A, 26398F, 26398H, 26428A, 26428B
 12 V, B+ M8, Kl. 15a M6, Kl. 50 6.30, ID/ cover 26.25, OD 53.75, OD/ cover 60.00, Total length 210.90, Height/ B+ 36.45, Width/ kl. 15a 16.15, Width/ kl. 50 12.90, Coil bolt M6, Coil bolt 2 17.20, No./ terminals 4
 Cap: HC-CARGO 138207.


134862 Solenoid

Replacing: 085540461010
 Servicing: 063221535010
 12 V, B+ M8, Kl. 15a 6.30, Kl. 50 6.30, ID/ cover 23.00, OD 51.70, OD/ cover 50.35, Total length 147.30, Height/ B+ 22.00, Width/ kl. 15a 12.40, Width/ kl. 50 10.15, Coil bolt M8, Coil bolt 2 21.15, No./ terminals 4
 Cap: HC-CARGO 136055.


134886 Solenoid

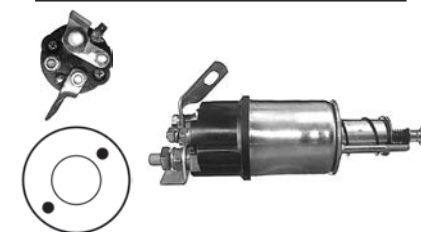
Replacing: tpb115, tpb114, SSL0009, 77138, 77136, 000077136010
 Servicing: M127/2.8 kW, 063227553010, 063227554010, 27506A, 27506D, 27507A, 27507B, 27511, 27511A, 27553A, 27553D, 27554A, 27554B
 12 V, B+ M8, Kl. 50 6.30, ID/ cover 26.25, OD 53.55, OD/ cover 60.00, Total length 182.50, Height/ B+ 26.30, Width/ kl. 50 23.00, Coil bolt M8, Coil bolt 2 19.65, No./ terminals 3
 Cap: HC-CARGO 131015.


134888 Solenoid

Replacing: tpb124, SSL0006, 77122, 60933109, 085541323010, 000077122010
 Servicing: M127/2.8 kW, 063227501010, 063227508010, 063227567010, 063227586010, 27531A, 27531B, 27531D, 27567A, 27575, 27604
 12 V, B+ M10, Kl. 50 6.30, ID/ cover 26.00, OD 53.60, OD/ cover 59.70, Total length 181.45, Height/ B+ 24.55, Width/ kl. 50 23.55, Coil bolt M8, Coil bolt 2 19.65, No./ terminals 3
 Cap: HC-CARGO 132270.


134890 Solenoid

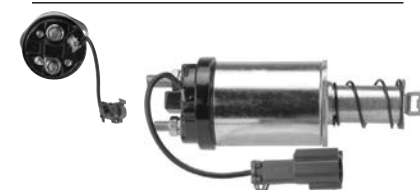
Replacing: tpb110, SSL0007, 77269, 77130, 000077269010
 Servicing: M127/2.8 kW, 063227587010, 27512, 27512A, 27512D, 61924045, 61924049
 12 V, B+ M10, Kl. 50 6.30, ID/ cover 26.00, OD 53.60, OD/ cover 59.70, Total length 180.50, Height/ B+ 24.00, Width/ kl. 50 14.30, Coil bolt M8, Coil bolt 2 20.50, No./ terminals 3
 Cap: HC-CARGO 132270.


134891 Solenoid

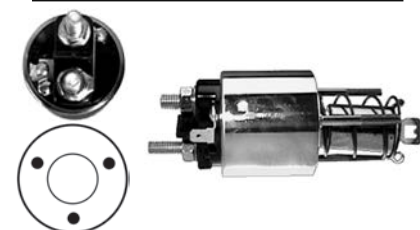
Replacing: tob180, 77027
 Servicing: M50, 26342, 26342D, 26342K, 26342L
 12 V, B+ M10, Kl. 15a M6, Kl. 50 6.30, ID/ cover 26.35, OD 53.60, OD/ cover 60.30, Total length 210.70, Height/ B+ 30.65, Width/ kl. 15a 16.75, Width/ kl. 50 12.15, Coil bolt M6, Coil bolt 2 16.75, No./ terminals 4
 Cap: HC-CARGO 131276.


136164 Solenoid

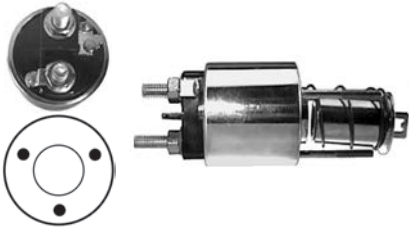
Replacing: 085540711010
 Servicing: 063222035010
 12 V, B+ M8, Kl. 30h M5, Kl. 50 M6, ID/ cover 23.20, OD 51.50, OD/ cover 54.25, Total length 131.90, Height/ B+ 14.55, Width/ kl. 30h 8.20, Width/ kl. 50 10.15, Coil bolt M8, Coil bolt 2 13.70, No./ terminals 4
 Cap: HC-CARGO 231582. w/ 30H terminal.


136889 Solenoid

Replacing: 77223, 77222, 000077222010
 Servicing: M78R, 063226834010, 063226845010, 26813, 26814, 26841, 26848
 12 V, OD 46.00, Total length 126.00, No./ terminals 3
 Cap: HC-CARGO 136892.


137190 Solenoid

Replacing: 085540981010
 Servicing: 063222889010, 063222936010
 12 V, B+ M8, Kl. 50 6.30, ID/ cover 25.25, OD 53.90, OD/ cover 46.80, Total length 126.55, Height/ B+ 23.70, Width/ kl. 50 13.80, Coil bolt M8, Coil bolt 2 11.40, No./ terminals 3
 Cap: HC-CARGO 137347.

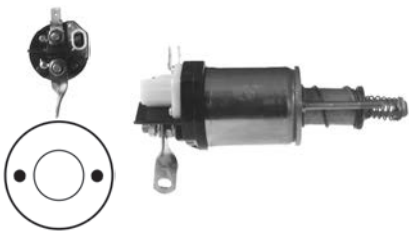


137191 Solenoid

Replacing: 085541820010

Servicing: 063222900010, 063223085010, 063223303010

12 V, B+ M8, Kl. 50 6.30, ID/ cover 25.20, OD 53.80, OD/ cover 49.00, Total length 126.70, Height/ B+ 26.40, Width/ kl. 50 13.90, Coil bolt M8, Coil bolt 2 15.00, No./ terminals 3
Cap: HC-CARGO 139602.

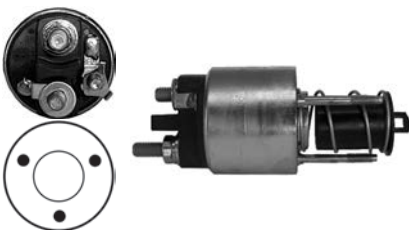


137759 Solenoid

Replacing: tpb157, SSL0012, SSL0010, 77287, 77271, 77259, 77207

Servicing: M127, 27510, 27569A, 27570A, 27570B, 27571A, 27571B, 27572A, 27572B, 27573, 27574, 27576, 27583, 27583A, 27602, 27603

12 V, B+ M8, Kl. 50 6.30, ID/ cover 26.00, OD 53.75, OD/ cover 59.85, Total length 184.70, Height/ B+ 18.90, Coil bolt M8, Coil bolt 2 24.10, No./ terminals 3
Cap: HC-CARGO 139159.

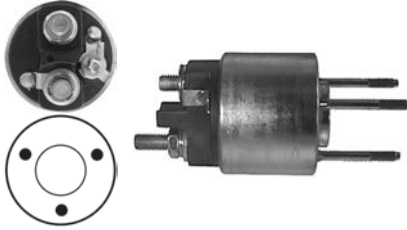


138444 Solenoid

Replacing: 085541670010, 085541420010, 063602106010

Servicing: 063111007010, 063113002010, 063113003010, 063113004010, 063223730010, 063293538010

12 V, B+ M8, Kl. 50 M6, ID/ cover 25.00, OD 53.90, OD/ cover 46.90, Total length 118.85, Height/ B+ 16.40, Width/ kl. 50 11.95, Coil bolt M8, Coil bolt 2 10.40, No./ terminals 3
Cap: HC-CARGO 139602. Moving contact: HC-CARGO 233969.

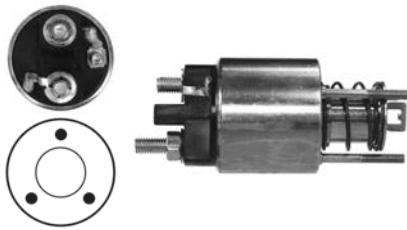


138477 Solenoid

Replacing: 063602502010

Servicing: 063114008010, 063114010010

12 V, B+ M8, Kl. 50 M6, OD 54.50, OD/ cover 47.50, Height/ B+ M8, Width/ kl. 50 10.00, No./ terminals 3
Cap: HC-CARGO 139602. Moving contact: HC-CARGO 137348.

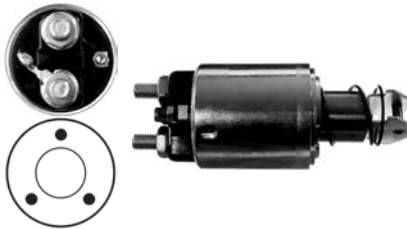


138531 Solenoid

Replacing: 085541070010

Servicing: 063223039010, 063293039010

12 V, B+ M8, Kl. 50 M6, ID/ cover 25.35, OD 54.00, OD/ cover 47.40, Total length 124.55, Height/ B+ 20.90, Width/ kl. 50 11.75, Coil bolt M8, Coil bolt 2 10.40, No./ terminals 3
Terminal: HC-CARGO 231863.



138753 Solenoid

Replacing: 085540031010

Servicing: 063216876010, 063216884010, 063217173010, 063217401010, 063217402010, 063217407010

12 V, B+ M10, Kl. 50 6.30, OD 60.90, Total length 160.00, Height/ B+ 15.30, Width/ kl. 50 6.30, No./ terminals 3
Cap: HC-CARGO 139141.



139104 Solenoid

Replacing: 085540922010

Servicing: 063222135010, 063222136010, 063222138010, 063222204010, 063222206010

12 V, B+ M8, Kl. 50 M6, ID/ cover 23.30, OD 51.60, OD/ cover 50.65, Total length 144.00, Height/ B+ 25.25, Width/ kl. 50 9.00, Coil bolt M8, Coil bolt 2 20.35, No./ terminals 3
Cap: HC-CARGO 232417.



230264 Solenoid

Replacing: 26964041

Servicing: 26925155B

12 V, B+ M8, Kl. 50 6.30, ID/ cover 28.20, OD 58.00, OD/ cover 59.10, Total length 173.00, Height/ B+ 18.00, Coil bolt M8, Coil bolt 2 23.70, No./ terminals 3

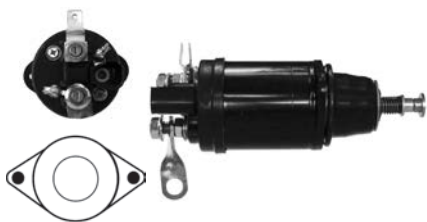


230266 Solenoid

Replacing: 26964059b, 26964059, 26964058A, 26964058

Servicing: 26925193a, 26925194d

12 V, B+ M8, Kl. 50 6.30, ID/ cover 28.80, OD 57.10, OD/ cover 59.00, Total length 172.00, Height/ B+ 20.15, Coil bolt M8, Coil bolt 2 23.00, No./ terminals 3


230268 Solenoid

Replacing: 26964060a

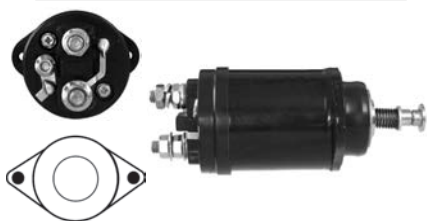
Servicing: 26025007A, 26925196a, 26925196B

12 V, B+ M8, Kl. 15a 6.30, Kl. 50 9.40, ID/ cover 28.60, OD 57.10, OD/ cover 58.65, Total length 170.75, Height/ B+ 20.75, Width/ kl. 15a 11.70, Width/ kl. 50 32.85, Coil bolt M8, Coil bolt 2 20.15, No./ terminals 3


230325 Solenoid

Replacing: 085540041010

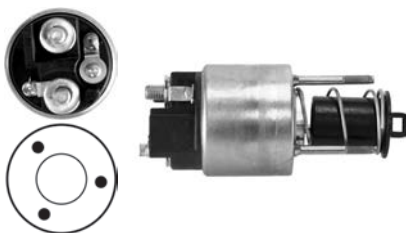
Servicing: 063220932010, 063221433010, 063221531010, 063221532010, 063221534010, 063221538010, 063221539010, 063221632010

 12 V, B+ M8, Kl. 50 6.30, ID/ cover 22.25, OD 50.00, OD/ cover 50.00, Total length 126.70, Height/ B+ 21.30, Width/ kl. 50 14.45, Coil bolt M8, Coil bolt 2 20.55, No./ terminals 3
 Cap: HC-CARGO 133229.

230342 Solenoid

Replacing: 26964038d

Servicing: 26925198d

12 V, B+ M8, Kl. 50 M5, ID/ cover 26.00, OD 57.25, OD/ cover 58.55, Total length 177.25, Height/ B+ 19.90, Width/ kl. 50 10.65, Coil bolt M8, Coil bolt 2 18.40, No./ terminals 3


230805 Solenoid

Replacing: 085541210010, 083227502010

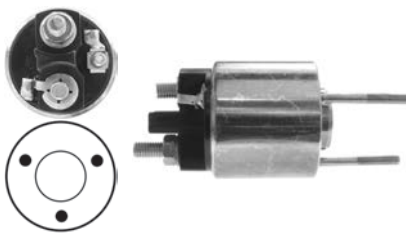
Servicing: 063102000010, 063191001010, 063192000010

 12 V, B+ M8, Kl. 50 M6, ID/ cover 25.70, OD 54.00, OD/ cover 47.40, Total length 112.75, Height/ B+ 12.50, Width/ kl. 50 13.60, Coil bolt M8, Coil bolt 2 9.55, No./ terminals 3
 Cap: HC-CARGO 139602.

230807 Solenoid

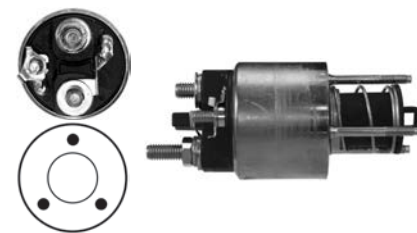
Replacing: 085541860010

Servicing: 063102008010, 063103002010, 063103003010, 063103007010, 063103008010, 063103022010, 063103023010, 063103025010

 12 V, B+ M8, Kl. 50 M6, ID/ cover 25.55, OD 54.00, OD/ cover 47.50, Total length 123.00, Height/ B+ 23.35, Width/ kl. 50 10.00, Coil bolt M8, Coil bolt 2 9.50, No./ terminals 3
 Cap: HC-CARGO 139602.

230808 Solenoid

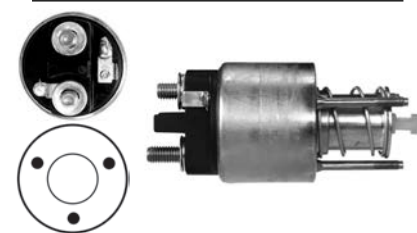
Replacing: 085541740010

Servicing: 063103026010, 063111016010, 063111017010, 063111036010

 12 V, B+ M8, Kl. 50 M6, ID/ cover 25.70, OD 54.00, OD/ cover 47.55, Total length 122.85, Height/ B+ 23.30, Width/ kl. 50 10.00, Coil bolt M8, Coil bolt 2 9.75, No./ terminals 3
 Cap: HC-CARGO 139602.

230809 Solenoid

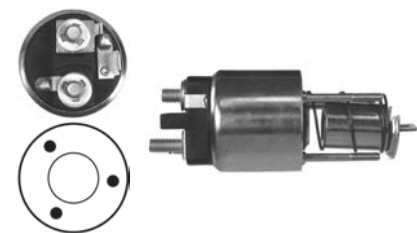
Replacing: 085541560010

Servicing: 063111005010

 12 V, B+ M8, Kl. 50 M6, ID/ cover 25.75, OD 54.00, OD/ cover 47.40, Total length 123.00, Height/ B+ 23.45, Width/ kl. 50 9.95, Coil bolt M8, Coil bolt 2 9.55, No./ terminals 3
 Cap: HC-CARGO 139601.

231479 Solenoid

Replacing: 085541350010

Servicing: 063191007010

 12 V, B+ M8, Kl. 50 6.30, ID/ cover 25.65, OD 54.00, OD/ cover 47.20, Total length 115.00, Height/ B+ 14.85, Width/ kl. 50 15.00, Coil bolt M8, Coil bolt 2 9.65, No./ terminals 3
 Cap: HC-CARGO 233074.

231806 Solenoid

Replacing: 085541111010, 085541110010

Servicing: 063223103010, 063223104010, 063230001010, 063230003010, 063293103010, 063293104010

 12 V, B+ M8, Kl. 50 9.40, ID/ cover 25.30, OD 54.00, OD/ cover 47.00, Total length 121.00, Height/ B+ 16.65, Width/ kl. 50 17.25, Coil bolt M8, Coil bolt 2 10.65, No./ terminals 3
 Cap: HC-CARGO 137346.



233954 Solenoid

Replacing: srb716, 76702

12 V, B+ M8, Kl. 50 6.30, OD 43.35, OD/ cover 44.45, Total length 94.95, Height/ B+ 19.35, Width/ kl. 50 13.70, Coil bolt M8, Coil bolt 2 18.35, No./ terminals 3



233955 Solenoid

Replacing: srb319, 76731

12 V, B+ M8, Kl. 15a M5, Kl. 50 M5, OD 43.40, OD/ cover 44.35, Total length 94.50, Height/ B+ 19.25, Width/ kl. 15a 11.65, Width/ kl. 50 11.70, Coil bolt M8, Coil bolt 2 18.30, No./ terminals 4
Alternative no.: 130951



234733 Solenoid

Replacing: 085541360010

Servicing: 063101015010, 063101018010, 063101023010, 063102018010, 063102021010, 063103028010, 063103031010, 063111033010
12 V, B+ M8, Kl. 50 M6, ID/ cover 25.00, OD 54.00, OD/ cover 49.45, Total length 125.30, Height/ B+ 22.90, Width/ kl. 50 9.30, Coil bolt M8, Coil bolt 2 10.10, No./ terminals 3
Cap: HC-CARGO 139601.



235210 Solenoid

Replacing: LTH103

Servicing: 61924101, 61924102
12 V, B+ M8, Kl. 50 6.30, OD 52.37, OD/ cover 47.20, Total length 101.37, Height/ B+ 14.73, Coil bolt M8, Coil bolt 2 14.19, No./ terminals 3
Cap: HC-CARGO 235384.



235267 Solenoid

Replacing: 77262, 000077262010

Servicing: M80R, 063226945010, 26943, 26946
12 V, B+ M8, OD 45.50, Height/ B+ 21.50, No./ terminals 3



238667 Solenoid

Replacing: SSL0011, 77218

Servicing: 27408, 27474
12 V, B+ M8, Kl. 50 6.30, OD 54.80, Total length 160.00, Height/ B+ 12.50, Coil bolt M8, Coil bolt 2 17.50



238841 Solenoid

Replacing: 085541990010

Servicing: 063101021010, 063102022010
12 V, B+ M8, OD 54.05, Total length 129.00, Height/ B+ 16.25, Coil bolt M8, Coil bolt 2 9.25, No./ terminals 2



239075 Solenoid

Replacing: 085553402010

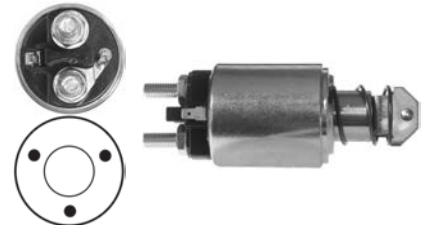
Servicing: 063280091010
12 V, B+ M8, Kl. 50 M5, OD 54.25, Total length 106.20, Height/ B+ 18.30, Width/ kl. 50 9.45, Coil bolt M8, Coil bolt 2 10.95, No./ terminals 3

24 Volt



130952 Solenoid

24 V, B+ M8, Kl. 50 6.30, OD 52.60, Total length 76.85, Height/ B+ 19.10, Width/ kl. 50 22.00, No./ terminals 4
Insulated return.
Alternative no.: 233956



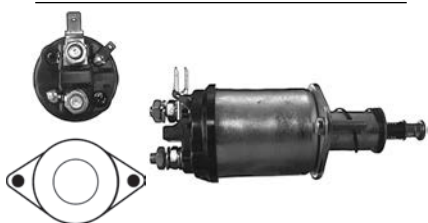
131115 Solenoid

Replacing: tob811, 085540211010, 063633933010
Servicing: 063216727010, 063216731010, 063216733010, 063216740010, 063216741010, 063216748010, 063217225010, 063217226010
24 V, B+ M10, Kl. 50 6.30, ID/ cover 30.00, OD 60.80, OD/ cover 54.70, Total length 157.80, Height/ B+ 20.35, Width/ kl. 50 14.00, Coil bolt M10, Coil bolt 2 20.35, No./ terminals 3
Cap: HC-CARGO 131329. Moving contact: HC-CARGO 132248.


132404 Solenoid

Replacing: tob127, tob126, 77008, 76936

Servicing: M50, M127, 27301A, 27301H, 27301K, 27304A, 27304J, 27304L, 27305A, 27305H, 27305K, 27307A, 27307E, 27307H, 27310A

 24 V, B+ M10, Kl. 15a M6, Kl. 50 6.30, ID/ cover 25.85, OD 54.00, OD/ cover 60.50, Total length 198.60, Height/ B+ 30.55, Width/ kl. 15a 18.55, Width/ kl. 50 13.00, Coil bolt M6, Coil bolt 2 12.65, No./ terminals 3
 Cap: HC-CARGO 131276.

134899 Solenoid

Replacing: tpb127, SSL0023, 77108, 76989, 61611

Servicing: M45G, 3M113, 26387, 27429, 27429A, 27429B, 27461, 27461A, 27461B, 27462, 27462A, 27462B

 24 V, B+ M8, Kl. 15a 6.30, Kl. 50 9.40, ID/ cover 26.30, OD 53.75, OD/ cover 60.25, Total length 176.00, Height/ B+ 16.90, Width/ kl. 15a 12.45, Width/ kl. 50 33.15, Coil bolt M8, Coil bolt 2 18.50, No./ terminals 3
 Cap: HC-CARGO 131015.

233956 Solenoid

Replacing: srb321, 76732

 24 V, B+ M8, Kl. 15a M5, Kl. 50 M5, OD 43.55, Total length 93.65, Height/ B+ 19.30, Width/ kl. 15a 10.95, Width/ kl. 50 10.90, Coil bolt M8, Coil bolt 2 19.00, No./ terminals 4
 Alternative no.: 130952

Solenoid Parts
Solenoid Caps

130868 Solenoid Cap

Replacing: twb110, 60600162, 60600127

Servicing: 25681, 25684, 25696, 25728, 25742, 25755, 25756, 26267, 76878, 76880, 76923, 76970, 77092, 77179, tob116

 No./ terminals 4
 HC-CARGO 131787.

131015 Solenoid Cap

Replacing: twb113, twb112, SSL0901, 61194002, 60600678, 60600645, 60600381, 60600379, 60600129, 60600128

Servicing: 25602A, 25602B, 25603A, 25603F, 25604A, 25604D, 25615A, 25615E, 25620A, 25620D, 25626A, 25626D, 25633A, 25633E, 26148

 No./ terminals 3
 HC-CARGO 131786, 132269, 133531, 134695, 134899.

131078 Solenoid Cap

Replacing: twb122, twb117, 54646009

Servicing: 25206, 25250, 25255, 25276, 25277, 25281, 25281B, 25288, 25289, 25290, 25326, 25331, 25332, 25335, 25338, 25339, 25344

 No./ terminals 4
 HC-CARGO 131255, 133187.

131079 Solenoid Cap

Replacing: twb124

Servicing: 25349, 25375, 25387, 25411, 26602, 26607, 26614, 26618, 26619, 26622, 26660, 26690, 26692, 26693, 26694, 26696, 26702

 No./ terminals 4
 HC-CARGO 134456.

131264 Solenoid Cap

Replacing: twb100, 54642436

Servicing: 26133, 26145, 26154, 26167, 26173, 26200, 26219, 26220, 26391, 27421, 76458, 76474, 76490, 76498, 76538, 76712, 76727

 No./ terminals 4
 HC-CARGO 131252.

131274 Solenoid Cap

Replacing: twb114, SSL0903, 61194021, 60600759, 60600650, 60600125, 60600120, 54644304, 54644303, 54644302

Servicing: 25621A, 25621E, 25627A, 25627E, 25632A, 25632E, 25664A, 25664B, 25673A, 26256, 26259, 26278, 26281, 26286, 26321, 27413

 No./ terminals 3
 HC-CARGO 130855.

131275 Solenoid Cap

Replacing: twb107, twb105, 60600906, 54646683, 54646676, 54645021, 54644187, 54643312, 54643131, 54642903

Servicing: 26211, 26227, 26265, 26273, 26274, 26284, 26284E, 26291, 26294, 26295, 26311, 26312, 26316, 26323, 26329, 26338, 26339

 No./ terminals 4
 HC-CARGO 131247, 131248.



131276 Solenoid Cap

Replacing: twb108, 54646689, 54646071, 54645590, 54644128

Servicing: 26336, 26342, 26355, 26356, 26386, 26388, 26407, 26428, 26428A

No./ terminals 4

HC-CARGO 131121, 132404, 134891.



132270 Solenoid Cap

Replacing: twb111, SSL0900, 61194001, 60600568

Servicing: 27430, 27501, 27508, 27512, 27567, 27575, 27577, 27586, 27587, 27604, 61924011, 61924015, 61924017, 61924027, 61924033

No./ terminals 3

HC-CARGO 131785, 134888, 134890.



133200 Solenoid Cap

Replacing: twb121, twb119, 54648102, 54647433

Servicing: 25400, 26009, 26587, 26600, 26601, 26602, 26605, 26616, 26618, 26626, 26628, 26648, 26655, 26667, 26678, 26679, 26680

No./ terminals 3

HC-CARGO 133590.



134430 Solenoid Cap

Replacing: twb123

Servicing: 26715, 26801, 26812, 26835, 26847, 77118, 77170, 77174, 77177, 77191, 77194, 77196, 77204, BLMC, tpb138, tpb140, tpb145

No./ terminals 4

HC-CARGO 134457.



135353# Solenoid Cap

Servicing: 77136, 77138, tpb114, tpb115

No./ terminals 3

HC-CARGO 134886.



135354 Solenoid Cap

Servicing: 77129, 77135, tpb112, tpb122

No./ terminals 4

HC-CARGO 134483.



136892 Solenoid Cap

Replacing: 54648379, 54648007

Servicing: 26667, 26813, 26814, 26834, 26841, 26845, 27022, 27043, 27047, 77222

No./ terminals 3

HC-CARGO 136889.



137057 Solenoid Cap

Servicing: 27048, 77252

No./ terminals 3

HC-CARGO 133301.



139085 Solenoid Cap

Replacing: twb125

Servicing: 77175, 77197, 77201, tpb139, tpb150

No./ terminals 4, Bracket type Crimp

HC-CARGO 133300.



139112 Solenoid Cap

Servicing: 77165, 77198, tpb136

No./ terminals 3, Bracket type Crimp

HC-CARGO 134455.



139159 Solenoid Cap

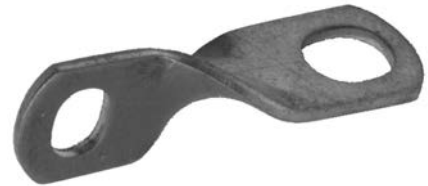
Replacing: twt200, SSL0902, 61194003, 54648338

Servicing: 61924038, 77207, tpb157

No./ terminals 4

HC-CARGO 137759.

Pkg. 5



139177 Connection

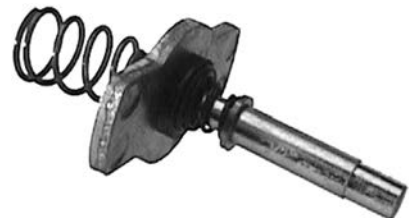
Replacing: 54645844, 54642959

Servicing: 26025007A, 26211, 26211A, 26211L, 26211M, 26211T, 26211U, 26227, 26227R, 26227V, 26246A, 26246L, 26246M, 26265, 26265J

Length 54.40, Width 16.15

Moving Contacts

Pkg. 5



137058 Moving Contact

Servicing: tob130, tob135, TOB140, tob157, tob171, tob181, tob184

Length 32.70, Shaft measurement 32.40, Thickness 2.45, Width 12.00/18.60



Pkg. 5

137059 Moving Contact

Replacing: 54647861

Servicing: 77171, 77177, 77192, 77194, 77204, TPB132, tpb140, tpb146

Length 32.70, Shaft measurement 31.55, Thickness 3.00, Width 12.00/18.60



Pkg. 10

231839 Moving Contact

Servicing: 77222

Length 32.00, Shaft measurement 30.00, Thickness 2.50, Width 12.20



Pkg. 30

231840 Moving Contact

Servicing: 77221

Length 32.10, Shaft measurement 32.20, Thickness 2.40, Width 12.30

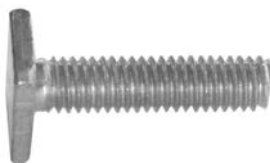


Pkg. 5

235014 Moving Contact

 Length 38.00, Shaft measurement 45.55, Thickness 2.55, Width 16.10
Silver plated.
Fixed Contacts

Pkg. 5


234316 Fixed Contact

Servicing: tpb136, tpb138, tpb142, tpb143, tpb150

Total length 26.75, Thread size M6



Pkg. 5

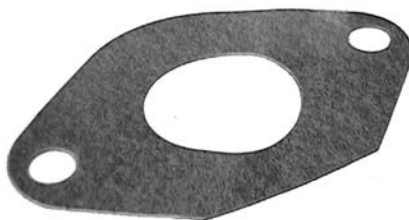
234317 Fixed Contact

Servicing: tpb136, tpb138, tpb142, tpb143, tpb150

Total length 37.00, Thread length 32.80, Thread size M8

Various

Pkg. 5


136276 Gasket

Servicing: M50

ID 28.00, ID/ mount. hole 8.15, Length 80.65, Thickness 0.30, Width 54.00 mm, No./ mount. holes 2

Drives

130440 Drive

Replacing: tmj106, tmj100

ID 13.00, OD 29.70, OD/ housing 46.25, Total length 62.00, Splines A 10, No./ teeth 9, Rotation CR


130441 Drive

Replacing: tmj401

ID 12.50, OD 29.15, OD/ housing 46.25, Total length 86.00, Splines A 10, No./ teeth 9, Rotation CR


130443 Drive

Replacing: tlb118, 60600342, 292124

Servicing: 26145, 26147A, 26147H, 26147J, 26147M, 26148, 26148A, 26148F, 26148H, 26148N, 26149H, 26149M, 26151A, 26151F, 26151H

ID 14.30, OD 40.00, OD/ housing 68.00, Total length 106.85, Splines A 6, No./ teeth 10, Rotation CR


130444 Drive

Replacing: tlb117, 60600341, 292130

Servicing: 26133, 26173, 26206

ID 14.25, OD 39.75, OD/ housing 68.25, Total length 106.50, Splines A 6, No./ teeth 11, Rotation CR


130445 Drive

Replacing: tmb115, 54247187, 54246896, 54246738, 54243783

Servicing: 26211, 26211U, 26213, 26227, 26227R, 26227V, 26265, 26265j, 26265m, 26291, 26291E, 26305D, 26305H, 26305J, 26305N

ID 17.00, OD 39.85, OD/ housing 60.00, Total length 70.15, Splines A 12, No./ teeth 10, Rotation CR



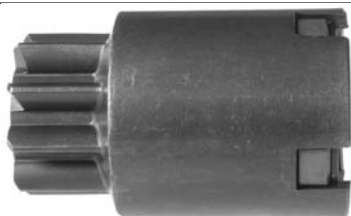
130446 Drive

Replacing: tmb105, 54259688, 54246725
 Servicing: 26148, 26196, 26236A, 26236K, 26238A, 26238L, 26248A, 26248L, 26256, 26256A, 26256E, 26259, 26259A, 26259K, 26264
 ID 17.00, OD 39.85,
 OD/ housing 60.00, Total length 72.85,
 Splines A 3, No./ teeth 10, Rotation CR



130447 Drive

Replacing: tmb116, 54247184, 54246739, 54246340
 Servicing: 26317B, 26317D, 26317E, 26317H, 26355, 26355A, 26355B, 26355D, 26355J, 26356, 26356A, 26356B, 26356D, 26356E, 26356F
 ID 17.00, OD 45.70,
 OD/ housing 60.00, Total length 70.10,
 Splines A 12, No./ teeth 13, Rotation CR



130449 Drive

Replacing: tlb112, 54252212
 Servicing: 25016, 25022, 25024, 25041, 25061, 25062, 25063, 25065, 25071, 25075, 25079, 25079A, 25079J, 25083, 25083A, 25083H
 ID 16.00, OD 29.10,
 OD/ housing 36.90, Total length 58.00,
 Splines A 4, No./ teeth 9, Rotation ACR



130450 Drive

Replacing: tmb104, 54259800, 54256984, 54246724
 Servicing: 26208, 26208A, 26208E, 26211, 26211A, 26211L, 26227, 26291
 ID 17.00, OD 39.90,
 OD/ housing 60.00, Total length 70.00,
 Splines A 3, No./ teeth 10, Rotation CR



130451 Drive

Replacing: tmb143, tmb101, 60600210, 54258190, 54247188, 54246661, 54243848, 54240795
 Servicing: 26211, 26211M, 26211T, 26227, 26227A, 26227Q, 26291, 26291A, 26291D, 26305, 26305A, 26305B, 26312A, 26316, 26321, 26329
 ID 17.00, OD 39.90,
 OD/ housing 60.00, Total length 70.00,
 Splines A 3, No./ teeth 10, Rotation CR



130452 Drive

Replacing: tnb165, tmb120, 60600024, 54294922, 54268141, 54247036, 54247034, 26253078, 085541490010
 Servicing: 063227408010, 063227409010, 063227415010, 063227417010, 063227425010, 063227468010, 063227470010, 063227474010
 ID 17.00, OD 39.90,
 OD/ housing 60.00, Total length 73.00,
 Splines A 12, No./ teeth 10, Rotation CR
 Alternative no.: 130452z



130452Z Drive

Replacing: 54294922, 54268141, 54247036, 54247034, 26253078, 085541490010, 085541479010, 085541454010
 ID 17.00, OD 39.50,
 OD/ housing 60.00, Total length 73.50,
 Splines A 12, No./ teeth 10,
 Drive type Steel, Rotation CR
 Alternative no.: 130452



130453 Drive

Replacing: tmb142, tmb100, 60600066, 54246654, 54246285, 54244938, 26252342
 Servicing: 26246M, 26273, 26273E, 26273F, 26273H, 26273M, 26274, 26274E, 26274F, 26274H, 26274N, 26290B, 26294, 26294D, 26294E
 ID 17.00, OD 39.90,
 OD/ housing 60.00, Total length 73.00,
 Splines A 12, No./ teeth 10, Rotation CR



130737 Drive

Replacing: 085540661010
 Servicing: 063220732010, 063220735010, 063220740010, 063220741010, 063220743010, 063220744010, 063220746010, 063220932010
 ID 11.70, OD 25.55,
 OD/ housing 43.70, Total length 71.15,
 Splines A 6, No./ teeth 9, Rotation CR



130741 Drive

Replacing: tmj204
 ID 12.85, OD 29.15,
 OD/ housing 45.40, Total length 60.15,
 Splines A 8, No./ teeth 9, Rotation CR



130745 Drive

Replacing: tlb110, 291559
 Servicing: 26072, 26132, 26132A, 26132F, 26132H, 26132J, 26132R, 26135, 26136, 26143, 26143A, 26143H, 26143J, 26143Q, 26172
 ID 14.30, OD 39.70,
 OD/ housing 58.10, Total length 111.85,
 Splines A 6, No./ teeth 11, Rotation CR


130747# Drive

Replacing: tnb153, 54265568, 54265549, 54247295, 54246123, 54245568

Servicing: 5M90, M35J, 25204, 25204A, 25204H, 25204L, 25205A, 25205J, 25205L, 25206, 25206A, 25206J, 25206T, 25208, 25210A, 25210D

ID 12.00, OD 26.70,
OD/ housing 47.00, Total length 68.65,
Splines A 12, No./ teeth 10, Rotation CR
Drive w/ lever: HC-CARGO 134065.


130749 Drive

Replacing: 072138801010

Servicing: 063216733010, 063216816010, 063216833010, 063216846010, 063217117010, 063217173010, 063217182010, 063217402010

ID 14.35, OD 34.40,
OD/ housing 60.30, Total length 77.20,
Splines A 6, No./ teeth 9, Rotation CR
w/ lever.


130897 Drive

Replacing: tmb102, 60600050, 54246662, 54243781

Servicing: M50, 26234K, 26336, 26336A, 26336F, 26336H, 26336Q, 26336R, 26337A, 26337B, 26337D, 26337H, 26349, 26349A, 26349B

ID 17.00, OD 39.85,
OD/ housing 60.00, Total length 100.00,
Splines A 12, No./ teeth 10, Rotation CR


130959 Drive

Replacing: tmb134, 54261078

Servicing: M50, 26386, 26386A, 26386K, 26386L

ID 16.75, OD 49.40,
OD/ housing 60.25, Total length 73.50,
Splines A 12, No./ teeth 14, Rotation CR


131035 Drive

Replacing: tnb137, 54247181, 54247077, 54246005, 54245341, 54245201, 54244686

Servicing: M35J, 25137A, 25137E, 25137F, 25137N, 25165A, 25165D, 25165E, 25165Q, 25166A, 25166B, 25166D, 25166F, 25167A, 25167E

ID 12.00, OD 28.90,
OD/ housing 46.20, Total length 68.50,
Splines A 12, No./ teeth 9, Rotation CR


131083 Drive

Replacing: 54262393

ID 12.10, OD 25.55,
OD/ housing 46.20, Total length 80.65,
Splines A 9, No./ teeth 9, Rotation CR


131085 Drive

Replacing: tmj107, tmj103

ID 12.50, OD 29.70,
OD/ housing 47.00, Total length 62.00,
Splines A 5, No./ teeth 9, Rotation CR


131086 Drive

Replacing: tmj102

ID 12.50, OD 28.00,
OD/ housing 46.20, Total length 62.00,
Splines A 5, No./ teeth 8, Rotation CR


131087 Drive

Replacing: tmj210

ID 12.75, OD 28.10,
OD/ housing 45.00, Total length 61.55,
Splines A 8, No./ teeth 8, Rotation CR


131109 Drive

Replacing: 072139001010

Servicing: 063216727010, 063216740010, 063216827010, 063216898010, 063217118010, 063217119010, 063217120010, 063217125010

ID 14.30, OD 34.55,
OD/ housing 59.70, Total length 77.20,
Splines A 12, No./ teeth 9, Rotation CR
Drive w/ lever: HC-CARGO 234921, 234922.


131110 Drive

Replacing: tmj400

ID 12.55, OD 29.10,
OD/ housing 46.25, Total length 64.00,
Splines A 10, No./ teeth 9, Rotation CR



131192 Drive

Replacing: tnb154, 54265558
 Servicing: 8M90, 9M90, 25277, 25281, 25281B, 25326, 25326A, 25326E, 25331, 25331A, 25331D, 25332, 25332A, 25332E, 25333, 25333A
 ID 12.05, OD 26.80,
 OD/ housing 48.80, Total length 59.50,
 Splines A 12, No./ teeth 10, Rotation CR w/ lever.



131206 Drive

Replacing: tnb144, 54249042, 54249034, 54247106, 54246253
 Servicing: 2M100, 3M100, 25638A, 25638E, 25639A, 25639E, 25648, 25648A, 25648K, 25683A, 25683D, 25685A, 25685E, 25687A, 25687L
 ID 12.00, OD 25.35,
 OD/ housing 47.10, Total length 75.65,
 Splines A 12, No./ teeth 9,
 Drive type Steel, Rotation CR



131588 Drive

Replacing: 085540081010
 Servicing: 063221830010, 063221832010
 ID 11.68, OD 25.60,
 OD/ housing 43.70, Total length 63.95,
 Splines A 6, No./ teeth 9, Rotation CR
 Drive only: HC-CARGO 132119.



131705 Drive

Replacing: tnb145, 54249035, 54247179
 Servicing: 2M100, 25653, 25653A, 25653E, 25654, 25654A, 25654H, 25667, 25667A, 25667D, 25705, 25705A, 25705D, 25721, 25721A
 ID 12.00, OD 32.10,
 OD/ housing 47.10, Total length 75.50,
 Splines A 12, No./ teeth 10, Rotation CR



131707 Drive

Replacing: tnb149, tnb147, tnb142, 54279043, 54262658, 54249043, 54249041, 54249032, 54246252
 Servicing: 2M100, 3M100, 25629A, 25629E, 25634A, 25634E, 25642, 25642A, 25642F, 25647, 25647A, 25647L, 25650A, 25650E, 25651
 ID 12.08, OD 29.00,
 OD/ housing 46.30, Total length 75.00,
 Splines A 12, No./ teeth 9, Rotation CR



131708 Drive

Replacing: tmb124, 60600077, 54247396, 054247396010
 Servicing: M45G, 2M113, 063227413010, 063227421010, 26278, 26278H, 26301, 26301H, 27413A, 27413D, 27421A, 27421B, 27463, 27463A
 ID 17.00, OD 39.23,
 OD/ housing 60.20, Total length 73.20,
 Splines A 12, No./ teeth 11, Rotation CR



131709 Drive

Replacing: tmb111, 60600211, 54246733, 54245900, 54240593
 Servicing: M50, 26246a, 26246l, 26273a, 26273B, 26273D, 26274A, 26274B, 26274d, 26294A, 26294B, 26295, 26295a, 26295b, 26304a
 ID 17.00, OD 38.95,
 OD/ housing 60.00, Total length 73.35,
 Splines A 3, No./ teeth 10, Rotation CR



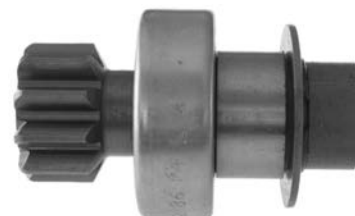
131715 Drive

Replacing: 085540601010
 Servicing: 063220536010, 063220537010, 063220538010
 ID 11.64, OD 25.60,
 OD/ housing 43.80, Total length 68.56,
 Splines A 6, No./ teeth 9, Rotation CR



131716 Drive

Replacing: 085540611010, 085540491010
 Servicing: 063220931010, 063221338010, 063221430010, 063221431010, 063221538010, 063221637010
 ID 11.55, OD 29.30,
 OD/ housing 46.40, Total length 71.00,
 Splines A 6, No./ teeth 11, Rotation CR



131723 Drive

Replacing: tnb133, 54240984
 Servicing: M418G, 25604, 25604A, 25604D, 25616, 25616A, 25616J, 25660, 25660A, 25660B
 ID 12.00, OD 32.00,
 OD/ housing 47.60, Total length 75.35,
 Splines A 3, No./ teeth 10, Rotation CR


131728 Drive

Replacing: tnb169, tmb121, 54268142, 54247389, 085541541010, 085541496010

Servicing: M45G, 063227419010, 063227533010, 063227601010, 26233k, 26233L, 26233M, 26286, 26286f, 26286H, 26286J, 26320D, 26320J

ID 17.05, OD 39.85,
OD/ housing 59.95, Total length 100.20,
Splines A 12, No./ teeth 10, Rotation CR


131729 Drive

Replacing: tmb125, 60600078, 54247397, 085541538010

Servicing: M45G, 063227416010, 063227491010, 26275f, 26275J, 26275K, 26280f, 26280H, 26280J, 26306e, 26306F, 26306H, 27412, 27412a

ID 17.05, OD 45.95,
OD/ housing 59.95, Total length 73.35,
Splines A 12, No./ teeth 13, Rotation CR


131732 Drive

Replacing: tmb108, 54246729, 54242044

Servicing: M45G, 26278, 26278a, 26278f, 26301a, 26301e

ID 17.00, OD 39.25,
OD/ housing 60.15, Total length 73.00,
Splines A 3, No./ teeth 11, Rotation CR


131733 Drive

Replacing: tmb129, 54248156

Servicing: M45G, 26371, 26371A, 26371D, 26371E, 26371F, 26400, 26400A, 26400B, 26400D, 27431, 27431A, 27431B, 27438A, 27451B

ID 17.00, OD 36.80,
OD/ housing 60.20, Total length 73.36,
Splines A 12, No./ teeth 10, Rotation CR


131734 Drive

Replacing: tmb132, 54248959

Servicing: M45G, 26346E, 26346K, 26381, 26381E, 26381F, 27428A, 27428D, 27428F

ID 12.10, OD 25.50,
OD/ housing 60.90, Total length 82.50,
Splines A 12, No./ teeth 9, Rotation CR


131737 Drive

Replacing: tnb102, 54245266

Servicing: 3M127, 27301A, 27301H, 27304A, 27304J, 27309A, 27309E, 27310A, 27310F, 27311A, 27311E, 27313A, 27313B, 27315A, 27315B

ID 17.10, OD 39.90,
OD/ housing 60.25, Total length 100.90,
Splines A 12, No./ teeth 10, Rotation CR


131738 Drive

Replacing: tnb104, 54246796

Servicing: 3M127, 27305A, 27305H

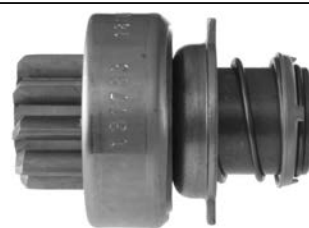
ID 17.00, OD 40.64,
OD/ housing 68.34, Total length 100.95,
Splines A 12, No./ teeth 11, Rotation CR


131779[#] Drive

Replacing: 074884601010

Servicing: 063224301010, 063224302010, 063225303010, 063225391010, 063225398010

ID 18.20, OD 40.30,
OD/ housing 86.60, Total length 122.85,
Splines A 6, No./ teeth 11


131783 Drive

Replacing: tmj101

ID 12.55, OD 28.70,
OD/ housing 46.30, Total length 62.00,
Splines A 10, No./ teeth 9, Rotation CR


131985 Drive

Replacing: tmj123, tmj117, tmj115

ID 14.00, OD 36.00,
OD/ housing 60.00, Total length 70.00,
Splines A 12, No./ teeth 9, Rotation CR


131986 Drive

Replacing: tmj121

ID 12.40, OD 28.00,
OD/ housing 46.25, Total length 60.00,
Splines A 10, No./ teeth 8, Rotation CR


131987 Drive

Replacing: tmj165

ID 12.60, OD 28.00,
OD/ housing 47.60, Total length 65.00,
Splines A 5, No./ teeth 9, Rotation CR



131988 Drive

Replacing: tmj140
 ID 12.50, OD 27.85,
 OD/ housing 46.00, Total length 82.00,
 Splines A 10, No./ teeth 8, Rotation ACR



132001 Drive

Replacing: tmj171
 ID 11.90, OD 29.19, Total length 87.00,
 No./ teeth 9, Rotation CR



132187 Drive

Replacing: 085540481010
 Servicing: 063223236010, 063223237010,
 063223330010, 063223332010
 ID 12.00, OD 25.00,
 OD/ housing 46.25, Total length 65.50,
 Splines A 10, No./ teeth 9, Rotation CR



132188 Drive

Replacing: 085540521010
 Servicing: 063221433010, 063221434010,
 063221530010, 063221533010,
 063221539010, 063221632010,
 063221636010, 063221639010
 ID 11.60, OD 29.15,
 OD/ housing 46.00, Total length 65.50,
 Splines A 10, No./ teeth 11, Rotation CR



132285 Drive

Replacing: tmb170, tmb148, 54290585,
 54268139, 54247393, 085541466010,
 085541462010, 054290585010
 Servicing: M127/2.8 kW, 063227528010,
 063227553010, 063227554010,
 063227569010, 26213, 26311, 26316, 26329,
 26330, 26338, 26339
 ID 17.15, OD 39.00,
 OD/ housing 60.00, Total length 70.40,
 Splines A 12, No./ teeth 10,
 Drive type Steel, Rotation CR



132286 Drive

Replacing: tmb150, 54267317, 26255652,
 054267317010
 Servicing: 2M113, 063227460010, 27425,
 27425B, 27460A, 27460B
 ID 14.30, OD 36.00,
 OD/ housing 60.00, Total length 73.00,
 Splines A 12, No./ teeth 9, Rotation CR



132288 Drive

Replacing: tmb162, 54291147
 Servicing: 9M90, 25375, 25375A, 25375B,
 25377, 25377A, 25377B, 25387, 25387A,
 25387B, 25411, 25411A
 ID 12.00, OD 34.00,
 OD/ housing 48.35, Total length 81.00,
 Splines A 12, No./ teeth 11, Rotation ACR
 w/ lever.



132291 Drive

Replacing: tnb151, 54263923, 54262100,
 54247959
 Servicing: 3M100, 25681, 25696, 25696A,
 25696L, 25697, 25697A, 25697L, 25724A,
 25724E
 ID 12.00, OD 25.50,
 OD/ housing 47.70, Total length 75.75,
 Splines A 12, No./ teeth 9, Rotation CR



132311 Drive

Replacing: tmj105
 ID 12.55, OD 29.50,
 OD/ housing 46.00, Total length 76.50,
 Splines A 10, No./ teeth 9, Rotation CR



132453 Drive

Replacing: tmj120
 ID 14.00, OD 40.00,
 OD/ housing 60.00, Total length 69.50,
 Splines A 12, No./ teeth 11, Rotation CR



132586 Drive

Replacing: tmb167, 54291911,
 085541544010, 085541488010, 054291911010
 Servicing: M78, 063226601010, 063226609010,
 063226626010, 063226627010, 063226678010,
 063226679010, 063226680010, 063226681010
 ID 12.00, OD 26.70,
 OD/ housing 46.25, Total length 48.20,
 Splines A 9, No./ teeth 10, Rotation CR


132587 Drive

Replacing: tmb168, 54291912, 054291912010

Servicing: M78, 063226614010, 063226619010, 063226622010, 063227026010, 063227028010, 26602, 26602D, 26602H, 26614B, 26614D, 26618
ID 12.00, OD 25.50,
OD/ housing 43.50, Total length 48.00,
Splines A 9, No./ teeth 9, Rotation CR


132782 Drive

Replacing: tnb159, 54267478, 54267004

Servicing: 9M90, 25339, 25339A, 25339J, 25339K, 25355, 25355A, 25355D, 25355F
ID 12.00, OD 29.55,
OD/ housing 47.00, Total length 59.40,
Splines A 12, No./ teeth 11, Rotation CR


132818 Drive

Replacing: 085540451010, 085540431010

Servicing: 063222030010, 063222034010, 063222038010, 063222130010, 063222134010, 063222135010, 063222138010
ID 11.60, OD 25.80,
OD/ housing 53.00, Total length 62.00,
Splines A 10, No./ teeth 9, Rotation CR
Alternative no.: 132818z


132818z Drive

Replacing: 085540451010, 085540431010

ID 12.00, OD 25.40, OD/ housing 54.30,
Total length 62.00, Splines A 10,
No./ teeth 9, Drive type Steel, Rotation CR
Alternative no.: 132818


132819 Drive

Replacing: 085540141010

Servicing: 063222031010, 063222039010, 063222136010

ID 12.00, OD 34.75,
OD/ housing 53.00, Total length 62.00,
Splines A 10, No./ teeth 9, Rotation CR


132820 Drive

Replacing: 085540441010

Servicing: 063221831010, 063222036010, 063222131010, 063222133010, 063222206010

ID 12.00, OD 27.50,
OD/ housing 53.25, Total length 61.90,
Splines A 10, No./ teeth 10, Rotation CR


132821 Drive

Replacing: 085540191010, 085540151010

Servicing: 063216731010, 063216741010, 063216818010, 063216831010, 063216852010, 063216896010, 063217126010, 063217148010

ID 14.30, OD 34.30,
OD/ housing 60.00, Total length 77.50,
Splines A 6, No./ teeth 9, Rotation CR


132852 Drive

Replacing: tnb167, 54268140, 085541459010, 054268140010

Servicing: 3M127, 063227501010, 063227567010, 27501A, 27501B, 27501E, 27531A, 27531B, 27531D, 27577

ID 17.00, OD 45.75,
OD/ housing 60.00, Total length 71.00,
Splines A 12, No./ teeth 13, Rotation CR


132965 Drive

Replacing: tmb107, 54258309, 54246728

Servicing: M45G, 26125F, 26215a, 26215f

ID 17.00, OD 39.25,
OD/ housing 60.00, Total length 70.75,
Splines A 3, No./ teeth 11, Rotation CR


133295 Drive

Replacing: tnb176, 54295252, 54292179, 054295252010

Servicing: M79, 063226607010, 063226692010, 063226696010, 063227037010, 063227044010, 063227045010, 26607e, 26607j

ID 12.00, OD 26.70,
OD/ housing 46.00, Total length 61.75,
Splines A 9, No./ teeth 10, Rotation ACR


133296 Drive

Replacing: tmb177, tmb174, 54295255, 54292929, 54291543

Servicing: M79, 26702, 26702E, 26702K, 26717, 26717A, 26722, 26811A, 26812, 26812A, 26812D, 26835, 26847

ID 12.00, OD 26.65,
OD/ housing 46.00, Total length 56.55,
Splines A 9, No./ teeth 10, Rotation ACR


133297 Drive

Replacing: tmb171, 54290840, 054290840010

Servicing: M78, 063226707010, 063226721010, 063226804010, 063226823010, 063226824010, 063226836010, 063226837010, 063226842010

ID 12.00, OD 26.65,
OD/ housing 46.00, Total length 44.00,
Splines A 9, No./ teeth 10, Rotation CR



133298 Drive

Replacing: tmb179, 54292698, 054292698010
 Servicing: M79, 063227011010, 063227012010, 26648, 26648a, 26648b, 26655, 26655a, 26657a, 26657E, 26686
 ID 12.00, OD 29.50,
 OD/ housing 45.00, Total length 60.80,
 Splines A 3, No./ teeth 9, Rotation CR



133591 Drive

Replacing: tmb182, 54291735, 085541389010, 054291735010
 Servicing: M79, 063226921010, 063226935010, 063226936010, 063226939010, 063226942010, 063226949010, 26913, 26913A, 26929, 26929A
 ID 12.00, OD 26.75,
 OD/ housing 46.00, Total length 50.60,
 Splines A 9, No./ teeth 10, Rotation CR



133592# Drive

Replacing: tmb172, 54290804, 54290304
 Servicing: M78R, 26800D, 26800H, 26903, 26903B, 26903D, 26907, 26907B, 26909, 26909B, 26909D, 26923, 26923A, 26923D
 ID 12.10, OD 29.00,
 OD/ housing 47.60, Total length 50.70,
 Splines A 9, No./ teeth 9, Rotation CR



133682 Drive

Replacing: tnb172, 54295140, 54268656, 54268565, 054295140010, 054268565010
 Servicing: M127, 063227512010, 063227587010, 26342, 27512a, 27512d
 ID 17.00, OD 40.50,
 OD/ housing 60.00, Total length 100.25,
 Splines A 12, No./ teeth 11, Rotation CR



133683 Drive

Replacing: tnb173, 54290474, 085541470010
 Servicing: M127, 063227564010, 27564a, 27564f, 27576, 27595
 ID 14.20, OD 31.90,
 OD/ housing 60.00, Total length 100.35,
 Splines A 12, No./ teeth 10, Rotation CR



133985 Drive

Replacing: 072139003010
 Servicing: 063217121010
 ID 14.30, OD 34.00,
 OD/ housing 60.25, Total length 77.25,
 Splines A 12, No./ teeth 9, Rotation CR
w/ lever.



134065 Drive

Replacing: tnb153, 54265568, 54265549, 54247295, 54246123, 54245568
 Servicing: M35J, 25204, 25205, 25206, 25208, 25210, 25249, 25250, 25255, 25270, 25271, 25272, 25276, 25288, 25289, 25368, 25400
 ID 12.00, OD 26.80,
 OD/ housing 47.00, Total length 68.35,
 Splines A 12, No./ teeth 10, Rotation CR
Drive w/ lever: HC-CARGO 130747.



134364 Drive

Replacing: 085541040010, 085540321010
 Servicing: 063223430010, 063223431010, 063223432010, 063223436010, 063223530010, 063223531010, 063223532010, 063223533010
 ID 12.00, OD 29.00,
 OD/ housing 46.25, Total length 52.35,
 Splines A 10, No./ teeth 11, Rotation CR



134427 Drive

Replacing: tmb118, 60600051, 54246741
 Servicing: M50, 26284, 26284A, 26284E, 26342, 26342A, 26342B, 26342D, 26342K, 26342L
 ID 17.00, OD 40.50,
 OD/ housing 60.00, Total length 100.50,
 Splines A 12, No./ teeth 11, Rotation CR



135100 Drive

Replacing: tmb189, 54295254, 54292576, 54242576
 Servicing: M79, 26633, 26659, 26660, 26662, 26663, 26690, 26693, 26694, 27034
 ID 12.00, OD 25.55,
 OD/ housing 43.50, Total length 72.00,
 Splines A 9, No./ teeth 9, Rotation ACR



135117 Drive

Replacing: 085540681010
 Servicing: 063222035010, 06322204010
 ID 12.00, OD 29.00,
 OD/ housing 54.25, Total length 62.00,
 Splines A 10, No./ teeth 9, Rotation CR



135180 Drive

Replacing: tmb180, 54292742
 Servicing: M79, 26649, 26649A, 26649B, 26656, 26656A, 26656E, 26657, 27048
 ID 12.00, OD 26.60,
 OD/ housing 43.50, Total length 61.00,
 Splines A 9, No./ teeth 10, Rotation CR


135355 Drive

Replacing: 54242330, 54240295, 54240294
 Servicing: M35G, 25079A, 25079J, 25083H, 25085A, 25085B, 25088A, 25088J, 25105A, 25105B, 25116A, 25116D, 25118A, 25118J, 25138A
 ID 16.00, OD 29.50, Total length 58.10, Splines A 4, No./ teeth 10


135711 Drive

Replacing: tmb196, 54292464, 085541503010
 Servicing: M79, 06322667010, 063227043010, 27022, 27047
 ID 12.00, OD 28.00, OD/ housing 46.25, Total length 48.15, Splines A 9, No./ teeth 8, Rotation CR


135717 Drive

Replacing: 085541780010, 085540971010
 Servicing: 063101000010, 063101002010, 063101008010, 063102003010, 063102004010, 063102007010, 063102008010, 063103002010
 ID 11.60, OD 25.80, OD/ housing 46.00, Total length 64.00, Splines A 6, No./ teeth 9, Rotation CR


135721 Clutch

Replacing: 000028502010
 Servicing: 054022187010, 054022281010, 054022584010, 063324334010
 OD/ housing 57.00, Total length 114.40, Splines A 8, No./ teeth 20, Rotation ACR


136261 Drive

Replacing: tmb197, 54293451, 054293451010
 Servicing: M78R, 063226834010, 063226845010, 26813, 26841
 ID 12.00, OD 27.85, OD/ housing 46.25, Total length 65.45, Splines A 9, No./ teeth 8, Rotation CR


136338 Drive

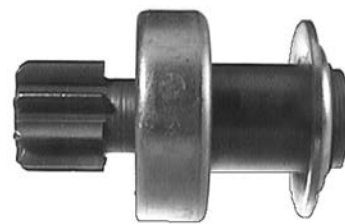
Replacing: tmb130, 54248606
 Servicing: M45G, 26372a, 26372b, 26385a, 26385b, 26390a, 26390b, 26390e, 27430, 27430a, 27430b
 ID 14.30, OD 35.00, OD/ housing 60.00, Total length 73.20, Splines A 12, No./ teeth 9, Rotation CR


136770 Drive

Replacing: tmb173, 54291022, 085541381010
 Servicing: M78R, 063226801010, 26801B, 26801F
 ID 12.00, OD 25.75, OD/ housing 47.65, Total length 56.00, Splines A 9, No./ teeth 9, Rotation CR


136962 Drive

Replacing: tnb194, tmb194, 54293287
 Servicing: M78, 26715, 26715B
 ID 12.00, OD 28.00, OD/ housing 45.00, Total length 43.85, Splines A 9, No./ teeth 8, Rotation CR


137326 Drive

Replacing: tnb134, 60600329, 54242521
 Servicing: M45G, 26266, 26266A, 26266F, 26267, 26267A, 26267F
 ID 12.00, OD 25.65, OD/ housing 47.60, Total length 75.35, Splines A 3, No./ teeth 9, Rotation CR


138167 Drive

Replacing: 085541030010
 Servicing: 063111000010, 063223435010, 063223639010
 ID 12.00, OD 28.70, OD/ housing 47.00, Total length 52.55, Splines A 10, No./ teeth 9, Rotation CR
 Drive only: HC-CARGO 136257.


138299 Drive

Replacing: tmb183, 54290638, 054290638010
 Servicing: M80, 063226904010, 063226927010, 063226932010, 26808a, 26914a, 26914f, 26920a, 26920e, 26922b, 26927a, 26928a, 26932A
 ID 12.10, OD 39.50, OD/ housing 47.75, Total length 50.50, Splines A 9, No./ teeth 10, Rotation CR


138533 Drive

Replacing: 085541080010
 Servicing: 063223039010, 063293039010
 ID 11.60, OD 24.90, OD/ housing 44.00, Total length 60.85, Splines A 12, No./ teeth 9, Rotation CR



138546 Drive

Replacing: 54293455
 Servicing: 26814
 ID 12.00, OD 28.00,
 OD/ housing 47.60, Total length 50.95,
 Splines A 9, No./ teeth 8, Rotation CR
w/ lever.



139635 Drive

Replacing: tmb184, 54291763, 054291763010
 Servicing: M79, 063226631010, 26631A,
 26631D
 ID 11.40, OD 29.00,
 OD/ housing 44.00, Total length 48.85,
 Splines A 3, No./ teeth 9, Rotation ACR



139655 Drive

Replacing: 085541870010
 Servicing: 063103007010, 063103008010,
 063103015010, 063103022010,
 063103023010, 063103024010,
 063103031010
 ID 11.45, OD 23.50,
 OD/ housing 44.00, Total length 64.00,
 Splines A 12, No./ teeth 8, Rotation CR
Drive w/ lever: HC-CARGO 230804.



139710 Drive

Replacing: 54294813, 054294817010
 Servicing: 063293538010
 ID 12.00, OD 54.00,
 OD/ housing 48.20, Total length 51.35,
 Splines A 10, No./ teeth 23, Rotation CR
 Alternative no.: 139710z



139710Z Drive

Replacing: 54294813, 054294817010
 ID 12.00, OD 54.00,
 OD/ housing 48.20, Total length 51.35,
 Splines A 10, No./ teeth 23, Rotation CR
 Alternative no.: 139710



139900 Drive

Replacing: 085541050010
 Servicing: 063223433010
 ID 12.00, OD 27.50,
 OD/ housing 47.60, Total length 53.15,
 Splines A 10, No./ teeth 10, Rotation CR



139901 Drive

Replacing: 085541680010, 085541250010
 Servicing: 063111008010, 063111009010,
 063111027010, 063111037010,
 063112003010, 063113003010,
 063113004010
 ID 12.00, OD 29.75,
 OD/ housing 47.55, Total length 50.20,
 Splines A 10, No./ teeth 11, Rotation CR



139902 Drive

Replacing: 085541700010
 Servicing: 063114014010
 ID 12.00, OD 34.25,
 OD/ housing 60.00, Total length 64.65,
 Splines A 10, No./ teeth 9, Rotation CR



230025 Drive

Replacing: 085540401010
 Servicing: 063223239010
 ID 12.00, OD 29.50,
 OD/ housing 47.60, Total length 64.90,
 Splines A 10, No./ teeth 9, Rotation CR



230265 Drive

Replacing: 26255474
 Servicing: 26925188D, 26925189D,
 26925194D, 26925198D, 26925200A
 ID 14.35, OD 39.40,
 OD/ housing 61.00, Total length 73.45,
 Splines A 12, No./ teeth 10, Rotation CR



230269 Drive

Replacing: 26255553
 Servicing: 26925193A
 ID 14.20, OD 39.30,
 OD/ housing 61.00, Total length 73.50,
 Splines A 12, No./ teeth 10, Rotation CR



230757 Drive

Replacing: 085540381010
 Servicing: 063101003010, 063221834010,
 063221890010, 063221892010
 ID 11.60, OD 25.30,
 OD/ housing 43.45, Total length 64.10,
 Splines A 12, No./ teeth 9, Rotation CR
Drive only: HC-CARGO 132119.


230804 Drive

Replacing: 085541710010
 Servicing: 063101015010, 063101018010,
 063101021010, 063101023010,
 063102018010, 063102021010, 063102022010
 ID 11.55, OD 23.50,
 OD/ housing 45.00, Total length 64.00,
 Splines A 12, No./ teeth 8, Rotation CR
 Drive only: HC-CARGO 139655.


231414 Drive

Replacing: 085541220010
 Servicing: 063102000010, 063192000010
 ID 11.65, OD 27.80,
 OD/ housing 45.00, Total length 63.30,
 Splines A 12, No./ teeth 8, Rotation CR


231478 Drive

Replacing: 085541390010
 Servicing: 063191007010
 ID 11.00, OD 25.40,
 OD/ housing 45.25, Total length 57.50,
 Splines A 12, No./ teeth 9, Rotation CR


232480 Drive

Replacing: tmb106, 54246727, 54242438
 Servicing: M45G, 26207, 26270, 26270A,
 26270J, 26300, 26300A, 26300E, 26300F,
 26300J, 27410a, 27418a
 ID 17.00, OD 39.20,
 OD/ housing 60.45, Total length 73.70,
 Splines A 3, No./ teeth 11, Rotation ACR


233331 Drive

Replacing: 054294771010
 Servicing: 063191001010
 ID 12.00, OD 27.95,
 OD/ housing 48.00, Total length 65.75,
 Splines A 10, No./ teeth 8, Rotation CR


233533 Drive

Replacing: tmb133, 60600380, 54260599,
 54247508
 Servicing: M45G, 26268J, 26268L, 26269H,
 26269L, 26383A, 26383D, 26396A, 26396B,
 27405A, 27405B, 27406A, 27447A
 ID 12.00, OD 24.75,
 OD/ housing 60.00, Total length 79.00,
 Splines A 12, No./ teeth 9, Rotation CR


233621# Drive

Replacing: tmb190, 54292857
 Servicing: M78R, 26803, 26803A, 26803D,
 26919
 ID 12.15, OD 31.80,
 OD/ housing 50.00, Total length 50.80,
 Splines A 9, No./ teeth 10, Rotation CR


233946 Drive

Replacing: 085541810010
 Servicing: 063111017010, 063111036010
 ID 12.00, OD 25.40,
 OD/ housing 47.00, Total length 48.45,
 Splines A 10, No./ teeth 9, Rotation CR


234219 Drive

Replacing: tmb175, 54291195
 Servicing: M80R, 26908a, 26908b
 ID 12.00, OD 25.25,
 OD/ housing 49.00, Total length 50.00,
 Splines A 3, No./ teeth 9, Rotation CR


234515 Drive

Replacing: 54294074, 054294074010
 Servicing: 063226688010, 063227041010
 ID 11.70, OD 26.90,
 OD/ housing 45.30, Total length 48.10,
 Splines A 3, No./ teeth 10, Rotation ACR


234921 Drive

Replacing: 072397101010
 Servicing: 063216703010, 063216726010,
 063216808010, 063216826010,
 063216873010, 063217104010,
 063217105010
 ID 14.20, OD 34.50,
 OD/ housing 60.20, Total length 77.15,
 Splines A 6, No./ teeth 9
 w/ lever. Drive only: HC-CARGO 131109.


235257 Drive

Replacing: 54294957, 054294957010
 Servicing: M80R, 063226945010, 26943,
 26946
 ID 12.00, OD 28.00,
 OD/ housing 48.65, Total length 50.50,
 Splines A 3, No./ teeth 10, Rotation CR



235427 Drive
 Replacing: 54295253
 Servicing: 26688, 27041
 OD 43.00, OD/ housing 27.00,
 Total length 48.00, Splines A 9,
 No./ teeth 10, Rotation ACR



235428 Drive
 Replacing: 085541370010
 Servicing: 063226849010, 063226950010
 ID 12.10, OD 36.00,
 OD/ housing 86.00, Total length 52.00,
 Splines A 9, No./ teeth 11, Rotation ACR



235780 Drive
 Replacing: twb2520
 ID 11.00, OD 25.20,
 OD/ housing 46.25, Total length 64.00,
 Splines A 6, No./ teeth 9,
 Drive type Steel, Rotation ACR



239080 Drive
 Replacing: 085553621010
 Servicing: 063280091010, 063280110010
 ID 11.00, OD 30.00,
 OD/ housing 44.82, Total length 43.23,
 Splines A 10, No./ teeth 11, Rotation CR

Drive Parts

Caps

Pkg. 25



134208 Dp Cap
 ID 59.50, OD 60.95

Pkg. 10



136968 Dp Cap
 ID 43.00, OD 44.55

Gears

Pkg. 10



134202# Dp Gear
 ID 12.00, OD 26.60, Height 31.60,
 No./ teeth 10

Pkg. 5



138298# Dp Gear
 ID 12.00, OD 29.00, Height 31.50,
 No./ teeth 9

Rollers

Pkg. 100



137403 Dp Rollers
 OD 7.90, Length 15.95

Spring/Roller Retainers



134819 Spring/roller retainer
 Servicing: 54291911, tmb167



134820 Spring/roller retainer
 Servicing: 54291543, 54292929, tmb174, tmb177



135191 Spring/roller retainer

Pinion



131724 Pinion
 Replacing: tlb106, 54251756
 Servicing: M45G, 26125, 26126, 26156, 26163,
 26163A, 26163F, 26165, 26373, 26373A
 ID 21.70, OD 46.00, Height 25.00,
 Splines 4, No./ teeth 13


131725 Pinion

Replacing: tlb100, 54256687, 54256098, 292031

Servicing: M45G, 26147, 26147A, 26147H, 26147J, 26147M, 26148A, 26148F, 26148H, 26148N, 26151H, 26151N, 26153, 26153A, 26153H

ID 20.25, OD 39.50, Height 25.55, Splines 4, No./ teeth 10


131726 Pinion

Replacing: TLB193, tlb101, 54256689, 54255513, 292134, 291859

Servicing: M45G, 26133, 26167, 26169, 26176, 26177, 26185, 26206

ID 20.00, OD 39.40, Height 25.65, Splines 4, No./ teeth 11


139953 Pinion

Replacing: SDR6014, LTH208

ID 13.25, OD 32.55, Height 18.25, Splines 19, No./ teeth 10

Planet Gears

135712 Planet Gear

Replacing: 54294189

Shaft dia./ middle 11.90, Total length 127.25, Splines 10


138547# Planet Gear

Replacing: 60600947

Servicing: 26801

Shaft dia./ middle 11.90, Total length 120.25, Splines 9

Gear Parts
Outer Gear

133618 Outer Gear

Replacing: 54293830

Servicing: M78R, 26803, 26911, 26912, 26913, 26914, 26917, 26918, 26921, 26929, 26935, 26936, 26938, 26941, 26942, 26943, 26945

ID 51.85, OD 61.70, Height 27.70, No./ teeth 40


135121 Outer Gear

Replacing: 54293575, 54293375

Servicing: M78R, 26715, 26804, 26813, 26814, 26834, 26841, 26845

ID 48.00, OD 61.00, Height 27.60, No./ teeth 39

Pkg. 5


232604 Outer Gear

Replacing: 54294580

ID 47.25, OD 61.20, Height 25.25, No./ teeth 37

Gear Wheels

138565 Gear

Replacing: SDR6013, LTH210

ID 14.30, OD 45.20, Height 16.60, Splines 22, No./ teeth 32


138886# Gear Wheel

Servicing: M78, 26717, 26722, 26812, 26835, 26847

ID 46.72, OD 57.73, Height 9.90, No./ teeth 37

Levers

131777# Lever

Replacing: 54247153, 54245342

Servicing: 25137, 25145, 25146, 25156, 25157, 25159, 25290

Dist. 44.40, ID 5.90, Length 89.45


133463 Lever

Replacing: SSP0030, LTH102

Dist. 22.60, Length 81.05



133894 Lever

Replacing: 26211, 26227, 26265, 26291, 26311, 26316, 26329, 26338, 26339, 26341, 26360, 26379, 26395, 26431
Dist. 31.40, ID 8.00, Length 111.00



134444 Lever

Replacing: 60600315, 54267369
Servicing: M127, 26213, 26330, 27500, 27501, 27502, 27506, 27508, 27510, 27512, 27515, 27518, 27533, 27539, 27541, 27553, 27564
Dist. 31.25, ID 7.70, Length 110.45

Pkg. 5



134445 Lever

Replacing: 54267384
Servicing: M50, 26025007A, 26256, 26259, 26271, 26273, 26274, 26294, 26312, 26321, 26323, 26336, 26342, 26345, 26355, 26356, 26357
Dist. 31.35, ID 7.80, Length 110.00



135573 Lever

Replacing: SSP0031, LTH203
Dist. 54.55, ID 5.00, Length 114.00



136592 Lever

Replacing: 60600862, 54268543
Servicing: M127, 27511, 27528, 27554, 27554A
Dist. 31.15, ID 8.00, Length 110.15



138353 Lever

Replacing: 54267376
Servicing: M45G, 2M113, 26148, 26186, 26196, 26233, 26264, 26278, 26281, 26283, 26284, 26284E, 26286, 26295, 26349, 26358, 26374
Dist. 31.25, ID 7.85, Length 106.00



138354 Lever

Replacing: 54267380
Servicing: M45G, 2M113, 27430
Dist. 30.80, ID 8.00, Length 111.45

Lever Parts

Various

Pkg. 5



133893 Pivot Pin

Servicing: M50, 26145, 26154, 26167, 26173, 26200, 26211, 26220, 26227, 26264, 26265, 26267, 26271, 26278, 26281, 26284, 26284E
Total length 51.30



134446 Pivot Pin

Replacing: SSP0013, 61194012, 60600315, 54290573
Servicing: M127, 26025007A, 26148, 26186, 26196, 26213, 26233, 26264, 26273, 26274, 26283, 26286, 26294, 26295, 26311, 26312
Total length 39.65, Thread size M14/7.90

Pkg. 5



138888# Lever Support

Servicing: M78, M80, 26009, 26715, 26717, 26722, 26801, 26804, 26805, 26806, 26807, 26809, 26810, 26812, 26813, 26815, 26816
Length 32.70



231192 Spring Kit

Replacing: SSP0032, LTH204

Pkg. 5



235192 Insulator

Servicing: M79, 26587, 26600, 26601, 26602, 26605, 26614, 26616, 26618, 26619, 26622, 26626, 26628, 26648, 26655, 26660, 26667

Material Rubber

Clutches


231269 Clutch
 Replacing: SDR6012, LTH209
 Total length 117.00/131.00, Splines 19

Brush Gears


130706# Brush Box
 Replacing: ulb102, 54219309, 54200349
 Servicing: ACR, 23548, 23562A, 23562B, 23562D, 23563A, 23563B, 23563D, 23565, 23565A, 23565B, 23566, 23566A, 23568, 23568A, 23569
 OD 63.60
 Brush set: HC-CARGO LASX31-322.



131169 Brush Gear
 Replacing: TAB104, SSP0004, 54245374, 054245374010
 Servicing: M50, 063227501010, 063227502010, 063227510010, 063227512010, 063227518010, 063227533010, 063227541010, 063227547010
 OD 88.70



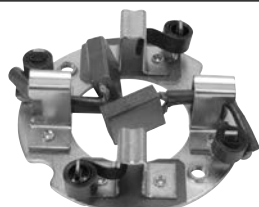
132475 Brush Gear
 Replacing: SSP6001, LTH213
 12 V, OD 70.35
 Brush set: HC-CARGO 140387.



134041 Brush Gear
 Replacing: 072164701010
 Servicing: 063216817010, 063216818010, 063216831010, 063216852010, 063216861010, 063216884010, 063216896010, 063217226010
 OD 93.85
 Brush set: HC-CARGO MASX15-164. Spring: HC-CARGO 234678.



134291 Brush Gear
 Replacing: 074891101010
 Servicing: 063221433010, 063221434010, 063221435010, 063221436010, 063221438010, 063221530010, 063221533010, 063221536010
 OD 89.75
 Neg. brushes. Brush set: HC-CARGO JSX21-224.



134452 Brush Gear
 Replacing: SSP0003, 54244775
 Servicing: M50, 26213, 26316, 26329, 26330, 26338, 26338A, 26338B, 26338D, 26338F, 26339, 26339A, 26339B, 26339D, 26339H, 26395
 OD 81.55
 Brush set: HC-CARGO LASX314. Brush spring: HC-CARGO 132209.



134476 Brush Gear
 Servicing: M35J, 5M90, 8M90, 9M90, 25016, 25024, 25041, 25061, 25062, 25063, 25065, 25075, 25087, 25088, 25089, 25097, 25138
 OD 52.00
 Brush set: HC-CARGO LASX37-38-39. Brush spring: HC-CARGO 134040.



134852 Brush Gear
 Replacing: 54293879, 54293878, 54293877, 54293699, 54291804, 054293879010, 054293878010, 054293877010
 Servicing: M79, 063226601010, 063226604010, 063226606010, 063226607010, 063226609010, 063226614010, 063226619010, 063226622010
 OD 67.80
 Brush set: HC-CARGO 140896, 140897, 140898. Brush spring: HC-CARGO 135119.



134853 Brush Gear
 Replacing: 54292603, 54291125, 54290790, 54290789, 054292603010, 054291125010
 Servicing: M78R, 063226800010, 063226801010, 063226803010, 063226804010, 063226814010, 063226820010, 063226823010, 063226824010
 OD 68.25
 Brush set: HC-CARGO 140511. Brush spring: HC-CARGO 135119.



134854 Brush Gear
 Replacing: 54290689, 054290689010
 Servicing: M80R, 063226908010, 063226912010, 063226921010, 063226923010, 063226935010, 063226936010, 063226937010, 063226939010
 OD 68.30
 Brush set: HC-CARGO 140509. Brush spring: HC-CARGO 135119.



135242 Brush Gear

Replacing: 072164102010
Servicing: 063217226010

24 V, OD 92.30

Neg. brushes. Brush set: HC-CARGO MAX27-284.



135467 Brush Gear

Replacing: SSP6000

12 V, OD 74.00

Neg. brushes. Brush set: HC-CARGO 140349.



135565 Brush Gear

Replacing: 54294444, 54294440,
083227260010, 083227131010,
083220461010

Servicing: 063111000010, 063111005010,
063111007010, 063111008010,
063111009010, 063111016010,
063111017010, 063111023010

OD 61.25

Brush set: HC-CARGO JSX33-344. Spring: HC-CARGO 138639.



135604 Brush Gear

Replacing: 072164101010

Servicing: 063217126010, 063217148010,
063217154010, 063217156010,
063217158010, 063217163010,
063217180010, 063217186010

12 V, OD 90.00

Neg. brushes. Brush set: HC-CARGO MASX25-264.



135822 Brush Gear

Replacing: TAB102, SSP005, 54266043,
054266043010

Servicing: 2M113, 3M113, 063227408010,
063227409010, 063227412010, 063227415010,
063227416010, 063227417010, 063227419010

OD 88.70

Neg. brushes. Brush set: HC-CARGO LASX15-164.



136204 Brush Gear

Replacing: 083224461010

Servicing: 063102003010, 063102004010,
063102007010, 063102008010, 063222900010,
063222901010, 063223085010, 063223101010

OD 66.85

Neg. brushes. Brush set: HC-CARGO JSX35-374.

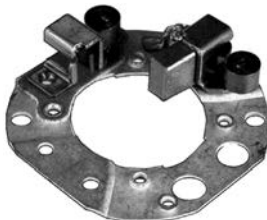


136734 Brush Gear

Replacing: 072362601010

Servicing: 063216702010, 063216703010,
063216704010, 063216706010, 063216707010,
063216710010, 063216726010, 063216727010

24 V



138534 Brush Gear

Replacing: 083225326010

Servicing: 063101000010, 063101002010,
063101008010, 063222889010, 063222897010,
063222905010, 063222908010, 063222909010

12 V, OD 67.20

Neg. brushes. Brush set: HC-CARGO JSX38-412.



138537 Brush Gear

Replacing: 085540341010

Servicing: 063221831010, 063222031010,
063222034010, 063222036010,
063222038010, 063222039010,
063222130010, 063222131010

12 V, OD 74.00

2.2 kW. Neg. brushes. Brush set: HC-CARGO JSX31-32.



138538 Brush Gear

Replacing: 085540351010

Servicing: 063101003010, 063221830010,
063221832010, 063221834010,
063221890010, 063221892010,
063222030010

12 V, OD 73.65

Neg. brushes. Brush set: HC-CARGO JSX21-22.

Brush Gear Parts

Brush Holders

Pkg. 10



134798 Brush Gear

Replacing: 074894441010

Servicing: 063114008010

Brush Springs

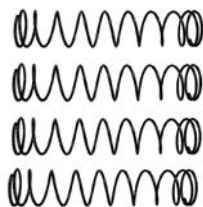
Pkg. 10


132209 Brush Spring

Replacing: tab100, 61194022, 54259524, 54258814

Servicing: M45G, M50, M127, 26025007A, 26125, 26126, 26132A, 26132F, 26132H, 26132J, 26132R, 26133, 26133A, 26133J, 26133K, 26133R

Length 28.70


134040 Brush Spring Set

 Servicing: 8M90, 9M90, M35J, 25350A
 OD 8.60, Length 41.70

Pkg. 500


134270 Dp Springs

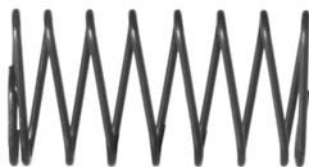
Length 25.30

Pkg. 100


137402 Dp Springs

Length 22.60

Pkg. 100


137404 Dp Springs

Length 27.20

Pkg. 10


233867 Brush Spring Set

Replacing: SSP0037, LTH112

OD 12.00, Length 21.00


233868 Brush Spring Set

Replacing: SSP0038, LTH217

OD 11.50, Length 22.70

Various

Pkg. 2


134956 Insulator

Servicing: M79, 26587, 26600, 26601, 26602, 26605, 26614, 26616, 26618, 26619, 26622, 26624, 26626, 26628, 26628A, 26648, 26649

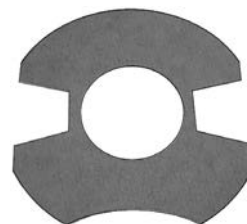
ID 31.00, OD 73.00, Colour White, Material Polypropylene

Pkg. 10


134957 Clip

Servicing: M78, M79, M80

Pkg. 10


135066 Gasket

Servicing: M35J

ID 23.00, OD 51.75, Thickness 0.40


135120 Insulator

Servicing: M79, ACR, 26604, 26606, 26607, 26631, 26633, 26646, 26647, 26659, 26660, 26690, 26692, 26693, 26694, 26696, 27029


135497 Insulation Kit

Servicing: M50

Pkg. 10


137825 Brush Clip

Servicing: M79

ID 6.00, Length 14.35, Thickness 1.55, Width 9.35 mm

Brush Sets



140334 Brush Set

Replacing: taj100

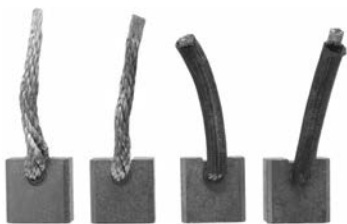
12 V, Length 18.00, Lead length 33.00, Height 11.00, Thickness 7.00



140336 Brush Set

Replacing: taj101

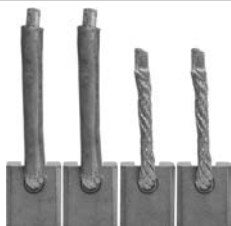
12 V, Length 16.00, Lead length 36.50, Height 11.00, Thickness 7.00



140337 Brush Set

Replacing: taj114

12 V, Length 19.50, Lead length 51.00, Height 20.00, Thickness 9.00



140338 Brush Set

Replacing: taj106

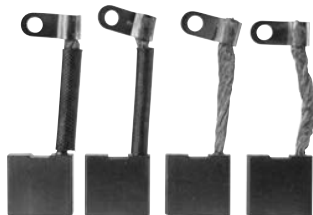
12 V, Length 16.00, Lead length 43.50, Lead length 2 33.50, Height 14.00, Thickness 7.00



140339 Brush Set

Replacing: taj111, taj103

12 V, Length 22.00, Lead length 43.50, Height 15.00, Thickness 8.00



140340 Brush Set

Replacing: taj102

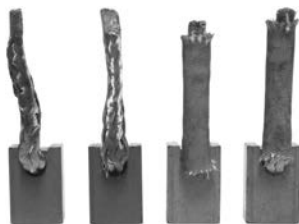
12 V, Length 14.00, Lead length 33.60, Height 16.00, Thickness 6.00



140341 Brush Set

Replacing: taj105

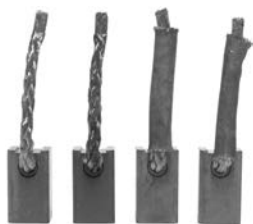
12 V, Length 16.00, Lead length 32.00, Height 16.00, Thickness 7.00



140347 Brush Set

Replacing: taj203

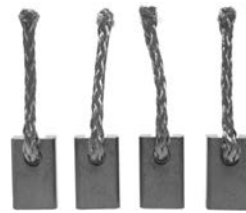
12 V, Length 17.00, Lead length 38.00, Height 12.00, Thickness 6.80



140349 Brush Set

Replacing: taj209

12 V, Length 17.00, Lead length 37.00, Height 10.00, Thickness 7.00

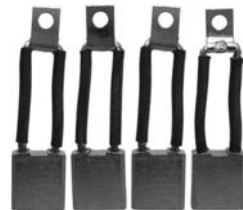


140357 Brush Set

Replacing: taj400

12 V, Length 18.99, Lead length 40.50, Height 11.91, Thickness 6.88

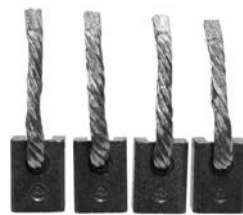
Pkg. 5



140358 Brush Set

Replacing: taj406

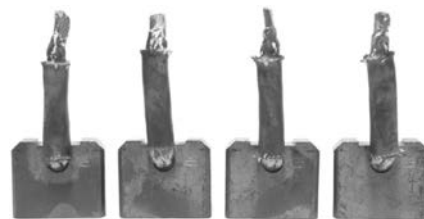
12 V, Length 22.00, Lead length 50.00, Height 20.00, Thickness 8.00



140360 Brush Set

Replacing: taj401

12 V, Length 16.00, Lead length 38.50, Height 12.00, Thickness 7.00



140361 Brush Set

Replacing: taj407

12 V, Length 21.00, Lead length 40.80, Height 25.00, Thickness 8.00

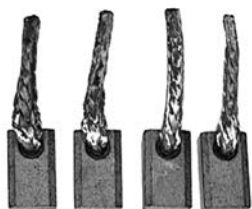
Brush set w/ plate: HC-CARGO 141223.



140362 Brush Set

Replacing: taj410, taj403

12 V, Length 14.00, Lead length 34.00, Height 16.00, Thickness 7.00


140363 Brush Set

Replacing: taj409

 12 V, Length 16.00, Lead length 28.50,
Height 10.00, Thickness 6.50

140391 Brush Set

Replacing: taj200

 12 V, Length 14.00, Lead length 37.50,
Height 17.00, Thickness 6.80

140396 Brush Set

Replacing: taj405

 12 V, Length 13.50, Lead length 23.00,
Height 16.00, Thickness 7.00

140480 Brush Set

Replacing: 60600953

 Servicing: M79, 26604, 26607, 26647,
26660, 26690, 26692, 26693, 26694, 26696,
27029, 27034, 27045

 12 V, Length 12.00, Lead length 32.00,
Lead length 2 64.00/97.00, Height 13.70,
Thickness 7.00

w/ brush bar: HC-CARGO 140897.


140481 Brush Set

Replacing: 60600961, 60600911

 Servicing: M79, 26009, 26587, 26600, 26601,
26602, 26605, 26614, 26616, 26618, 26619,
26622, 26624, 26626, 26648, 26649, 26655

 12 V, Length 12.00, Lead length 75.00,
Height 13.70, Thickness 7.00

w/ brush bar: HC-CARGO 140898, 140896.


140510 Brush Set

Replacing: tab133, 60600936

 Servicing: M78R, 26701A, 26701J, 26707A,
26707L, 26713A, 26713D, 26715, 26715B,
26716B

 12 V, Length 9.40, Lead length 49.50,
Lead length 2 29.00, Height 13.80,
Thickness 6.80

140511 Brush Set

Replacing: tab134, 60600946

 Servicing: M78R, 26009, 26800D, 26800H,
26801, 26801B, 26801F, 26802B, 26803A, 26803D,
26804, 26804A, 26804E, 26805, 26806, 26807

 12 V, Length 9.40, Lead length 50.00,
Lead length 2 27.50, Height 13.80,
Thickness 6.80

140512 Brush Set

Replacing: tab135, 60600944

 Servicing: M78R, 26702, 26702E, 26702K,
26717, 26717A, 26722, 26812, 26835, 26847

 12 V, Length 9.40, Lead length 44.00,
Lead length 2 30.00, Height 13.80,
Thickness 6.80

140513 Brush Set

Replacing: tab138, 60600919

Servicing: M80R, ACR

 12 V, Length 9.40, Lead length 69.00,
Lead length 2 24.00, Height 19.80,
Thickness 6.80

140603 Brush Set

Replacing: tab106, 60600688, 60600626

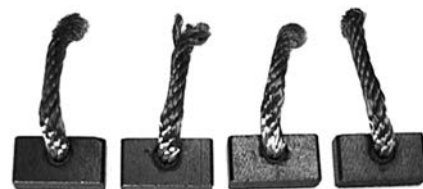
 Servicing: M45G, 26145, 26148, 26154, 26167,
26173, 26186, 26196, 26200, 26219, 26220,
26233, 26264, 26271, 26278, 26283, 26286

 12 V, Length 22.20, Lead length 90.00,
Height 19.00, Thickness 7.90

140716 Brush Set

Replacing: tab112, 60600317

 Servicing: M127, 27301A, 27301H, 27301K,
27305A, 27305H, 27305K, 27307A, 27307E,
27307H, 27309A, 27309E, 27311A, 27311E,
27311H

 24 V, Length 24.50, Lead length 72.50,
Height 19.90, Thickness 8.95

140765 Brush Set

Replacing: tab132, 60600920, 140765

 Servicing: M80R, 26903, 26903B, 26903D,
26905a, 26905d, 26907B, 26908A, 26908B,
26909B, 26909D, 26910D, 26910F, 26911B,
26911D

 12 V, Length 9.40, Lead length 32.00,
Height 19.80, Thickness 6.80

w/ brush bar: HC-CARGO 140509.



140896 Brush Set

Replacing: tab131

Servicing: M79, 26602, 26614, 26614B, 26614D, 26618, 26619, 26619A, 26619D, 26622, 26622A, 26622D, 26689, 27026, 27061

12 V, Length 12.00, Lead length 55.00, Lead length 2 75.00/49.00/25.00, Height 13.70, Thickness 7.00
w/o bus bar: HC-CARGO 140481.



140897 Brush Set

Replacing: tab136

Servicing: M79, 26604E, 26604J, 26606E, 26606H, 26607, 26607E, 26607J, 26631A, 26631D, 26633A, 26633B, 26645E, 26646B, 26646D

12 V, Length 12.00, Lead length 97.50, Lead length 2 64.50, Height 13.00, Thickness 7.00

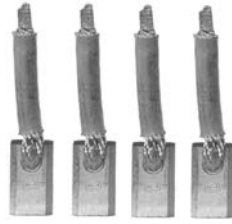


140898 Brush Set

Replacing: tab137

Servicing: M79, 26587, 26600, 26600E, 26600F, 26601, 26601E, 26601F, 26602D, 26602H, 26605, 26605A, 26609F, 26609J, 26613E, 26613H

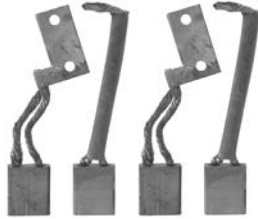
12 V, Length 12.00, Lead length 49.00, Lead length 2 72.50, Height 13.70, Thickness 7.00
w/ brush bar: HC-CARGO 140481.



141234 Brush Set

Servicing: 26925159a, 26925159B, 26925159E

12 V, Length 17.00, Lead length 36.00, Height 10.00, Thickness 7.40



LASX15-164 Brush Set

Replacing: tab125, 271735

Servicing: M45G, M113, 26072, 26132, 26133, 26173, 26256, 26259, 26281, 26321, 26346E, 27419, 27476

12 V, Length 22.20, Lead length 91.00, Lead length 2 48.50, Height 19.00, Thickness 7.90



LASX15-274 Brush Set

Replacing: lasx15-274

Servicing: M45G, M113, 26125, 26126, 26156, 26163, 26165, 26267, 26286, 26373, 27413, 27415, 27432, 27463, 27464, 27479, 27487

12 V, Length 22.20, Lead length 94.00, Lead length 2 62.00/52.00, Height 19.00, Thickness 7.90

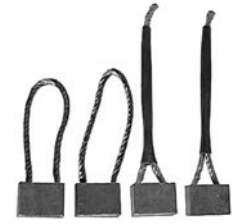


LASX17-62/1 Brush Set

Replacing: lasx17-62/1

Servicing: M35G, 25038, 25038E, 25038H, 25059A, 25059F, 25079A, 25079J, 25083A, 25083H, 25085A, 25085B, 25088A, 25088J, 25105A

12 V, Length 14.20, Lead length 109.00, Lead length 2 59.00/45.00, Height 15.90, Thickness 6.40



LASX2-34 Brush Set

Replacing: lasx2-34

Servicing: M418G, 25521F, 25533A, 25533E, 25555A, 25555F, 25578A, 25578B, 25590A, 25590B, 25593A, 25593B, 25594A, 25597A, 25597B

12 V, Length 13.50, Lead length 98.00, Lead length 2 50.00, Height 19.00, Thickness 8.80



LASX22 Brush Set

Replacing: tab127, 255659

Servicing: M418G

12 V, Length 13.50, Lead length 96.00, Height 19.00, Thickness 8.80



LASX314 Brush Set

Replacing: tab119, 54258592

Servicing: M50, 26211, 26211A, 26211L, 26211M, 26211T, 26211U, 26213, 26227, 26291, 26291A, 26291D, 26291E, 26316, 26329, 26330

12 V, Length 22.20, Lead length 63.00, Height 19.00, Thickness 7.90



LASX364 Brush Set

Replacing: tab118, 54259517

Servicing: M50, M127, 26211, 26213, 26227, 26265, 26273, 26274, 26284, 26284E, 26291, 26294, 26311, 26312, 26316, 26323, 26329

12 V, Length 26.00, Lead length 67.50, Height 20.00, Thickness 9.00


LASX37-38-39 Brush Set

Replacing: 54242194

Servicing: M35J, -K, 25137A, 25137E, 25137F, 25137N, 25145A, 25145H, 25145J, 25146A, 25146J, 25146K, 25147A, 25147H, 25148A

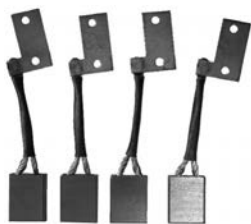
12 V, Length 16.00, Lead length 109.00, Lead length 2 83.00/43.00, Height 11.60, Thickness 3.50/9.50


LASX40-412P Brush Set

Replacing: tab117, 60600056, 54244848

Servicing: M35J, -K

12 V, Length 16.00, Lead length 131.00, Lead length 2 73.00/36.00, Height 11.60, Thickness 3.50/9.50


LASX424 Brush Set

Replacing: 54244979

Servicing: M50, M127, 26227A, 26227Q, 26227R, 26227V, 26234A, 26234J, 26234K, 26246A, 26246L, 26246M, 26265J, 26265M, 26273A

12 V, Length 26.00, Lead length 71.00, Height 20.00, Thickness 9.00


LASX43-442 Brush Set

Replacing: tab124, 54246258

Servicing: M100, 25629A, 25629E, 25634A, 25634E, 25638A, 25638E, 25642A, 25642F, 25643A, 25643J, 25644A, 25644K, 25647A, 25647L

12 V, Length 17.50, Lead length 109.00, Lead length 2 53.50, Height 13.30, Thickness 4.70/10.30


LASX44-452P Brush Set

Replacing: tab116, 60600196

Servicing: M100, 25631A, 25631D, 25636B, 25637B, 25659A, 25659D, 25668A, 25668D, 25669A, 25670A, 25670B, 25676A, 25676B, 25677A

12 V, Length 17.50, Lead length 143.50, Lead length 2 96.00/45.00, Height 13.30, Thickness 4.70/10.30


LASX5-62/1P Brush Set

Replacing: tab128, 251108

Servicing: M35G, 25022, 25071, 25079, 25083, 25085, 25105, 25112

12 V, Length 14.20, Lead length 109.00, Lead length 2 49.00/45.00, Height 15.90, Thickness 6.40


LASX73-412/1P Brush Set

Replacing: tab103, 60600767

Servicing: M35J, 25326A, 25326E, 25331A, 25331D, 25332A, 25332E, 25333A, 25335A, 25335B, 25336A, 25337A, 25337B, 25338A, 25338B

12 V, Length 16.00, Lead length 97.00, Lead length 2 52.00/40.00, Height 11.60, Thickness 3.50/9.50

Brushes

Pkg. 100


LAS40 Brush

Replacing: LASX40-412P

 12 V, Length 14.15, Lead length 79.00, Lead length 2 39.00, Height 11.60, Thickness 4.00/8.55
 Alternative no.: LASX40-412P

LAS41 Brush

Replacing: LASX40-412P

 12 V, Length 14.20, Lead length 133.00, Height 11.60, Thickness 4.00/8.60
 Alternative no.: LASX40-412P

Pkg. 100


LAS73 Brush

Replacing: LASX73-412/1P

 12 V, Length 15.70, Lead length 53.00, Height 11.80, Thickness 4.00/8.45
 Alternative no.: LASX73-412/1P

Pkg. 100

Bushings

Pkg. 10


140052 Bushing

Replacing: tcb127, 250626

ID 12.74, OD 15.85, Length 19.00

Pkg. 10


140053 Bushing

Replacing: tcb123, 255491

Servicing: 37MT, 25521F, 25533A, 25533E, 25555A, 25555F, 25578A, 25578B, 25598A, 25605A, 25605D, 25607A, 25609A, 25609E, 25610A

 ID 15.97, OD 19.12, Length 19.00
 Alternative no.: b140053



Pkg. 10

140054 Bushing

Replacing: tcb125, 251477

Servicing: 25022, 25038, 25038E, 25038H, 25071, 25079, 25079A, 25079J, 25083, 25083A, 25083H, 25085, 25085A, 25085B, 25088A

ID 12.76, OD 15.84, Length 12.70



Pkg. 10

140056 Bushing

Replacing: 54241267

Servicing: 25016, 25024, 25041, 25061, 25062, 25063, 25065, 25075, 25087, 25088, 25089, 25097, 25118, 25138, 25147, 25149, 25150

ID 11.15, OD/ collar 26.20, OD 15.85, Length 16.30, Height/ collar 2.40

Alternative no.: b140056



Pkg. 10

140057 Bushing

Replacing: tcb114, 54252054

Servicing: 25130A, 25130B, 25140A, 25140E, 25143A, 25143E, 25144A, 25144B, 25151A, 25152A, 25154A, 25154F, 25155A, 25155H, 25202A

ID 12.08, OD 15.07, Length 16.90

Alternative no.: b140057



Pkg. 10

140058 Bushing

Replacing: tcb113, 54252236

Servicing: 26072, 26132, 26132H, 26132J, 26132R, 26133K, 26133R, 26143J, 26143Q, 26145, 26146H, 26146N, 26147J, 26147M, 26148H

ID 14.06, OD 17.06, Length 19.70

Alternative no.: b140058



Pkg. 10

140059 Bushing

Replacing: tcb124, 253316

Servicing: 25022, 25071, 25079, 25079A, 25079J, 25083, 25083A, 25083H, 25085, 25085A, 25085B, 25088A, 25088J, 25105, 25105A

ID 19.11, OD 20.70, Length 17.90

Alternative no.: 142298



Pkg. 10

140060[#] Bushing

Replacing: tcb126, 250678

Servicing: 25038, 25038E, 25038H, 26517A

ID 19.00, OD 20.75, Length 20.15



140102 Bushing Kit

Replacing: tcb117, 54244773

Servicing: M35J Inertia, 25147A, 25147H, 25149B, 25149H, 25150A, 25150E, 25241A, 25241B, 25242A, 25242D

ID 19.15, OD/ collar 25.35, OD 22.20,

Length 20.35, Height/ collar 2.50



140103 Bushing Kit

Replacing: tcb116, 54245343

Servicing: M35J, M100 8M90, -9M90, 25113A, 25113F, 25130A, 25130B, 25137A, 25137E, 25137F, 25137N, 25140A, 25140E, 25143A, 25143E

ID 11.20, OD/ collar 26.15, OD 15.85,

Length 12.35, Height/ collar 2.85



140104 Bushing Kit

Replacing: tcb118, SSP0020, 61194019, 54243853

Servicing: M45, M50, 26125F, 26148, 26186, 26196, 26208A, 26208E, 26211, 26211A, 26211L, 26211M, 26211T, 26211U, 26213, 26213A



Pkg. 10

140144 Bushing

Replacing: tcb120, 271364

Servicing: 26132A, 26132F, 26133A, 26133J, 26143A, 26143H, 26145A, 26145F, 26146A, 26146F, 26147A, 26147H, 26148A, 26148F, 26149A

ID 12.76, OD 15.91, Length 16.50



Pkg. 10

140207 Bushing

Replacing: 256112

ID 12.77, OD 14.36, Length 17.40



Pkg. 10

140212 Bushing

Replacing: tcb112, 54252494

Servicing: 26132, 26143J, 26143Q, 26145, 26154, 26167, 26172A, 26172D, 26172E, 26172L, 26200, 26219, 26220, 26391, 27421

ID 25.47, OD 28.65, Length 21.60

Alternative no.: b140212

Pkg. 5


140215 Bushing

Replacing: 54246200

Servicing: 35MT

ID 14.30, OD 17.53, Length 19.00


140528 Bushing Kit

Replacing: tcb129, 60600914

Servicing: 26587, 26600, 26600E, 26600F, 26601, 26601E, 26601F, 26602, 26602D, 26602H, 26604, 26604E, 26604J, 26605, 26605A


140590 Bushing Kit

Replacing: tcb106, 60600306

Servicing: 26372A, 26372B, 26385A, 26385B, 26390A, 26390B, 26390E, 26394A, 26394D, 26437A, 26437B, 26925188D, 26925189D, 26925193A


140592 Bushing Kit

Replacing: tcb108, 60600178

Servicing: 25148A, 25148K, 25198A, 25238A, 25238E, 25239A, 25239F, 25265A, 25265F, 25276A, 25276E, 25295A, 25295E, 25345A

 15.85x11.19x18.84. 15.90x11.12x12.73.
22.26x19.08x20.50.

140593 Bushing Kit

Replacing: tcb110, 60600047

Servicing: 26269A, 26269F, 26269H, 26269L, 26327A, 26327H, 26346A, 26346D, 26346E, 26346K, 26381A, 26381D, 26381E, 26381F, 26383A

Pkg. 10

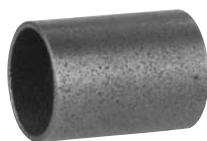

140594 Bushing

Replacing: 271733

Servicing: 26173

ID 25.50, OD 28.65, Length 17.30

Pkg. 10


140625 Bushing

ID 12.03, OD 13.50, Length 18.79

Alternative no.: b140625


140646 Bushing Kit

Replacing: tcb130, 60600924

Servicing: 26009, 26701A, 26701J, 26702, 26702E, 26702K, 26707A, 26707L, 26708, 26713A, 26713D, 26715, 26715B, 26716B, 26717

140655 Bushing Kit

Replacing: tcb131, 60600956

Servicing: 26689, 26910D, 26910F, 26911B, 26911D, 26913, 26913A, 26920A, 26920E, 26921, 26922B, 26924B, 26929A, 26929B, 26930A

Pkg. 10


140656 Bushing

Replacing: 54257833

Servicing: 26025007A, 26211, 26213, 26227, 26284, 26284E, 26291, 26312, 26330, 26336, 26428, 26428A, 26430, 26430A, 26430D

ID 12.75, OD 19.14, Length 14.00

Alternative no.: b140656

Pkg. 10


140657 Bushing

Replacing: 54256132

Servicing: 26148, 26186, 26196, 26213, 26233, 26264, 26267, 26273, 26283, 26286, 26330, 26365, 26379, 26391A, 26411, 26412, 27408

ID 12.80, OD 15.95, Length 14.00

Alternative no.: b140657

Pkg. 10


140658 Bushing

Replacing: 54255966

Servicing: 26025007A, 26925196a, 26925196B

ID 17.07, OD 21.05, Length 22.00

Alternative no.: b140658

Pkg. 10



140659 Bushing

Replacing: 54256151
 Servicing: 26148, 26186, 26196, 26211, 26213, 26227, 26233, 26264, 26273, 26283, 26284, 26284E, 26286, 26291, 26312, 26316, 26329
 ID 28.56, OD/ collar 38.10, OD 31.77,
 Length 13.00, Height/ collar 2.35
 Alternative no.: b140659

Pkg. 10



140661 Bushing

Servicing: 25016, 25024, 25041, 25061, 25062, 25063, 25065, 25075, 25087, 25088, 25089, 25097, 25138, 25147, 25149, 25201, 25238
 ID 19.10, OD/ collar 25.40, OD 22.25,
 Length 20.50, Height/ collar 2.50
 Alternative no.: b140661

Pkg. 10



140662 Bushing

Servicing: 25326, 25338, 26267
 ID 12.07, OD 15.05, Length 14.05
 Alternative no.: b140662

Pkg. 10



140663 Bushing

Replacing: 54264884
 Servicing: 25290, 25326, 25338, 25339, 25355
 ID 11.17, OD/ collar 26.20, OD 15.85,
 Length 12.60, Height/ collar 3.00
 Alternative no.: b140663

Pkg. 10



140664 Bushing

ID 22.35, OD/ collar 31.70, OD 26.25,
 Length 34.00, Height/ collar 5.00
 Alternative no.: b140664

Pkg. 10



140665 Bushing

Servicing: 26009, 26602, 26605, 26607, 26616, 26618, 26667, 26681, 26689, 26692, 26696, 26699, 26801, 26809, 26810, 26813, 26815
 ID 12.05, OD 15.10, Length 7.80
 Alternative no.: b140665

Pkg. 10



140666 Bushing

ID 11.18, OD 15.85, Length 18.85

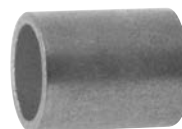
Pkg. 10



140688 Bushing

Servicing: 27564, 27595
 ID 14.32, OD 17.62, Length 22.20
 Alternative no.: b140688

Pkg. 10



140689 Bushing

Servicing: 27455
 ID 12.09, OD 15.08, Length 19.00
 Alternative no.: b140689

Pkg. 10



140746 Bushing

Replacing: tcb122, 270038
 Servicing: M45G, 25521F, 25533A, 25533E, 25555A, 25555F, 25578A, 25578B, 25598A, 25605A, 25605D, 25607A, 25609A, 25609E, 25610A
 ID 22.05, OD 25.45, Length 33.60

Pkg. 10



140997# Bushing

Servicing: 25349, 25350, 25351
 ID 11.03, OD 13.55, Length 20.00

Pkg. 10



141013 Bushing

Servicing: M78, M80R, 26009, 26805, 26806, 26807, 26809, 26810, 26813, 26815, 26816, 26820, 26823, 26824, 26827, 26829, 26830
 ID 16.50, OD/ collar 22.00, OD 20.00,
 Length 8.00, Height/ collar 1.50

Pkg. 10


141014 Bushing

Servicing: M78, M80R, 26009, 26715, 26801, 26809, 26810, 26813, 26815, 26816, 26823, 26824, 26830, 26831, 26832, 26833, 26834
 ID 11.14, OD/ collar 17.50, OD 14.34, Length 9.00, Height/ collar 1.50

Pkg. 10


141016 Bushing

ID 17.03, OD 18.75, Length 25.00

Pkg. 10


141072# Bushing

ID 17.30, OD 18.85, Length 24.90

Pkg. 100


B140053 Bushing

Replacing: tcb123, 255491
 ID 15.97, OD 19.12, Length 19.00
 Alternative no.: 140053

Pkg. 100


B140056 Bushing

Replacing: 54241267
 ID 11.15, OD/ collar 26.20, OD 15.85, Length 16.30, Height/ collar 2.40
 Alternative no.: 140056

Pkg. 100


B140057 Bushing

Replacing: tcb114, 54252054
 ID 12.08, OD 15.07, Length 16.90
 Alternative no.: 140057

Pkg. 100


B140058 Bushing

Replacing: tcb113, 54252236
 ID 14.06, OD 17.06, Length 19.70
 Alternative no.: 140058

Pkg. 100


B140062 Bushing

Replacing: 227818, 227713
 ID 15.11, OD 18.20, Length 22.20
 Alternative no.: 140062

Pkg. 100


B140212 Bushing

Replacing: tcb112, 54252494
 ID 25.47, OD 28.65, Length 21.60
 Alternative no.: 140212

Pkg. 100


B140625 Bushing

Replacing: 140625
 ID 12.03, OD 13.50, Length 18.65
 Alternative no.: 140625

Pkg. 100


B140656 Bushing

Replacing: 54257833
 ID 12.75, OD 19.14, Length 14.00
 Alternative no.: 140656

Pkg. 100


B140657 Bushing

Replacing: 54256132
 ID 12.80, OD 15.95, Length 14.00
 Alternative no.: 140657



Pkg. 100

B140658 Bushing

Replacing: 54255966
 ID 17.07, OD 21.05, Length 22.00
 Alternative no.: 140658

Pkg. 100



B140659 Bushing

Replacing: 54256151
 Servicing: 26025007A, 26925196a,
 26925196B
 ID 28.56, OD/ collar 38.10, OD 31.77,
 Length 13.00, Height/ collar 2.40
 Alternative no.: 140659

Pkg. 100



B140661 Bushing

Replacing: 140661
 ID 19.10, OD/ collar 25.40, OD 22.25,
 Length 20.50, Height/ collar 2.50
 Alternative no.: 140661

Pkg. 100



B140662 Bushing

Replacing: 140662
 ID 12.07, OD 15.05, Length 14.05
 Alternative no.: 140662



Pkg. 100

B140663 Bushing

Replacing: 54264884
 ID 11.17, OD 15.85, Length 12.60
 Alternative no.: 140663

Pkg. 100



B140664 Bushing

Replacing: 140664
 ID 22.35, OD/ collar 31.70, OD 26.25,
 Length 34.00, Height/ collar 5.00
 Alternative no.: 140664

Pkg. 100



B140665 Bushing

Replacing: 140665
 ID 12.09, OD 15.05, Length 7.90
 Alternative no.: 140665

Pkg. 100



B140688 Bushing

Replacing: 140688
 ID 14.32, OD 17.62, Length 22.20
 Alternative no.: 140688



Pkg. 100

B140689 Bushing

Replacing: 140689
 ID 12.09, OD 15.08, Length 19.00
 Alternative no.: 140689

Bearings

Ball Bearings

Pkg. 10



140271 Ball Bearing

Replacing: umb120
 ID 10.00, OD 26.00, Height 8.00

Pkg. 10



140412 Ball Bearing

Replacing: SSP6002
 ID 19.00, OD 37.00, Height 9.00,
 Bushing w/

Needle Bearings

Pkg. 10



141263 Needle Bearing

Replacing: 720000400
 Servicing: 26925159a, 26925159B, 26925159E
 ID 12.50, OD 16.00, Height 9.93, Rolls 18

Repair Kits

233045 Repair Kit

Servicing: M50, M127, 26265, 26273, 26365, 26411, 27408, 27432, 27474

Incl.: HC-CARGO 130879, 131298, 4x HC-CARGO 132209, 135500, 140104, LASX364.

Sundry Parts
C.E. Covers

Pkg. 5


132928 Cap

Servicing: 8M90, 25277, 25281, 25281B, 25326, 25331, 25332, 25335, 25338, 25339, 25344, 25349, 25350, 25351, 25355, 25356, 25357

OD 28.00, Height 14.55

Pkg. 5


133637 Cap

Servicing: 8M90, 9M90

OD 26.80, Height 13.15

Pkg. 5


138884 C.E. Bracket

Servicing: M79, 26587, 26600, 26601, 26602, 26605, 26614, 26616, 26618, 26619, 26622, 26626, 26628, 26648, 26655, 26660, 26667

ID 20.00, OD 32.50, Height 13.50

Gasket: HC-CARGO 138881.


231195 Cover Kit

Replacing: SSP0034, LTH211

Pkg. 10


232065 Dust Cover

Servicing: M79, M80, 26667, 26921, 26929, 26936, 26938, 27022, 27043, 27047

OD 15.80, Height 5.60

Tolerance of thickness is +0.10/-0.05 mm.

O-rings

Pkg. 10


134692 O-ring

Servicing: M127, 26355, 26356, 26388, 26407, 27511, 27554

ID 6.00, Thickness 2.50

Pkg. 10


139839 O-ring

Servicing: 26025007A, 26355, 26356, 26388, 26407, 26925196a, 26925196B

ID 7.00, Thickness 2.50

Thru Bolts

Pkg. 10


232066# Through Bolt

Servicing: 26607, 26692, 26696, 26702, 26715, 26717, 26722, 27045

Total length 136.15, Thread size M6, Thread size/ rear M6

Pkg. 10


232067 Through Bolt

Servicing: 26009, 26801, 26804, 26805, 26806, 26807, 26809, 26810, 26812, 26813, 26815, 26816, 26820, 26823, 26824, 26827, 26829

Total length 151.00, Thread size M6, Thread size/ rear M6


233881# Through Bolt Kit

Replacing: TZT104, SSP0017, 61194016

Servicing: 2M113

Total length 195.45, Thread length 15.55


235008 Through Bolt Kit

Servicing: M50, M127, 26025007A, 26925196a, 26925196B

Thread M8,

Total length 200.60, Thread length 18.90

Various

Pkg. 10



130869 Insulator

Servicing: M35J

Pkg. 10



130871 Terminal Bolt

Replacing: SSP0025, 272022

Servicing: M45G, 26148, 26173, 26196, 26256, 26259, 26267, 26278, 26283, 26321, 26371, 26386, 26400, 26414, 27417, 27478, 27486

Total length 40.55, Thread length 23.60, Thread size 1/4" BSF



130879 Brake Kit

Replacing: TZT110, SSP0027, 54243852

Servicing: M50, 26025007A, 26148, 26186, 26196, 26208A, 26208E, 26209A, 26209E, 26211, 26213, 26215A, 26215F, 26215H, 26227, 26233



131298 Seal Kit

Replacing: ssp0015, SSP0014, 61194014, 61194013, 60600020, 54244971

Servicing: M50, M127, 26025007A, 26213, 26273A, 26273D, 26273E, 26273F, 26273H, 26273M, 26274, 26274A, 26274D, 26274E, 26274F

Pkg. 10



132771 Insulator

Servicing: M35G

Pkg. 10



133914 Star Washer

Replacing: tlb185

Servicing: M35J, K, M78, M79, 5M90, 25137A, 25137E, 25137F, 25137N, 25145A, 25145H, 25145J, 25146A, 25146J, 25146K, 25157A, 25157J

Pkg. 10



134095# Insulator

Servicing: 2M100, 3M100

Pkg. 5



134096 Dust Cover

Servicing: 2M100, 3M100

ID 35.00, OD 24.00, Height 14.50

Pkg. 10



134459 Brass Nut

Replacing: SSP0023, 172580, 134459

Servicing: M35J

Thread 1/4" UNFx28, OD 11.00, Spanner size 7.00/16.00, Lock nut No

Pkg. 10



134460 Brass Nut

Servicing: M35J

Thread M6, OD 10.00, Lock nut No



135122 Screw

Servicing: M35, M45, M50, M418, 26025007A, 26925196a, 26925196B

Thread 3/8" W, Length 7.40, Total length 14.65

Pkg. 5



135123 Insulator

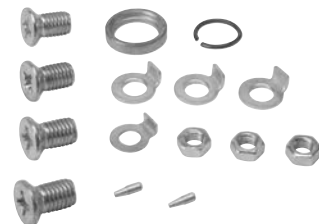
Servicing: M79



135499 Pole Screw Kit

Servicing: M45, 26173, 26256, 26259, 26267, 26321, 26371, 26400, 26925188D, 26925189D, 26925193A, 26925194D, 26925196A, 26925198D

Metric.



135500 Parts Kit

Replacing: tlb189, 54243855

Servicing: M50, M127, 25128A, 25128B, 25130A, 25130B, 26208A, 26208E, 26211A, 26211L, 26211M, 26211T, 26211U, 26213, 26215A

Metric.


135501 Terminal Kit

Servicing: M45, M50, M127

Pkg. 5


135916 Dust Cover

Servicing: M79, 26602, 26607, 26614, 26618, 26619, 26622, 26626, 26692, 26696, 27026, 27045, 27061

Pkg. 5


136272 Gasket

 Servicing: M45G
 Length 352.90, Thickness 1.95,
 Width 39.80 mm

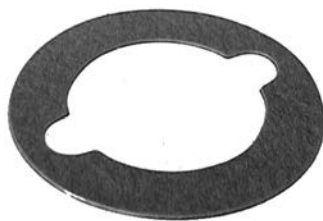
Pkg. 10


136274 Gasket

 Servicing: M50
 Length 75.00, Thickness 0.55,
 Width 8.00 mm

Pkg. 5


136275 Gasket

 Servicing: M45G
 Length 289.00, Thickness 0.50,
 Width 27.80 mm

136277 Gasket

 Servicing: M50
 ID 36.00, OD 58.00, Thickness 0.30

Pkg. 5

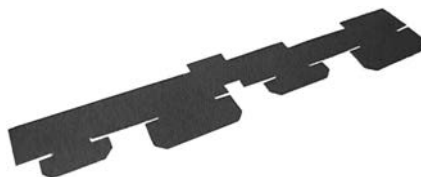


Pkg. 5

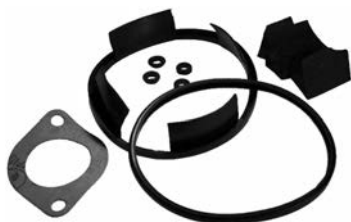
136279 Gasket

 Servicing: M50, 26025007A, 26925196a,
 26925196B
 Length 283.35, Thickness 0.35,
 Width 38.10 mm

Pkg. 5


136322 Insulator

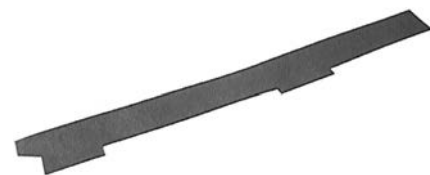
Servicing: 2M113


136339 Sealing Kit

 Replacing: 60600026
 Servicing: M45G, 2M113, 27430

Pkg. 5


136949 Insulator

 Servicing: M50, 26211, 26227, 26265,
 26267, 26291

136950 Insulator

 Servicing: M50, 26211, 26227, 26274,
 26284, 26284E, 26291, 26295, 26312, 26323,
 26345, 26349, 26358, 26366, 26374, 26410,
 26416

Pkg. 5



Pkg. 5

137494 Insulator

Servicing: M50

Pkg. 5


137495 Insulator

 Servicing: 2M113, 26173, 26271, 26278,
 26413, 27413, 27417, 27425, 27432, 27446,
 27460, 27463, 27468, 27478, 27486

Pkg. 10


137532 Nut

 Replacing: SSP0026, 54132580
 Servicing: M35J, 26125, 26126, 26145,
 26148, 26154, 26156, 26163, 26165, 26167,
 26186, 26196, 26200, 26220, 26233, 26264,
 26265
 Thread 1/4" BSF, OD 13.25, Lock nut No

Pkg. 5



138138 Terminal Bolt

Replacing: SSP0024, 256746
 Servicing: M45G, 26125, 26126, 26156, 26163, 26165, 26311, 26341, 26342, 26360, 26373, 26431, 27564, 27595
 Total length 53.00, Thread length 34.65,
 Thread size 1/4" BSF



138683 Stop Collar Kit

Replacing: TLB186
 Servicing: 1108, 26614, 26619, 26622, 26667, 26813, 26834, 26841, 26845, 26903, 26903b, 26903d, 26913, 26935, 26941, 26942, 27022



138840[#] Spring

Replacing: tlb174, tlb172, 270889
 Servicing: M45G, 25521, 25521F, 25533, 25533A, 25533E, 25578, 25578A, 25578B, 25604, 25605A, 25605D, 25607, 25607A, 25611, 25611A
 OD 35.30, Length 47.00

Pkg. 10



138880[#] Snap Ring

Servicing: M78, M79, M80, M35G, 25206, 25250, 25255, 25276, 25288, 25368, 25400, 26587, 26600, 26601, 26602, 26618, 26628, 26648
 Thickness 2.00
 Stop collar: HC-CARGO 235084.

Pkg. 100



192404 Hex Screw

Replacing: 192404
 Servicing: M45G
 Thread 1/4" UNF, DIN norm 933,
 ISO Norm 4017



231194 Stop Collar Kit

Replacing: SSP0033, LTH105
 ID 12.10, OD 17.40, Height 5.00



235083[#] Spring

Replacing: TLB168
 Servicing: M35G, -J
 OD 32.30, Length 27.20

Pkg. 10



235084 Stop Collar

Servicing: M35, M78, M79, M80, 25400, 26648, 26655, 26686, 26925159B, 26925159E
 ID 12.30, OD 17.10, Height 4.00

Armatures
9 Volt

138338 Armature

Servicing: 63217101, 63217105, 63217106, 63217116, 63217118, 63217138, 63217147, 63217152

2.5 kW, Shaft length 295.90,
Core thickness 75.00, No./ splines 12,
Rotation CR
High torque.

12 Volt

130355 Armature

Replacing: 74868551

Servicing: 63220439, E76-0.5/12S-V9

0.5 kW, Shaft length 233.00,
Core thickness 51.75, No./ splines 12,
Rotation ACR


130360 Armature

Replacing: 74861761

Servicing: 63220700, 63220701, 63220703, 63220704, 63220705, 63220706, 63220721, 63220724, 63220732, 63220734, 63220735, 63220740

0.8 kW, Shaft length 250.00,
Core thickness 54.40, No./ splines 12,
Rotation CR


130370 Armature

Replacing: 74874761, 74868531, 74866521

Servicing: 63222243, 63222408, 63222430, 63222435, 63222437, 63222438, 63222439, 63222453, 63222506, 63222531, 63222532, 63222536

1.3 kW, Shaft length 268.55, Rotation CR,
Core thickness 67.00, No./ splines 12


130386 Armature

Replacing: 72386803, 72386801

Servicing: 63216800, 63216808, 63216814, 63216815, 63216816, 63216825, 63216826, 63216827, 63216851, 63216852, 63216873, 63216876

3.5 kW, Shaft length 321.00, Rotation CR,
Core thickness 75.00, No./ splines 12


130945 Armature

Replacing: 74870031, 74869671

Servicing: 63201000, 63201001, 63201002, 63201003, 63201004, 63201005, 63201030, 63201050, 63201100, 63220107, 63220108, 63220137

0.5 kW, Shaft length 230.00, Rotation ACR,
Core thickness 51.75, No./ splines 2


131132 Armature

Replacing: 74892151, 74886931

Servicing: 63220507, 63220536, 63220537, 63220538

0.5 kW, Shaft length 232.80, Rotation CR,
Core thickness 51.70, No./ splines 12


131472 Armature

Replacing: 72163701

Servicing: 63217126, 63217148, 63217154, 63217156, 63217158, 63217163, 63217186, 63217188, 63217407, 63217408, 63217410, 63217433

2.5 kW, Shaft length 292.00, Rotation CR,
Core thickness 75.00, No./ splines 12


131668 Armature

Replacing: 74880991

Servicing: 63221300, 63221302, 63221303, 63221330, 63221332, 63221333, 63221338, 63221400, 63221401, 63221430, 63221431, 63221531

0.9 kW, Shaft length 220.00,
Core thickness 60.00, No./ splines 12,
Rotation CR


131670 Armature

Replacing: 72382301

Servicing: 63217101, 63217104, 63217105, 63217106, 63217107, 63217110, 63217116, 63217117, 63217118, 63217119, 63217120, 63217121

2.5 kW, Shaft length 296.00,
Core thickness 75.00, No./ splines 12,
Rotation CR


132615 Armature

Replacing: 74893711

Servicing: 63101003, 63221800, 63221830, 63221832, 63221834, 63221890, 63221892

0.8 kW, Shaft length 185.50, Rotation CR,
Core thickness 60.00, No./ splines 12



132619 Armature

Replacing: 74891011

Servicing: 63221403, 63221404, 63221408, 63221433, 63221434, 63221436, 63221438, 63221500, 63221530, 63221533, 63221539, 63221630

1.1 kW, Shaft length 231.40, Rotation CR, Core thickness 59.85, No./ splines 10



132817 Armature

Replacing: 74899021, 74894221

Servicing: 50246416, 63114008, 63114010, 63114014, 63114017, 63221801, 63221831, 63222000, 63222001, 63222005, 63222030, 63222031

2.2 kW, Shaft length 134.20, Core thickness 58.95, No./ teeth 11, Rotation CR/ACR



132849 Armature

Replacing: 74888921

Servicing: 63223203, 63223233, 63223236, 63223237, 63223238, 63223239, 63223330, 63223331, 63223332

1.6 kW, Shaft length 266.50, Rotation CR, Core thickness 64.90, No./ splines 10



133567 Armature

Replacing: 83225372, 83220031

Servicing: 50246532, 50246648, 63222831, 63222832, 63222833, 63222836, 63222837, 63222838, 63222897, 63223031, 63223032, 63223033

1 kW, Shaft length 216.30, Rotation CR, Core thickness 51.45, No./ splines 12



133955 Armature

Replacing: 72169501, 72162601

Servicing: 63216731, 63216817, 63216818, 63216831, 63216852, 63216884, 63216896, 63616896, MT68AD, MT68LC, MT68PB, MT68RA, MT68T

3.5 kW, Shaft length 317.50, Rotation CR, Core thickness 74.95, No./ splines 12



133970 Armature

Replacing: 72378301

Servicing: 63216802, 63216833, 63616831

3.5 kW, Shaft length 328.00, Core thickness 75.00, No./ splines 12, Rotation CR



134122 Armature

Replacing: 74895901, 74845901

Servicing: 63224600, 63224602, M125M3-Z9(3/12)

3 kW, Shaft length 336.60, Core thickness 82.60, No./ splines 12, Rotation CR



134365# Armature

Replacing: 83222921, 83220271

Servicing: 63111000, 63223430, 63223431, 63223432, 63223433, 63223434, 63223435, 63223436, 63223438, 63223494, 63223530, 63223531

1 kW, Shaft length 142.50, Core thickness 47.40, No./ teeth 11, Rotation CR/ACR



134653 Armature

Replacing: 74885041

Servicing: 63221304, 63221305, 63221437, 63221535

0.9 kW, Shaft length 223.60, Rotation CR, Core thickness 59.90, No./ splines 12



135620 Armature

Replacing: 86226811, 83227678, 83226811, 83226536, 83225727, 83225127

Servicing: 63101000, 63101002, 63101008, 63102003, 63102004, 63102007, 63102008, 63103002, 63103003, 63103007, 63103008, 63103015

1 kW, Shaft length 202.40, Rotation CR, Core thickness 51.45, No./ splines 12



136643 Armature

Replacing: 74891351

Servicing: 63221405, 63221435, 63221536

1.1 kW, Shaft length 231.50, Core thickness 59.90, No./ splines 10, Rotation ACR



138443 Armature

Replacing: 83225758

Servicing: 30000A, 30001A, 30002A, 30003A, 63223103, 63223104, 63223182, 63230001, 63230003, 63293103, 63293104

0.8 kW, Shaft length 218.45, Core thickness 51.55, No./ splines 12, Rotation ACR


138526 Armature

Replacing: 83227126

Servicing: 63111001, 63111005, 63111006, 63111007, 63111008, 63111009, 63111010, 63111016, 63111017, 63111018, 63111023, 63111027

 1.4 kW, Shaft length 120.00,
Core thickness 47.45, No./ teeth 11

231159 Armature

Replacing: 83226316

Servicing: 63113001, 63113002, 63113003, 63113004, 63193001

 1.8 kW, Shaft length 130.50,
Core thickness 48.50, No./ teeth 11

234093 Armature

Replacing: 83225937

 Servicing: 63102000, 63192000, 63223106
0.9 kW, Shaft length 202.90,
Core thickness 51.45, No./ splines 12,
Rotation CR

235469 Armature

Replacing: 83225702

Servicing: 63223039, 63293039

 0.9 kW, Shaft length 195.30,
Core thickness 51.60, No./ splines 12

235470# Armature

Replacing: 74887441

 Servicing: 63221303, 63221333, 63321303
0.9 kW, Shaft length 225.50,
Core thickness 60.00, No./ splines 12,
Rotation CR

235662 Armature

Servicing: 63280040

 3 kW, Shaft length 147.00,
Core thickness 59.00, No./ teeth 14

237078 Armature

 Servicing: 063102018010, 063102021010,
63101015, 63101018, 63101021, 63101022,
63101023, 63102020, 63102022, 63103024

 0.9 kW, Shaft length 187.00,
Core thickness 51.50, No./ splines 12,
Rotation CR

238843 Armature

Servicing: 63103031

 1 kW, Shaft length 202.00,
Core thickness 51.58, No./ splines 12,
No./ teeth 10

24 Volt

130216 Armature

Replacing: 72361301

 Servicing: 63216701, 63216725
4 kW, Shaft length 316.90,
Core thickness 75.00, No./ splines 12,
Rotation CR

130218 Armature

Replacing: 72387301

 Servicing: 63217201, 63217225, MT72A,
MT72AA

 3 kW, Shaft length 295.40,
Core thickness 75.00, No./ splines 12,
Rotation CR

130347 Armature

Replacing: 74899901

 2.3 kW, Shaft length 298.00,
Core thickness 74.90, No./ splines 3,
Rotation CR
w/ 12 splines: HC-CARGO 134641.

131470 Armature

Replacing: 72163201

 Servicing: 63216731, 63216741, MT67AA,
MT67AD, MT67CB

 4 kW, Shaft length 317.55,
Core thickness 75.00, No./ splines 12,
Rotation CR


132773 Armature

Replacing: 74732201

 Servicing: 63225301, 63225303, 63225391
 8 kW, Shaft length 504.50,
 Core thickness 84.60, No./ splines 6,
 Rotation CR/ACR

132951 Armature

Replacing: 72386601

 Servicing: 63216703, 63216725, 63216726,
 63216727, 63216740, MT67A, MT67AB,
 MT67C, MT67CA

 4 kW, Shaft length 321.00,
 Core thickness 74.90, No./ splines 12,
 Rotation CR

133030 Armature

Replacing: 72161601

Servicing: 63217226, MT72AB

 3 kW, Shaft length 292.20,
 Core thickness 75.00, No./ splines 12,
 Rotation CR

134641 Armature

Replacing: 74700901

 Servicing: 63221535, 63223800, 63223802,
 63223807, 63223830, 63223832

 2.3 kW, Shaft length 298.60,
 Core thickness 74.85, No./ splines 12,
 Rotation CR
 w/ 3 splines: HC-CARGO 130347.

230746 Armature

Replacing: 72391701

 Servicing: 63216704, 63216706, 63216710,
 63216738, 63216747, 63216748, 63216763

 4 kW, Shaft length 350.58,
 Core thickness 75.00, No./ splines 12,
 Rotation CR

Field Cases

136143 Field Case

Replacing: 83223311, 83221651, 83220991

 Servicing: 50246532, 50246648, 63222831,
 63222832, 63222833, 63222836, 63222837,
 63222838, 63223031, 63223032, 63223033,
 63223034

 12 V, 0.8/1 kW, OD/ middle 80.45,
 Length 76.00, Brush gear w/o,
 Magnets w/o

138536 Field Case

Replacing: 83226348, 83225146

 Servicing: 30000A, 30001A, 63101000,
 63101002, 63101008, 63222888, 63222889,
 63222905, 63222908, 63222909, 63222936,
 63223104

 12 V, 0.8 kW, OD/ middle 80.50,
 Length 70.60, Brush gear w/o,
 Magnets w/o

 Field coil: HC-CARGO 135621. Brush: HC-
 CARGO JSX38-412.

139625 Field Case

Replacing: 83226564

Servicing: 63114014, 63280040

 12 V, 2.6 kW, OD/ middle 94.50,
 Length 75.25, Brush gear w/o,
 Magnets w/o

 Field coil only: HC-CARGO 234092. Brush set:
 HC-CARGO JSX53-54.

Field Coils
12 Volt

130325 Field Coil

Replacing: 70494804, 70494803

 Servicing: 63213853, 63213855, 63216225,
 63216233

 12 V, 3 kW, Height 116.00,
 Internal height 71.25, Inner width 28.65

130359# Field Coil

Replacing: 74860061

 Servicing: 63220700, 63220701, 63220703,
 63220704, 63220705, 63220706, 63220721,
 63220724, 63220732, 63220734, 63220735,
 63220740

 12 V, 0.8 kW, Height 80.45,
 Width 166.00, Internal height 55.25,
 Inner width 16.35



130368 Field Coil

Replacing: 74866471

Servicing: 63103002, 63222408, 63222438, 63222506, e100-1.3/12v8

12 V, 1.3 kW, Height 93.80, Internal height 62.45, Inner width 24.20



130369 Field Coil

Replacing: 74866481

Servicing: 63103002, 63222408, 63222438, 63222506, e100-1.3/12v8

12 V, 1.3 kW, Height 97.20, Internal height 62.25, Inner width 24.30



131314 Field Coil

Replacing: 60737105

12 V, 2.3/2.7 kW, Height 113.55, Internal height 72.85, Inner width 33.00



131474 Field Coil

Replacing: 72166001

Servicing: 63217126, 63217148, 63217154, 63217188, 63217410, MT71AB, MT71DB, MT71TA, MT74L

12 V, 2.5 kW, Height 105.55, Internal height 70.25, Inner width 27.30



131680 Field Coil

Replacing: 72381901, 72142401

Servicing: 63217101, 63217104, 63217105, 63217118, 63217119, 63217120, 63217121, 63217125, 63217147, MT71A, MT71AA, MT71D, MT71DA

12 V, 2.5 kW, Height 119.90, Internal height 73.00, Inner width 27.45



134017 Field Coil

Replacing: 74890961

Servicing: 63221403, 63221404, 63221405, 63221408, 63221433, 63221434, 63221435, 63221436, 63221438, 63221500, 63221530, 63221533

12 V, 1.1 kW, Height 75.00, Internal height 46.90, Inner width 21.45, Rotation ACR



134044 Field Coil

Replacing: 74888361, 74885011, 74880921

Servicing: 63221300, 63221302, 63221303, 63221308, 63221322, 63221330, 63221332, 63221333, 63221334, 63221335, 63221400, 63221401

12 V, 0.9 kW, Height 78.40, Internal height 41.35, Inner width 19.95



135621 Field Coil

Servicing: 30000A, 30001A, 63101002, 63101008, 63222888, 63222889, 63222905, 63222908, 63222909, 63222936, 63223104, 63223109

12 V, 0.8 kW, Height 78.55, Width 162.00, Internal height 46.80, Inner width 16.65
Field coil w/ yoke: HC-CARGO 138536.



136625 Field Coil

Replacing: 74898981, 74894121

Servicing: 63114008, 63221801, 63221831, 63222000, 63222001, 63222030, 63222031, 63222034, 63222035, 63222036, 63222038, 63222039

12 V, 2.2 kW, Height 71.80, Width 190.00, Internal height 43.30, Inner width 19.55

Brush set: HC-CARGO JSX31-32.



139497 Field Coil

Replacing: 72165801

Servicing: 63216831, 63216861, 63216896, MT68AD, MT68LC

12 V, 3.5 kW, Height 121.30, Internal height 87.50, Inner width 27.80



234092 Field Coil

Servicing: 63114014, 63280040

12 V, 2.6 kW, Height 77.65, Internal height 42.20, Inner width 21.20



235370 Field Coil

Replacing: 83226557

Servicing: 63111005, 63111008, 63111017, 63111018, 63111023, 63111037, 63111043, 63223536

12 V, 108 Amp, 1.3 kW, Height 63.80, Width 159.00, Internal height 38.00, Inner width 16.00

24 Volt



130215# Field Coil

Replacing: 72385201, 72360401, 72144701, 72144501

Servicing: 63216701, 63216703, 63216725, 63216726, 63216727, 63216740, MT67A, MT67AB, MT67C, MT67CA

24 V, 4 kW, Height 132.50, Internal height 88.00, Inner width 27.50



131473 Field Coil

Replacing: 72165901

Servicing: 63216731, 63216741, MT67AA, MT67AD, MT67CB

24 V, 4 kW, Height 122.55, Internal height 88.40, Inner width 28.65



133059 Field Coil

Replacing: 74893931

Servicing: 63101003, 63221800, 63221830, 63221832, 63221834, 63221890

12 V, 0.8 kW, Height 62.15, Width 202.90, Internal height 35.30, Inner width 21.20



133595 Field Coil

Replacing: 72165701

Servicing: 63217226, MT72AB

24 V, 3 kW, Height 103.70, Internal height 70.15, Inner width 27.50



134910# Field Coil

Replacing: 72387101, 72146501

Servicing: 63217201, 63217225, MT72A, MT72AA

24 V, 3 kW, Height 110.60, Internal height 71.10, Inner width 27.45

C.E. Brackets



134432# C.E. Bracket

Replacing: 74861771

Servicing: 63220700, 63220701, 63220703, 63220704, 63220705, 63220706, 63220721, 63220724, 63220732, 63220734, 63220735, 63220740



136163 C.E. Bracket

Replacing: 72163904, 72163903

Servicing: 63216741, 63216896, 63217148, 63217158, 63217410, MT67CB, MT68LC, MT71DB, MT74L

ID 105.00



136206 C.E. Bracket

Replacing: 83225386, 83225272, 83221161

Servicing: 50246532, 50246648, 63222831, 63222832, 63222833, 63222836, 63222837, 63222838, 63222897, 63223031, 63223032, 63223033



136223 C.E. Bracket

Replacing: 72163901

Servicing: 63216731, 63216831, 63216861, 63217126, 63217226, MT67AA, MT67AD, MT68AD, MT71AB, MT72AB



136974 C.E. Bracket

Replacing: 72163906

Servicing: 63216852, 63216884, 63217156, 63217163, MT68PB, MT68RA, MT68T

ID 106.00



136975 C.E. Bracket

Replacing: 72163902

Servicing: 63217154, MT71TA



138556 C.E. Bracket

Replacing: 83226699, 83225970, 83225135

Servicing: 63101000, 63101002, 63101008, 63101022, 63101023, 63102000, 63102003, 63102004, 63102007, 63102008, 63103002, 63103003

ID 75.00



231941 C.E. Bracket

Replacing: 83226889
 Servicing: 63114014
 ID 91.00



235301 C.E. Bracket

Replacing: 83226713, 83225622, 74899041
 Servicing: 63114008, 63114010, 63114017, 63222005, 63222035
 ID 91.50
 Bushing: HC-CARGO 140430.

D.E. Brackets



135764 D.E. Bracket

Replacing: 85541475
 Servicing: M50, 63227500, 63227569



136203 D.E. Bracket

Replacing: 72362308, 72362307, 72143107, 72143106, 72143105, 72143104, 72143103, 72143101
 Servicing: 63216731, 63216800, 63216825, 63216826, 63216827, 63216831, 63217121, 63217125, 63217126, 63217201, 63217225, 63217226



136865[#] D.E. Bracket

Replacing: 85541458
 Servicing: M50, M127, 63227501



136878 D.E. Bracket

Replacing: 85541483
 Servicing: M50, M127, 63227510, 63227572, 63227578, 63227583, 63227591, 63227594, 63227599



137025 D.E. Bracket

Replacing: 72388401, 72157902, 72157901
 Servicing: 63216703, 63216740, 63216741, MT67CA, MT67CB



137027 D.E. Bracket

Replacing: 72388403, 72143301
 Servicing: 63217104, 63217107, 63217147, MT71D, MT71DA, MT71DB



137213 D.E. Bracket

Replacing: 72142003, 72134003, 72134002
 Servicing: 63216814, 63216876, 63216884, 63217106, MT68P, MT68PA, MT68PB



138351 D.E. Bracket

Replacing: 85541472, 85541456
 Servicing: M50, M127, 63227541, 63227547, 63227565, 63227568, 63227590, 63227598



138434 D.E. Bracket

Replacing: 85541453
 Servicing: M127-2.8 kW, 63227502, 63227518, 63227570, 63227574, 63227585, 63227588, 63227592, 63227596



138442 D.E. Bracket

Replacing: 86226816, 83226816, 83226539, 83225641, 83225153
 Servicing: 63103002, 63103003, 63103007, 63103022, 63222901, 63223085, 63223101, 63223303



139032 D.E. Bracket

Replacing: 85541468, 85541465, 85541336
 Servicing: M127, 63227510, 63227553, 63227564, 63227565, 63227571, 63227588, 63227590, 63227596, 63227600, 63227602, 63227603



139629 D.E. Bracket

Replacing: 83226888
Servicing: 63114014



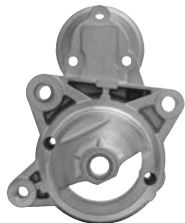
235122 D.E. Bracket

Replacing: 83226437
Servicing: 63102008, 63222900



235302 D.E. Bracket

Servicing: 63114017, 63222005



235304 D.E. Bracket

Replacing: 83226116, 83225846
Servicing: 63102003, 63102004
Bushing: HC-CARGO 140050.

I.M. Brackets



231024 I.M. Bracket

Replacing: 72364801
Servicing: 63216800, 63216815, 63216825, 63216826, 63216827, 63216851, 63216876, MT62BA, MT68A, MT68AA, MT68AB, MT68AC, MT68PA

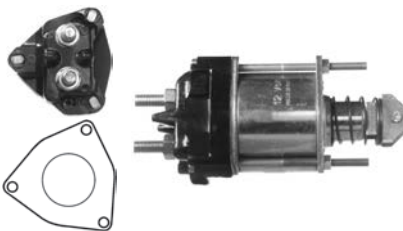
Solenoids

12 Volt



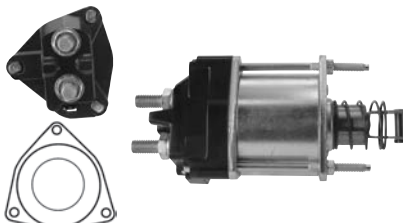
130281 Solenoid

Replacing: ie14aa, 63631425
Servicing: 63213853, 63213855, 63216225, 63216233
12 V, B+ Cable, OD 85.90,
Total length 93.80



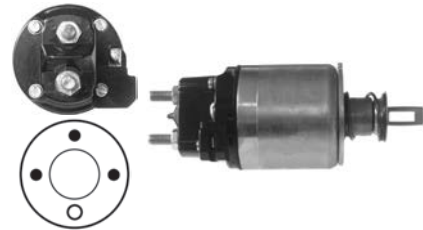
130361 Solenoid

Replacing: 63600506, 63600504, 63600502
12 V, B+ M8, OD 55.00,
OD/ cover 66.45, Total length 150.00,
Height/ B+ 22.50, Coil bolt M8,
Coil bolt 2 22.50, No./ terminals 3
Cap: HC-CARGO 131326.



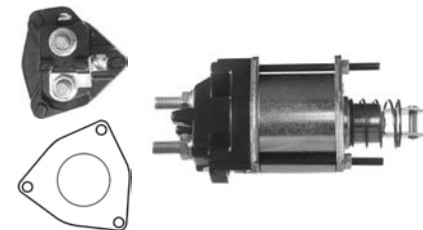
130367 Solenoid

Replacing: 63600507
Servicing: 63222400, 63222430, 63222700, 63222701, 63222730, 63222731
12 V, B+ M8, Kl. 50 6.30, ID/ cover 24.80,
OD 57.90, OD/ cover 49.70,
Total length 143.70, Height/ B+ 18.50,
Width/ kl. 50 9.90, Coil bolt M8,
Coil bolt 2 18.50, No./ terminals 3
Cap: HC-CARGO 131324.



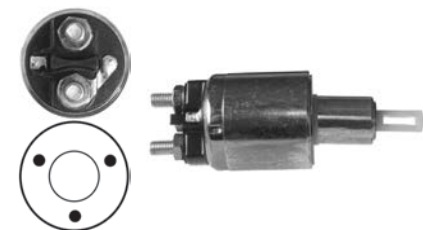
130373 Solenoid

Replacing: 63602290, 63602200
Servicing: 63224600, 63224602, 63224691, M125M3-Z9(3/12)
12 V, B+ M8, Kl. 50 6.30, OD 68.45,
OD/ cover 67.00, Total length 179.55,
Height/ B+ 20.90, Coil bolt M8,
Coil bolt 2 20.90, No./ terminals 3
Cap: HC-CARGO 131327.



130377 Solenoid

Replacing: 63902000, 63600400
Servicing: 63220700, 63220701, 63220703, 63220721, 63220743, E84-0.8/12V1, E84-0.8/12V3
12 V, B+ M8, Kl. 50 6.30, OD 54.70,
OD/ cover 64.35, Total length 148.85,
Height/ B+ 22.40, Width/ kl. 50 22.80,
Coil bolt M8, Coil bolt 2 22.40,
No./ terminals 3
Cap: HC-CARGO 131325.



130830 Solenoid

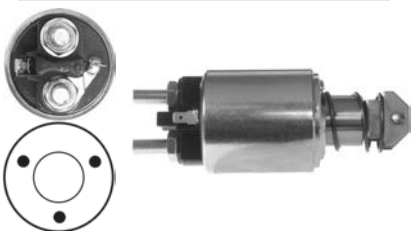
Replacing: ie36a, 63633603, 63633601, 63602302
Servicing: 63216800, 63216808, 63216825, 63216826, 63216827, 63216873, 63217104, 63217105, 63217107, MT62BA, MT68A, MT68AA, MT68AB
12 V, B+ M10, Kl. 50 6.30,
ID/ cover 30.60, OD 61.10,
OD/ cover 53.55, Total length 142.55,
Height/ B+ 21.00, Width/ kl. 50 9.45,
Coil bolt M10, Coil bolt 2 21.00,
No./ terminals 3
Cap: HC-CARGO 131329. Moving contact: HC-CARGO 132248.


130848 Solenoid

Replacing: 74870151

Servicing: 63201000, 63201001, 63201002, 63201003, 63201004, 63201005, 63201100, 63201101, 63220107, 63220108, 63220137, 63220138

12 V

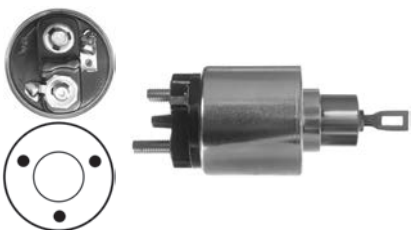

131112 Solenoid

Replacing: ie38aaa, 85540221, 85540011, 79036683, 63693801, 63633825, 63633806, 63633801

Servicing: 63216800, 63216815, 63216825, 63216826, 63216827, 63216831, 63216833, 63216851, 63216859, 63216861, 63216874, 63216896

12 V, B+ M10, KI. 50 6.30, OD 61.00, Total length 159.00, Height/ B+ 20.70, Width/ kl. 50 6.20, Coil bolt M10, No./ terminals 3

Cap: HC-CARGO 131329. Moving contact: HC-CARGO 132248.


131143 Solenoid

Replacing: 82368225

12 V, B+ M8, KI. 50 6.30, ID/ cover 27.10, OD 56.35, OD/ cover 49.35, Total length 140.80, Height/ B+ 20.00, Width/ kl. 50 12.50, Coil bolt M8, Coil bolt 2 12.60, No./ terminals 3

Cap: HC-CARGO 131315.

Alternative no.: 333147

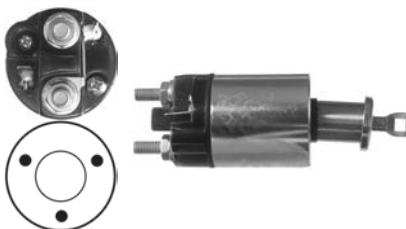

131437 Solenoid

Replacing: 85540911, 85540721, 85540281, 85530290, 85530280, 63600508, 63600505, 63600493, 63600483, 63600403

Servicing: 63206002, 63206003, 63220408, 63220430, 63220432, 63220433, 63220438, 63220439, 63220537, 63220538, 63220700, 63220701

12 V, B+ M8, KI. 50 6.30, ID/ cover 22.00, OD 50.40, OD/ cover 50.40, Total length 127.50, Height/ B+ 21.45, Width/ kl. 50 13.95, Coil bolt M8, Coil bolt 2 23.00, No./ terminals 3

Cap: HC-CARGO 132229. Moving contact: HC-CARGO 132246.

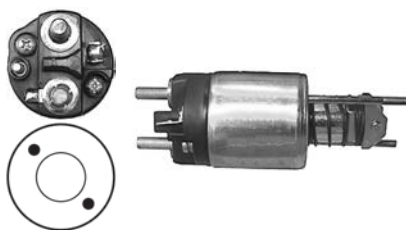

131589 Solenoid

Replacing: 85540071, 63601600

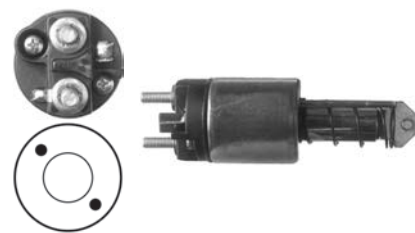
Servicing: 63221800, 63221830, 63223438

12 V, B+ M8, KI. 50 6.30, ID/ cover 22.15, OD 50.15, OD/ cover 50.15, Total length 124.55, Height/ B+ 20.60, Width/ kl. 50 14.15, Coil bolt M8, Coil bolt 2 20.60, No./ terminals 3

Cap: HC-CARGO 132250. Moving contact: HC-CARGO 132251.


132137 Solenoid

 Replacing: 85540301, 85530000, 63600800
 Servicing: 63221300, 63221330, 63221401, 63221431

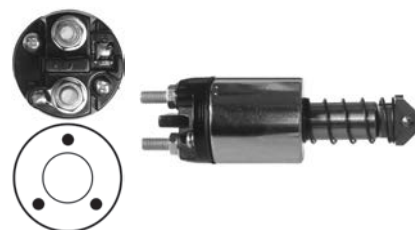
 12 V, B+ M8, KI. 15a M5, KI. 50 6.30, ID/ cover 23.20, OD 52.30, OD/ cover 50.30, Total length 147.25, Height/ B+ 18.75, Width/ kl. 15a 7.25, Width/ kl. 50 15.55, Coil bolt M8, Coil bolt 2 18.90, No./ terminals 4
 Cap: HC-CARGO 132138.

132227 Solenoid

Replacing: 85540591, 85530010, 63600802

Servicing: 63220506, 63220536, 63220901, 63220931, 63221303, 63221309, 63221333, 63221338, 63221404, 63221431, 63221434, 63221637

12 V, B+ M8, KI. 50 6.30, ID/ cover 23.20, OD 52.20, OD/ cover 50.00, Total length 148.30, Height/ B+ 19.30, Width/ kl. 50 14.70, Coil bolt M8, Coil bolt 2 19.85, No./ terminals 3

Cap: HC-CARGO 132229. Moving contact: HC-CARGO 132246.

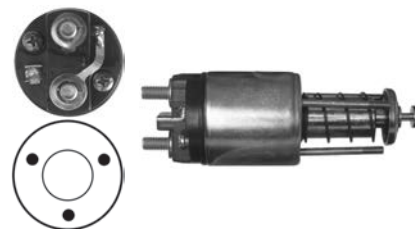

132228 Solenoid

Replacing: 85540561, 85540001, 85530330, 63601768, 63600901

Servicing: 50246416, 63220932, 63221400, 63221403, 63221405, 63221430, 63221433, 63221435, 63221436, 63221438, 63221500, 63221530

12 V, B+ M8, KI. 50 6.30, ID/ cover 22.00, OD 20.25, OD/ cover 50.35, Total length 127.55, Height/ B+ 20.85, Width/ kl. 50 14.45, Coil bolt M8, Coil bolt 2 21.70, No./ terminals 3

Cap: HC-CARGO 132229. Moving contact: HC-CARGO 132246.


132249 Solenoid

Replacing: 85540371, 63601700

Servicing: 63221834, 63221890

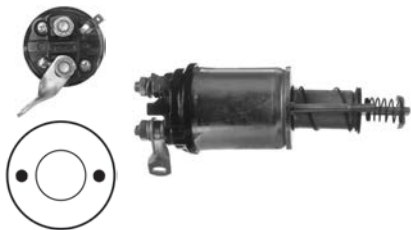
12 V, B+ M8, KI. 50 6.30, ID/ cover 23.00, OD 52.30, OD/ cover 49.55, Total length 133.50, Height/ B+ 14.00, Width/ kl. 50 15.35, Coil bolt M8, Coil bolt 2 14.75, No./ terminals 3

Cap: HC-CARGO 231816. Moving contact: HC-CARGO 132251.



133083 Solenoid

Replacing: 85540581, 63600900
 Servicing: 63221831, 63222000, 63222030, 63222031, 63222034, 63222036, 63222038, 63222039, 63222130, 63222133, 63222134
 12 V, B+ M8, Kl. 50 6.30,
 ID/ cover 22.25, OD 50.25,
 OD/ cover 50.30, Total length 127.00,
 Height/ B+ 21.25, Width/ kl. 50 14.00,
 Coil bolt M8, Coil bolt 2 22.70,
 No./ terminals 3
 Cap: HC-CARGO 133229.



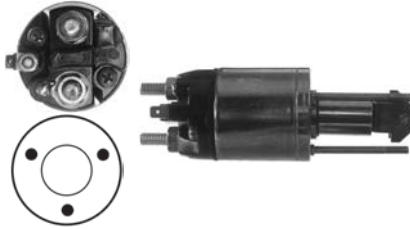
133531 Solenoid

Replacing: 85541325, 85541322, 85541320
 Servicing: M127, 63227500, 63227502, 63227510, 63227518, 63227528, 63227539, 63227541, 63227547, 63227564, 63227565, 63227568
 12 V, B+ M8, Kl. 50 6.30,
 ID/ cover 25.90, OD 53.85,
 OD/ cover 60.00, Total length 181.00,
 Height/ B+ 13.00, Width/ kl. 50 14.00,
 Coil bolt M8, Coil bolt 2 13.00,
 No./ terminals 3
 Cap: HC-CARGO 131015.



133566 Solenoid

Replacing: 85540991, 85540473, 85540471, 85540231, 063601962000
 Servicing: 50246532, 63221832, 63221892, 63222831, 63222832, 63222833, 63222836, 63222837, 63222897, 63223031, 63223032, 63223033
 12 V, B+ M8, Kl. 50 6.30,
 ID/ cover 23.20, OD 52.40,
 OD/ cover 50.10, Total length 141.00,
 Height/ B+ 19.00, Width/ kl. 50 21.55,
 Coil bolt M8, Coil bolt 2 19.00,
 No./ terminals 3
 Cap: HC-CARGO 133229.



134862 Solenoid

Replacing: 85540461
 Servicing: 63221305, 63221437, 63221535
 12 V, B+ M8, Kl. 15a 6.30,
 Kl. 50 6.30, ID/ cover 23.00, OD 51.70,
 OD/ cover 50.35, Total length 147.30,
 Height/ B+ 22.00, Width/ kl. 15a 12.40,
 Width/ kl. 50 10.15, Coil bolt M8,
 Coil bolt 2 21.15, No./ terminals 4
 Cap: HC-CARGO 136055.



134888 Solenoid

Replacing: 85541323
 Servicing: M127/2.8 kW, 63227501, 63227508, 63227567, 63227575, 63227586, 63327575, 63327586
 12 V, B+ M10, Kl. 50 6.30,
 ID/ cover 26.00, OD 53.60,
 OD/ cover 59.70, Total length 181.45,
 Height/ B+ 24.55, Width/ kl. 50 23.55,
 Coil bolt M8, Coil bolt 2 19.65,
 No./ terminals 3
 Cap: HC-CARGO 132270.



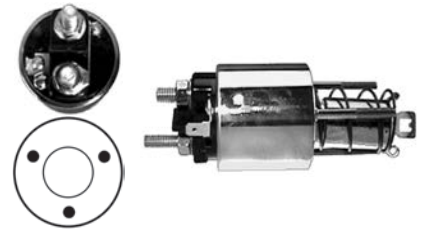
136164 Solenoid

Replacing: 85540711
 Servicing: 63222035, 63292035
 12 V, B+ M8, Kl. 30h M5, Kl. 50 M6,
 ID/ cover 23.20, OD 51.50,
 OD/ cover 54.25, Total length 131.90,
 Height/ B+ 14.55, Width/ kl. 30h 8.20,
 Width/ kl. 50 10.15, Coil bolt M8,
 Coil bolt 2 13.70, No./ terminals 4
 Cap: HC-CARGO 231582. w/ 30H terminal.



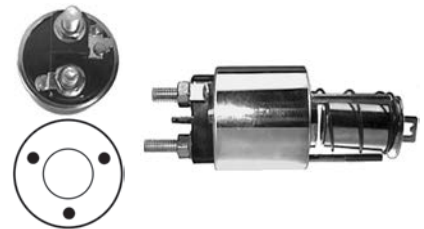
136889 Solenoid

Replacing: 77222
 Servicing: M78R, 63226848
 12 V, OD 46.00, Total length 126.00,
 No./ terminals 3
 Cap: HC-CARGO 136892.



137190 Solenoid

Replacing: 85541410, 85540981
 Servicing: 63222889, 63222900, 63222936, 63223109
 12 V, B+ M8, Kl. 50 6.30,
 ID/ cover 25.25, OD 53.90,
 OD/ cover 46.80, Total length 126.55,
 Height/ B+ 23.70, Width/ kl. 50 13.80,
 Coil bolt M8, Coil bolt 2 11.40,
 No./ terminals 3
 Cap: HC-CARGO 137347.



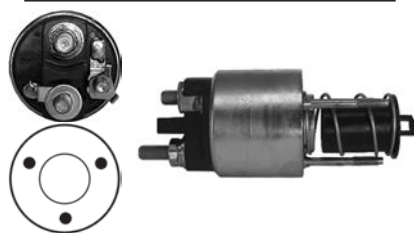
137191 Solenoid

Replacing: 85541820, 85541430, 85540961
 Servicing: 63222900, 63223085, 63223303
 12 V, B+ M8, Kl. 50 6.30,
 ID/ cover 25.20, OD 53.80,
 OD/ cover 49.00, Total length 126.70,
 Height/ B+ 26.40, Width/ kl. 50 13.90,
 Coil bolt M8, Coil bolt 2 15.00,
 No./ terminals 3
 Cap: HC-CARGO 139602.


137790 Solenoid

Replacing: 85541020, 63601966, 63601963
 Servicing: 63223435

12 V, B+ M8, Kl. 30h M5, Kl. 50 M6,
 ID/ cover 23.25, OD 52.00,
 OD/ cover 52.75, Total length 141.60,
 Height/ B+ 14.15, Width/ kl. 30h 8.15,
 Width/ kl. 50 9.30, Coil bolt M8,
 Coil bolt 2 14.00, No./ terminals 4
 Cap: HC-CARGO 231880. w/ 30H terminal.

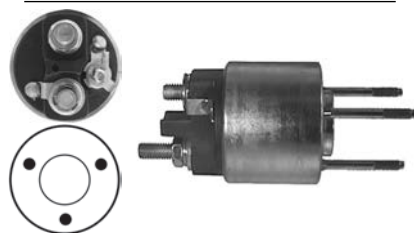

138444 Solenoid

Replacing: 85541670, 85541420, 85541003,
 85511103, 63602106

Servicing: 63102008, 63103002, 63103003,
 63103007, 63103008, 63111007, 63111008,
 63111018, 63111023, 63111037, 63111043,
 63112003

12 V, B+ M8, Kl. 50 M6,
 ID/ cover 25.00, OD 53.90,
 OD/ cover 46.90, Total length 118.85,
 Height/ B+ 16.40, Width/ kl. 50 11.95,
 Coil bolt M8, Coil bolt 2 10.40,
 No./ terminals 3

Cap: HC-CARGO 139602. Moving contact: HC-CARGO 233969.

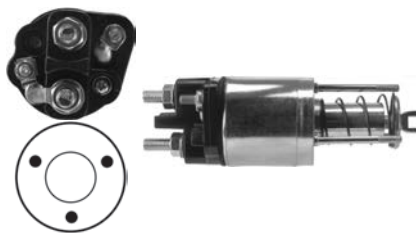

138477 Solenoid

Replacing: 85541717, 63602502, 63602404,
 63602109

Servicing: 63114008, 63114010, 63114014,
 63280040

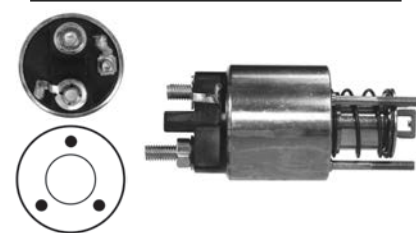
12 V, B+ M8, Kl. 50 M6, OD 54.50,
 OD/ cover 47.50, Height/ B+ M8,
 Width/ kl. 50 10.00, No./ terminals 3

Cap: HC-CARGO 139602. Moving contact: HC-CARGO 137348.


138522 Solenoid

Replacing: 85541060, 85540841
 Servicing: 63223433

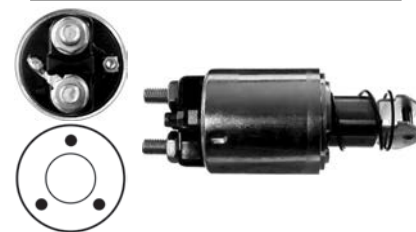
12 V, B+ M8, Kl. 15a M5, Kl. 50 M6,
 ID/ cover 23.00, OD 51.65,
 OD/ cover 51.35, Total length 149.20,
 Height/ B+ 18.10, Width/ kl. 15a 7.85,
 Width/ kl. 50 10.10, Coil bolt M8,
 Coil bolt 2 22.70, No./ terminals 4
 Cap: HC-CARGO 231582. w/ 30H terminal.


138531 Solenoid

Servicing: 63223039, 63293039

12 V, B+ M8, Kl. 50 M6,
 ID/ cover 25.35, OD 54.00,
 OD/ cover 47.40, Total length 124.55,
 Height/ B+ 20.90, Width/ kl. 50 11.75,
 Coil bolt M8, Coil bolt 2 10.40,
 No./ terminals 3

Terminal: HC-CARGO 231863.


138753 Solenoid

Replacing: 85540031, 63633804

Servicing: 63216816, 63216818, 63216852,
 63216876, 63216884, 63217138, 63217156,
 63217163, 63217173, 63217180, 63217401,
 63217402

12 V, B+ M10, Kl. 50 6.30,
 OD 60.90, Total length 160.00,
 Height/ B+ 15.30, Width/ kl. 50 6.30,
 No./ terminals 3

Cap: HC-CARGO 139141.

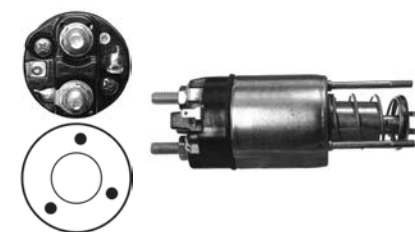

139104 Solenoid

Replacing: 85540922

Servicing: 63222038, 63222131, 63222134,
 63222135, 63222136, 63222138, 63222204,
 63222206

12 V, B+ M8, Kl. 50 M6,
 ID/ cover 23.30, OD 51.60,
 OD/ cover 50.65, Total length 144.00,
 Height/ B+ 25.25, Width/ kl. 50 9.00,
 Coil bolt M8, Coil bolt 2 20.35,
 No./ terminals 3

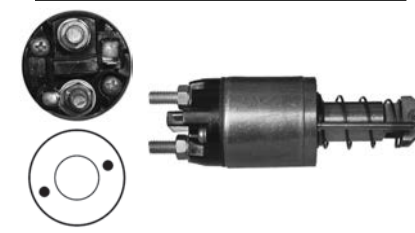
Cap: HC-CARGO 232417.


139220 Solenoid

Replacing: 85540501

Servicing: 63223432

12 V, B+ M8, Kl. 15a 4.70,
 Kl. 50 6.30, ID/ cover 23.25, OD 52.00,
 OD/ cover 53.00, Total length 145.50,
 Height/ B+ 21.10, Width/ kl. 15a 11.00,
 Width/ kl. 50 13.20, Coil bolt M8,
 Coil bolt 2 20.00, No./ terminals 4


139785 Solenoid

Replacing: 85540781, 63600408

Servicing: 63220535, 63221302, 63221332,
 63221408

12 V, B+ M8, Kl. 50 6.30,
 ID/ cover 23.20, OD 51.70,
 OD/ cover 49.90, Total length 146.80,
 Height/ B+ 22.00, Width/ kl. 50 13.30,
 Coil bolt M8, Coil bolt 2 21.40,
 No./ terminals 3

Cap: HC-CARGO 133229.



139849 Solenoid

Replacing: 63633604

Servicing: 63216814, 63217106, 63217108, 63217110, 63217112, 63217116, MT68P, MT71H

12 V, B+ M10, Kl. 50 M5,
ID/ cover 30.45, OD 61.00,
OD/ cover 53.25, Total length 142.85,
Height/ B+ 20.35, Width/ kl. 50 15.20,
Coil bolt M10, Coil bolt 2 21.80,
No./ terminals 3

Cap: HC-CARGO 139141.



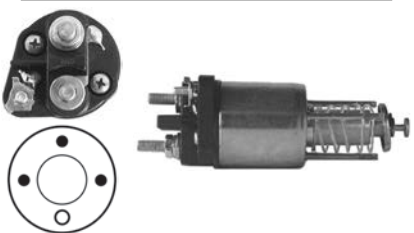
230325 Solenoid

Replacing: 85540041, 85530220, 63600904

Servicing: 63220932, 63221400, 63221430, 63221433, 63221531, 63221532, 63221534, 63221538, 63221539, 63221632, 63221636, 63221731

12 V, B+ M8, Kl. 50 6.30,
ID/ cover 22.25, OD 50.00,
OD/ cover 50.00, Total length 126.70,
Height/ B+ 21.30, Width/ kl. 50 14.45,
Coil bolt M8, Coil bolt 2 20.55,
No./ terminals 3

Cap: HC-CARGO 133229.

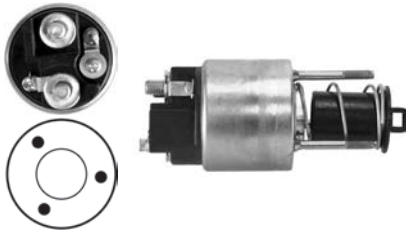


230802 Solenoid

Replacing: 85541230

Servicing: 63101003

12 V, B+ M8, Kl. 50 6.30,
ID/ cover 23.20, OD 52.45,
OD/ cover 52.15, Total length 147.60,
Height/ B+ 26.45, Width/ kl. 50 9.65,
Coil bolt M8, Coil bolt 2 25.90,
No./ terminals 3



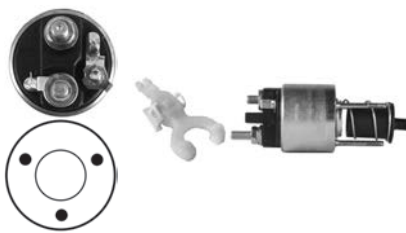
230805 Solenoid

Replacing: 85541210, 83227502

Servicing: 63102000, 63111001, 63191001, 63192000, 63223106

12 V, B+ M8, Kl. 50 M6,
ID/ cover 25.70, OD 54.00,
OD/ cover 47.40, Total length 112.75,
Height/ B+ 12.50, Width/ kl. 50 13.60,
Coil bolt M8, Coil bolt 2 9.55,
No./ terminals 3

Cap: HC-CARGO 139602.



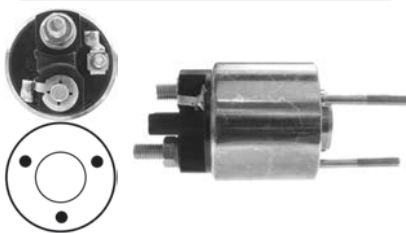
230807 Solenoid

Replacing: 85541860

Servicing: 63102008, 63103002, 63103003, 63103007, 63103008, 63103022, 63103023, 63103025, 63222901, 63222908, 63223101

12 V, B+ M8, Kl. 50 M6,
ID/ cover 25.55, OD 54.00,
OD/ cover 47.50, Total length 123.00,
Height/ B+ 23.35, Width/ kl. 50 10.00,
Coil bolt M8, Coil bolt 2 9.50,
No./ terminals 3

Cap: HC-CARGO 139602.



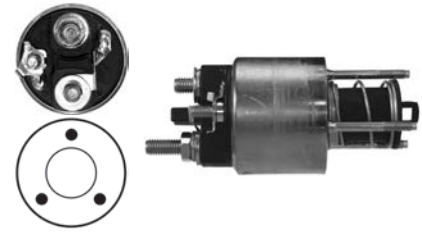
230808 Solenoid

Replacing: 85541740

Servicing: 63103026, 63111010, 63111016, 63111017, 63111036

12 V, B+ M8, Kl. 50 M6,
ID/ cover 25.70, OD 54.00,
OD/ cover 47.55, Total length 122.85,
Height/ B+ 23.30, Width/ kl. 50 10.00,
Coil bolt M8, Coil bolt 2 9.75,
No./ terminals 3

Cap: HC-CARGO 139602.



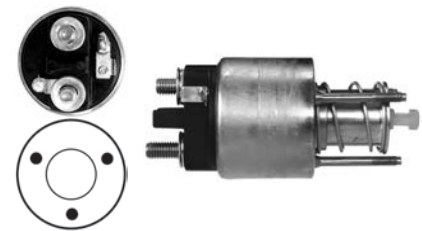
230809 Solenoid

Replacing: 85541560, 85541400, 85541260, 85541010

Servicing: 63101000, 63101002, 63101008, 63102003, 63102004, 63102007, 63103015, 63111005, 63222888, 63222889, 63222909, 63222936

12 V, B+ M8, Kl. 50 M6,
ID/ cover 25.75, OD 54.00,
OD/ cover 47.40, Total length 123.00,
Height/ B+ 23.45, Width/ kl. 50 9.95,
Coil bolt M8, Coil bolt 2 9.55,
No./ terminals 3

Cap: HC-CARGO 139601.



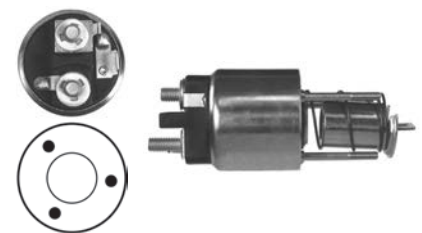
231479 Solenoid

Replacing: 85541350

Servicing: 63101007, 63191007, 63223085

12 V, B+ M8, Kl. 50 6.30,
ID/ cover 25.65, OD 54.00,
OD/ cover 47.20, Total length 115.00,
Height/ B+ 14.85, Width/ kl. 50 15.00,
Coil bolt M8, Coil bolt 2 9.65,
No./ terminals 3

Cap: HC-CARGO 233074.



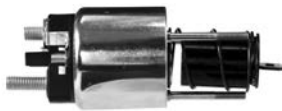
231806 Solenoid

Replacing: 85541111, 85541110

Servicing: 30000A, 30001A, 30002A, 30003A, 63223103, 63223104, 63223182, 63230001, 63230003, 63293103, 63293104

12 V, B+ M8, Kl. 50 9.40,
ID/ cover 25.30, OD 54.00,
OD/ cover 47.00, Total length 121.00,
Height/ B+ 16.65, Width/ kl. 50 17.25,
Coil bolt M8, Coil bolt 2 10.65,
No./ terminals 3

Cap: HC-CARGO 137346.


231990 Solenoid

Servicing: 63111006, 63113001, 63193001,
 63223537, 63293537

12 V, B+ M8, Kl. 30h M5, Kl. 50 M6,
 ID/ cover 25.25, OD 54.00,
 OD/ cover 47.85, Total length 126.45,
 Height/ B+ 22.25, Width/ kl. 30h 7.80,
 Width/ kl. 50 9.50, Coil bolt M8,
 Coil bolt 2 9.85, No./ terminals 4
 Cap: HC-CARGO 233968. w/ 30H terminal.


233815 Solenoid

Replacing: 85540921

Servicing: 63222836, 63222837, 63222897,
 63223033

12 V, B+ M8, Kl. 50 M6,
 ID/ cover 23.20, OD 52.25,
 OD/ cover 50.45, Total length 148.30,
 Height/ B+ 18.10, Width/ kl. 50 8.00,
 Coil bolt M8, Coil bolt 2 23.00,
 No./ terminals 3


234284# Solenoid

Replacing: 63600996

Servicing: 63291405

12 V, B+ M8, Kl. 50 6.30,
 ID/ cover 23.00, OD 51.35,
 OD/ cover 49.80, Total length 95.20,
 Height/ B+ 18.75,
 Width/ kl. 50 12.00, Coil bolt M8,
 Coil bolt 2 17.85, No./ terminals 3
 Cap: HC-CARGO 234285.


234441 Solenoid

Replacing: 85541002

Servicing: 50246648, 63111000, 63223436,
 63223531, 63223533, 63223539, 63223639

12 V, B+ M8, Kl. 50 M6,
 ID/ cover 23.00, OD 51.90,
 OD/ cover 50.85, Total length 152.80,
 Height/ B+ 18.30, Width/ kl. 50 7.85,
 Coil bolt M8, Coil bolt 2 22.35,
 No./ terminals 3


234733 Solenoid

Replacing: 85541770, 85541360

Servicing: 063102018010, 063102021010,
 63101000, 63101002, 63101008, 63101015,
 63101018, 63101022, 63101023, 63102004,
 63102007

12 V, B+ M8, Kl. 50 M6,
 ID/ cover 25.00, OD 54.00,
 OD/ cover 49.45, Total length 125.30,
 Height/ B+ 22.90, Width/ kl. 50 9.30,
 Coil bolt M8, Coil bolt 2 10.10,
 No./ terminals 3
 Cap: HC-CARGO 139601.


235383 Solenoid

Servicing: 63114017, 63222005

12 V, 18/42 Amp, B+ M8, Kl. 30h M5,
 Kl. 50 M6, ID/ cover 39.90, OD 54.00,
 OD/ cover 52.30, Total length 125.90,
 Height/ B+ 18.20, Width/ kl. 30h 9.55,
 Width/ kl. 50 9.15, Coil bolt M8,
 Coil bolt 2 9.55, No./ terminals 4
 Cap: HC-CARGO 233968.


235771 Solenoid

Replacing: 85540891

Servicing: 63223034

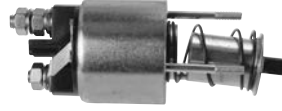
12 V, B+ M8, Kl. 50 6.00, OD 52.90,
 OD/ cover 49.70, Total length 136.50,
 Height/ B+ 19.25, Coil bolt M8,
 Coil bolt 2 19.25, No./ terminals 3


238841 Solenoid

Replacing: 85541990

Servicing: 63101021, 63102022, 63103031,
 63114012

12 V, B+ M8, OD 54.05, Total length 129.00,
 Height/ B+ 16.25, Coil bolt M8,
 Coil bolt 2 9.25, No./ terminals 2


239075 Solenoid

Replacing: 85553402

Servicing: 63280091

12 V, B+ M8, Kl. 50 M5, OD 54.25,
 Total length 106.20, Height/ B+ 18.30,
 Width/ kl. 50 9.45, Coil bolt M8,
 Coil bolt 2 10.95, No./ terminals 3

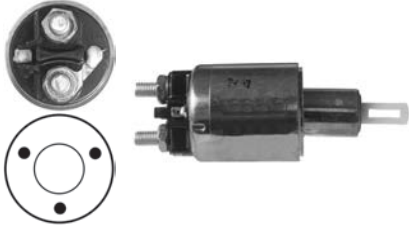

333147 Solenoid

Manufacturer: Bosch

Replacing: 82368225

12 V, B+ M8, Kl. 30h M8, Kl. 50 6.30,
 ID/ cover 27.10, OD 56.35, OD/ cover 49.35,
 Total length 140.80, Height/ B+ 20.00,
 Width/ kl. 30h 14.45,
 Width/ kl. 50 12.50, Coil bolt M8,
 Coil bolt 2 12.60, No./ terminals 3
 Cap: HC-CARGO 131315.
 Alternative no.: 131143

24 Volt



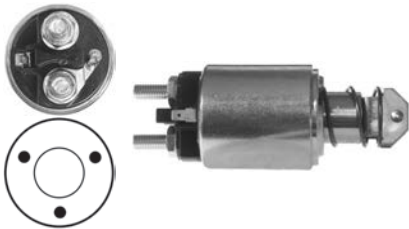
130829# Solenoid

Replacing: ie35a, 63633501

Servicing: 63216701, 63216702, 63216703, 63216706, 63216707, 63216725, 63216726

24 V, B+ M10, Kl. 50 6.30, ID/ cover 30.45, OD 61.20, OD/ cover 54.60, Total length 141.75, Height/ B+ 21.40, Width/ kl. 50 9.00, Coil bolt M10, Coil bolt 2 21.40, No./ terminals 3

Cap: HC-CARGO 131329. Moving contact: HC-CARGO 132248.



131115 Solenoid

Replacing: ie39aaa, 85540211, 85540111, 79036685, 63633933, 63633925, 63633902, 63633901

Servicing: 63216703, 63216725, 63216726, 63216727, 63216731, 63216733, 63216738, 63216740, 63216741, 63216747, 63216748, 63216763

24 V, B+ M10, Kl. 50 6.30, ID/ cover 30.00, OD 60.80, OD/ cover 54.70, Total length 157.80, Height/ B+ 20.35, Width/ kl. 50 14.00, Coil bolt M10, Coil bolt 2 20.35, No./ terminals 3

Cap: HC-CARGO 131329. Moving contact: HC-CARGO 132248.



132254 Solenoid

Replacing: 79033664

24 V, B+ M10, Kl. 50 4.70, ID/ cover 29.80, OD 61.00, OD/ cover 53.35, Total length 161.85, Height/ B+ 21.90, Width/ kl. 50 3.70, Coil bolt M10, Coil bolt 2 15.75, No./ terminals 3

Cap: HC-CARGO 131318.

Alternative no.: 333151



333151 Solenoid

Manufacturer: Bosch

Replacing: 79033664

24 V, B+ M10, Kl. 50 4.70, ID/ cover 29.80, OD 61.00, OD/ cover 53.35, Total length 161.85, Height/ B+ 21.90, Width/ kl. 50 3.70, Coil bolt M10, Coil bolt 2 15.75, No./ terminals 3

Cap: HC-CARGO 131318.

Alternative no.: 132254

Solenoid Parts

Solenoid Caps



131324 Solenoid Cap

Servicing: 63222408, 63222438, 63222506, 63600507, E100-1.3/12V8

No./ terminals 3

HC-CARGO 130367.



131325 Solenoid Cap

Servicing: 63220701, 63220703, 63220721, 63220743, 63600400, E84-0.8/12V1, E84-0.8/12V3

No./ terminals 3

HC-CARGO 130377.



131327 Solenoid Cap

Servicing: 63224580, 63224600, 63602100, 63602200, 63633301, 63633401, M125M3-Z9(3/12)

No./ terminals 3

HC-CARGO 130373.

Pkg. 5



131329 Solenoid Cap

Servicing: 63216703, 63216725, 63216726, 63216727, 63216731, 63216740, 63216741, 63216747, 63216748, 63216800, 63216815, 63216825

No./ terminals 3, Bracket type Crimp HC-CARGO 130829, 130830, 131112, 131115.



132138 Solenoid Cap

Servicing: 63221401, 63221431, 85530000, 85540301

No./ terminals 4

HC-CARGO 132137.

Pkg. 5



132229 Solenoid Cap

Servicing: 50246416, 50246532, 63220505, 63220536, 63220537, 63220538, 63220700, 63220701, 63220703, 63220704, 63220705, 63220706

No./ terminals 3

HC-CARGO 131437, 132227, 132228, 133083, 133566, 139785, 139786, 230325.



132250 Solenoid Cap

Servicing: 63221800, 63221830, 63221834, 63221890, 63601600, 85540071

No./ terminals 3

HC-CARGO 131589.


133114 Solenoid Cap

Servicing: 63220703, 63220743, 74862661, E84-0.8/12V3

No./ terminals 3


136055 Solenoid Cap

Servicing: 63221300, 63221330, 63221535, 63601007, 85540461

No./ terminals 4

HC-CARGO 134862.

Pkg. 5


137346 Solenoid Cap

Servicing: 30000A, 30001A, 30002A, 30003A, 63223085, 63223103, 63223104, 63223182, 63223303, 63230001, 85541110, 85541111

No./ terminals 3, Bracket type Crimp
HC-CARGO 231806.

Pkg. 5


137347 Solenoid Cap

Servicing: 85540981

No./ terminals 3, Bracket type Crimp
HC-CARGO 137190.


139141 Solenoid Cap

Servicing: 63216814, 63216876, 63216884, 63633604, 63633804, 85540031, MT68P, MT68PA, MT68PB, MT68R, MT68RA

No./ terminals 3, Bracket type Crimp
HC-CARGO 138753, 139849.

Pkg. 5


139601 Solenoid Cap

Servicing: 063102018010, 063102021010, 63101000, 63101002, 63101008, 63101015, 63101018, 63101022, 63101023, 63102003, 63102004

No./ terminals 3, Bracket type Crimp
HC-CARGO 230809, 234733.

Pkg. 5


139602 Solenoid Cap

Servicing: 63102000, 63102008, 63103002, 63103003, 63103007, 63103022, 63111001, 63111007, 63111008, 63111010, 63111016, 63111017

No./ terminals 3, Bracket type Crimp
HC-CARGO 137191, 138444, 138477, 230805, 230807, 230808.


231386 Solenoid Cap

Servicing: 63223438, 85540901

No./ terminals 3


231582 Solenoid Cap

Servicing: 63222035, 63223433, 85540711

No./ terminals 4

w/ 30H terminal. HC-CARGO 136164, 231582.


231880 Solenoid Cap

Servicing: 63223435, 63223532, 636019063, 636019066, 85541020

No./ terminals 4

w/ 30H terminal. HC-CARGO 137790.


231881 Solenoid Cap

Servicing: 50246648, 63111000, 63223436, 63223531, 63223639

No./ terminals 3


232417 Solenoid Cap

Servicing: 63222038, 63222131, 63222134, 63222135, 63222204, 63222206, 63222836, 63222837, 63222897, 85540922

No./ terminals 3

HC-CARGO 139104.



Pkg. 5

233074 Solenoid Cap

Servicing: 63101007, 63191007, 85541350
No./ terminals 3, Bracket type Crimp
HC-CARGO 231479.



233968 Solenoid Cap

Servicing: 63111006, 63113001, 63114017,
63193001, 63222005, 63223537, 63293537
No./ terminals 4, Bracket type Crimp



234285# Solenoid Cap

Replacing: 74883371
Servicing: 63291405
No./ terminals 3
HC-CARGO 234284.

Moving Contacts



Pkg. 5

132139 Moving Contact

Servicing: 85530000, 85540301
Shaft measurement 30.50,
Thickness 3.00, Width 30.00



Pkg. 5

132246 Moving Contact

Servicing: 85530010, 85530220, 85530280,
85530290, 85530330
Shaft measurement 30.20,
Thickness 2.45, Width 32.00
Alternative no.: B132246



Pkg. 5

132248 Moving Contact

Servicing: 63633801
Shaft measurement 37.40, Thickness 3.90



Pkg. 5

132251 Moving Contact

Servicing: 63601700, 85540371
Length 28.30, Shaft measurement 26.48,
Thickness 1.98, Width 32.00



Pkg. 5

137348 Moving Contact

Servicing: 063102018010, 063102021010,
63101000, 63101002, 63101008, 63101015,
63101018, 63101022, 63101023, 63102000,
63102003
Length 26.90, Shaft measurement 24.60,
Thickness 2.00, Width 11.50



Pkg. 5

231383 Moving Contact

Servicing: 85540901
Shaft measurement 29.15,
Thickness 2.45, Width 38.00



Pkg. 5

233969 Moving Contact

Servicing: 30000A, 30001A, 30002A,
30003A, 63101007, 63101021, 63102022,
63103008, 63103019, 63103031, 63111001,
63111006
Shaft measurement 24.90,
Thickness 1.55, Width 26.10



Pkg. 5

234655 Contact Plate

Thickness 9.55, Width 24.00



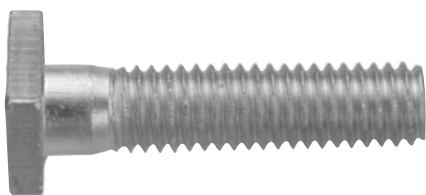
Pkg. 100

B132246 Moving Contact

Replacing: 132246
Shaft measurement 30.08, Thickness 2.46
Alternative no.: 132246

Fixed Contacts

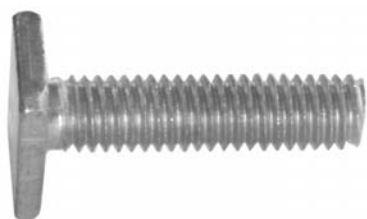
Pkg. 10



232418 Fixed Contact

Total length 35.30,
Length/ rear collar 31.82,
Thread length 26.82,
Thread size M8x1.25

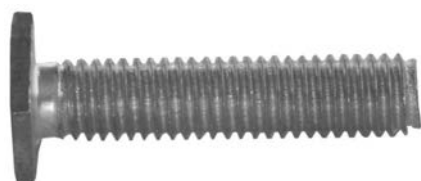
Pkg. 5



234316 Fixed Contact

Total length 26.75, Thread size M6

Pkg. 5

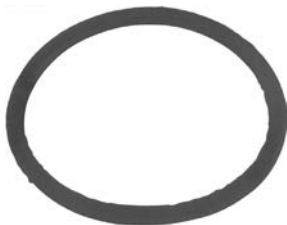


234317 Fixed Contact

Total length 37.00, Thread length 32.80,
Thread size M8

Various

Pkg. 10



138953 Gasket

ID 50.35, OD 57.00, Thickness 1.70,
Material Rubber

Pkg. 5



231863 Terminal 50

Servicing: 63111000, 63223039, 63223639,
63293039

Drives



130417 Drive

Replacing: 74372530, 72372530, 70616002
Servicing: 63211665, 63211669, 63213127,
63214349, 63214371, 63214376, 63216225,
63216233, 63216325, 63216333, mt43pa,
mt63ba

ID 14.70, OD 34.70,
OD/ housing 35.00, Total length 120.00,
Splines A 3, No./ teeth 9, Rotation CR



130437 Drive

Replacing: 74899601
Servicing: 63223800
ID 16.00, OD 35.00,
OD/ housing 60.00, Total length 88.00,
Splines A 3, No./ teeth 9, Rotation CR
Drive w/ 12 splines: HC-CARGO 134643.



130439 Drive

Replacing: 85540731, 74868891
Servicing: 63220409, 63220439, E76-
0.5/12S-V9
ID 11.54, OD 25.20,
OD/ housing 40.35, Total length 62.45,
Splines A 6, No./ teeth 9, Rotation ACR



130452 Drive

Replacing: 85541490, 85541479, 85541454
Servicing: 63226604, 63227025, 63227408,
63227409, 63227415, 63227417, 63227425,
63227468, 63227470, 63227474, 63227478,
63227483

ID 17.00, OD 39.90,
OD/ housing 60.00, Total length 73.00,
Splines A 12, No./ teeth 10, Rotation CR
Alternative no.: 130452Z



130452Z Drive

Replacing: 85541490, 85541479, 85541454
ID 17.00, OD 39.50,
OD/ housing 60.00, Total length 73.50,
Splines A 12, No./ teeth 10,
Drive type Steel, Rotation CR
Alternative no.: 130452



130735 Drive

Replacing: 74867931
Servicing: 63220400, 63220430
ID 12.00, OD 26.85,
OD/ housing 40.40, Total length 63.75,
Splines A 2, No./ teeth 8, Rotation CR



130737 Drive

Replacing: 85540811, 85540661, 85540311,
74981251, 74886731, 74881251, 74876851,
74861441, 74860391
Servicing: 63220700, 63220701, 63220703,
63220704, 63220705, 63220706, 63220721,
63220724, 63220732, 63220734, 63220735,
63220740
ID 11.70, OD 25.55,
OD/ housing 43.70, Total length 71.15,
Splines A 6, No./ teeth 9, Rotation CR



130738 Drive

Replacing: 85540271, 74874241, 74867401, 74866611

Servicing: 63222408, 63222430, 63222435, 63222438, 63222439, 63222506, 63222531, 63222532, 63222536, 63222730, 63222731, 63222736

ID 14.00, OD 29.15,
OD/ housing 46.20, Total length 68.00,
Splines A 6, No./ teeth 11, Rotation CR



130739 Drive

Replacing: 74871431, 74827301

Servicing: 63224170, 63224580, 63224600, 63224602, M125M3-Z9(3/12)

ID 17.00, OD 34.88,
OD/ housing 60.00, Total length 83.35,
Splines A 6, No./ teeth 9, Rotation CR



130740 Drive

Replacing: 74870111

Servicing: 63201000, 63201001, 63201002, 63201003, 63201004, 63201005, 63201100, 63201101, B76-0.5/12S

ID 11.50, OD 25.30,
OD/ housing 41.30, Total length 65.00,
Splines A 2, No./ teeth 9, Rotation ACR



130749 Drive

Replacing: 72138801

Servicing: 63216733, 63216816, 63216833, 63217117, 63217173, 63217182, 63217402, 63217404, mt67ba, mt68ba, mt71la, mt71ra, mt74b

ID 14.35, OD 34.40,
OD/ housing 60.30, Total length 77.20,
Splines A 6, No./ teeth 9, Rotation CR
w/ lever.



130946 Drive

Replacing: 72399501, 72378801

Servicing: 63216702, 63217107, 63217110, 63217116, mt67b

ID 14.30, OD 34.50,
OD/ housing 60.20, Total length 76.95,
Splines A 6, No./ teeth 9,
Drive type Steel, Rotation CR



131109 Drive

Replacing: 72363402, 72139001

Servicing: 63216703, 63216725, 63216726, 63216727, 63216740, 63216800, 63216825, 63216826, 63216827, 63216852, 63216898, 63217118

ID 14.30, OD 34.55,
OD/ housing 59.70, Total length 77.20,
Splines A 12, No./ teeth 9, Rotation CR
Drive w/ lever: HC-CARGO 234921, 234922.



131588 Drive

Replacing: 85540081

Servicing: 63221802, 63221830, 63221832

ID 11.68, OD 25.60,
OD/ housing 43.70, Total length 63.95,
Splines A 6, No./ teeth 9, Rotation CR
Drive only: HC-CARGO 132119.



131715 Drive

Replacing: 85540601, 74889271, 74886971

Servicing: 63220506, 63220507, 63220536, 63220537, 63220538

ID 11.64, OD 25.60,
OD/ housing 43.80, Total length 68.56,
Splines A 6, No./ teeth 9, Rotation CR



131716 Drive

Replacing: 85540611, 85540491, 74887061, 74886131

Servicing: 63220901, 63220931, 63221338, 63221400, 63221401, 63221430, 63221431, 63221538, 63221637

ID 11.55, OD 29.30,
OD/ housing 46.40, Total length 71.00,
Splines A 6, No./ teeth 11, Rotation CR



131728 Drive

Replacing: 85541541, 85541496

Servicing: M45G, 63227419, 63227508, 63227533, 63227543, 63227575, 63227586, 63227601, 63227604

ID 17.05, OD 39.85,
OD/ housing 59.95, Total length 100.20,
Splines A 12, No./ teeth 10, Rotation CR



131729 Drive

Replacing: 85541538

Servicing: M45G, 63227412, 63227416, 63227475, 63227491

ID 17.05, OD 45.95,
OD/ housing 59.95, Total length 73.35,
Splines A 12, No./ teeth 13, Rotation CR



131747 Drive

Replacing: 74350433, 74350413

ID 14.50, OD 45.90, Total length 120.00,
Splines A 3, No./ teeth 13


131779# Drive

Replacing: 74884601, 74865381

Servicing: 63224301, 63224302, 63224398, 63225301, 63225303, 63225391, 63225398

 ID 18.20, OD 40.30,
 OD/ housing 86.60, Total length 122.85,
 Splines A 6, No./ teeth 11

132075 Drive

Replacing: 74866151

Servicing: 63222300

 ID 14.00, OD 29.00,
 OD/ housing 46.20, Total length 70.00,
 Splines A 6, No./ teeth 9, Rotation CR

132119 Drive

Replacing: 74893901

Servicing: 50246532, 50246648, 63101003, 63221800, 63221830, 63221832, 63221834, 63221890, 63221892, 63222831, 63222836, 63222837

 ID 11.50, OD 25.20,
 OD/ housing 44.45, Total length 64.00,
 Splines A 12, No./ teeth 9, Rotation CR
 Drive w/ lever: HC-CARGO 134859, 230757.

132186 Drive

Replacing: 85540651, 74885111

Servicing: 63221304, 63221305, 63221306, 63221307, 63221437, 63221535

 ID 12.00, OD 25.50,
 OD/ housing 45.00, Total length 69.50,
 Splines A 12, No./ teeth 9, Rotation CR

132187 Drive

Replacing: 85540481, 74895431, 74888761

Servicing: 63223000, 63223203, 63223236, 63223237, 63223330, 63223332

 ID 12.00, OD 25.00,
 OD/ housing 46.25, Total length 65.50,
 Splines A 10, No./ teeth 9, Rotation CR

132188 Drive

Replacing: 85540521, 74991161, 74898071, 74891161

Servicing: 63221403, 63221404, 63221433, 63221434, 63221500, 63221530, 63221533, 63221539, 63221632, 63221636, 63221639, 63221731

 ID 11.60, OD 29.15,
 OD/ housing 46.00, Total length 65.50,
 Splines A 10, No./ teeth 11, Rotation CR

132285 Drive

Replacing: 85541466, 85541462

Servicing: M127/2.8 kW, 63227500, 63227528, 63227553, 63227554, 63227569

 ID 17.15, OD 39.00, OD/ housing 60.00,
 Total length 70.40, Splines A 12,
 No./ teeth 10, Drive type Steel, Rotation CR

132293 Drive

Replacing: 72139004

Servicing: 63216815, 63216851, 63217403, MT68Q, mt68qa

 ID 14.15, OD 32.10, OD/ housing 60.00,
 Total length 77.60, Splines A 6,
 No./ teeth 8, Rotation CR

132586 Drive

Replacing: 85541544, 85541488

Servicing: M78, 63226601, 63226609, 63226626, 63226627, 63226678, 63226679, 63226680, 63226681, 63226689, 63226695, 63227004

 ID 12.00, OD 26.70,
 OD/ housing 46.25, Total length 48.20,
 Splines A 9, No./ teeth 10, Rotation CR

132818 Drive

Replacing: 85540451, 85540431, 74896591

Servicing: 50246416, 63222000, 63222004, 63222030, 63222034, 63222038, 63222130, 63222134, 63222135, 63222138

 ID 11.60, OD 25.80,
 OD/ housing 53.00, Total length 62.00,
 Splines A 10, No./ teeth 9, Rotation CR
 Alternative no.: 132818Z

132818Z Drive

Replacing: 85540451, 85540431, 74896591

 ID 12.00, OD 25.40,
 OD/ housing 54.30, Total length 62.00,
 Splines A 10, No./ teeth 9,

 Drive type Steel, Rotation CR
 Alternative no.: 132818

132819 Drive

Replacing: 85540141

Servicing: 63222001, 63222031, 63222039, 63222136

 ID 12.00, OD 34.75,
 OD/ housing 53.00, Total length 62.00,
 Splines A 10, No./ teeth 9, Rotation CR



132820 Drive

Replacing: 85540441, 74894681
 Servicing: 63221801, 63221831, 63222036, 63222131, 63222133, 63222206
 ID 12.00, OD 27.50,
 OD/ housing 53.25, Total length 61.90,
 Splines A 10, No./ teeth 10, Rotation CR



132821 Drive

Replacing: 85540191, 85540151, 72159801
 Servicing: 63216731, 63216741, 63216818, 63216831, 63216852, 63216896, 63217126, 63217148, 63217154, 63217156, 63217158, 63217186
 ID 14.30, OD 34.30,
 OD/ housing 60.00, Total length 77.50,
 Splines A 6, No./ teeth 9, Rotation CR



132852 Drive

Replacing: 85541459
 Servicing: 3M127, 63227501, 63227567
 ID 17.00, OD 45.75,
 OD/ housing 60.00, Total length 71.00,
 Splines A 12, No./ teeth 13, Rotation CR



133591 Drive

Replacing: 85541389
 Servicing: M79, 63226921, 63226935, 63226936, 63226939, 63226942, 63226949
 ID 12.00, OD 26.75,
 OD/ housing 46.00, Total length 50.60,
 Splines A 9, No./ teeth 10, Rotation CR



133592[#] Drive

Replacing: 85541375
 Servicing: M78R, 63226721, 63226800, 63226804, 63226823, 63226824, 63226836, 63226837, 63226842, 63226909, 63226923
 ID 12.10, OD 29.00,
 OD/ housing 47.60, Total length 50.70,
 Splines A 9, No./ teeth 9, Rotation CR



133683 Drive

Replacing: 85541470
 Servicing: M127, 63227564, 63227576
 ID 14.20, OD 31.90,
 OD/ housing 60.00, Total length 100.35,
 Splines A 12, No./ teeth 10, Rotation CR



133841 Drive

Replacing: 99339837
 ID 11.50, OD 25.00,
 OD/ housing 44.00, Total length 65.30,
 Splines A 12, No./ teeth 9, Rotation ACR



133985 Drive

Replacing: 72139003
 Servicing: 63217121, mt71z
 ID 14.30, OD 34.00,
 OD/ housing 60.25, Total length 77.25,
 Splines A 12, No./ teeth 9, Rotation CR
 w/ lever.



134018 Drive

Replacing: 85540291, 74898111, 74891391
 Servicing: 63221405, 63221435, 63221536
 ID 11.65, OD 29.55,
 OD/ housing 47.65, Total length 65.75,
 Splines A 10, No./ teeth 9, Rotation ACR



134364 Drive

Replacing: 85541040, 85540321
 Servicing: 63223430, 63223431, 63223432, 63223436, 63223530, 63223531, 63223532, 63223533
 ID 12.00, OD 29.00,
 OD/ housing 46.25, Total length 52.35,
 Splines A 10, No./ teeth 11, Rotation CR



134643 Drive

Replacing: 74703401
 Servicing: 63223800, 63223802, 63223807, 63223830, 63223832
 ID 16.00, OD 35.00,
 OD/ housing 60.45, Total length 87.50,
 Splines A 6, No./ teeth 9, Rotation CR
 Drive w/ 3 splines: HC-CARGO 130437.



134859 Drive

Replacing: 85540411, 83221541, 83221531
 Servicing: 63222831, 63222832, 63222833, 63222836, 63222837, 63222838, 63222897, 63223031, 63223032, 63223033, 63223034, 63223035
 ID 11.55, OD 25.30,
 OD/ housing 43.40, Total length 64.00,
 Splines A 12, No./ teeth 9, Rotation CR
 Drive only: HC-CARGO 132119.


135117 Drive

Replacing: 85540681

Servicing: 63222035, 63222204, 63229035, 63292035

 ID 12.00, OD 29.00,
 OD/ housing 54.25, Total length 62.00,
 Splines A 10, No./ teeth 9, Rotation CR

135463 Drive

Replacing: 85540861

Servicing: 63223434, 63223438, 63223494

 ID 12.00, OD 25.60,
 OD/ housing 47.65, Total length 52.55,
 Splines A 10, No./ teeth 9, Rotation CR

135711 Drive

Replacing: 85541503, 85541303

Servicing: M79, 63226667, 63227043

 ID 12.00, OD 28.00,
 OD/ housing 46.25, Total length 48.15,
 Splines A 9, No./ teeth 8, Rotation CR

135717 Drive

Replacing: 85541780, 85540971

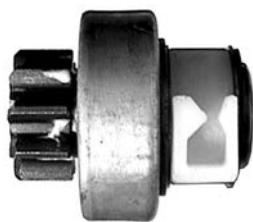
 Servicing: 63101000, 63101002, 63101008,
 63102003, 63102004, 63102007, 63102008,
 63103002, 63103003, 63103008, 63103025,
 63103026

 ID 11.60, OD 25.80,
 OD/ housing 46.00, Total length 64.00,
 Splines A 6, No./ teeth 9, Rotation CR

135762 Drive

Replacing: 85540121, 74891611

Servicing: 63221438, 63221630, 63221635

 ID 12.00, OD 25.20,
 OD/ housing 48.70, Total length 65.55,
 Splines A 10, No./ teeth 9, Rotation CR

136257 Drive

Replacing: 85540881

 Servicing: 63111000, 63223435, 63223533,
 63223639

 ID 12.00, OD 28.65,
 OD/ housing 46.30, Total length 53.25,
 Splines A 10, No./ teeth 9, Rotation CR
 Drive w/ lever: HC-CARGO 138167.

136770 Drive

Replacing: 85541381

Servicing: M78R, 63226801

 ID 12.00, OD 25.75,
 OD/ housing 47.65, Total length 56.00,
 Splines A 9, No./ teeth 9, Rotation CR

138167 Drive

Servicing: 63111000, 63223435, 63223639

 ID 12.00, OD 28.70,
 OD/ housing 47.00, Total length 52.55,
 Splines A 10, No./ teeth 9, Rotation CR
 Drive only: HC-CARGO 136257.

138533 Drive

Servicing: 63223039, 63293039

 ID 11.60, OD 24.90,
 OD/ housing 44.00, Total length 60.85,
 Splines A 12, No./ teeth 9, Rotation CR

138752 Drive

Replacing: 72138802

 Servicing: 63216814, 63216876, 63216884,
 63217138, MT68P, mt68pa, MT68PB, mt71fa

 ID 14.35, OD 40.65,
 OD/ housing 60.30, Total length 77.30,
 Splines A 6, No./ teeth 11, Rotation CR
 w/ lever.

138793 Drive

 Servicing: 63111005, 63111006, 63111007,
 63223537, 63223730, 63293537

 ID 11.85, OD 28.25,
 OD/ housing 48.00, Total length 50.50,
 Splines A 10, No./ teeth 9, Rotation CR
 Drive w/ lever: HC-CARGO 231216.

138865 Drive

Replacing: 85541100

 Servicing: 30000A, 30001A, 30002A,
 30003A, 63223103, 63223104, 63223182,
 63230001, 63230003, 63293103, 63293104

 ID 12.00, OD 25.60,
 OD/ housing 41.30, Total length 84.75,
 Splines A 4, No./ teeth 9, Rotation ACR



138985 Drive
 Replacing: 85541160
 Servicing: 63114008, 63114010
 ID 12.00, OD 29.00,
 OD/ housing 53.70, Total length 64.00,
 Splines A 10, No./ teeth 9, Rotation CR
 Alternative no.: 138985Z



138985Z Drive
 Replacing: 85541160
 ID 12.00, OD 28.70, OD/ housing 54.20,
 Total length 65.15, Splines A 10,
 No./ teeth 9, Drive type Steel, Rotation CR
 Alternative no.: 138985



139131 Drive
 Replacing: 79035321, 72392104, 72139002,
 72138902
 Servicing: 63216738, 63216747, 63216748,
 63216763, 63216859, 63216874, mt67da,
 mt67db, mt67fa, mt67fb, mt68ma, mt68mb
 ID 14.35, OD 34.70,
 OD/ housing 60.25, Total length 106.30,
 Splines A 6, No./ teeth 9, Rotation CR
 w/ lever.



139655 Drive
 Replacing: 85541870, 85541280
 Servicing: 063102018010, 063102021010,
 63101015, 63101018, 63101021, 63101022,
 63101023, 63102020, 63102022, 63103007,
 63103008
 ID 11.45, OD 23.50,
 OD/ housing 44.00, Total length 64.00,
 Splines A 12, No./ teeth 8, Rotation CR
 Drive w/ lever: HC-CARGO 230804.



139710 Drive
 Replacing: 54294817
 Servicing: 63223538, 63293538
 ID 12.00, OD 54.00,
 OD/ housing 48.20, Total length 51.35,
 Splines A 10, No./ teeth 23, Rotation CR
 Alternative no.: 139710Z



139710Z Drive
 Replacing: 54294817
 ID 12.00, OD 54.00,
 OD/ housing 48.20, Total length 51.35,
 Splines A 10, No./ teeth 23, Rotation CR
 Alternative no.: 139710



139848 Drive
 Replacing: 72399502
 Servicing: 63216814, 63217106, mt68p,
 mt71f
 ID 14.45, OD 40.60,
 OD/ housing 60.00, Total length 77.55,
 Splines A 12, No./ teeth 11,
 Drive type Steel, Rotation CR



139900 Drive
 Replacing: 85540831
 Servicing: 63223433
 ID 12.00, OD 27.50,
 OD/ housing 47.60, Total length 53.15,
 Splines A 10, No./ teeth 10, Rotation CR



139901 Drive
 Replacing: 85541690, 85541680, 85541250
 Servicing: 63111008, 63111009, 63111018,
 63111027, 63111037, 63112003, 63113003,
 63113004, 63223536
 ID 12.00, OD 29.75,
 OD/ housing 47.55, Total length 50.20,
 Splines A 10, No./ teeth 11, Rotation CR



139902 Drive
 Replacing: 85541700, 83226569
 Servicing: 63114014
 ID 12.00, OD 34.25,
 OD/ housing 60.00, Total length 64.65,
 Splines A 10, No./ teeth 9, Rotation CR



230025 Drive
 Replacing: 85540401
 Servicing: 63223209, 63223239
 ID 12.00, OD 29.50,
 OD/ housing 47.60, Total length 64.90,
 Splines A 10, No./ teeth 9, Rotation CR



230757 Drive
 Replacing: 85540381
 Servicing: 50246532, 63101003, 63221800,
 63221834, 63221890, 63221892, 63223031,
 63223033
 ID 11.60, OD 25.30,
 OD/ housing 43.45, Total length 64.10,
 Splines A 12, No./ teeth 9, Rotation CR
 Drive only: HC-CARGO 132119.


230804 Drive

Replacing: 85541710

Servicing: 063102018010, 063102021010, 63101015, 63101021, 63101022, 63101023, 63102020, 63102022, 63103024

 ID 11.55, OD 23.50,
 OD/ housing 45.00, Total length 64.00,
 Splines A 12, No./ teeth 8, Rotation CR
 Drive only: HC-CARGO 139655.

231330 Drive

 ID 14.00, OD 34.35,
 OD/ housing 60.00, Total length 77.25,
 Splines A 6, No./ teeth 9, Rotation CR

231414 Drive

Replacing: 85541220

Servicing: 63102000, 63103019, 63192000, 63223106

 ID 11.65, OD 27.80,
 OD/ housing 45.00, Total length 63.30,
 Splines A 12, No./ teeth 8, Rotation CR

231478 Drive

Replacing: 85541390

Servicing: 63101007, 63191007

 ID 11.00, OD 25.40,
 OD/ housing 45.25, Total length 57.50,
 Splines A 12, No./ teeth 9, Rotation CR

231899 Drive

Replacing: 85541300

Servicing: 63113001, 63113002, 63193001

 ID 12.00, OD 35.00,
 OD/ housing 47.00, Total length 50.50,
 Splines A 10, No./ teeth 11, Rotation CR

233331 Drive

Replacing: 54294771

Servicing: 63111001, 63191001, 63223534

 ID 12.00, OD 27.95,
 OD/ housing 48.00, Total length 65.75,
 Splines A 10, No./ teeth 8, Rotation CR

233945 Drive

Replacing: 85541180

Servicing: 63223304

 ID 12.00, OD 26.45,
 OD/ housing 45.00, Total length 80.00,
 Splines A 12, No./ teeth 9, Rotation ACR

233946 Drive

Replacing: 85541810, 85541750

Servicing: 63111010, 63111016, 63111017, 63111036

 ID 12.00, OD 25.40,
 OD/ housing 47.00, Total length 48.45,
 Splines A 10, No./ teeth 9, Rotation CR

234921 Drive

Replacing: 72397101

Servicing: 63216703, 63216725, 63216726, 63216727, 63216801, 63216808, 63216826, 63216873, 63217104, 63217105, MT67A, mt67aa

 ID 14.20, OD 34.50,
 OD/ housing 60.20, Total length 77.15,
 Splines A 6, No./ teeth 9
 w/ lever. Drive only: HC-CARGO 131109.

234922 Drive

Replacing: 72139007

Servicing: 63216727, 63216740, 63216827, 63216898, 63217118, 63217119, 63217147, mt67ac, mt67ca, mt68ac, mt68lb, mt71da, mt71t

 ID 14.20, OD 34.45,
 OD/ housing 60.20, Total length 77.35,
 Splines A 6, No./ teeth 9
 w/ lever. Drive only: HC-CARGO 131109.

235427 Drive

Replacing: 54295253

Servicing: 63226688, 63227041

 OD 43.00, OD/ housing 67.00, Total length 48.00,
 Splines A 9, No./ teeth 10, Rotation ACR

235428 Drive

Replacing: 85541370

Servicing: 26950, 63226849, 63226950

 ID 12.10, OD 36.00,
 OD/ housing 86.00, Total length 52.00,
 Splines A 9, No./ teeth 11, Rotation ACR



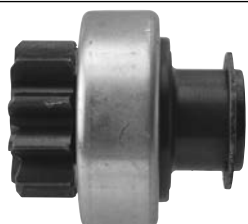
235663 Drive
 Servicing: 63280040, 63280041
 ID 28.50, OD 40.63,
 OD/ housing 60.10, Total length 73.14,
 Splines A 10, No./ teeth 10, Rotation CR



238793 Drive
 Servicing: 63114017, 63222005
 ID 12.00, OD 28.77,
 OD/ housing 59.19, Total length 64.01,
 Splines A 10, No./ teeth 9, Rotation CR



239080 Drive
 Replacing: 85553621
 Servicing: 63280091
 ID 11.00, OD 30.00,
 OD/ housing 44.82, Total length 43.23,
 Splines A 10, No./ teeth 11, Rotation CR



332145 Drive
 Servicing: 063280071010
 ID 12.00, OD 34.89,
 OD/ housing 49.50, Total length 50.47,
 Splines A 10, No./ teeth 11,
 Drive type Steel, Rotation CR



333125 Drive
 Replacing: 74869711
 Servicing: 63220107, 63220108, 63220137,
 63220138
 ID 11.55, OD 25.25,
 OD/ housing 40.50, Total length 62.60,
 Splines A 2, No./ teeth 9,
 Drive type Steel, Rotation ACR

Drive Parts

Caps



134203 Dp Cap
 ID 48.05, OD 49.70



230082 Dp Cap
 ID 61.00, OD 62.75



237957 Dp Cap
 Servicing: 85541300
 ID 48.00, OD 49.75

Gaskets

Pkg. 100



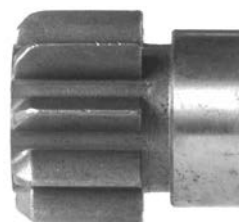
134763# Gasket
 ID 33.90, OD 42.40, Thickness 2.00,
 Material Rubber

Gears

Pkg. 10



134196 Dp Gear
 ID 11.60, OD 25.30, Height 27.30,
 No./ teeth 9



134197 Dp Gear
 ID 11.65, OD 25.30, Height 27.85,
 No./ teeth 9

Rollers

Pkg. 100



134217 Dp Rollers
 OD 8.00, Length 18.00

Pkg. 500



134243 Dp Rollers
OD 6.00, Length 8.55

Pkg. 500



134246 Dp Rollers
OD 8.00, Length 13.90

Pkg. 100



134821 Dp Rollers
OD 4.00, Length 7.95

Pkg. 100



135189 Dp Rollers
OD 5.55, Length 10.75

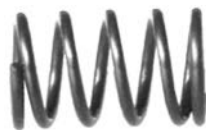
Pkg. 100



230480 Dp Rollers
OD 7.90, Length 13.80

Springs

Pkg. 500



134221 Dp Springs
OD 5.85, Length 9.10

Pkg. 100



134822 Dp Springs
OD 3.20, Length 9.50

Pkg. 100



135190 Dp Springs
OD 4.00, Length 10.40

Washers



138574# DP Washer
ID 32.20, OD 56.10, Thickness 5.60,
Material Plastic

Pkg. 5



230286# DP Washer
ID 30.65, OD 56.35, Thickness 5.90,
Material Plastic

Dp Caps

Pkg. 10



231609 Dp Cap
ID 59.31, OD 61.15

Planet Gears



135712 Planet Gear
Replacing: 85540822, 85540821
Servicing: 63111000, 63223430, 63223431,
63223432, 63223433, 63223434, 63223435,
63223436, 63223438, 63223494, 63223530,
63223531
Shaft dia./ middle 11.90,
Total length 127.25, Splines 10



138547# Planet Gear
Replacing: 85541372
Servicing: 63226801
Shaft dia./ middle 11.90,
Total length 120.25, Splines 9



138791 Planet Gear
Replacing: 85541290, 85541240
Servicing: 63111005, 63111006, 63111007,
63111008, 63111009, 63111018, 63111023,
63111027, 63111037, 63111043, 63112003,
63113001
Shaft dia./ middle 11.97,
Total length 120.35, Splines 10,
Rotation CR

Gear Parts

Gear Shafts



230823 Gear Shaft

Servicing: 63114008, 63114010, 63114014, 63114017, 63222005

OD/ shaft 15.00, Total length 120.00, No./ splines 10



235730 Gear Shaft

Servicing: 63280040, 63280041

OD/ shaft 11.95, Total length 142.90, No./ splines 10

Outer Gear



139628 Gear Housing

Replacing: 83227000

Servicing: 63114014, 63114017, 63222005

Pkg. 5



232912 Outer Gear

Servicing: 63223538

ID 51.50, OD 61.80, Height 25.35, No./ teeth 59



235308 Gear Cover

Servicing: 63111001, 63111005, 63111006, 63111007, 63111008, 63111018, 63111037, 63112003, 63113001, 63113002, 63191001, 63193001

ID 67.09, OD 70.34

Gear Wheels

Pkg. 3



230285 Gear Wheel

Servicing: 85540822

ID 6.00, OD 19.00, Height 8.40, No./ teeth 13

Pkg. 10



233124 Gear Wheel

Servicing: 63223538

ID 9.97, OD 21.42, Height 5.58, No./ teeth 22

Bushing: 6.00x9.97x7.90 mm.



233462 Gear Wheel

Servicing: 63111000, 63223431, 63223432, 63223435, 63223436, 63223438, 63223530, 63223531, 63223532, 63223639

ID 46.70, OD 58.70, Height 13.85, No./ teeth 37

Gear Plates



139650 Gear Plate

Servicing: 85540821

ID 19.20, OD 55.60

Pkg. 5



234571 Gear Plate

Servicing: 63111001, 63111005, 63111006, 63111007, 63111008, 63111010, 63111016, 63111018, 63111036, 63111037, 63112003, 63113001

ID 19.00, OD 66.75, Thickness 5.25, Gasket w/o

Levers



131784 Lever

Replacing: 74881280

Servicing: 63221300, 63221302, 63221303, 63221304, 63221305, 63221306, 63221307, 63221308, 63221309, 63221330, 63221332, 63221333

Dist. 45.60, ID 7.10, Length 98.00



132202 Lever

Replacing: 74869941

Servicing: 63201000, 63201002, 63201004, 63201005, 63201100, 63270201, 63270202, 63270205, 63270206, 63270221, 63270223, 63270224

Dist. 41.35, ID 8.00, Length 124.70



Pkg. 5

135335 Lever

Servicing: 63216725, 63216726, 63216727, 63216731, 63216740, 63216741, 63216747, 63216748, 63216800, 63216815, 63216825, 63216826

Dist. 45.50, ID 8.00, Length 110.30


139133 Lever

Replacing: 74886560

Servicing: 63220505, 63220506, 63220535, 63220536, 63220537, 63220538

Dist. 41.50, ID 7.15, Length 89.60


139134# Lever

Replacing: 74868371

Servicing: 63220400, 63220402, 63220403, 63220408, 63220409, 63220430, 63220432, 63220433, 63220438, 63220439, E76-0.5/12S-V9

Dist. 30.45, ID 8.20, Length 86.60

Lever Parts
Various


Pkg. 5

139886 Lever Support

Servicing: 83221531, 83221541, 85540321, 85540411, 85541040



Pkg. 5

230420 Lever Support

Servicing: 85541160

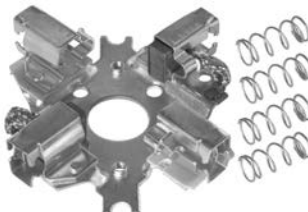
ID 37.55, OD 45.90, Height 3.45

Clutches

130328 Clutch

Replacing: 74350265, 72294601

Servicing: 63211627, 63211665, 63211669, 63213127, 63213853, 63213855, 63214349, 63214371, 63214376, 63216225, 63216233, 63216325

Brush Gears

131184 Brush Gear

Replacing: 79026095

OD 86.25

w/ neg. brushes. Brush set: HC-CARGO BSX974.


132303 Brush Gear

Replacing: 79033957

OD 86.25

w/ neg. brushes. Brush set: HC-CARGO BSX134-1444.


132304 Brush Gear

Replacing: 79044568

OD 86.70

w/ neg. brushes. Brush set: HC-CARGO BSX1164.


134041 Brush Gear

Replacing: 72164701

Servicing: 63216817, 63216818, 63216831, 63216852, 63216884, 63216896, mt68ad, mt68lc, MT68PB, MT68RA, MT68T

OD 93.85

Brush set: HC-CARGO MASX15-164. Spring: HC-CARGO 234678.


134291 Brush Gear

Replacing: 74891101, 74881151

Servicing: 63221300, 63221302, 63221303, 63221330, 63221332, 63221333, 63221334, 63221335, 63221338, 63221400, 63221401, 63221403

OD 89.75

Neg. brushes. Brush set: HC-CARGO JSX21-224.


134670 Brush Gear

Replacing: 72165001

Servicing: 63216731, 63216741, MT67AA, mt67ad, mt67cb

OD 91.55

Neg. brushes. Brush set: HC-CARGO MASX21-224.



134681 Brush Gear

Replacing: 72366601

Servicing: 63216800, 63216808, 63216814, 63216815, 63216816, 63216825, 63216826, 63216827, 63216833, 63216851, 63216852, 63216859

OD 48.50



135242 Brush Gear

Replacing: 72164102

Servicing: 63217226, mt72ab

24 V, OD 92.30

Neg. brushes. Brush set: HC-CARGO MAX27-284.



135565 Brush Gear

Replacing: 83227260, 83227226, 83227131, 83226683, 83222681, 83220461

Servicing: 30002A, 30003A, 63111000, 63111001, 63111005, 63111006, 63111007, 63111008, 63111009, 63111010, 63111016, 63111017

OD 61.25

Brush set: HC-CARGO JSX33-344. Spring: HC-CARGO 138639.



135604 Brush Gear

Replacing: 72164101, 135604

Servicing: 63217126, 63217148, 63217154, 63217156, 63217158, 63217163, 63217180, 63217186, 63217188, 63217407, 63217408, 63217410

12 V, OD 90.00

Neg. brushes. Brush set: HC-CARGO MASX25-264.



136204 Brush Gear

Replacing: 83226216, 83225359, 83224461, 83221241

Servicing: 30002A, 30003A, 50246532, 50246648, 63101000, 63102000, 63102003, 63102004, 63102007, 63102008, 63103002, 63103003

OD 66.85

Neg. brushes. Brush set: HC-CARGO JSX35-374.



136734 Brush Gear

Replacing: 72362601

Servicing: 63216701, 63216702, 63216703, 63216704, 63216706, 63216707, 63216710, 63216725, 63216726, 63216727, 63216733, 63216738

24 V



138534 Brush Gear

Replacing: 83225326

Servicing: 30000A, 30001A, 63101000, 63101002, 63101008, 63201008, 63222888, 63222889, 63222897, 63222905, 63222908, 63222909

12 V, OD 67.20

Neg. brushes. Brush set: HC-CARGO JSX38-412.



138535 Brush Gear

Replacing: 83225886

Servicing: 30000A, 30001A, 63103019, 63103022, 63103023, 63103024, 63103025, 63103026, 63223039, 63223104, 63223304, 63230001

12 V, OD 67.15

Neg. brushes. Brush set: HC-CARGO JSX43-45-574.



138537 Brush Gear

Replacing: 85540691, 85540341

Servicing: 63114008, 63114010, 63221801, 63221831, 63222000, 63222001, 63222030, 63222031, 63222034, 63222035, 63222036, 63222038

12 V, OD 74.00

2.2 kW. Neg. brushes. Brush set: HC-CARGO JSX31-32.



138538 Brush Gear

Replacing: 85540351

Servicing: 63101003, 63221800, 63221830, 63221832, 63221834, 63221890, 63221892

12 V, OD 73.65

Neg. brushes. Brush set: HC-CARGO JSX21-22.



139627 Brush Gear

Replacing: 83226336

Servicing: 63114014, 63114017, 63222005, 63280040

12 V, OD 69.50

2.6 kW. Neg. brushes. Brush set: HC-CARGO JSX31-32.

Brush Gear Parts

Brush Holders

Pkg. 10



134115 Brush Holder

Replacing: 74893830

Servicing: 63101003, 63221800, 63221830, 63221831, 63221832, 63221834, 63221890, 63221892



134798 Brush Holder

Replacing: 74894441

Servicing: 50246416, 63114008, 63114010, 63221801, 63221831, 63222000, 63222001, 63222030, 63222031, 63222034, 63222035, 63222036

Brush Springs



135768 Brush Spring

Replacing: 72364310

Servicing: 63201004, 63216741, 63217126, 63217147, 63217201, 63217225, 63217226, MT67CB, MT71A, MT71AA, MT71AB, mt71d, mt71da

OD 16.15, Length 29.35



135769 Brush Spring

Replacing: 74703210

Servicing: 63201000, 63201004, 63201005, 63201100, 63220536, 63220537, 63220701, 63220703, 63220704, 63220706, 63220721, 63220724

OD 14.00, Length 29.30



135770 Brush Spring

Replacing: 72363110

Servicing: 63216725, 63216726, 63216727, 63216731, 63216740, 63216747, 63216748, 63216800, 63216814, 63216815, 63216825, 63216826

OD 15.65, Length 30.75



138639 Brush Spring

Servicing: 30000A, 30001A, 30002A, 30003A, 50246532, 50246648, 63101002, 63101008, 63102000, 63102003, 63102007, 63102008

OD 10.90, Length 22.30



234678 Brush Spring

Servicing: 63216731, 63216741, 63216831, 63216884, MT67AA, mt67ad, mt67cb, mt68ad, mt68lc, MT68PB, MT68RA

OD 15.50, Length 28.10

Various



133967 Insulator



139838 Washer

Servicing: 63217105, 63217118

ID 16.00, OD 42.75, Thickness 1.00, Material Steel

Brush Sets



141094 Brush Set

Servicing: E80SL, 63101007, 63191007

12 V, Length 17.00, Lead length 27.00, Height 8.00, Thickness 7.00



JSX134 Brush Set

Replacing: 74874701, 74866041

Servicing: E100

12 V, Length 20.00, Lead length 33.50, Height 16.00, Thickness 7.00

Alternative no.: JS13



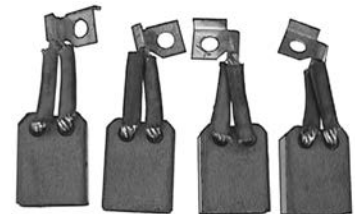
JSX162 Brush Set

Replacing: 74868181, 74861781

Servicing: E84, 63220700, 63220732, 63220735, 63220740, 63220741, 63220743, 63220744, 63220746, 63220830, 63220833, 63220834

12 V, Length 19.00, Lead length 31.00, Height 17.00, Thickness 8.00

Alternative no.: JS16

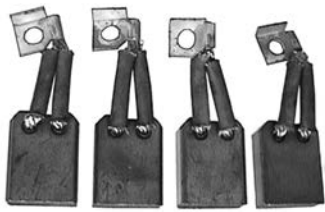


JSX184 Brush Set

Replacing: 74838701

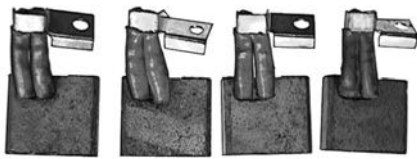
Servicing: 63224580

24 V, Length 28.00, Lead length 36.00, Height 22.00, Thickness 10.00
M125-4/24.


JSX194 Brush Set

Replacing: 74846001

Servicing: 63224600, 63224602, 63224691, M125M3-Z9(3/12)

 12 V, Length 28.00, Lead length 27.49, Height 22.00, Thickness 10.00
 M125-3/12.

JSX204 Brush Set

Replacing: 74734101

Servicing: 63224301, 63224302, 63224398, 63225301, 63225303, 63225391, 63225398, 63226300, 63226302, 63226391

 24 V, Length 30.00, Lead length 34.50, Height 35.00, Thickness 11.50
 M130-7/24.

JSX21-22 Brush Set

Replacing: 74881121, 74880941

Servicing: E95, 63221633

12 V, Length 17.50, Lead length 186.00, Lead length 2 41.00, Height 13.00, Thickness 6.00


JSX23-24-28 Brush Set

Replacing: jsx23-24-28, 74891260, 74887911, 74887901

Servicing: E100, 63223203, 63223230, 63223235, 63223236, 63223237, 63223330, 63223332

12 V, Length 20.00, Lead length 57.50, Lead length 2 36.00, Height 15.50, Thickness 7.00


JSX29-302 Brush Set

Replacing: 74893811, 74893801

Servicing: E95C

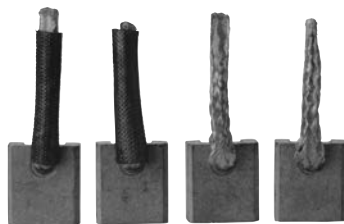
12 V, Length 17.50, Lead length 48.82, Height 13.00, Thickness 6.00


JSX31-32 Brush Set

Replacing: 7489439/1, 7489438/1

Servicing: E95R, 50246416, 63114008, 63114010, 63221801, 63221831, 63222000, 63222001, 63222030, 63222031, 63222034, 63222035

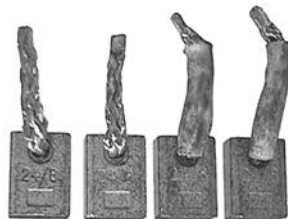
12 V, Length 18.00, Lead length 39.63, Lead length 2 138.14, Height 19.00, Thickness 8.00


JSX33-344 Brush Set

Replacing: jsx33-344, 83227258, 83227257

Servicing: E70R, 63111000, 63111001, 63111005, 63111006, 63111007, 63111008, 63111010, 63111016, 63111017, 63111018, 63111023

12 V, Length 16.34, Lead length 34.00, Height 14.85, Thickness 5.90


JSX35-364 Brush Set

Replacing: jsx35-364, 93221201, 83221191

Servicing: E80, 50246532, 50246648, 63223031, 63223033, 63223034, 63223035, 63223304

12 V, Length 17.50, Lead length 34.00, Lead length 2 28.50, Height 13.00, Thickness 7.00


JSX35-374 Brush Set

Replacing: jsx35-374, 83221681

Servicing: E80E, 63222831, 63222836, 63222837, 63223034

12 V, Length 17.50, Lead length 116.00, Lead length 2 28.00, Height 13.00, Thickness 7.00


JSX38-39-403 Brush Set

Replacing: jsx38-39-403, 83227491, 83227490, 83224481

Servicing: E80E, 30002A, 30003A, 63101000, 63102000, 63102003, 63102004, 63102007, 63102008, 63103002, 63192000, 63222900

12 V, Length 17.50, Lead length 42.00, Lead length 2 29.00/26.00, Height 13.00, Thickness 7.00


JSX38-412 Brush Set

Replacing: jsx38-412, 83225266

Servicing: E80E, 30000A, 30001A, 63101002, 63101008, 63222888, 63222889, 63222897, 63222905, 63222908, 63222909, 63222936

12 V, Length 17.50, Lead length 28.00, Height 13.00, Thickness 7.00


JSX40-46-474 Brush Set

Replacing: jsx40-46-474, 83226189, 83226148

Servicing: E80E, 63103003, 63103007, 63103008, 63103015, 63103019, 63103022, 63103031, 63223182

12 V, Length 17.50, Lead length 66.00, Lead length 2 28.00, Height 13.00, Thickness 7.00



JSX43-45-444 Brush Set

Replacing: jsx43-45-444, 83225824, 83225823, 83225822

Servicing: E80E, 63223039, 63293039
12 V, Length 19.50, Lead length 65.00, Lead length 2 28.00, Height 13.00, Thickness 7.00



JSX51-52-593 Brush Set

Replacing: jsx51-52-593, 83227370, 83227364

Servicing: E80F, 063102018010, 063102021010, 63102020, 63102022, 63103024

12 V, Length 19.50, Lead length 36.00, Lead length 2 29.00, Height 8.00, Thickness 7.00



JSX51-52-634 Brush Set

Replacing: jsx51-52-634, 83227357

Servicing: E80F

12 V, Length 19.50, Lead length 81.00, Lead length 2 28.00, Height 8.00, Thickness 7.00



JSX51-522 Brush Set

Replacing: jsx51-522, 83227362

Servicing: E80F, 63101015, 63101018, 63101021, 63101022, 63101023

12 V, Length 19.50, Lead length 26.00, Height 8.00, Thickness 7.00



JSX52 Brush Set

Replacing: 83226920, 83226919, 74868171

Servicing: 63201000, 63201001, 63201002, 63201003, 63201004, 63201005, 63201101, 63220107, 63220108, 63220137, 63220138, 63220232

12 V, Length 17.00, Lead length 24.50, Height 16.00, Thickness 6.00
Alternative no.: JS5



JSX53-54 Brush Set

Replacing: jsx53-54

Servicing: E95RL, 63114014, 63114017, 63222005

12 V, Length 20.00, Lead length 33.65, Lead length 2 162.46, Height 19.00, Thickness 8.00

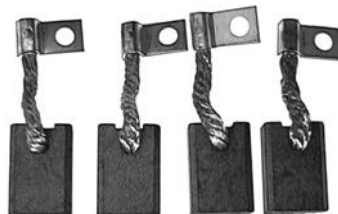


JSX61-62-634 Brush Set

Replacing: jsx61-62-634, 83227652, 83227584, 83227383

Servicing: D80F

12 V, Length 19.50, Lead length 81.00, Lead length 2 28.00, Height 8.00, Thickness 7.00

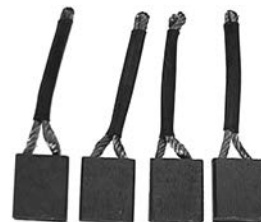


JSX94 Brush Set

Replacing: 74702610

Servicing: E115-3/24, 63223800, 63223802, 63223807, 63223830, 63223832

24 V, Length 20.00, Lead length 32.61, Height 14.00, Thickness 6.50



LASX314 Brush Set

Replacing: 85541476

Servicing: M50, 63227569

12 V, Length 22.20, Lead length 63.00, Height 19.00, Thickness 7.90



LASX364 Brush Set

Replacing: 85541333

Servicing: M50, M127, 63227570, 63227592, 63227606

12 V, Length 26.00, Lead length 67.50, Height 20.00, Thickness 9.00



MASX13-144 Brush Set

Replacing: 72363202, 72363201/02, 72363201

Servicing: MT67, 63216701, 63216702, 63216703, 63216704, 63216706, 63216707, 63216710, 63216725, 63216726, 63216727, 63216733

24 V, Length 23.00, Lead length 44.00, Height 25.00, Thickness 8.00



MASX15-164 Brush Set

Replacing: 72363207, 72363205/06, 72363203/04

Servicing: MT68, 63216800, 63216814, 63216815, 63216825, 63216826, 63216827, 63216851, 63216874, 63216876, 63216884, MT62BA, MT68A

12 V, Length 23.00, Lead length 42.00, Height 25.00, Thickness 10.00



MASX17-184 Brush Set

Replacing: 72383701/02

Servicing: MT71, MT71Z

12 V, Length 23.00, Lead length 42.00, Height 16.00, Thickness 9.00



MASX19-204 Brush Set

Replacing: 72383705/06, 72383703/04

Servicing: MT72, 63217201, 63217225, MT72A, MT72AA

24 V, Length 23.00, Lead length 43.00, Height 16.00, Thickness 9.00



MASX21-224 Brush Set

Replacing: 72162402, 72162401

Servicing: MT67, 63216725, 63216726, 63216727, 63216731, 63216740, 63216741, MT67A, MT67AA, MT67AB, MT67AD, MT67CA, MT67CB

Length 23.00, Lead length 36.00, Height 25.00, Thickness 8.00



MASX23-244 Brush Set

Replacing: 72162404, 72162403

Servicing: MT68, 63216815, 63216817, 63216818, 63216831, 63216851, 63216852, 63216861, 63216876, 63216884, 63216896, MT68AD

12 V, Length 23.00, Lead length 35.00, Height 25.00, Thickness 10.00



MASX25-264 Brush Set

Replacing: masx25-264, 72161302, 72161301

Servicing: MT71, 63217126, 63217147, MT71A, MT71AA, MT71AB, MT71D, MT71DA, MT71DB, MT71E, MT71T, MT71TA, MT71Z, MT74L

12 V, Length 23.00, Lead length 37.00, Height 16.00, Thickness 9.00



MASX27-284 Brush Set

Replacing: masx27-284, 72161304, 72161303

Servicing: MT72, 63217201, 63217225, 63217226, MT72A, MT72AA, MT72AB

24 V, Length 23.00, Lead length 36.50, Height 16.00, Thickness 9.00

Brushes

Pkg. 100



JS13 Brush

Replacing: JSX134

12 V, Length 19.80, Lead length 32.20, Height 15.88, Thickness 6.93
Alternative no.: JSX134

Pkg. 100



JS13/0 Brush

Replacing: JSX134

12 V, Length 19.74, Lead length 32.25, Height 15.85, Thickness 6.95



Pkg. 100

JS16 Brush

Replacing: JSX162

12 V, Length 18.75, Lead length 31.60, Height 16.90, Thickness 7.95
Alternative no.: JSX162

Pkg. 100



JS16/0 Brush

Replacing: JSX162

12 V, Length 18.95, Lead length 31.50, Height 16.90, Thickness 7.95
Alternative no.: JSX162

Pkg. 100



JS21 Brush

Replacing: JSX21-22

12 V, Length 17.55, Lead length 185.00, Height 12.89, Thickness 6.00
Alternative no.: JSX21-22

Pkg. 100



JS22 Brush

Replacing: JSX21-22

12 V, Length 17.48, Lead length 40.20, Height 12.85, Thickness 5.93
Alternative no.: JSX21-22



Pkg. 100

JS25 Brush

Replacing: JS25

 12 V, Length 17.45, Lead length 140.00,
Height 12.95, Thickness 5.90


Pkg. 100

JS33 Brush

Replacing: 83227258, 83227257

 Servicing: E70R, 63111000, 63111005,
63111006, 63111008, 63111018, 63111023,
63111037, 63111043, 63112003, 63113001,
63113002

 12 V, Length 16.34, Lead length 34.00,
Height 14.85, Thickness 5.90


Pkg. 100

JS34 Brush

Replacing: 83227258, 83227257

 Servicing: E70R, 63111000, 63111005,
63111006, 63111008, 63111018, 63111023,
63111037, 63111043, 63112003, 63113001,
63113002

 12 V, Length 16.34, Lead length 34.00,
Height 14.85, Thickness 5.90


Pkg. 100

JS5 Brush

Replacing: JSX52

 12 V, Length 17.00, Lead length 29.50,
Height 16.00, Thickness 5.95
Alternative no.: JSX52


Pkg. 100

JS5/0 Brush

Replacing: JSX52

 12 V, Length 17.03, Lead length 29.38,
Height 15.94, Thickness 5.95
Alternative no.: JSX52


Pkg. 100

MAS17 Brush

Replacing: MASX17-184

 12 V, Length 23.00, Lead length 44.00,
Height 15.90, Thickness 8.75
Alternative no.: MASX17-184

Bushings


Pkg. 10

140046 Bushing

Replacing: 74705710

 Servicing: 63222408, 63222438, 63222506,
63223203, 63223236, 63223237, 63223330,
63223332, E100-1.3/12V8

 ID 12.00, OD 16.00, Length 16.90
Alternative no.: B140046


Pkg. 10

140047 Bushing

Replacing: 74860380

Servicing: 63221408, 63291405

 ID 10.08, OD 14.02, Length 15.00
Alternative no.: B140047


Pkg. 10

140048 Bushing

Replacing: 74860300

 Servicing: 63111000, 63111001, 63111005,
63111006, 63111007, 63111008, 63111010,
63111016, 63111017, 63111018, 63111036,
63111037

 ID 12.00, OD 16.00, Length 13.90
Alternative no.: B140048


Pkg. 10

140049 Bushing

Replacing: 74866140

 Servicing: 63222408, 63222438, 63222506,
E100-1.3/12V8

 ID 12.11, OD 16.01, Length 24.00
Alternative no.: B140049


Pkg. 10

140050 Bushing

Replacing: 74868210

 Servicing: 063102018010, 063102021010,
63101002, 63101015, 63101018, 63101021,
63101022, 63101023, 63102003, 63102020,
63102022

 ID 10.08, OD 14.02, Length 13.50
Alternative no.: B140050


Pkg. 10

140065 Bushing

Replacing: 74705810

 ID 14.07, OD 18.05, Length 20.15
Alternative no.: B140065



140107 Bushing

Replacing: mdmb671505z, mdma671505z
 ID 34.50, OD/ collar 50.10, OD 40.15,
 Length 43.00, Height/ collar 16.80

Pkg. 10



140109 Bushing

Replacing: 74825410
 Servicing: 63224580, 63224600, M125M3-
 Z9(3/12)
 ID 16.12, OD 22.00, Length 19.00

Pkg. 10



140110 Bushing

Replacing: 74826710
 Servicing: 63224580, 63224600, M125M3-
 Z9(3/12)
 ID 16.25, OD 22.02, Length 29.00

Pkg. 10



140200 Bushing

Replacing: 72362510
 Servicing: 63216703, 63216725, 63216726,
 63216727, 63216731, 63216740, 63216741,
 63216747, 63216748, 63216800, 63216814,
 63216815
 ID 12.60, OD 18.55, Length 19.70
 Alternative no.: B140200

Pkg. 10



140201 Bushing

Replacing: 72365010
 Servicing: 63216703, 63216725, 63216726,
 63216727, 63216731, 63216741, 63216747,
 63216748, 63216800, 63216814, 63216815,
 63216825
 ID 20.31, OD 24.00, Length 13.90
 Alternative no.: B140201

Pkg. 10



140202 Bushing

Replacing: 72362910, 62362910
 Servicing: 63216703, 63216725, 63216726,
 63216727, 63216731, 63216740, 63216741,
 63216747, 63216748, 63216800, 63216814,
 63216815
 ID 14.16, OD 20.06, Length 12.00
 Alternative no.: B140202

Pkg. 10



140211 Bushing

Replacing: 74798210
 ID 18.13, OD 24.02, Length 28.00

Pkg. 10



140268 Bushing

Replacing: 74881110
 Servicing: 63114014, 63221300, 63221302,
 63221303, 63221330, 63221333, 63221400,
 63221401, 63221403, 63221404, 63221408,
 63221431
 ID 12.09, OD 16.00, Length 12.00
 Alternative no.: B140268

Pkg. 10



140269 Bushing

Replacing: 74887310
 ID 12.03, OD 16.02, Length 17.00
 Alternative no.: B140269

Pkg. 10



140270 Bushing

Replacing: 74887890, 74887810
 Servicing: 63223203
 ID 12.07, OD 16.02, Length 11.30
 Alternative no.: B140270

Pkg. 10



140452 Bushing

Replacing: 74827010
 Servicing: 63224580, 63224600, M125M3-
 Z9(3/12)
 ID 24.20, OD 29.00, Length 18.00

Pkg. 10



140614 Bushing

Servicing: 50246416, 63114008, 63114010,
 63114014, 63114017, 63221801, 63221831,
 63222000, 63222005, 63222030, 63222034,
 63222036
 ID 15.18, OD 18.12, Length 11.90
 Alternative no.: B140614

Pkg. 10


140653 Bushing

Servicing: 63111000, 63111001, 63111005,
 63111006, 63111007, 63111008, 63111010,
 63111016, 63111018, 63111036, 63111037,
 63112003

ID 8.10, OD 12.00, Length 8.75

Pkg. 10


140654 Bushing

Servicing: 63111000, 63111005, 63111008,
 63111018, 63113001, 63113003, 63193001,
 63223431, 63223432, 63223433, 63223435,
 63223436

ID 18.16, OD 23.05, Length 7.43

Pkg. 10


140690 Bushing

ID 11.53, OD 13.50, Length 23.00
 Alternative no.: B140690


140827 Bushing Kit

Servicing: 63216884, MT68PB

Pkg. 10


140947 Bushing

Servicing: 63111001, 63111005, 63111006,
 63111008, 63111010, 63111016, 63111017,
 63111018, 63111023, 63111036, 63111037,
 63111043

ID 8.02, OD/ collar 14.50, OD 11.50,
 Length 9.98, Height/ collar 1.50
 Alternative no.: B140947

Pkg. 10


140948# Bushing

ID 15.07, OD 18.20, Length 14.00

Pkg. 10


141017 Bushing

ID 18.03, OD 23.00, Length 9.20

Pkg. 10


141091 Bushing

Servicing: 63101007, 63191007
 ID 8.12, OD/ collar 14.10, OD 11.55,
 Length 9.00, Height/ collar 1.50

Pkg. 10


141092 Bushing

Servicing: 63111007
 ID 11.15, OD 13.97, Length 13.90

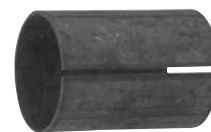
Pkg. 10


141197 Bushing

Servicing: 63111001, 63111005, 63111006,
 63111007, 63111010, 63111016, 63111036,
 63111037, 63112003, 63113001, 63113002,
 63191001

ID 18.08, OD 23.05, Length 9.30

Pkg. 10


141271 Bushing

Servicing: 138533
 ID 11.90, OD 13.00, Length 18.20

Pkg. 100


B140046 Bushing

Replacing: 74705710
 ID 12.00, OD 16.00, Length 16.90
 Alternative no.: 140046



Pkg. 100

B140047 Bushing

Replacing: 74860380
 ID 10.08, OD 14.02, Length 15.00
 Alternative no.: 140047

Pkg. 100



B140048 Bushing

Replacing: 74860300
 ID 12.00, OD 16.00, Length 13.92
 Alternative no.: 140048

Pkg. 100



B140049 Bushing

Replacing: 74866140
 ID 12.11, OD 16.01, Length 24.00
 Alternative no.: 140049

Pkg. 100



B140050 Bushing

Replacing: 74868210
 ID 10.08, OD 14.02, Length 13.50
 Alternative no.: 140050



Pkg. 100

B140065 Bushing

Replacing: 74705810
 ID 14.07, OD 18.05, Length 20.15
 Alternative no.: 140065

Pkg. 100



B140200 Bushing

Replacing: 72362510
 ID 12.60, OD 18.55, Length 19.70
 Alternative no.: 140200

Pkg. 100



B140201 Bushing

Replacing: 72365010
 ID 20.31, OD 24.00, Length 13.90
 Alternative no.: 140201

Pkg. 100



B140202 Bushing

Replacing: 72362910, 62362910
 ID 14.16, OD 20.06, Length 12.00
 Alternative no.: 140202



Pkg. 100

B140268 Bushing

Replacing: 74881110
 ID 12.09, OD 16.00, Length 12.00
 Alternative no.: 140268

Pkg. 100



B140269 Bushing

Replacing: 74887310
 ID 12.03, OD 16.02, Length 17.00
 Alternative no.: 140269

Pkg. 100



B140270 Bushing

Replacing: 74887890, 74887810
 ID 12.08, OD 16.02, Length 11.30
 Alternative no.: 140270

Pkg. 100



B140614 Bushing

Replacing: 140614
 ID 15.18, OD 18.12, Length 11.90
 Alternative no.: 140614

Pkg. 100



B140690 Bushing

Replacing: 140690
ID 11.53, OD 13.50, Length 23.00
Alternative no.: 140690

Pkg. 100



B140947 Bushing

Replacing: 140947
ID 8.02, OD/ collar 14.50, OD 11.50,
Length 9.98, Height/ collar 1.50
Alternative no.: 140947

Bearings

Needle Bearings

Pkg. 10



140242 Needle Bearing

Replacing: 8322270
Servicing: PMGR series, M78, M79, 63111006,
63111023, 63111043, 63112003, 63113001,
63113002, 63113003, 63193001, 63223537
ID 12.00, OD 16.00, Height 10.00,
Rolls 18

Pkg. 10



140421 Needle Bearing

Replacing: 74905910
Servicing: 5MT
ID 11.13, OD 15.90, Height 12.70, Rolls 15

Pkg. 5



140483 Needle Bearing

Servicing: 50246416, 63221801, 63221831,
63222000, 63222001, 63222030, 63222031,
63222034, 63222036, 63222038, 63222039,
63222130
ID 12.00, OD 18.00, Height 14.00,
Rolls 14

Repair Kits



134029 Repair Kit

Servicing: 63216725, 63216726, 63216727,
63216731, 63216740, 63216741, 63216747,
63216748, 63216800, 63216814, 63216815,
63216825



138373 Repair Kit

Servicing: 63101003, 63221800, 63221830,
63221832, 63221834, 63221892



138374 Repair Kit

Servicing: 63114010, 63221801, 63221831,
63222000, 63222001, 63222030, 63222031,
63222034, 63222035, 63222036, 63222039,
63222130

Sundry Parts

C.E. Covers



133668 C.E. Bracket

Servicing: 63216725, 63216726, 63216727,
63216740, 63216747, 63216748, 63216800,
63216814, 63216815, 63216825, 63216826,
63216827
ID 113.30



134848# C.E. Bracket

Servicing: 63217147, 63217201, 63217225,
MT71A, MT71AA, mt71d, mt71da, MT71E,
mt71t, MT71Z, MT72A, MT72AA



137738 C.E. Bracket

Servicing: 63216741, 63216831, 63216884,
63217226, 63221535, MT67CB, MT68AD,
MT68LC, MT68PB, MT68RA, MT68T, MT71DB,
mt71ta, MT72AB

Pkg. 5



138487 C.E. Bracket

Servicing: 50246532, 63222831, 63222836,
63222837, 63222897, 63223031, 63223033,
63223034, 63223035
ID 18.30, OD 25.75x56.15, Height 18.25,
Rubber w/o



Pkg. 10

232065 Dust Cover

Servicing: M79, M80
OD 15.80, Height 5.60
Tolerance of thickness is +0.10/-0.05 mm.

Oil Seals

Pkg. 10



235524 Oil Seal

Servicing: 63216747, 63216748, 63216874, MT68MA
ID 35.00, OD 50.00, Height 7.00

Thru Bolts

Pkg. 10



231378 Through Bolt

Servicing: 63114010, 63222034, 63222138
Total length 181.25, Thread size M6,
Thread size/ rear M6

Pkg. 10



232066# Through Bolt

Servicing: 63221302, 63221303, 63221333
Total length 136.15, Thread size M6,
Thread size/ rear M6



Pkg. 10

232067 Through Bolt

Servicing: 63111005, 63114014, 63223730
Total length 151.00, Thread size M6,
Thread size/ rear M6

Various

Pkg. 5



133851# Bracket

Servicing: 63217147, MT71D, MT71DA,
mt71e, MT71T, MT71TA



133911 Stop Collar Kit

Servicing: 63224580
For 16.00 mm shaft.



133912 Stop Collar Kit

Servicing: 063102018010, 063102021010,
30000A, 30001A, 30002A, 30003A, 50246532,
50246648, 63101000, 63101002, 63101003,
63101008
For 11.50 mm shaft.



133913 Stop Collar Kit

Servicing: 63222408, 63222438, 63222506,
E100-1.3/12V8, MT68T
For 14.00 mm shaft.



134604 Cover Band

Servicing: 63220700, 63220701, 63220703,
63220704, 63220705, 63220706, 63220721,
63220724, 63220734, 63220743, 63220901
Mount. hole 5.30, OD 95.00, Height 32.00



135359 Stop Collar Kit

Servicing: 63216725, 63216726, 63216727,
63216731, 63216740, 63216741, 63216747,
63216748, 63216800, 63216814, 63216815,
63216825
ID 14.70, OD 20.98, Height 5.98

Pkg. 10



135644 Screw

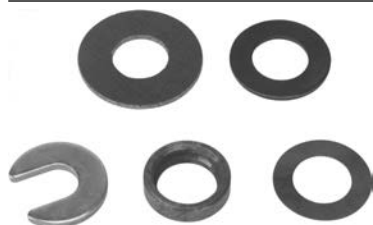
Replacing: 74751110
Servicing: 063102018010, 063102021010,
30000A, 30001A, 30002A, 30003A, 63101002,
63101003, 63101008, 63101015, 63101018,
63101021
Thread M10,
Total length 12.10, Thread length 7.40

Pkg. 10


135969 Grommet

Servicing: 63221300, 63221302, 63221330,
 63221401, 63221431, 63221437, 63221500,
 63221530, 63221532, 63221533, 63221535,
 63221539

Pkg. 5


136321 Insulator

138246[#] Washer Kit

ID/ housing 30.20,
 OD/ housing 40.00, Thickness 0.40

Pkg. 5


138486[#] Gasket

ID/ mount. hole 6.50, Length
 66.45, Thickness 0.50, Width 40.20
 mm, No./ mount. holes 2
 For HC-CARGO 137738.

Pkg. 10


139526 Grommet

Servicing: 63221801, 63221831, 63221832,
 63221890, 63222001, 63222031, 63222034,
 63222035, 63222036, 63222038, 63222039,
 63222131

Pkg. 10


139882[#] Screw

Thread M10x1.00, Total length 14.00,
 Thread length 9.30

Pkg. 5


139889 Spacer

Servicing: 63221431, 63222034, 63222138
 ID 6.40, OD 22.00, Height 17.75

Pkg. 10


231559 Grommet

Servicing: 63101008, 63223035, 63223433,
 63223435, 63223436, 63223438, 63223531

Pkg. 10


232176 Spring/roller retainer

ID 27.90, OD 45.75, Thickness 14.60,
 Material Metal

Pkg. 10


232849 Rubber Bushing

Servicing: 63111001, 63111005, 63111006,
 63111007, 63111008, 63111018, 63111037,
 63112003, 63113001, 63113002, 63191001,
 63193001
 ID 38.40, OD 54.85, Length 9.30


233827 Washer Kit

Servicing: 63216725, 63216726, 63216727,
 63216800, 63216814, 63216825, 63216826,
 63216827, 63216874, 63217201, 63220704,
 63220724

OD 37.10, Thickness 7.00, Material Steel

Pkg. 10


234952 Gasket

Servicing: 063341658000, 063377002010,
 063377008010, 063377423010,
 063377424010, 063377425010, 63321200,
 63321234, 63321270

Length 36.85, Thickness 1.90,
 Width 26.75 mm

Pkg. 10


235237 Spring/roller retainer

Servicing: 85541680, 85541750, 85541810


236184 Spring Kit

Armatures

12 Volt



131929 Armature

Replacing: 443930158061, 0158061
 Servicing: 443115144702, 443115144722, 443115144742, 443115144763, 9144702, 9144703, 9144722, 9144742, 9144743, 9144744, 9144763
 3 kW, Shaft length 324.40, Rotation CR, Core thickness 75.00, No./ splines 12



132383 Armature

Replacing: 443937150600, 443930154860
 Servicing: 02914207, 11490400, 443115142071, 443115142110, 9142110
 0.6 kW, Shaft length 249.50, Rotation CR, Core thickness 57.95, No./ splines 12



132937 Armature

Servicing: 11590400, 443115142112, 443115142350
 0.8 kW, Shaft length 250.00, Rotation ACR, Core thickness 58.00, No./ splines 12



136265 Armature

Replacing: 7150882, 443937150880
 Servicing: 443115141310, 443115141311, 443115141320, 443115141331, 443115141338, 9141310, 9141311, 9141312, 9141317, 9141319
 1 kW, Shaft length 131.00, Core thickness 49.00, No./ teeth 12



231680 Armature

Replacing: 7151542, 7151540, 443937151540
 Servicing: 443115142700, 443115142701, 443115142702, 443115142704, 443115142708, 443115142709, 443115142721, 443115142722
 3 kW, Shaft length 168.00, Core thickness 60.00, No./ teeth 12

Yokes w/magnets

12 Volt



136269 Yoke

Replacing: 7155351, 7150892, 443937150890
 Servicing: 443115141310, 443115141311, 9141310, 9141312, 9141317, 9141319, 9141371, 9141390, 9141391, 9141392, 9141393, 9141396
 12 V, 1 kW, OD/ middle 74.70, Length 54.55, Brush gear w/, Magnets w/
 Brush gear: HC-CARGO 136449.

Field Cases



134803# Field Case

Replacing: 7150161, 443937150161
 Servicing: 11590400, 443115142350
 12 V, 0.8 kW, OD/ middle 92.00, Length 100.00, Brush gear w/o, Magnets w/o

D.E. Brackets



136266 D.E. Bracket

Replacing: 6954930, 443936954930
 Servicing: 443115141310, 443115141311, 9141310, 9141311, 9141399, 9141430

I.M. Brackets



136268 I.M. Bracket

Replacing: 6954940, 443936954940
 Servicing: 443115141310, 443115141311, 443115141320, 9141310, 9141311, 9141312, 9141317, 9141319, 9141320, 9141325, 9141326

Solenoids

12 Volt



130904 Solenoid

Replacing: 443930157911, 0157912
 Servicing: 02914207, 11490400, 443115142062, 443115142063, 443115142071, 443115142110, 443115142112, 443115142162, 9142063
 12 V, B+ M10, Kl. 15a 6.30, Kl. 50 6.30, ID/ cover 24.20, OD 54.70, OD/ cover 55.20, Total length 134.20, Height/ B+ 21.25, Width/ kl. 15a 9.85, Width/ kl. 50 10.25, Coil bolt M10, Coil bolt 2 22.75, No./ terminals 4
 Cap: HC-CARGO 133413.


132120 Solenoid

Replacing: 443930157971, 0157972

Servicing: 443115144420, 443115144620, 443115144702, 443115144722, 443115144724, 443115144742, 443115144763, 9144702, 9144722

 12 V, B+ M10, Kl. 50 6.30, ID/ cover 24.35, OD 54.85, OD/ cover 55.15, Total length 151.35, Height/ B+ 24.45, Width/ kl. 50 10.00, Coil bolt M10, Coil bolt 2 25.25, No./ terminals 3
 Cap: HC-CARGO 135773.

134795 Solenoid

Replacing: 7150242, 443937150241, 443930150241

Servicing: 11590400, 443115142350

 12 V, B+ M10, Kl. 50 6.30, ID/ cover 24.35, OD 55.00, OD/ cover 55.00, Total length 144.45, Height/ B+ 21.45, Width/ kl. 50 10.85, Coil bolt M10, Coil bolt 2 21.35, No./ terminals 3
 Cap: HC-CARGO 135773.

136270 Solenoid

Replacing: 7150872, 443937150870, 113937150870

Servicing: 443115141310, 443115141311, 443115141320, 9141310, 9141311, 9141312, 9141317, 9141319, 9141320, 9141325, 9141326

 12 V, B+ M8, Kl. 50 6.30, ID/ cover 24.10, OD 49.85, OD/ cover 44.65, Total length 114.25, Height/ B+ 21.00, Width/ kl. 50 9.60, Coil bolt M8, Coil bolt 2 20.90, No./ terminals 3
 Cap: HC-CARGO 139329.

231681 Solenoid

Replacing: 7154142, 7153912, 7153612, 7153182, 7153142, 7152762, 7152560, 443937151560

Servicing: 443115142700, 443115142701, 443115142702, 443115142723, 443115142740, 443115142780, 9142700, 9142702, 9142723, 9142724

12 V, B+ M10, Kl. 50 6.30, ID/ cover 24.30, OD 54.80, OD/ cover 55.10, Total length 122.00, Height/ B+ 24.00, Width/ kl. 50 10.00, Coil bolt M8, Coil bolt 2 25.10, No./ terminals 3


235488 Solenoid

Replacing: 7152822

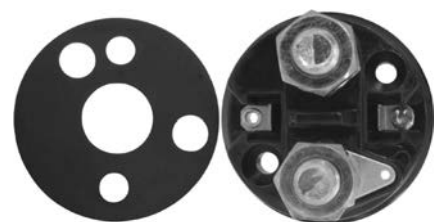
Servicing: 443115141331, 443115141338, 7141331, 7141338, 9141331

 12 V, B+ M8/14.00, ID/ cover 16.80, OD 50.00, OD/ cover 47.80, Switch dim. 8.60, Height/ B+ M8/14.00, No./ terminals 3
 Cap: HC-CARGO 233788.

Solenoid Parts
Solenoid Caps

132282 Solenoid Cap

Replacing: 443936150600

 No./ terminals 3, Bracket type Crimp
 HC-CARGO 132265, 132266, 132267.

133413 Solenoid Cap

Replacing: 443930157540, 0157541

Servicing: 02914207, 11490400, 443115142071, 443115142110, 443115142112, 443930157911

No./ terminals 4

HC-CARGO 130904.


135773 Solenoid Cap

Replacing: 443930157941, 443930157940, 0157941

Servicing: 11590400, 443115142350, 443115144420, 443115144620, 443115144722, 443930157971

No./ terminals 3

HC-CARGO 132120, 134795.


139329 Solenoid Cap

Servicing: 443937150870

 No./ terminals 3, Bracket type Crimp
 HC-CARGO 136270.

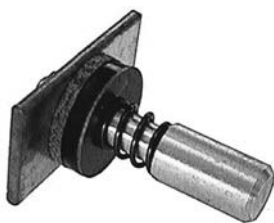
233788 Solenoid Cap

Servicing: 443115141331, 443115141338, 9141331

No./ terminals 3, Bracket type Crimp

Moving Contacts

Pkg. 5



133412 Moving Contact

Replacing: 443930157560, 0157561
 Servicing: 02914207, 11490400,
 11590400, 443115142071, 443115142110,
 443115142112, 443115142350
 Shaft measurement 30.00, Thickness 2.00

Pkg. 5



135772 Spring

Replacing: 316116119950
 Servicing: 443930157971
 OD 10.55, Length 12.00

Pkg. 10



136798 Moving Contact

Replacing: 443930157961, 443930157960,
 0157961
 Shaft measurement 31.15, Thickness 3.00

Pkg. 5



139327 Moving Contact

Servicing: 443115141310, 443937150870
 Shaft measurement 49.55, Thickness 2.60

Pkg. 10



236082 Moving Contact

Replacing: 7152920
 Servicing: 443115141331, 443115141338,
 9141331, 9141338, 9141394, 9141395,
 9141399, 9141413, 9141414
 Length 37.00, Shaft measurement 30.00,
 Thickness 2.00

Drives



130729 Drive

Replacing: 8014251, 443930154211,
 443930154210
 Servicing: 443115144420, 443115144620,
 443115144722, 443115144742, 9144722, 9144742,
 9144743, 9144820, 9144821, 9144840, 9174642
 ID 14.65, OD 40.70,
 OD/ housing 59.00, Total length 91.25,
 Splines A 12, No./ teeth 11



132941 Drive

Replacing: 7150171, 443937150171
 Servicing: 11590400, 443115142350
 ID 12.55, OD 25.35,
 OD/ housing 54.00, Total length 78.95,
 Splines A 12, No./ teeth 9, Rotation ACR



133961 Drive

Replacing: 8014241, 443930154220
 Servicing: 443115144702, 443115174602,
 9144702, 9174602
 ID 14.65, OD 36.50,
 OD/ housing 59.00, Total length 91.20,
 Splines A 12, No./ teeth 9



136267 Drive

Replacing: 7153860, 7152960, 7152860,
 7150860, 443937150860
 Servicing: 443115141310, 443115141311,
 443115141331, 443115141338, 9141310,
 9141311, 9141327, 9141331, 9141391,
 9141392, 9141393
 OD 25.40, Total length 78.45,
 No./ teeth 9, Rotation ACR
 Alternative no.: 136267Z



136267Z Drive

Replacing: 7153860, 7152960, 7152860,
 7150860, 443937150860
 OD 25.40, OD/ housing 44.75,
 Total length 78.65, No./ teeth 9,
 Drive type Steel, Rotation ACR
 Alternative no.: 136267



231679 Drive

Replacing: 7153180
 Servicing: 443115142780, 9142780
 OD 36.00, Total length 107.45,
 No./ teeth 10, Rotation CR



233730 Drive

Replacing: 8014271, 443930154191
 Servicing: 443115144723, 443115144724,
 443115144763, 443115144764, 9144724,
 9144744, 9144763, 9144764, 9144820
 ID 14.65, OD 34.50,
 OD/ housing 59.00, Total length 91.00,
 Splines A 12, No./ teeth 9
 10 holes.



234445 Drive
 Replacing: 71553360, 7153360
 Servicing: 443115142780, 9142724, 9142860
 OD 45.60, Total length 105.75,
 No./ teeth 13, Rotation CR



234812 Drive
 Replacing: 7151271
 Servicing: 9144703, 9144764, 9144765
 ID 16.00, OD 39.55, Total length 91.70,
 Splines A 10, No./ teeth 10, Rotation CR

Drive Parts

Rollers



239300 Roller
 OD 5.00, Length 10.00

Pinion



231877 Pinion
 Servicing: 443937150860
 OD 25.35, Height 79.10, Splines 10,
 No./ teeth 9

Levers



133411 Lever
 Replacing: 443930158411, 443930158410,
 0158411
 Servicing: 02914207, 11490400, 11590400,
 443115142071, 443115142110, 443115142112,
 443115142350, 9142063, 9142110, 9142112
 Dist. 30.10, ID 8.15, Length 85.85

Pkg. 5



139615 Lever
 Replacing: 5233420
 Servicing: 443115141310, 443115141311,
 443115141320, 443115141331,
 443115141338, 9141331, 9141430
 Dist. 5.09, Length 51.40

Clutches



231878 Clutch
 Servicing: 443937150860
 ID 10.50, OD bearing 40.00,
 OD bearing 2 35.00, OD/ pinion 45.00,
 OD/ pinion collar 46.00, Total length 43.00,
 Total length/ pinion 18.50, Splines 10,
 No./ teeth 44, Rotation CR

Brush Gears



136449 Brush Gear
 Servicing: 443115141310, 443115141311,
 443115141331, 443115141338, 9141331,
 9141430
 12 V, OD 73.65

Brush Gear Parts

Brush Springs

Pkg. 10



135775 Brush Spring
 Replacing: 315677064480, 315238040
 Servicing: 433115144702, 433115144722,
 433115144742
 OD 16.15, Length 35.30

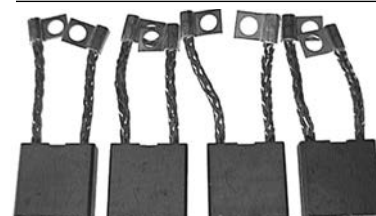
Brush Sets



PLSX24 Brush Set
 Replacing: PLSX24
 12 V, Length 25.35, Lead length 32.50,
 Height 12.85, Thickness 8.90



PLSX34 Brush Set
 Replacing: 344174503246, 344154113246,
 344122021, 344112021, 334174503246
 Servicing: 9142063, 9142110, 9142112, 9142350
 12 V, Length 22.00, Lead length 33.00,
 Height 12.00, Thickness 8.00
 Alternative no.: PLS3



PLSX44 Brush Set
 Replacing: 932232, 344174143386,
 344154123387, 344112027
 Servicing: 443115144420, 443115144620,
 443115144722, 9144702, 9144703, 9144722,
 9144724, 9144742, 9144743, 9144744, 9144763
 12 V, Length 26.00, Lead length 50.00,
 Lead length 2 45.00, Height 26.60,
 Thickness 8.80


PLSX54 Brush Set

Replacing: PLSX54

Servicing: 443115141310, 443115141311, 443115141331, 443115141338, 9141331, 9141430

12 V, Length 12.50, Lead length 21.00, Height 12.50, Thickness 6.00

Brushes

Pkg. 100


PLS3 Brush

Replacing: PLSX34

 12 V, Length 22.25, Lead length 37.00, Height 11.80, Thickness 7.95
 Alternative no.: PLSX34

Pkg. 100


PLS3/0 Brush

Replacing: 110904300

 12 V, Length 22.10, Lead length 35.54, Height 11.80, Thickness 7.86
 7.96x11.88x22.34 mm.

Bushings

Pkg. 10


140012 Bushing

Replacing: 323125723125

Servicing: 02914207, 11490400, 11590400, 443115142071, 443115142110, 443115142350

 ID 12.56, OD 16.55, Length 14.00
 Alternative no.: B140012

Pkg. 10


140143# Bushing

Replacing: 0924100

 ID 12.54, OD 16.53, Length 14.00
 Alternative no.: B140143

Pkg. 10


140397 Bushing

Replacing: 931550

 ID 23.10, OD 27.05, Length 20.00
 Alternative no.: B140397

Pkg. 10


140527 Bushing

Replacing: 931544

ID 15.00, OD 20.00, Length 19.85

Pkg. 10


140691 Bushing

Replacing: 323662642933, 323622642933, 323144016, 323114016

Servicing: 11590400, 443115142112, 443115142350, 9142063, 9142110, 9142112, 9142350

ID 9.95, OD 14.00, Length 14.75

Pkg. 10

Pkg. 10


140756 Bushing

Replacing: 323622641703, 323125641703, 323125527131, 323114011, 2000940

Servicing: 443115144420, 443115144620, 443115144722, 9144702, 9144722, 9144724, 9144742, 9144743, 9144744, 9144763, 9144764

 ID 14.52, OD 18.00, Length 17.00
 Alternative no.: B140756

Pkg. 10


140757 Bushing

Replacing: 323144014, 323125527127, 323114014

Servicing: 443115144420, 443115144620, 443115144722, 9144702, 9144722, 9144724, 9144742, 9144743, 9144744, 9144763, 9144764

 ID 14.50, OD 18.00, Length 15.00
 Alternative no.: B140757

Pkg. 10


140758 Bushing

Replacing: 323125436125

Servicing: 443115144420, 443115144620, 443115144722

 ID 19.06, OD 22.55, Length 14.00
 Alternative no.: B140758

Pkg. 10


141055 Bushing

ID 21.09, OD 24.70, Length 4.30

Pkg. 100



B140397 Bushing

Replacing: 931550
 ID 23.10, OD 27.05, Length 20.00
 Alternative no.: 140397

Pkg. 100



B140756 Bushing

Replacing: 323622641703, 323125641703,
 323125527131, 323114011, 2000940
 ID 14.52, OD 18.00, Length 17.00
 Alternative no.: 140756

Pkg. 100



B140757 Bushing

Replacing: 323144014, 323125527127,
 323114014
 ID 14.50, OD 18.00, Length 15.00
 Alternative no.: 140757

Pkg. 100



B140758 Bushing

Replacing: 323125436125
 ID 19.06, OD 22.55, Length 14.00
 Alternative no.: 140758

Bearings

Needle Bearings

Pkg. 5



140381 Needle Bearing

Replacing: 324592003, 324592000000
 Servicing: 443115142740, 9142700, 9142702,
 9142704, 9142708, 9142709, 9142720, 9142722,
 9142723, 9142724, 9142727, 9142728
 ID 22.00, OD 28.00, Height 12.00, Rolls 25

Sundry Parts

C.E. Covers



136271 C.E. Bracket

Replacing: 443931658400, 1658400
 Servicing: 443115141310, 443115141311,
 443115141320, 9141310, 9141311, 9141312,
 9141317, 9141319, 9141320, 9141325, 9141326

O-rings

Pkg. 5



136681 O-ring

Replacing: 273111014174
 Servicing: 443115144420, 443115144620,
 443115144702, 443115144722,
 443115144742
 ID 38.00, Thickness 2.50

Various

Pkg. 5



138606 Lock Ring

Replacing: 315817120910, 3155238077
 Servicing: 11590400, 443115142350
 Thickness 2.10
 For 13.00 mm shaft.

Pkg. 5



234570 Washer

Servicing: 443937150860, 7152860,
 7152960, 7153860
 ID 24.65, OD 34.00, Thickness 3.00,
 Material Steel

Replacing Magneton (pal/skoda)

Armatures

12 Volt



139752 Armature

Servicing: SM302-01, SM302-03, SM302-07, SM302-09, SM302-10, SM302-12, SM302-15, SM302-25, SM302-46, SM302-48

1/1.3 kW, Shaft length 137.00, Rotation CR, Core thickness 46.00, No./ teeth 9
Gear reduction.

D.E. Brackets



139767 D.E. Bracket

Servicing: SM402-04, sm402-04n, sm402-05, SM402-05N

I.M. Brackets

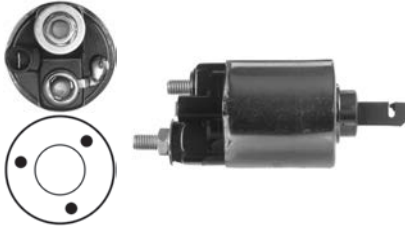


136760# I.M. Bracket

Servicing: SM302-07, SM302-10, SM302-12, SM302-15, SM302-25, SM402-17, SM402-17N, SM402-21N

Solenoids

12 Volt



133076 Solenoid

Servicing: sm302-02, SM302-04, SM302-08, SM302-16, SM302-19, SM302-24, SM302-40, SM402-04N

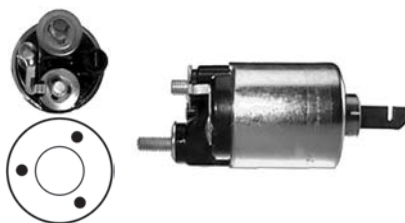
12 V, B+ M8, KI. 50 6.30, OD 50.65, OD/ cover 43.80, Total length 130.00, Height/ B+ 17.30, Coil bolt M8, Coil bolt 2 10.70, No./ terminals 3
Cap: HC-CARGO 133782.



133290 Solenoid

Servicing: SM302-01, SM302-02, SM302-03, sm302-04, SM302-09, sm302-16, sm302-18, SM302-27, SM302-28, SM302-41N, SM402-10

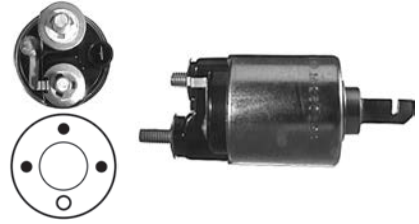
12 V, B+ M8, KI. 50 6.30, OD 50.60, OD/ cover 48.10, Total length 129.60, Height/ B+ 17.70, Coil bolt M8, Coil bolt 2 10.50, No./ terminals 3
Cap: HC-CARGO 133782.



136983 Solenoid

Servicing: SM302-07, SM302-10, SM302-12, SM302-15, sm302-24, sm302-25, sm302-44, sm302-44n, sm302-45, SM302-45N, sm302-46

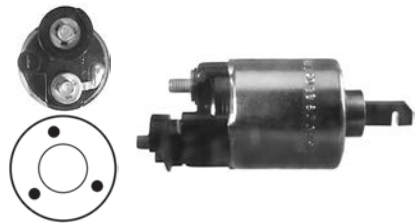
12 V, B+ M8, KI. 50 6.30, OD 50.70, OD/ cover 43.20, Total length 129.55, Height/ B+ 16.40, Coil bolt M8, Coil bolt 2 8.35, No./ terminals 3
Cap: HC-CARGO 137084.



137023 Solenoid

Servicing: sm302-22, SM402-04, sm402-04n, sm402-05, SM402-05N, SM402-11N

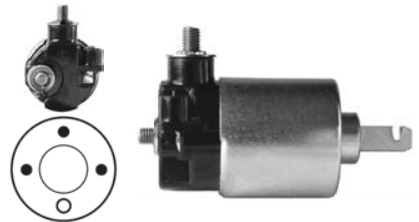
12 V, B+ M8, KI. 50 6.30, OD 51.70, OD/ cover 47.65, Total length 129.00, Height/ B+ 16.15, Coil bolt M8, Coil bolt 2 8.80, No./ terminals 3
Cap: HC-CARGO 137084.



138009 Solenoid

Servicing: sm402-07

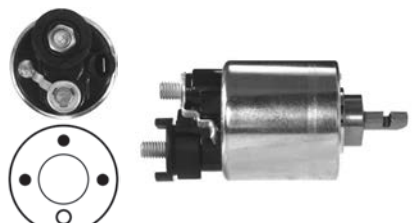
12 V, B+ M8, KI. 50 6.30, OD 50.55, OD/ cover 48.00, Total length 130.00, Height/ B+ 12.80, Coil bolt M8, Coil bolt 2 10.60, No./ terminals 3
Cap: HC-CARGO 138010.



230018 Solenoid

Servicing: SM402-01, sm442-32, sm442-36

12 V, B+ M8, KI. 50 6.30, OD 50.80, OD/ cover 45.25, Total length 117.20, Height/ B+ 9.50, Coil bolt M8, Coil bolt 2 6.25, No./ terminals 3
Cap: HC-CARGO 232009.



232003 Solenoid

Servicing: SM422-09, sm442-01, sm442-08, SM442-10, SM442-19, sm442-22, sm442-24

12 V, B+ M8, KI. 50 6.30, OD 50.85, OD/ cover 46.35, Total length 111.85, Height/ B+ 11.30, Coil bolt M8, Coil bolt 2 8.60, No./ terminals 3
Cap: HC-CARGO 232005.


232004 Solenoid

Servicing: SM422-02, sm442-02
 12 V, B+ M8, Kl. 50 6.30, OD 50.90,
 OD/ cover 45.45, Total length 115.55,
 Height/ B+ 9.00, Coil bolt M8,
 Coil bolt 2 8.50, No./ terminals 3
 Cap: HC-CARGO 232006.


234159 Solenoid

Servicing: sm402-15, SM402-15N
 12 V, B+ M8, Kl. 50 6.30, OD 51.80,
 OD/ cover 49.20, Total length 122.50,
 Height/ B+ 10.75, Coil bolt M8,
 Coil bolt 2 8.75, No./ terminals 3


234160 Solenoid

Servicing: sm422-09, sm442-01
 12 V, B+ M8, Kl. 50 6.30, OD 51.70,
 OD/ cover 49.10, Total length 122.65,
 Height/ B+ 11.45, Coil bolt M8,
 Coil bolt 2 8.20, No./ terminals 3


234161 Solenoid

Servicing: sm422-27
 12 V, B+ M8, Kl. 50 6.30, OD 51.75,
 OD/ cover 49.00, Total length 122.80,
 Height/ B+ 10.90, Coil bolt M8,
 Coil bolt 2 8.70, No./ terminals 3


234162 Solenoid

Servicing: SM402-13, sm402-13n, SM402-19
 12 V, B+ M8, Kl. 50 6.30, OD 51.75,
 OD/ cover 49.00, Total length 124.40,
 Height/ B+ 10.90, Coil bolt M8,
 Coil bolt 2 8.25, No./ terminals 3


237404 Solenoid

Servicing: SM442-25, SM442-46
 12 V, No./ terminals 3

Solenoid Parts
Solenoid Caps

Pkg. 5


133782 Solenoid Cap

Servicing: sm302-02, sm302-04, sm302-07,
 sm302-08, sm302-10, sm302-12, sm302-15,
 sm302-16, sm302-19, SM302-24, SM302-25,
 sm302-40

No./ terminals 3, Bracket type Crimp
 HC-CARGO 133076, 133290.


137084 Solenoid Cap

Servicing: sm302-22, sm302-24, sm302-25,
 sm302-44, sm302-44n, sm302-45, SM302-45N,
 sm302-46, sm302-48, SM302-52, SM402-05

No./ terminals 3, Bracket type Crimp
 HC-CARGO 136083, 137023.



Pkg. 5

232005 Solenoid Cap

Servicing: sm422-09, sm422-10, SM442-10,
 SM442-23, SM44223

No./ terminals 2, Bracket type Crimp
 HC-CARGO: 232003.



Pkg. 5

232009 Solenoid Cap

Servicing: sm402-01
 No./ terminals 3, Bracket type Crimp
 HC-CARGO: 230018.

Moving Contacts

Pkg. 5


132037 Moving Contact

Shaft measurement 29.25, Thickness 2.45
 Alternative no.: B132037

Drives

134284 Drive

Servicing: SM302-01, sm302-02, SM302-03,
 SM302-04, sm302-07, sm302-08, SM302-09,
 sm302-10, SM302-12, SM302-15, SM302-16,
 sm302-18

OD 28.35, Total length 99.00,
 No./ teeth 9, Rotation CR
 Pinion: HC-CARGO 134283.



230761 Drive

Servicing: SM13
OD 44.50, Total length 107.00,
Splines A 29, No./ teeth 19,
Rotation ACR



230762 Drive

Replacing: sm1329850
Servicing: sm13, sm13298
OD 39.00, Total length 91.50,
No./ teeth 17, Rotation ACR

Drive Parts

Pinion



133977# Pinion

Servicing: SM302-07, sm302-10, SM302-12,
SM302-15, sm302-18, SM302-25, SM422-09
ID 13.35, OD 28.50, Height 41.00,
Splines 19, No./ teeth 9



134283 Pinion

Servicing: sm302-02, sm302-07, sm302-08,
sm302-10, sm302-18, sm302-22, sm302-24,
sm302-25, SM402-04, SM402-04N, SM402-05
OD 28.80, Height 99.10, Splines 18,
No./ teeth 9
For HC-CARGO 134284.

Clutches



233743# Clutch

Servicing: sm302-21, sm302-22, sm302-27,
sm302-28, SM302-42, sm302-44, sm302-45, sm302-
46, sm302-48, sm402-10, sm402-11, SM402-13
OD 14.40, OD/ housing 61.90,
Total length 77.60, Splines A 18,
No./ teeth 44, Drive type Steel, Rotation CR

Brush Gears



232311 Brush Gear

Servicing: SM402-01, sm402-03, SM402-04,
SM402-04N, SM402-05, SM402-05N, SM402-16,
SM402-16N, SM402-17, SM402-17N, SM402-21N
12 V, OD 65.80



234139 Brush Gear

Servicing: sm302-01, sm302-02, sm302-03,
sm302-04, sm302-07, sm302-08, sm302-09, sm302-
10, sm302-12, sm302-15, sm302-16, sm302-18
OD 60.65
Brush set: HC-CARGO 140706 (x2).

Brush Gear Parts

Brush Springs

Pkg. 10



139948# Brush Spring

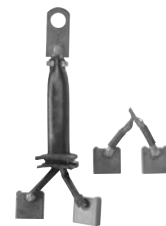
Servicing: SM302-04, SM302-16, SM302-24,
SM302-40, SM302-46, SM402-01, SM402-04,
SM402-04N, SM402-05, SM402-05N, SM402-16
OD 8.75, Length 20.00

Brush Sets



140706 Brush Set

Servicing: SM302-01, SM302-02, SM302-03,
SM302-04, SM302-07, SM302-08, SM302-09,
SM302-10, SM302-12, SM302-15, SM302-16,
SM302-18
12 V, Length 15.00, Lead length 33.00,
Height 14.00, Thickness 6.00



140841 Brush Set

Servicing: SM402-01, SM402-04, SM402-04N,
SM402-05, SM402-05N, SM402-10, SM402-16,
SM402-16N, SM402-17, SM402-17N, SM402-
21N
12 V, Length 16.50, Lead length 121.00,
Lead length 2 35.00, Height 17.00,
Thickness 4.70



141246 Brush Set

Servicing: SM442-25
12 V, Length 16.00, Lead length 30.00,
Lead length 2 35.00, Height 17.00,
Thickness 5.00

Bushings

Pkg. 10



140648 Bushing

Servicing: SM302-01, SM302-02, SM302-03,
sm302-07, SM302-09, SM302-10, SM302-12,
SM302-15, SM302-25, SM302-27, SM302-41N,
sm302-45
ID 8.15, OD 13.00, Length 8.34

Pkg. 10



140698 Bushing
 ID 23.55, OD 27.00, Length 5.85
 Alternative no.: B140698

Pkg. 10



140938 Bushing
 ID 22.80, OD 27.05, Length 5.75

Pkg. 5



141182 Bushing
 ID 23.85, OD 27.00, Length 5.65

Bearings

Needle Bearings

Pkg. 5

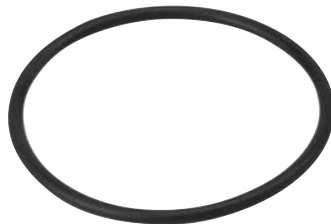


140468 Needle Bearing
 ID 8.00, OD 12.00, Height 10.00,
 Rolls 12

Sundry Parts

O-rings

Pkg. 10



235692 O-ring
 ID 44.00, Thickness 2.45,
 Material Rubber

Various

Pkg. 5



133561 Lock Ring
 Thickness 1.85, Material Steel

Pkg. 5



133562 Lock Ring
 ID/ housing 5.95,
 OD/ housing 13.70, Thickness 4.60,
 Material Steel

Pkg. 5



133670 Rubber Boot
 Servicing: SM302-01, SM302-02, SM302-03,
 SM302-04, SM302-07, SM302-08, SM302-09,
 SM302-10, SM302-12, SM302-15, SM302-16,
 SM302-18
 ID 18.45, OD 21.25, Length 52.30

Pkg. 5



135013 Washer
 ID 23.10, OD 46.00, Thickness 2.35

Pkg. 5



136341 Retaining Ring
 Servicing: 134284
 Thickness 1.40, Material Steel



233055 Rubber Boot

Armatures

12 Volt



132484 Armature

Replacing: m106x57171, m106x54971, m106x53571, m106x53171, m106x51571, m106x29471, m106x08571, m106x01471

Servicing: M002T24181, M002T25083, M002T25481, M002T25581, M002T25681, M002T25681G, M002T50171, M002T50181, M002T50281, M002T50285

1.4 kW, Shaft length 147.80, Core thickness 53.65, No./ teeth 9, Rotation CR/ACR



132486 Armature

Replacing: md618369, md607636, m106x41674, m106x41673, m106x41672, m106x41671, m106x29871, m106x02271

Servicing: M002T54271, M002T54272, M002T54371, M002T54372, M002T54471, M002T54571, M002T54572, M002T54671, M002T54771, M002T54871

2 kW, Shaft length 152.00, Core thickness 53.20, No./ teeth 9, Rotation CR/ACR



132487 Armature

Replacing: m106x50671, m106x40671

Servicing: M002T60071, M002T60072, M002T60171, M002T60172, M002T60185, M002T92071, M002T92171, M002T92172, M2T60071, M2T60072

2.2 kW, Shaft length 169.00, Core thickness 53.60, No./ teeth 9, Rotation CR/ACR



132762# Armature

Replacing: md602250, m106x52971, m106t17371, m106t17271, m106t16571

Servicing: M002T10471, M002T20182, M003T10071, M003T10271, M003T10272, M003T10372, M003T10473, M003T10475, M003T10476, M003T10672

0.8 kW, Shaft length 217.50, Core thickness 59.90, No./ splines 8, Rotation CR



134071 Armature

Replacing: md607413, m106x57271, m106x55071, m106x53271, m106x01871, m106x01271, m106t01871

Servicing: M002T52081, M002T52082, M002T52181, M002T52271, M002T52381, M002T52681, M002T52871, M002T52881, M002T52882, M002T53081

1.2 kW, Shaft length 139.50, Core thickness 53.65, No./ teeth 9, Rotation CR/ACR



134736 Armature

Replacing: md618443, md607924, m106x52871, m106x52771, m106x52571, m106x50871, m106x50271, m106t52571

Servicing: M002T23081, M002T25772, M003T10476D, M003T21281D, M003T21381, M003T21781, M003T21882D, M003T24482H, M003T24482HC

0.8 kW, Shaft length 183.10, Core thickness 60.00, No./ splines 8, Rotation CR



134737 Armature

Replacing: md607552, m106x51671, m106t01970

Servicing: A3T22681, M003T12572, M003T22681, M003T24482, M003T25081, M003T30081, M003T30082, M003T30088, M003T30281, M003T30282

0.8 kW, Shaft length 204.40, Core thickness 60.00, No./ splines 8



134926 Armature

Servicing: M001T50071, M001T50171, M001T50172, M1T50071, M1T50171, M1T50172

1 kW, Shaft length 142.45, Core thickness 47.90, No./ teeth 9, Rotation CR/ACR



135118 Armature

Replacing: md607284, m106t19771, m106t03971, m106t03271

Servicing: M003T22581, M003T22582, M003T24181, M003T24481, M003T24482A, M003T24486, M003T25281, M003T25781, M003T25782, M003T25783

0.9 kW, Shaft length 226.00, Rotation CR, Core thickness 60.00, No./ splines 8



135824 Armature

Replacing: md604912

0.8/0.9 kW, Shaft length 226.00, Core thickness 59.90, No./ splines 10, Rotation ACR


135832 Armature

Replacing: m106x58571, m106x52171, m106x08671, m106t52171, m106t50171, m106t08671, m106t06971, m106t04271

Servicing: M001T60081, M001T60181, M001T60185, M001T60281, M001T60285, M001T60285A, M001T60381, M001T60581, M001T61181, M001T70283

1.2/1.4 kW, Shaft length 121.40, Core thickness 53.80, No./ teeth 11, Rotation CR/ACR


135928# Armature

Replacing: m106x52371, m106t52371, m106t07070

Servicing: M002T20181, M002T20181D, M002T42981, M2T20181, M2T20181D, M2T42981

0.8 kW, Shaft length 203.60, Core thickness 53.55, No./ splines 8, Rotation CR


136334 Armature

Replacing: md618451, md611204, m806x06971, m106x50471, m106x50171, m106x06971

Servicing: M001T70281, M001T70281ZC, M001T70481, M001T70481ZC, M001T70482, M001T70485, M001T70681, M001T70685, M001T70781

1.2/1.4 kW, Shaft length 121.60, Core thickness 53.80, No./ teeth 11


136613 Armature

Replacing: m106x74781, m106x59171, m106x57471, m106x54271

Servicing: M001T64285, M001T74081, M001T74087, M001T74181, M001T74281, M001T74281ZC, M001T74283, M001T74381, M001T74381A

1.7/2 kW, Shaft length 144.00, Core thickness 53.50, No./ teeth 11


138417 Armature

Replacing: m106x52271, m106t08371, m106t04771, M00106T08371, M00106T04771

Servicing: M002T30481, M002T30581, M002T30585, M002T30586, M002T30881, M002T32281, M002T41381, M002T41581, M002T41586, M002T42381

0.8 kW, Shaft length 177.55, Core thickness 53.80, No./ splines 8, Rotation CR


138962 Armature

Replacing: md618958, m106x43572, m106x43571

Servicing: 1810A050, 1810A053, M002T84071, M002T84071ZT, M002T84171, M002T84171ZT, M002T84571, M002T84771, M002T85271, M002T87071

2/2.2 kW, Shaft length 141.00, Core thickness 54.00, No./ teeth 13, Rotation CR


139398 Armature

Replacing: md619164, m106x58771, m106x57671, m106t57671

Servicing: M000T65381, M000T80081, M000T80082, M000T80281, M000T80281A, M000T80281B, M000T80281ZC, M000T80285, M000T80285A

1 kW, Shaft length 106.75, Core thickness 53.75, No./ teeth 9, Rotation CR/ACR


139399 Armature

Replacing: m106x55671

Servicing: M002T61871, M002T61871A, M002T61871B, M002T62071A, M002T62571, M002T62671, M2T51681, M2T61871, M2T61871A, M2T61871B

2/2.2 kW, Shaft length 147.65, Core thickness 53.60, No./ teeth 9, Rotation CR


139400 Armature

Replacing: m106x55571, m106x53871

Servicing: M002T49282, M002T49283, M2T42781, M2T46481, M2T47081, M2T47781, m2t47782, M2T48981, M2T48982, M2T49281, M2T49282

0.8 kW, Shaft length 203.60, Core thickness 53.65, No./ splines 8, Rotation ACR


139401 Armature

Replacing: md618536, m106x09971

Servicing: M000T70281, M000T70285, M000T70381, M000T71385, M000T71581, M000T71681, M000T71786, M000T71881, M0T70281, M0T70285

1 kW, Shaft length 112.00, Rotation CR, Core thickness 54.00, No./ teeth 11


139646 Armature

Replacing: m106x41971, m106x29272, m106x29271

Servicing: M003T67671, M003T67771, M003T90071, M003T90072, M3T66572, M3T67171, M3T67172, M3T67281, M3T67671, M3T67771, m3t90071

2.5 kW, Shaft length 177.50, Rotation CR, Core thickness 60.00, No./ teeth 9


230499 Armature

Replacing: m106x59771, m106x58971, m106x58671

Servicing: M000T60081, M000T60081A, M000T60181, M000T60181A, M000T85381, M000T85681, M000T85681ZC, M000T85781, M000T85881

1.4 kW, Shaft length 113.60, Core thickness 53.60, No./ teeth 9


231468 Armature

Servicing: 1810A101, M001T80081, M001T80082, M001T80181, M001T80381, m1t80081, m1t80082, M1T80181, m1t80381

1.7 kW, Shaft length 131.95, Rotation CR, Core thickness 53.90, No./ teeth 9


231471 Armature

Replacing: m106x58171, m106x50571, m106x07271

Servicing: M001T74081, M001T74087, M001T74181, M001T74281, M001T74283, M001T74283ZC, M001T74286ZC, M001T74287ZC, M001T74381

1.7/2 kW, Shaft length 143.55, Core thickness 54.00, No./ teeth 11, Rotation CR/ACR


234974 Armature

Servicing: M001T85681, M001T85781, M001T85981, M001T87081, M1T85681, m1t85781, M1T85981, M1T87081

1.4/1.7 kW, Shaft length 127.20, Core thickness 53.80, No./ teeth 11, Rotation CR


235247 Armature

Servicing: M001T80481, m1t80481

1.4 kW, Shaft length 133.00, Core thickness 54.00, No./ teeth 11, Rotation CR


235820 Armature

Servicing: M002T13081, M002T13281, M002T13581, m2t13081, m2t13281, m2t13581

0.85 kW, Shaft length 164.00, Core thickness 53.60, No./ splines 8, Rotation CR


237825 Armature

Replacing: m106x43871

Servicing: M008T71371, M008T71371ZE, M008T71471, M008T71471ZE, M008T75371, M2T84271, M2T84371, M2T84671, M2T85071, m2t85771

1.7 kW, Shaft length 141.10, Core thickness 53.70, No./ teeth 11


237856 Armature

Servicing: M000T45271, M000T45271ZT, M0T45271, m0t45271zt, MR994922

0.9 kW, Shaft length 197.50, Core thickness 53.00, No./ splines 12, Rotation ACR


239517 Armature

Servicing: M000T20871, M000T20871ZE, M000T20872ZE, M000T21471, M000T22471, M000T22472, m0t20871, M0T20871ZE, m0t20872ze, M0T21471

1.7 kW, Shaft length 115.50, Core thickness 53.60, No./ teeth 9


239829 Armature

Servicing: M001T30071, M001T30072, M001T30171, M001T30172, m1t30071, M1T30072, M1T30171, M1T30172

1.9 kW, Shaft length 133.26, Core thickness 57.20, No./ teeth 13


330035 Armature

Servicing: M000T32171, M000T32172, MOT32171, MOT32172

Shaft length 100.50,
Core thickness 53.73,
No./ teeth 9, Rotation CR


330369 Armature

Servicing: M002T85671, M002T85672, M008T76071, M008T76072, M008T76072ZE, M2T85671, m2t85672, M8T76071, M8T76072, M8T76072ZE

2 kW, Shaft length 141.30,
Core thickness 53.78, No./ splines 11,
Rotation CR

kw is not 100%, can be turned OE number up.


330725 Armature

Servicing: M002TS0571, M002TS0575, M2TS0571, M2TS0575

2.2 kW, Shaft length 140.06,
Core thickness 53.75, No./ splines 9,
Rotation CR


331526 Armature

Servicing: M000T45171, MOT45171

0.8 kW, Shaft length 171.00,
Core thickness 52.96, No./ splines 12,
Rotation CR


331889 Armature

2 kW, Shaft length 141.00,
Core thickness 53.50, No./ splines 11,
No./ teeth 11, Rotation CR

24 Volt

133034 Armature

Replacing: m106x29371

Servicing: M002T64271, M002T65271, M002T65272, M002T66871, M002T66872, M002T66873, M002T67871, M002T67872, M002T67873, M002T67881

3.2 kW, Shaft length 151.40,
Core thickness 53.60, No./ teeth 9,
Rotation CR/ACR


136196 Armature

Replacing: me700037, m106x41271, m106x29171

Servicing: M003T56071, M003T56072, M003T56074, M003T56082, M003T56084, M003T56174, M003T56181, M003T56182, M003T56183, M003T56272

4.5 kW, Shaft length 178.00,
Core thickness 60.00, No./ teeth 9,
Rotation CR/ACR


139825 Armature

Replacing: me701492, m106x43772, m105x43771

Servicing: M008T80071, M008T80071A, M008T80071B, M008T80371, M008T80373, M008T80471, M008T80471A, M008T80472, M008T80472A

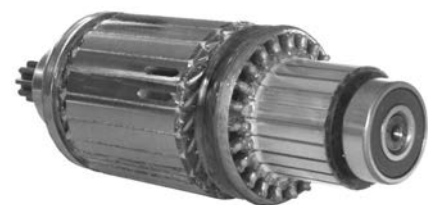
3.2/3.7 kW, Shaft length 139.95,
Core thickness 53.60, No./ teeth 13,
Rotation CR


231771 Armature

Replacing: me700854, m106x40871

Servicing: M002T78072, M002T78372, M002T78381, M002T78382, M002T78383, M002T78481, M2T78071, M2T78072, M2T78271, M2T78372

5 kW, Shaft length 169.00,
Core thickness 53.60, No./ teeth 9


233337 Armature

Replacing: m106x40471

Servicing: M003T95071, M003T95073, M003T95081, M003T95082, M003T95171, M003T95172, M3T95071, M3T95073, M3T95081, M3T95082

5.5/6 kW, Shaft length 178.00,
Core thickness 60.20, No./ teeth 9


233961 Armature

Replacing: m106x45071

Servicing: 39MT, M009T70379, M009T80472, M009T80473, M009T80571, M009T80572, M009T80671, M009T80771, M009T80772, M009T80871

8.2 kW, Shaft length 195.80, Rotation CR,
Core thickness 68.00, No./ teeth 14


234100 Armature

Replacing: M009T60371, M009T60471, M009T60671, M009T60672, M009T61571, M009T61671, m9t60371, m9t60471, M9T60671, M9T60672

6 kW, Shaft length 176.85,
Core thickness 60.20, No./ teeth 13,
Rotation CR


234851 Armature

Replacing: ME701446, m105x43671

Servicing: M008T60071, M008T60071A, M008T60371, M008T60372, M008T60373, M008T60871, M008T60872, M008T60873, M3T56089, M8T60071

 5 kW, Shaft length 171.00,
Core thickness 53.60, No./ teeth 13

Yokes w/magnets
12 Volt

136894 Yoke

Replacing: md611215, m800t53071, m800t39871

Servicing: M001T60081, M001T60181, M001T60185, M001T60281, M001T60285, M001T60285A, M001T60381, M001T60581, M001T61181, M001T70281

 12 V, 1.2/1.4 kW, Length 63.60,
Brush gear w/o, Magnets w/

137550 Yoke

Replacing: m800x52071, m800x50875, m800x50873

Servicing: M001T74491, M001T75581, M001T75581ZC, M001T76481, M1T74491, m1t75581, M1T75581ZC, m1t76481

 12 V, 1.7 kW, OD/ middle 74.50,
Length 83.55, Rotation ACR,
Brush gear w/o, Magnets w/

137853 Yoke

Replacing: m800x51074

Servicing: M001T70781, M001T77081, M001T77181, M001T77281, M1T60681, M1T70781, M1T73081, M1T77081, M1T77181, M1T77281

 12 V, 1.4 kW, OD/ middle 74.35,
Length 63.15, Rotation ACR,
Brush gear w/o, Magnets w/

139240[#] Yoke

Replacing: md618539, m800x57371

Servicing: M000T70281, M000T70285, M000T70381, M000T71385, M000T71581, M000T71681, M000T71786, M0T70281, M0T70285, M0T70286

 12 V, 1 kW, OD/ middle 70.60,
Length 57.00, Brush gear w/o,
Magnets w/

139241 Yoke

Replacing: md619096, m800x64073, m800x61771, m800x60671

Servicing: M000T65381, M000T80081, M000T80381, M000T80581, M000T80781, M000T80783, M000T80784, M000T81081, M000T81181, M000T81281

 12 V, 1 kW, OD/ middle 70.65,
Length 52.70, Brush gear w/o,
Magnets w/

139616 Yoke

Replacing: m800x57671, m800x52274, m800t57671, m800t52274

Servicing: M001T74281, M001T74281ZC, M001T74283, M001T74283ZC, M001T74286ZC, M001T74287ZC, M001T74381, M001T74491, M001T74581

 12 V, 1.7 kW, OD/ middle 74.30,
Length 85.30, Rotation CR,
Brush gear w/o, Magnets w/

230459 Yoke

Replacing: m800x60471

Servicing: M000T80281, M000T80281A, M000T80281B, M000T80281ZC, M000T80285, M000T80285A, M000T80881, M000T81681, M000T83981

 12 V, 1.2 kW, OD/ middle 70.65,
Length 54.70, Rotation CR,
Brush gear w/o, Magnets w/

230498 Yoke

Replacing: m800x61672, m800x61671

Servicing: M000T60081, M000T60081A, M000T60181, M000T85381, M000T85681, M000T85681ZC, M000T85781, M000T85881, M000T85981

 12 V, 1.4 kW, OD/ middle 70.60,
Length 60.00, Brush gear w/o,
Magnets w/

Field Cases

135784 Field Case

Replacing: m800x49671, m800t43972, m800t35171

Servicing: M002T54271, M002T54371, M002T54372, M002T54771, M002T56171, M002T56181, M002T56182, M002T56185, M002T56471, M002T56472

12 V, 2 kW, OD/ middle 81.50, Length 75.60, Brush gear w/o, Magnets w/o


135802 Field Case

Replacing: md604642

12 V, 0.6/0.7 kW, OD/ middle 76.00, Length 77.00, Brush gear w/o, Magnets w/o


135831 Field Case

Replacing: m800t34172, m800t34171

Servicing: M002T10471, M003T10372, M003T10473, M003T10475, M003T10476, M003T10672, M003T11272, M003T20081, M003T20681, M003T21281

12 V, 0.8 kW, OD/ middle 89.30, Length 83.70, Brush gear w/o, Magnets w/o


135903 Field Case

Replacing: md618270, md611527, md611023, m800x45273, m800x45272, m800x45271, m800t47071, m800t45273

Servicing: M002T60071, M002T60072, M002T60171, M002T60172, M002T60185, M002T61072, M002T92071, M002T92171, M002T92172, m2t60071

12 V, 2.2 kW, OD/ middle 80.65, Length 101.65, Brush gear w/o, Magnets w/o


135927 Field Case

Replacing: m800x54673, m800x54671, m800x52872, m800t54671, m800t52871, m800t38371, m800t35671

Servicing: M002T10171, M002T20181D, M002T30481, M002T30581, M002T30586, M002T30881, M002T31081, M002T32281, M002T41381, M002T41581

12 V, 0.8 kW, OD/ middle 80.50, Length 65.55, Brush gear w/o, Magnets w/o


136099 Field Case

Replacing: mm502416, m800t34971

Servicing: M003T24482, M003T30081, M003T30082, M003T30088, M003T30281, M003T30282, M003T30285, M003T30286, M003T30781, M003T30782

12 V, 0.8 kW, OD/ middle 89.00, Length 70.45, Brush gear w/o, Magnets w/o


136135 Field Case

Replacing: m800x38973, m800x38871, m800t55971, m800t52971, m800t51871, m800t50471, m800t38973, m800t38972

Servicing: M001T72581, M003T10476D, M003T21281D, M003T21882D, M003T24482H, M003T24482HC, M003T24482J, M003T24482K, M003T24486A

12 V, 0.8 kW, OD/ middle 89.50, Length 62.00, Brush gear w/o, Magnets w/o


136180# Field Case

Replacing: m800t37671

Servicing: M002T37081, M002T37281, M2T37081, M2T37281

12 V, 0.8 kW, OD/ middle 80.70, Length 60.10, Brush gear w/o, Magnets w/o


136377 Field Case

Replacing: m800t50373

Servicing: M002T51281, M002T51282, M002T52281, M002T54091, M002T58381, M2T51281, M2T51282, M2T52281, M2T54091, M2T58381

12 V, 1.4 kW, OD/ middle 80.00


136938 Field Case

Replacing: m800x43574, m800x43573, m800t47371, m800t43571

Servicing: M002T64271, M002T64373, M002T65271, M002T65272, M002T66871, M002T66872, M002T66873, M002T67871, M002T67872, M002T67873

24 V, 3.2 kW, OD/ middle 81.00, Length 85.00, Brush gear w/o, Magnets w/o
Brush set: HC-CARGO 141273.


138198 Field Case

Replacing: m800x47171, m800x46171

 Servicing: M002T63171, M002T92171, M002T92172, M002T92172A, M2T63171, M2T92171, M2T92172, m2t92172a, MD191437
 12 V, 2.2 kW, OD/ middle 81.75, Length 84.65, Brush gear w/o, Magnets w/o

139361 Field Case

Replacing: md618966, m800x49772, m800x49771

Servicing: M002T84071, M002T84071ZT, M002T84171, M002T84171ZT, M002T84571, M002T84771, M002T87671, M002T88671, M008T70071

 12 V, 2 kW, OD/ middle 77.00, Length 63.00, Brush gear w/o, Magnets w/o
 Brush set: HC-CARGO 140347.

230649 Field Case

Replacing: m800x44974, m800x44972

 Servicing: M002T56272, M2T56272, MM409413
 12 V, 2 kW, OD/ middle 80.75, Length 84.50, Brush gear w/o, Magnets w/o

230717 Field Case

Replacing: md618269, m800x70171, m800x47072, m800x47071, M00800X47072

Servicing: M002T60185, M002T60271, M002T61071, M002T61072, M002T61171, M002T61271, M002T61371, M002T61771, M002T62271, M002T62771

12 V, 2.2 kW, OD/ middle 80.45, Length 84.60, Brush gear w/o, Magnets w/o


231314 Field Case

Replacing: m800x35186

Servicing: M002T54571, M002T54572, M2T54571, M2T54572

12 V, 2.7 kW, OD/ middle 80.70, Length 84.85, Brush gear w/o, Magnets w/o


231504 Field Case

Replacing: md618974, m800x49877, m800x49871

Servicing: 1810A050, 1810A053, M002T85271, M002T85671, M002T85672, M002T85871, M002T87071, M002T87071ZT, M002T87072ZT, M002T87171

 12 V, 2.2 kW, OD/ middle 81.65, Length 71.75, Brush gear w/o, Magnets w/o
 Field coil only: HC-CARGO 234338.

231772 Field Case

Replacing: me700992, m800t46371

 Servicing: M002T78372, M002T78381, M002T78382, M002T78481, M2T78372, M2T78381, M2T78382, M2T78481, ME087590
 24 V, 5 kW, OD/ middle 80.65, Length 101.60, Brush gear w/o, Magnets w/o

232970 Field Case

Servicing: M003T90071, M003T90072, m3t90071, m3t90072, m3t90271

 12 V, 3.6 kW, OD/ middle 90.55, Length 105.70, Brush gear w/o, Magnets w/o
 Terminal kit: HC-CARGO 233065.

234266 Field Case

Replacing: m800x70787, m800x70772

 Servicing: M008T80071, M008T80071A, M008T80071B, M8T80071, M8T80071A, m8t80071b, ME012995, ME013008, ME014418
 24 V, 3.2 kW, OD/ middle 81.65, Length 71.60, Brush gear w/o, Magnets w/o

237832 Yoke

Servicing: M009T80472, M009T80473, M009T83671, M9T80472, M9T80473, M9T83671

24 V, 6.2 kW, OD/ middle 105.30, Length 108.20, Rotation CR, Magnets w/o

Field Coils

12 Volt


231872 Field Coil

Servicing: M001T50172, M1T50172

12 V, 1.7 kW, Height 79.15, Width 165.20, Internal height 42.55, Inner width 14.30


234338# Field Coil

12 V, 2.2 kW, Height 72.65, Internal height 40.00, Inner width 21.00

24 Volt

234101 Field Coil

Servicing: M003T56174, M003T56181, M003T56182, M003T56183, m3t56174, m3t56181, m3t56182, m3t56183
 24 V, 5 kW, Height 91.50, Internal height 55.60, Inner width 21.35

C.E. Brackets

137219 C.E. Bracket

Replacing: md618458, md607645, m644x21671, m644b21201, m644b10601, m642x40871, m642x33371, m641b10601
Servicing: M002T54371, M002T54372, M002T54471, M002T54571, M002T54572, M002T54671, M002T54771, M002T56171, M002T56181, M002T56182
 ID 76.50


139236 C.E. Bracket

Replacing: mm502346, m644b10201
Servicing: M002T24081, M002T24181, M002T25083, M002T25481, M002T25581, M002T25681, M002T25681G, M002T50171, M002T50181, M002T50281
 ID 76.00


230872 C.E. Bracket

Replacing: m642x40273, m642x31373, m642x16873, m642x16872, m642x16871
Servicing: M000T85681, M000T85681ZC, M000T85881, M000T86081, M001T60081, M001T60181, M001T60381, M001T60581, M001T61181


231000 C.E. Bracket

Replacing: md607927, m642b16371
Servicing: M003T10476D, M003T21281D, M003T21882D, M003T24482H, M003T24482HC, M003T24482J, M003T24482K, M003T24486A, M003T24486H
 ID 84.50


231264 C.E. Bracket

Replacing: m642x19373, m642x18171
Servicing: M001T30071, M001T30072, M001T60281, M001T60285, M001T60285A, M001T68381, M001T70483, M001T70483ZC, M001T70485A
 ID 72.50


231291 C.E. Bracket

Replacing: m644b16403, m642x19273, m642x18873, m642x17373
Servicing: M001T70481, M001T70481ZC, M001T70482, M001T70485, M001T70981, M001T70982, M001T70985, M001T71081, M001T71281


231502 C.E. Bracket

Replacing: md602211, m642b14371, m642b10271
Servicing: A3T22681, M002T10171, M002T10471, M002T20181, M002T20181A, M003T10372, M003T10473, M003T10475, M003T10476, M003T10672
 ID 85.00


231503 C.E. Bracket

Replacing: md618968, m642x28771
Servicing: 1810A053, M002T80582, M002T84071, M002T84071ZT, M002T84171, M002T84171ZT, M002T84571, M002T85271, M002T85671
 ID 76.50


231571# C.E. Bracket

Replacing: m642x34174, m642b16874
Servicing: M001T70381, M001T70381A, M001T75581, M001T75581ZC, M001T75681, M001T77181, M001T84281, M001T84481, M1T70381, M1T70381A
 ID 72.00


231580# C.E. Bracket

Replacing: md611047, m642b15871
Servicing: M002T20181, M002T20181D, M002T30381, M002T30385, M002T30481, M002T30581, M002T30585, M002T30586, M002T30681, M002T30786
 ID 75.80


231775 C.E. Bracket

Replacing: m642x28371
Servicing: M000T80281, M000T80281ZC, M000T80285, M000T80285A, MOT80281, MOT80281ZC, MOT80285, MOT80285A
 ID 68.50


232490 C.E. Bracket

Replacing: m644b20701

Servicing: M003T54071, M003T56071, M003T56072, M003T56082, M003T56174, M003T56181, M003T56182, M003T56183, M003T56272, M003T67671

ID 84.50


234047 C.E. Bracket

Replacing: m642x29871

Servicing: 1810A050, M008T70371, M008T71571, M008T75071, M008T75071A, M008T75073, M008T75073A, M008T75074, M008T75171, M008T80471

ID 75.45

D.E. Brackets

135483 D.E. Bracket

Replacing: m641x04683, m641x04681, m641x04678, m641x04675, m641x04672

Servicing: M003T11272, M003T21281, M003T21282, M003T21781, M003T21881, M003T21882, M003T25181, M3T11272, M3T21281, m3t21282


135485 D.E. Bracket

Replacing: md618442, md611371, md611080, md607923, m641x33184, m641x33175, m641x33173, m641x33172, m641x33171

Servicing: M003T32588, M003T32589, M003T32591, M003T32592, M003T32593, M003T41081, M003T41083, M003T41088, M003T41282, m3t32588


136068 D.E. Bracket

Replacing: mm502527, m641x84371

Servicing: M002T58581, M2T58581, MM115518


136753 D.E. Bracket

Replacing: m641x81471, m641x80371, m641x37772, m641x37771

Servicing: M003T30881, M003T33281, M003T38881, M003T38882, M003T38883, M003T38885, M003T49581, m3t24482I, M3T30881, M3T33281


136762 D.E. Bracket

Replacing: m641x35674, m641x35673, m641x35671

Servicing: M003T21281D, M003T21781, M003T21882D, M3T21281D, M3T21781, m3t21781d, m3t21882d


137221 D.E. Bracket

Replacing: m641x71871

Servicing: M002T63171, M002T74171, M2T63171, M2T74171, MD140190, MD164976, MD191437


137587# D.E. Bracket

Replacing: m641x43971, m641x35571

Servicing: M002T10171, M002T20181, M002T20181D, M002T42981, M2T10171, M2T20181, M2T20181D, M2T42981, MCA02-0


137641 D.E. Bracket

Replacing: m641x71278, m641x71272

Servicing: M002T67881, M002T67882, M002T67883, M002T67884, M2T67881, M2T67882, M2T67883, M2T67884, ME017036, ME017085, ME017089


137710 D.E. Bracket

Replacing: m641x43077, m641x43075

Servicing: M003T10473, M003T10475, M003T10476, M003T11174, M3T10473, M3T10475, m3t10476, m3t11173, m3t11174


137712 D.E. Bracket

Replacing: m641x67371, m641x63271

Servicing: M002T56471, M002T56472, M002T56475, M002T65271, M002T65272, M2T56471, M2T56472, M2T56475, M2T65271, m2t65272


138405 D.E. Bracket

Replacing: md607847, m641x67771, m641x66173, m641x66172

Servicing: M002T56181, M002T56182, M002T56185, M002T57271, m2t56181, m2t56182, M2T56185, m2t57271, MD061154, MD069166, MD070934


139233[#] D.E. Bracket

Replacing: m641x83578

Servicing: M001T72081, M001T72085, M001T72086, M001T72086A, M001T72087, M001T72087A, M1T72081, M1T72085, M1T72086, M1T72086A


139235[#] D.E. Bracket

Replacing: md618608, m641x96172

Servicing: M002T44081, M002T44681, M002T49881, M2T44081, M2T44681, M2T49881, MD161437, MD180238, MD316001


139293[#] D.E. Bracket

Replacing: m641x91874, m641x91872, m641x91871

Servicing: M002T37281, M2T37281, M2T42581, M2T42681


230497[#] D.E. Bracket

Replacing: m642x37373, m642x32473, m641xa4274, m641xa4271

Servicing: M000T60081, M000T60081A, M0T60081, m0t60081a, M0T60581, M0T91281, M0T92181


230567 D.E. Bracket

Replacing: m641x35772, m641x35771

Servicing: M003T34781, M003T34782, M003T38981, M003T41781, m3t34781, M3T34782, M3T38981, m3t41781


230568 D.E. Bracket

Replacing: m641x83771

Servicing: M001T72481, M001T72481ZC, M001T72483, M001T72483ZC, M001T74581, M001T74583, M1T72481, M1T72481ZC, M1T72483, M1T72483ZC


230648 D.E. Bracket

Replacing: m641x65472, m641x65471

Servicing: M002T56272, M2T56272, M2T65671, MM409413


231193 D.E. Bracket

Replacing: m641x89671

Servicing: M003T42781, M003T42781ZC, M3T42781, M3T42781ZC, MD162838


231315[#] D.E. Bracket

Replacing: m641x39475, m641x39471

Servicing: M001T70981, M001T70981A, M001T70982, M001T70982A, M1T70981, m1t70981a, m1t70982, m1t70982a


231364 D.E. Bracket

Servicing: M001T74281, M001T74281ZC, M001T74283, M001T74283ZC, M001T74286ZC, M001T74287ZC, M001T84381ZC, M1T74281, M1T74281ZC


231366[#] D.E. Bracket

Replacing: m641x32972

Servicing: M002T30481, M002T30581, M002T30585, M002T30586, M002T41381, M002T41581, M002T41586, M002T42381, m2t30481, M2T30581


231367 D.E. Bracket

Replacing: m641xa4572, m641xa4571
 Servicing: M001T74283, M001T79681, M001T79781, m1t74283, M1T79681, m1t79781, MD318086, MD320618


231572# D.E. Bracket

Replacing: m641xa1571
 Servicing: M000T80285, M000T80285A, MOT80285, MOT80285A


231788 D.E. Bracket

Replacing: m641x88671
 Servicing: M001T60281, M001T60285, M001T60285A, M1T60281, M1T60285, M1T60285A


233062# D.E. Bracket

Servicing: M003T90071, M003T90072, m3t80072, m3t90071, M3T90072


233455 D.E. Bracket

Replacing: M841X84571
 Servicing: M002T54091, m2t54091


233802 D.E. Bracket

Servicing: 1810A101, M000T80082, M001T80081, M001T80082, M001T90281, m0t80082, m1t80081, M1T80082, M1T90281


233903# D.E. Bracket

Replacing: m641x93871
 Servicing: M002T58681, M002T58881, M2T58681, M2T58881, MD171228


233904 D.E. Bracket

Replacing: mm502398, m641x03972, m641x03971
 Servicing: M002T50371, M002T50381, M2T50371, M2T50381


233906# D.E. Bracket

Replacing: m641xa2971
 Servicing: M003T44081, M003T44091ZT, M3T44081, M3T44091ZT, MD301348, MD301348G


234034 D.E. Bracket

Servicing: M001T79481, M001T79482, m1t79481, m1t79482


234046 D.E. Bracket

Replacing: m641xa3471
 Servicing: M008T75071, M008T75073, M8T75071, M8T75073, ME201650, ME201650A, ME202970


234225 D.E. Bracket

Servicing: M001T76481, M001T79581, m1t76481, m1t79581


234539 D.E. Bracket

Replacing: m641xa2072
 Servicing: M002T87171, M002T87171ZT, M2T87171, M2T87171ZT, MD315548


234704 D.E. Bracket

Replacing: m641x99271
 Servicing: M003T43381, M3T43381, MD192227
Bushing in D.E. bracket: HC-CARGO 140183, 140187, 140194.


234706# D.E. Bracket

Replacing: m641x06987, m641x06976
 Servicing: M003T24481, M003T24482, M003T24482A, M003T24486, M003T30281, M003T30282, M003T30285, M003T30286, M003T33581, M003T33582



234931 D.E. Bracket
 Servicing: M002T87671, m2t87671



235123 D.E. Bracket
 Servicing: M001T80381, M001T80481, m1t80381, m1t80481



235329 D.E. Bracket
 Replacing: m641xa0872
 Servicing: 1810A053, M002T87071, M002T87071ZT, M002T87072ZT, M2T87071, M2T87071ZT, M2T87072ZT, MD312858
 Needle bearing: HC-CARGO 141090.



235339# D.E. Bracket
 Replacing: m641xb2971
 Servicing: M002T87971, M2T87971, MD344182

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235834 D.E. Bracket
 Replacing: m641xb2871
 Servicing: M002T88071, M2T88071



235898 D.E. Bracket
 Replacing: m641x35372
 Servicing: M003T29482, M3T29482, M3T29482D

I.M. Brackets



138619 I.M. Bracket
 Replacing: md611018, m640b28371
 Servicing: M002T60171, M002T60172, M002T60185, M002T61071, M002T61072, M002T61171, M002T61271, M002T62771, M002T62971, M002T63171



230647 I.M. Bracket
 Replacing: m640b13472
 Servicing: M002T51281, M002T51282, M002T52281, M002T54085, M002T54091, M002T58981, M2T51281, M2T51282, m2t52281, M2T54085



231196 I.M. Bracket
 Replacing: md607794, m640b28071
 Servicing: M002T56181, M002T56182, M002T56185, M002T57271, M002T57273, M002T57771, M002T57773, M002T74171, M2T56181, M2T56182



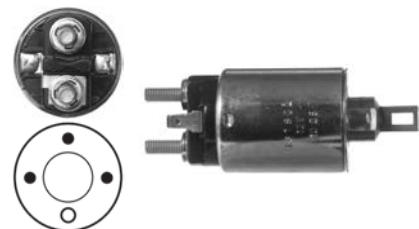
231813 I.M. Bracket
 Replacing: me700972, m640b28771
 Servicing: M002T57871, M002T57881, M002T61771, M002T67881, M002T67882, M002T67883, M002T67884, M2T57871, M2T57881, M2T61771



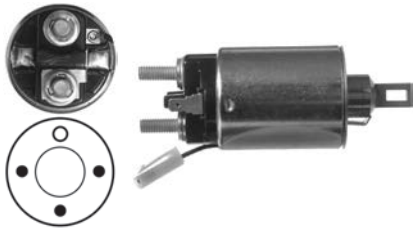
231988 I.M. Bracket
 Replacing: m640b26571
 Servicing: M002T54671, M002T56471, M002T56472, M002T57371, M002T65271, M002T65272, M003T64172, M2T54671, M2T56471, M2T56472

Solenoids

12 Volt



131802 Solenoid
 Replacing: md607933, m371x82373, m371x81871, m371x81371, m371x80571, m371x55072, m371x55071, m371x54871
 Servicing: M001T50471, M002T10171, M002T10271, M002T20181, M002T20181A, M002T20182, M002T20281, M002T23181, M002T50581, M002T50981
 12 V, B+ M8, Kl. 50 6.30, OD 51.30, OD/ cover 44.75, Total length 131.00, Height/ B+ 18.25, Width/ kl. 50 15.10, Coil bolt M8, Coil bolt 2 18.25, No./ terminals 3
 Cap: HC-CARGO 133273.


132095 Solenoid

Replacing: m371x33371, m371x31271

Servicing: M001T73481A, M001T75381A, M002T10471, M002T23081, M002T25772, M003T10372, M003T20081, M003T20381, M003T20781

12 V, B+ M8, Kl. 50 6.30, OD 51.40, OD/ cover 44.80, Total length 130.70, Height/ B+ 18.25, Width/ kl. 50 16.10, Coil bolt M8, Coil bolt 2 18.50, No./ terminals 4

Cap: HC-CARGO 133113.

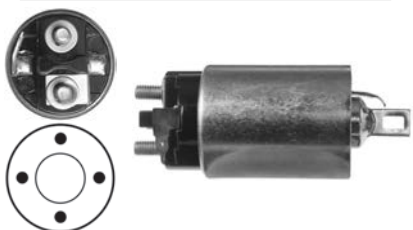

132470 Solenoid

Replacing: m371x41971, m371x14571, M371X12571, m371x11171

Servicing: M5T20171, M5T23271, M5T23272

12 V, B+ M8, Kl. 50 9.40, ID/ cover 21.20, OD 52.00, OD/ cover 45.35, Total length 134.20, Height/ B+ 14.75, Width/ kl. 50 12.00, Coil bolt M8, Coil bolt 2 15.00, No./ terminals 3

Cap: HC-CARGO 230005.

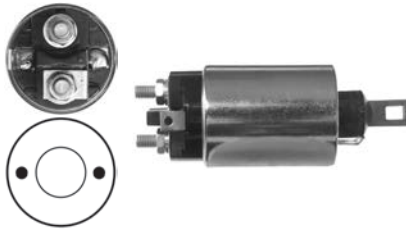

132471 Solenoid

Replacing: m371x46071

Servicing: M002T51083, M002T54771, M002T57371, M002T90071, M002T92171, M002T92172, M002T92172A, M2T51083, M2T54771, M2T57371

12 V, B+ M8, Kl. 50 6.30, OD 55.25, OD/ cover 48.85, Total length 134.00, Height/ B+ 15.40, Width/ kl. 50 21.45, Coil bolt M8, Coil bolt 2 13.80, No./ terminals 3

Cap: HC-CARGO 134625.

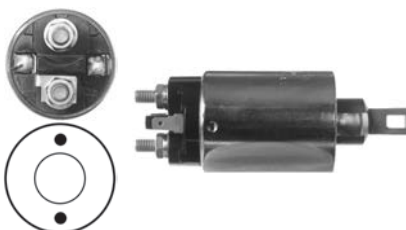

132472 Solenoid

Replacing: ME700115, md607448, m372x06871, m372x02371, m372x02171, m372x00171, m371x45971

Servicing: M002T51085, M002T54271, M002T54272, M002T54871, M002T54881, M002T54882, M002T56071, M002T56072, M002T56472, M002T56475

12 V, B+ M8, Kl. 50 9.40, OD 55.00, OD/ cover 49.10, Total length 148.75, Height/ B+ 18.00, Width/ kl. 50 13.20, Coil bolt M8, Coil bolt 2 18.20, No./ terminals 3

Cap: HC-CARGO 133286.

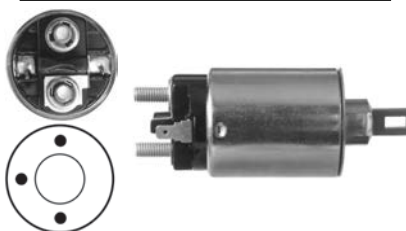

132473 Solenoid

Replacing: m372x04171

Servicing: M002T51082, M002T51083, M002T51085, M002T51805, M002T54371, M002T54372, M002T54771, M002T57271, M002T57273, M002T57771

12 V, B+ M8, Kl. 50 6.30, OD 54.75, OD/ cover 49.20, Total length 148.30, Height/ B+ 18.00, Width/ kl. 50 16.00, Coil bolt M8, Coil bolt 2 18.15, No./ terminals 3

Cap: HC-CARGO 134625.

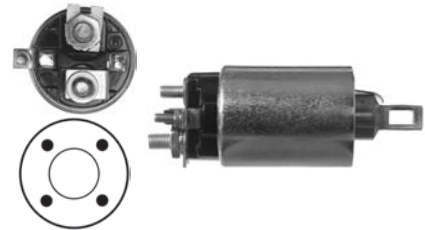

132763 Solenoid

Replacing: m371x01871

Servicing: M002T50171, M002T50371, M002T50381, M002T50391, M002T50481, M002T50485, M002T52071, M003T10071, M003T10271, M003T10272

12 V, B+ M8, Kl. 50 6.30, OD 51.35, OD/ cover 45.30, Total length 126.60, Height/ B+ 16.70, Width/ kl. 50 16.20, Coil bolt M8, Coil bolt 2 15.90, No./ terminals 3

Cap: HC-CARGO 133284.

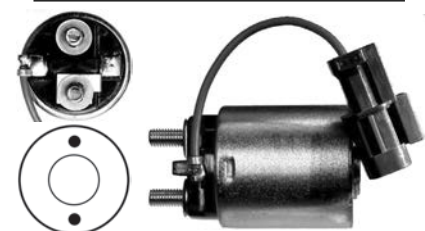

132917 Solenoid

Replacing: MM502322, m371x45471

Servicing: M005T22175, M005T22176, M5T22175, M5T22176, M5T22371

12 V, B+ M10, Kl. 50 9.40, OD 55.20, OD/ cover 48.50, Total length 146.00, Height/ B+ 19.65, Width/ kl. 50 10.65, Coil bolt M10, Coil bolt 2 13.00, No./ terminals 3

Cap: HC-CARGO 133287.

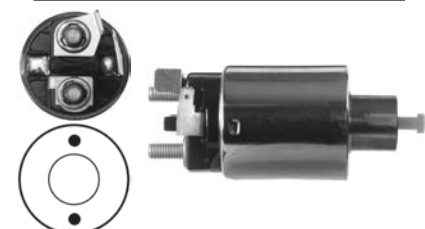

133039 Solenoid

Replacing: m371x68771

Servicing: M001T70985, M001T71681, M1T70985, M1T71581, m1t71681

12 V, B+ M8, ID/ cover 24.80, OD 51.70, OD/ cover 44.75, Total length 100.70, Height/ B+ 15.15, Coil bolt M8, Coil bolt 2 15.25, No./ terminals 3

Cap: HC-CARGO 138822.

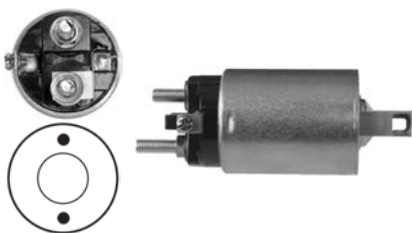

133049 Solenoid

Replacing: md611591, m375x95475, m371x97275, m371x95073, m371x93771, m371x93475, m371x74871, m371x74571

Servicing: M000T71581, M000T71681, M000T80881, M000T91381, M001T60081, M001T60185, M001T70781, M001T70881, M001T70881A, M001T71381

12 V, B+ M8, Kl. 50 6.30, ID/ cover 25.10, OD 51.50, OD/ cover 45.15, Total length 123.80, Height/ B+ 14.45, Width/ kl. 50 22.00, Coil bolt M8, Coil bolt 2 15.65, No./ terminals 3

Cap: HC-CARGO 133285.

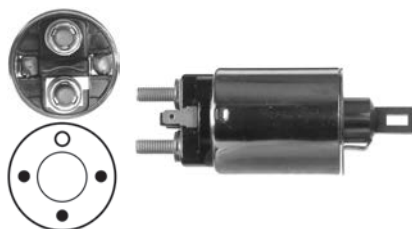

133050 Solenoid

Replacing: m372x00371

Servicing: M002T54671, M002T56471, M002T56472, M002T60271, M002T61371, M003T64172, M2T54671, M2T55571, M2T56471, M2T56472

12 V, B+ M8, Kl. 50 9.40, OD 55.15, OD/ cover 48.60, Total length 144.00, Height/ B+ 27.65, Width/ kl. 50 12.45, Coil bolt M8, Coil bolt 2 19.40, No./ terminals 3

Cap: HC-CARGO 133286.

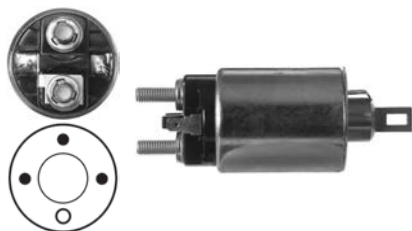

133052 Solenoid

Replacing: mm502465, mm502461, md607434, m371x83071, m371x82671, m371x81271, m371x80771, m371x80371

Servicing: A3T22681, M001T50071, M001T50171, M002T23685, M002T25481, M002T25681, M002T25681G, M002T50171, M002T50181, M002T50281

12 V, B+ M8, Kl. 50 6.30, OD 51.45, OD/ cover 45.40, Total length 132.45, Height/ B+ 18.55, Width/ kl. 50 15.55, Coil bolt M8, Coil bolt 2 19.00, No./ terminals 3

Cap: HC-CARGO 133287.

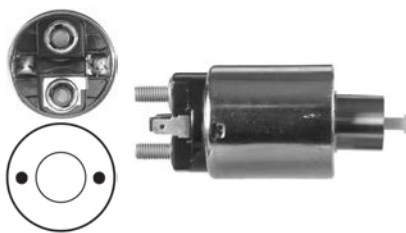

133053 Solenoid

Replacing: md607412, m371x59671, m371x36271

Servicing: M001T50172, M002T51281, M002T51282, M002T52281, M002T53081, M002T53082, M002T53085, M002T61871, M002T61871A

12 V, B+ M8, Kl. 50 6.30, OD 51.20, OD/ cover 45.20, Total length 132.00, Height/ B+ 19.00, Width/ kl. 50 16.35, Coil bolt M8, Coil bolt 2 19.00, No./ terminals 3

Cap: HC-CARGO 133273.

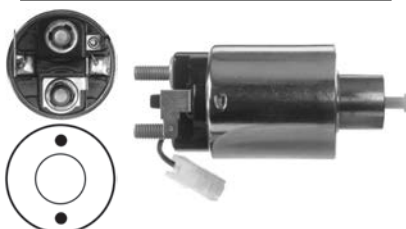

133288 Solenoid

Replacing: md618543, m375x00171, m373x71973, m371xa0373, m371x98075, m371x74771, m371x72175, m371x72173

Servicing: M000T30471, M000T30571, M000T71385, M000T71881, M000T80081, M000T81482, M000T81681, M000T81981, M000T83981, M000T84585

12 V, B+ M8, Kl. 50 6.30, ID/ cover 25.00, OD 51.40, OD/ cover 44.50, Total length 122.65, Height/ B+ 16.40, Width/ kl. 50 15.00, Coil bolt M8, Coil bolt 2 15.70, No./ terminals 3

Cap: HC-CARGO 133287.

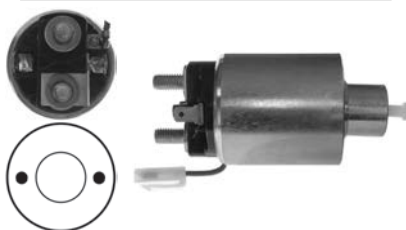

133289 Solenoid

Replacing: MD618613, MD618581, md607997, m371x74671, m371x60271

Servicing: M000T70381, M001T70481, M001T70481ZC, M001T70482, M001T70483, M001T70483ZC, M001T70485, M001T70485A, M001T73381

12 V, B+ M8, Kl. 50 6.30, ID/ cover 25.15, OD 51.55, OD/ cover 45.15, Total length 122.30, Height/ B+ 16.55, Width/ kl. 50 21.00, Coil bolt M8, Coil bolt 2 16.00, No./ terminals 4

Cap: HC-CARGO 134915.


135590 Solenoid

Replacing: m371x79273, m371x63571, m371x63271, m371x63171, m371x61571

Servicing: M002T30385, M002T30585, M002T30586, M002T41881, M003T24486A, M003T24486H, M003T32782D, M003T33586A, M003T33586D

12 V, B+ M8, Kl. 15a 6.30, ID/ cover 25.00, OD 52.15, OD/ cover 45.30, Total length 100.90, Height/ B+ 13.60, Width/ kl. 15a 13.75, Coil bolt M8, Coil bolt 2 14.15, No./ terminals 4

Cap: HC-CARGO 137797.

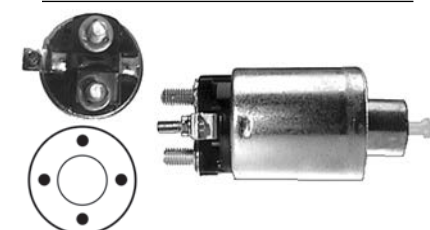

136327 Solenoid

Replacing: m371x69671, m371x68971

Servicing: M001T70685, M001T73481A, M001T75381, M001T75381A, m1t70685, M1T70687, m1t73481a, m1t75381, m1t75381a

12 V, B+ M8, ID/ cover 25.15, OD 52.15, OD/ cover 45.00, Total length 100.80, Height/ B+ 14.40, Coil bolt M8, Coil bolt 2 14.45, No./ terminals 4

Cap: HC-CARGO 137871.

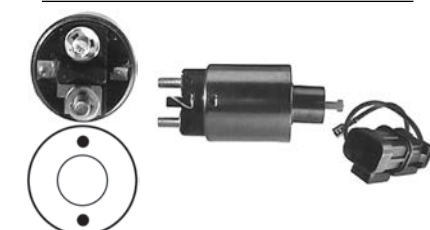

137813 Solenoid

Replacing: m371x94071, m371x62571

Servicing: M001T74281, M001T74281ZC, M001T74283, M001T74283ZC, M001T74286ZC, M001T74287ZC, M001T79481, M001T79482, M001T84381ZC

12 V, B+ M8, Kl. 50 M5, OD 51.40, OD/ cover 45.25, Total length 123.70, Height/ B+ 16.80, Width/ kl. 50 9.75, Coil bolt M8, Coil bolt 2 16.00, No./ terminals 3

Cap: HC-CARGO 232225.


137930 Solenoid

Replacing: m371x92575, m371x78371, m371x66371, m371x64371

Servicing: M001T60281, M001T60285, M001T60285A, M001T70686, M003T38482, M003T41186, M1T60281, M1T60285, M1T60285A, M1T70686

12 V, B+ M8, ID/ cover 25.20, OD 52.15, OD/ cover 45.10, Total length 101.60, Height/ B+ 14.15, Coil bolt M8, Coil bolt 2 14.40, No./ terminals 3

Cap: HC-CARGO 137931.


138011 Solenoid

Replacing: m371x76371, m371x76275

Servicing: M000T60081, M000T60081A, M001T72281, M001T72281A, M001T72285, M001T72781A, M001T72781B, M001T72985, M001T78881

12 V, B+ M8, ID/ cover 25.20, OD 51.50, OD/ cover 45.20, Total length 123.30, Height/ B+ 16.30, Coil bolt M8, Coil bolt 2 15.75, No./ terminals 3
Cap: HC-CARGO 138821.


138012 Solenoid

Replacing: m385x00271, m375x00271, m371x76875, m371x76871, m371x64771

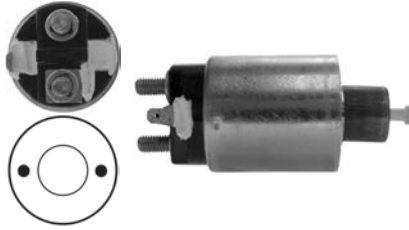
Servicing: M000T70281, M000T70285, M000T80285, M000T80285A, M001T72085, M001T72086, M001T72086A, M001T72087, M001T72087A

12 V, B+ M8, ID/ cover 25.25, OD 51.30, OD/ cover 45.30, Total length 125.00, Height/ B+ 17.85, Coil bolt M8, Coil bolt 2 16.85, No./ terminals 3
Cap: HC-CARGO 231107.


138013 Solenoid

Servicing: M001T76081, m1t76081

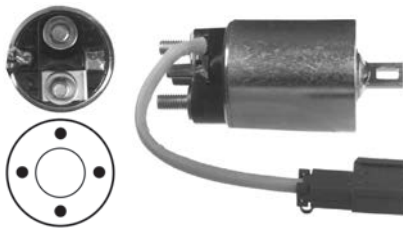
12 V, B+ M8, Kl. 50 9.40, ID/ cover 25.15, OD 51.60, OD/ cover 45.15, Total length 124.00, Height/ B+ 16.55, Width/ kl. 50 12.10, Coil bolt M8, Coil bolt 2 16.10, No./ terminals 3


138618 Solenoid

Replacing: m371x93575, m371x72271

Servicing: M001T60381, M001T66081, M1T60381, m1t66081

12 V, B+ M8, Kl. 50 6.30, ID/ cover 24.70, OD 51.15, OD/ cover 44.85, Total length 120.00, Height/ B+ 14.50, Coil bolt M8, Coil bolt 2 14.00, No./ terminals 3
Cap: HC-CARGO 133287.


138820 Solenoid

Replacing: m371x52471

Servicing: M002T23685, M002T25481, M002T53881, M002T58481, m2t23685, m2t25481, m2t53881, m2t58481

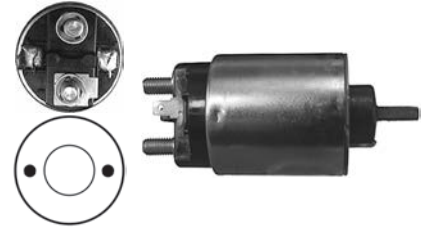
12 V, B+ M8, ID/ cover 22.25, OD 52.20, OD/ cover 45.20, Total length 114.75, Height/ B+ 15.55, Coil bolt M8, Coil bolt 2 15.45, No./ terminals 3
Cap: HC-CARGO 134626.


139202 Solenoid

Replacing: md619101, m371xa1874, m371x93975, m371x74071

Servicing: M000T80381, M000T80581, M000T81281, M000T81283, M000T81284, M000T82281, M000T85981, M001T77081, M001T77381

12 V, B+ M8, Kl. 50 6.30, ID/ cover 24.85, OD 51.15, OD/ cover 45.10, Total length 120.80, Height/ B+ 15.00, Width/ kl. 50 20.95, Coil bolt M8, Coil bolt 2 14.10, No./ terminals 3
Cap: HC-CARGO 230385.


139408 Solenoid

Replacing: md618509, m371x80671

Servicing: M002T25481, M002T54091, M002T58681, M002T58781, M002T58881, M2T25481, m2t54091, M2T58081, M2T58681, M2T58781, M2T58881

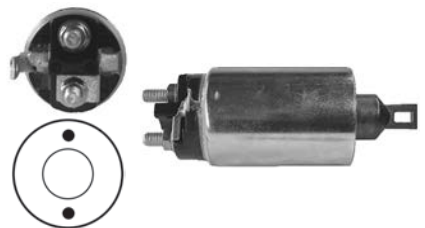
12 V, B+ M8, Kl. 50 6.30, OD 51.10, OD/ cover 44.95, Total length 119.20, Height/ B+ 15.00, Width/ kl. 50 15.50, Coil bolt M8, Coil bolt 2 14.35, No./ terminals 3
Cap: HC-CARGO 133287.


139537 Solenoid

Replacing: me701462, md618972, m71xa0274, m371xa0274, m371xa0273

Servicing: 1810A050, 1810A053, M001T90081, M001T90081A, M002T84071, M002T84071ZT, M002T84171, M002T84171ZT, M002T84571, M002T85271

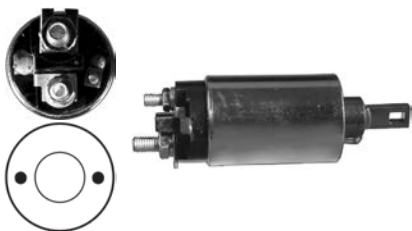
12 V, B+ M8, Kl. 15a 5.00, Kl. 50 6.30, ID/ cover 24.80, OD 52.15, OD/ cover 45.00, Total length 117.00, Height/ B+ 14.50, Width/ kl. 15a 11.00, Width/ kl. 50 14.55, Coil bolt M8, Coil bolt 2 14.45, No./ terminals 4


139586 Solenoid

Replacing: m372x01171

Servicing: M002T54571, M002T54572, m2t54571, M2T54572

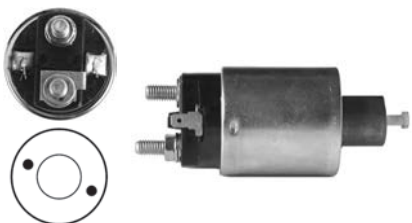
12 V, B+ M8, Kl. 50 9.40, OD 55.20, OD/ cover 48.55, Total length 156.25, Height/ B+ 21.30, Width/ kl. 50 13.50, Coil bolt M8, Coil bolt 2 18.20, No./ terminals 3
Cap: HC-CARGO 133286.


139614 Solenoid

Replacing: M372X07471, m372x06971

Servicing: M003T90071, M003T90072, M3T90071, M3T90072

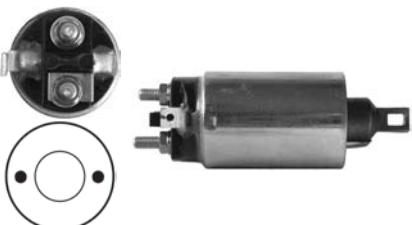
12 V, B+ M10, Kl. 50 M5, OD 55.00, OD/ cover 49.00, Total length 171.15, Height/ B+ 23.65, Width/ kl. 50 9.15, Coil bolt M8, Coil bolt 2 10.00, No./ terminals 3


230199 Solenoid

Replacing: m371xa0773

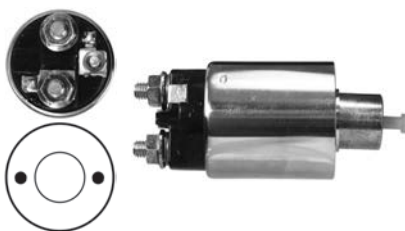
Servicing: M001T66081, M008T70071, m1t66081, M8T70071

12 V, B+ M8, Kl. 50 6.30, ID/ cover 24.85, OD 51.15, OD/ cover 44.75, Total length 127.50, Height/ B+ 20.20, Width/ kl. 50 14.80, Coil bolt M8, Coil bolt 2 14.25, No./ terminals 3


230204 Solenoid

Replacing: m372x02471

Servicing: M002T62271, M003T67671, M2T62271, M3T67171, M3T67172, M3T67671

 12 V, B+ M8, Kl. 50 9.40, OD 55.25, OD/ cover 48.45, Total length 158.00, Height/ B+ 21.40, Width/ kl. 50 11.30, Coil bolt M8, Coil bolt 2 16.50, No./ terminals 3
 Cap: HC-CARGO 134625.

230788 Solenoid

Servicing: M000T20871, M000T80082, M001T80081, M001T80082, M001T80481, M001T90281, MOT20871, m0t80082, m1t80081, m1t80082

12 V, B+ M8, Kl. 50 M5, ID/ cover 24.95, OD 51.25, OD/ cover 44.55, Total length 118.40, Height/ B+ 14.15, Width/ kl. 50 13.15, Coil bolt M8, Coil bolt 2 13.85, No./ terminals 3

Cap: HC-CARGO 139600. HC-CARGO 230788 may only be used for applications before 06/2007.


231454 Solenoid

Replacing: m375x00371

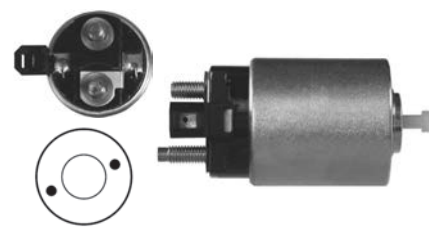
Servicing: M000T80281, M000T80281A, M000T80281B, M000T80281ZC, M001T64285, MOT80281, MOT80281A, MOT80281B, MOT80281ZC, M1T64285

 12 V, B+ M8, ID/ cover 24.70, OD 51.55, OD/ cover 45.15, Total length 105.00, Height/ B+ 14.40, Coil bolt M8, Coil bolt 2 14.40, No./ terminals 3
 Cap: HC-CARGO 231107.

231457 Solenoid

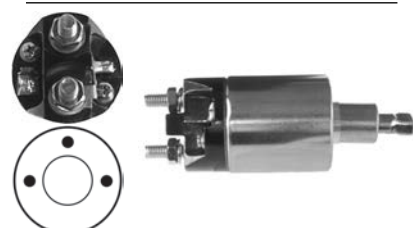
Replacing: m372x06171

Servicing: M002T54471, M008T50071, M008T70471, M008T70971, M2T54471, m8t50071, M8T70471, m8t70971

 12 V, B+ M10, Kl. 50 M5, OD 55.15, OD/ cover 48.55, Total length 143.00, Height/ B+ 25.25, Width/ kl. 50 11.30, Coil bolt M8, Coil bolt 2 18.95, No./ terminals 3
 Cap: HC-CARGO 231458.

231820 Solenoid

Replacing: m372x79873

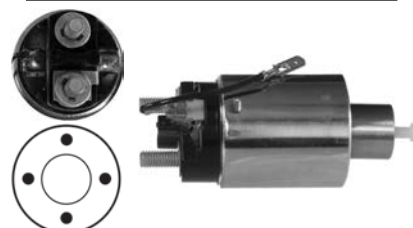
Servicing: M001T78581, M001T78681, m1t78581, m1t78681

 12 V, B+ M8, Kl. 50 6.30, ID/ cover 25.20, OD 51.30, OD/ cover 45.15, Total length 123.20, Height/ B+ 16.60, Coil bolt M8, Coil bolt 2 15.65, No./ terminals 3
 Cap: HC-CARGO 232019.

231976 Solenoid

Replacing: md607549, md602879, m371x02871, m371x00392, m371x00372, m371x00171

Servicing: M001T50171, M002T50285, M002T52082, M003T10473, M003T10977, M003T12572, M003T15772, M003T20081, M003T20381, M003T22181

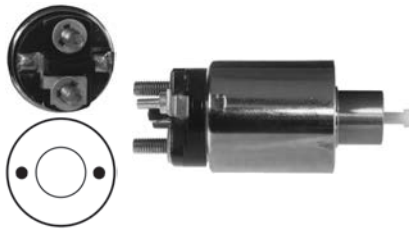
12 V, B+ M8, Kl. 50 6.30, ID/ cover 22.00, OD 54.30, OD/ cover 50.00, Total length 142.00, Height/ B+ 20.00, Width/ kl. 50 14.00, Coil bolt M8, Coil bolt 2 20.00, No./ terminals 3


231977 Solenoid

Replacing: md618728, md607889, m371x71473, m371x60171

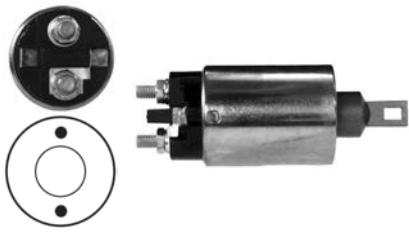
Servicing: M001T70481, M003T25981, M003T32591, M003T33586D, M003T37481, M003T42681, M003T42881, MOT71981, m1t70481, M3T25981

 12 V, B+ M8, ID/ cover 25.15, OD 51.30, OD/ cover 45.25, Total length 123.60, Height/ B+ 16.25, Coil bolt M8, Coil bolt 2 15.35, No./ terminals 3
 Cap: HC-CARGO 133287.


231978 Solenoid

Servicing: M001T73581, M001T74481,
 M001T74482, m1t73581, m1t74481,
 m1t74482

12 V, B+ M8, Kl. 50 M5,
 ID/ cover 25.35, OD 51.55,
 OD/ cover 45.15, Total length 123.85,
 Height/ B+ 16.40, Width/ kl. 50 9.65,
 Coil bolt M8, Coil bolt 2 15.75,
 No./ terminals 3


231981 Solenoid

Replacing: md607634, m372x00471

Servicing: M002T56171, M002T56181,
 M002T56182, M002T56185, M002T56271,
 M002T56272, M002T57271, M002T60171,
 M002T60172, M002T60185

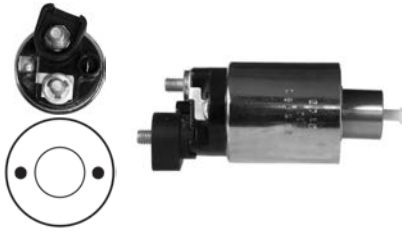
12 V, B+ M8, Kl. 50 6.30, OD 54.80,
 OD/ cover 49.00, Total length 147.65,
 Height/ B+ 17.60, Width/ kl. 50 14.45,
 Coil bolt M8, Coil bolt 2 17.65,
 No./ terminals 3
 Cap: HC-CARGO 134626.


231982 Solenoid

Replacing: M371X78773

Servicing: M001T77777, M001T77777ZC,
 M001T77781, m1t77777, m1t77777zc,
 m1t77781

12 V, B+ M8, Kl. 50 6.30,
 ID/ cover 25.10, OD 51.45,
 OD/ cover 45.20, Total length 122.50,
 Height/ B+ 16.30, Coil bolt M8,
 Coil bolt 2 15.35, No./ terminals 3
 Cap: HC-CARGO 232018.


231983 Solenoid

Replacing: m371x66971

Servicing: M002T80081, M002T80681,
 m2t80081, M2T80281, M2T80481, m2t80681,
 M2T84471

12 V, B+ M8, Kl. 50 6.30,
 ID/ cover 25.15, OD 51.45,
 OD/ cover 45.15, Total length 134.15,
 Height/ B+ 13.90, Coil bolt M8,
 Coil bolt 2 9.65, No./ terminals 3
 Cap: HC-CARGO 232224.


233137 Solenoid

Replacing: m371x17771

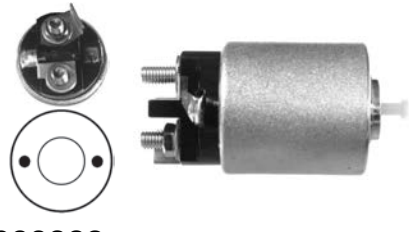
Servicing: M003T26785, M3T26785

12 V, B+ M8, ID/ cover 25.00, OD 52.00,
 OD/ cover 45.00, Total length 101.40,
 Height/ B+ 13.85, Coil bolt M8,
 Coil bolt 2 14.25, No./ terminals 3
 w/ solenoid plug.


233709 Solenoid

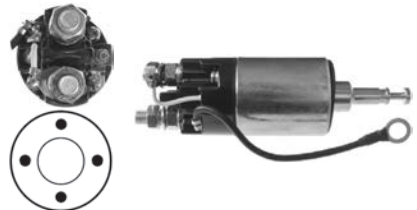
Servicing: 1810a101, M000T82081,
 M000T82081ZE, M000T85381, M000T86081,
 M001T80381, M002T80582, M002T84771,
 M002T87671, m0t82081

12 V, B+ M8, Kl. 50 M5,
 ID/ cover 38.55, OD 52.40,
 OD/ cover 49.65, Total length 116.60,
 Height/ B+ 16.17, Width/ kl. 50 10.65,
 Coil bolt M8, Coil bolt 2 13.40,
 No./ terminals 3
 Cap: HC-CARGO 231860.


233889 Solenoid

Servicing: M001T78481, m1t78481

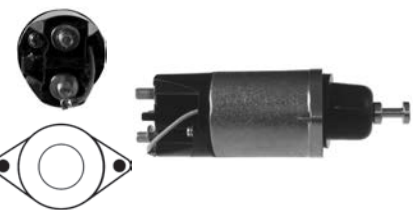
12 V, B+ M8, Kl. 50 6.30, ID/ cover 24.95,
 OD 51.75, OD/ cover 45.25, Coil bolt M8,
 Total length 100.50, Height/ B+ 13.15,
 Width/ kl. 50 11.60, Coil bolt 2 13.50


234114 Solenoid

Replacing: M373X10581

Servicing: 39MT, M009T70379, m9t70379

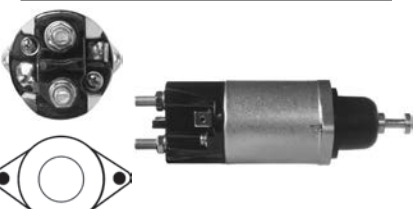
12 V, B+ M12, Kl. 50 M5, OD 64.00,
 OD/ cover 64.85, Total length 222.70,
 Height/ B+ 25.00, Width/ kl. 50 10.00,
 Coil bolt M12, Coil bolt 2 17.00,
 No./ terminals 4


234291 Solenoid

Replacing: m371x22471

Servicing: M3T67281

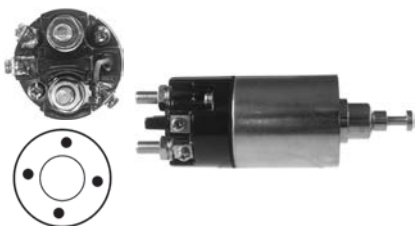
12 V, B+ M8, Kl. 50 9.40, OD 55.10,
 OD/ cover 54.60, Total length 179.00,
 Height/ B+ 20.65, Width/ kl. 50 12.00,
 Coil bolt M8, Coil bolt 2 20.65,
 No./ terminals 3


234292 Solenoid

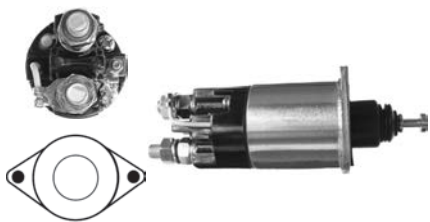
Replacing: m371x22371, M371X22071

Servicing: M3T90271, m3t90272, M3T90273

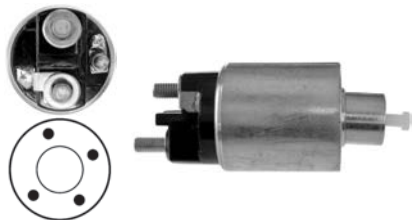
12 V, B+ M8, Kl. 50 9.40, OD 55.00,
 OD/ cover 54.25, Total length 180.20,
 Height/ B+ 18.10, Width/ kl. 50 11.00,
 Coil bolt M8, Coil bolt 2 19.90,
 No./ terminals 3
 Cap: HC-CARGO 137870.


234545 Solenoid

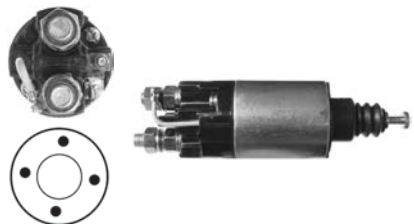
Replacing: m373x02072, M00373X02072
 Servicing: M6T20071, m6t20471
 12 V, B+ M10, Kl. 50 9.40, OD 63.90,
 OD/ cover 63.55, Total length 189.65,
 Height/ B+ 24.50, Width/ kl. 50 13.25,
 Coil bolt M10, Coil bolt 2 24.50
 5 terminals.


234723 Solenoid

Replacing: m371x22571
 Servicing: M003T67771, M3T66572, M3T67771
 12 V, B+ M8, Kl. 50 9.40, OD 55.00,
 OD/ cover 54.50, Total length 185.30,
 Height/ B+ 25.45, Width/ kl. 50 12.00,
 Coil bolt M8, Coil bolt 2 20.55,
 No./ terminals 3


235100 Solenoid

Servicing: M000T86181, M000T87881, M000T91581,
 M001T85681, M001T85781, M001T85981,
 m0t86181, m0t87881, m0t91581, M1T85681
 12 V, B+ M8, Kl. 50 M5, OD 52.40,
 Total length 129.00, Height/ B+ 16.00,
 Width/ kl. 50 11.50, Coil bolt M8,
 Coil bolt 2 13.50, No./ terminals 3


235103 Solenoid

Replacing: m373x05671
 Servicing: M3T65071, M5T65071, ME077044
 12 V, B+ M12, Kl. 50 M5, OD 63.90,
 Total length 224.15, Height/ B+ 38.35,
 Width/ kl. 50 13.15, No./ terminals 3


235210 Solenoid

Servicing: m1t73383zc, m3t42781zc,
 m3t43381, m3t43481, md081567,
 md192227, md192228
 12 V, B+ M8, Kl. 50 6.30, OD 52.37,
 OD/ cover 47.20, Total length 101.37,
 Height/ B+ 14.73, Coil bolt M8,
 Coil bolt 2 14.19, No./ terminals 3
 Cap: HC-CARGO 235384.


235385 Solenoid

Replacing: M372xB0571
 Servicing: 34MT type 500
 12 V, B+ M10, Kl. 50 M5S, OD 55.20,
 Total length 177.00, Height/ B+ 18.60,
 Coil bolt M10, Coil bolt 2 18.60,
 No./ terminals 3


235495 Solenoid

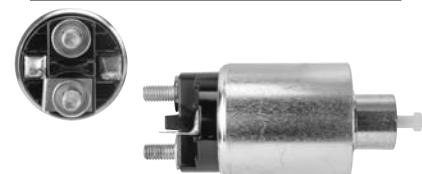
Servicing: M000T45071ZT, M000T45371ZT,
 M002T13081, MOT45071ZT, MOT45371ZT,
 m2t13081
 12 V, B+ M8/19.50, Kl. 50 M5/9.50,
 OD 51.50, Total length 108.50,
 Height/B+ M8/19.50, Width/ kl. 50 M5/9.50


235847 Solenoid

Replacing: m371xc1473, m371x96575,
 m371x74371, m371x72473
 Servicing: M000T70381, M000T81181,
 M000T84381, M001T70483, M001T73383,
 M001T84883, M001T84883ZC, M001T84884,
 M002T44081
 12 V, B+ M8, OD 51.50, OD/ cover 45.30,
 Total length 91.00, Coil bolt M8,
 Coil bolt 2 M8, No./ terminals 2


236015 Solenoid

Replacing: m371x97873
 Servicing: M003T44481, M3T44481, MD335584
 12 V, B+ M8, Kl. 50 6.30, OD 51.29,
 Total length 90.35, Height/ B+ 13.76,
 No./ terminals 3


236780 Solenoid

Replacing: M371XC3775
 Servicing: M000T87681, M000T90981,
 MOT87681, m0t90981
 12 V, B+ M8, Kl. 50 6.30, OD 52.07,
 Total length 120.00, Height/ B+ 16.00,
 Coil bolt M8, Coil bolt 2 14.01,
 No./ terminals 3


237498 Solenoid

Servicing: M000T84881, M000T84881ZC,
 M000T84882ZC, M001T84381ZC,
 M002T88471, M002T88473, m0t84881,
 MOT84881ZC, MOT84882ZC
 12 V, No./ terminals 3


237861 Solenoid

Replacing: M371XD1171
 Servicing: M000T36071, M000T45271,
 M000T45271ZT, MOT36071, MOT45271,
 m0t45271zt, MR994922
 12 V, B+ M8, Kl. 50 6.30, OD 51.40,
 Total length 114.45,
 Height/ B+ 14.00, No./ terminals 3



239823 Solenoid

Replacing: M001T30071, M001T30072, M001T30171, M001T30172, m1t30071, M1T30072, M1T30171, M1T30172
 12 V, B+ M8, Kl. 50 M6-4.70, OD 51.24, Total length 120.00, Height/ B+ 12.14, Width/ kl. 50 M6, No./ terminals 3



330176 Solenoid

Replacing: M000T22471, M000T22472, m0t22471, m0t22472
 12 V, B+ M8, Kl. 50 M5, OD 51.20, OD/ cover 45.13, Total length 109.00, Height/ B+ 19.41, Coil bolt M8, Coil bolt 2 11.76, No./ terminals 3



330363 Solenoid

Replacing: M008T76071, M008T76071ZE, M008T76072, M008T76072ZE, M8T76071, M8T76071ZE, M8T76072, M8T76072ZE
 12 V, B+ M8, Kl. 50 M5, OD 52.00, Total length 122.00, Height/ B+ 13.97, Width/ kl. 50 13.27, Coil bolt M8, Coil bolt 2 13.20, No./ terminals 3



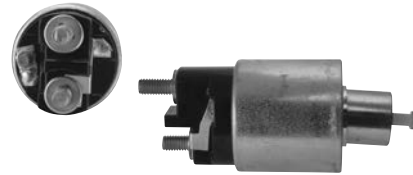
330415 Solenoid

Replacing: M002T85671, M002T85672, M2T85671, m2t85672
 12 V, B+ M8, Kl. 50 6.30, OD 51.32, Total length 129.06, Height/ B+ 11.65



330581 Solenoid

12 V, B+ M8, Kl. 50 Plug, OD 49.97, Total length 126.83, Switch dim. 8.80, Height/ B+ 15.60, Coil bolt M8, Coil bolt 2 13.40, No./ terminals 3



331523 Solenoid

Replacing: M000T45171, M000T45171ZT, MOT45171, MOT45171ZT
 12 V, B+ M8, Kl. 50 M5, OD 51.20, Total length 108.69, Height/ B+ 11.86, Width/ kl. 50 10.00, Coil bolt M8, Coil bolt 2 10.95, No./ terminals 3



331786 Solenoid

Replacing: M371XD0971
 Replacing: M000T30771, MOT30771, MOT35171, m414x00474, mr994325
 12 V, B+ M8, Kl. 50 6.30, OD 51.23, Total length 115.76, Height/ B+ 14.41, Width/ kl. 50 45.00, Coil bolt M8, Coil bolt 2 14.00, No./ terminals 3



332238 Solenoid

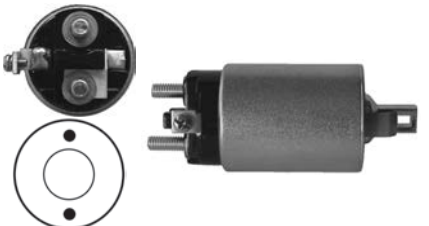
Replacing: M000T86781, m0t86781
 12 V, B+ M8, Kl. 50 M6, OD 51.30, Total length 126.35, Height/ B+ 12.30, Width/ kl. 50 13.00, Coil bolt M8, Coil bolt 2 11.45, No./ terminals 3



332328 solenoid

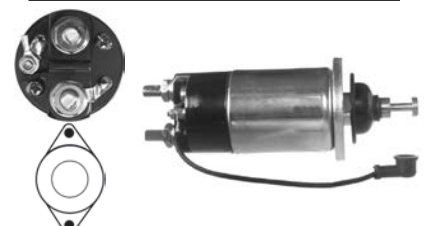
Replacing: M001T80681, M1T80681
 12 V, B+ M8, Kl. 50 M5, OD 51.15, OD/ cover 49.40, Switch dim. 7.80, Height/ B+ 20.00, Width/ kl. 50 12.50, Coil bolt M8, Coil bolt 2 11.00, No./ terminals 3

24 Volt



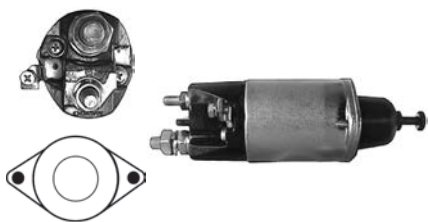
132591 Solenoid

Replacing: ME700984, me700316, me700135, me700119, m372x11171, m372x11071, m372x10971, m372x10372, m372x10371
 Servicing: M002T64271, M002T64371, M002T64373, M002T65271, M002T65272, M002T66871, M002T66872, M002T66873, M002T67871, M002T67872
 24 V, B+ M8, Kl. 50 9.40, OD 55.15, OD/ cover 48.75, Total length 138.40, Height/ B+ 22.00, Width/ kl. 50 13.30, Coil bolt M8, Coil bolt 2 17.10, No./ terminals 3
 Cap: HC-CARGO 230914.

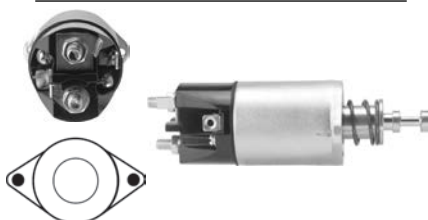


134413 Solenoid

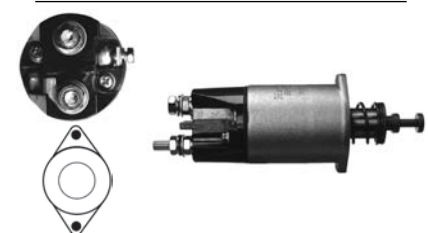
Replacing: ME023103
 24 V, B+ M10, OD 62.60, OD/ cover 61.70, Total length 203.85, Height/ B+ 23.80, Coil bolt M10, Coil bolt 2 23.00, No./ terminals 3
 Cap: HC-CARGO 137869.


136142 Solenoid

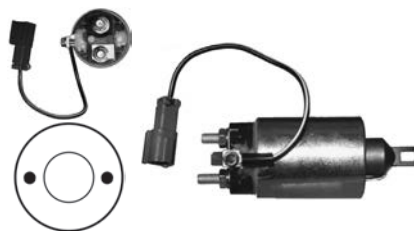
Replacing: me700278, m371x21571
 Servicing: M003T95071, M003T95073, M003T95081, M003T95082, M004T55076, M3T95071, M3T95073, M3T95081, M3T95082, m4t55076, ME057985
 24 V, B+ M10, Kl. 50 9.40, OD 55.50, OD/ cover 53.25, Total length 190.70, Height/ B+ 28.30, Width/ kl. 50 13.35, Coil bolt M8, Coil bolt 2 18.20, No./ terminals 3
 Cap: HC-CARGO 234318.


136344 Solenoid

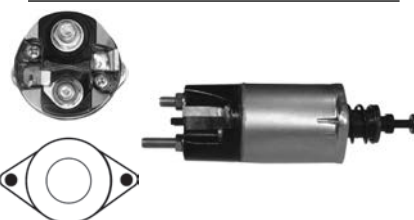
Replacing: ME700215, m371x20672, m371x20671, m371x20271
 Servicing: M002T69171, M003T56174, M003T56181, M003T56182, M003T56183, M003T56272, M2T69171, M2T78071, M2T78271, M3T56174
 24 V, B+ M8, Kl. 50 9.40, OD 55.10, OD/ cover 54.20, Total length 174.35, Height/ B+ 13.80, Width/ kl. 50 11.75, Coil bolt M8, Coil bolt 2 13.85, No./ terminals 3
 Cap: HC-CARGO 137870.


138418 Solenoid

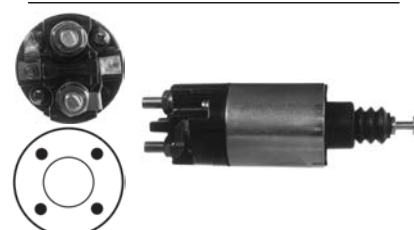
Replacing: me701290, me700035, m371x20572, m371x20571
 Servicing: M003T56071, M003T56072, M003T56074, M003T56082, M003T56084, M005T50176, M3T56071, M3T56072, M3T56074, M3T56076
 24 V, B+ M8, Kl. 50 9.40, OD 55.30, OD/ cover 53.85, Total length 189.55, Height/ B+ 25.65, Width/ kl. 50 12.95, Coil bolt M8, Coil bolt 2 15.10, No./ terminals 3


139824 Solenoid

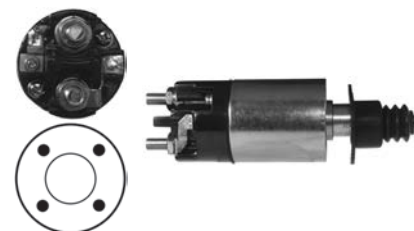
Replacing: ME753433, me701490, M372X13071, m372x11871
 Servicing: M008T80071, M008T80071A, M008T80071B, M8T80071, M8T80071A, M8T80071B, ME012995, ME013008, ME014418
 24 V, B+ M8, Kl. 50 9.40, OD 55.25, OD/ cover 48.55, Total length 149.00, Height/ B+ 21.00, Width/ kl. 50 12.00, Coil bolt M8, Coil bolt 2 18.00, No./ terminals 3


231780 Solenoid

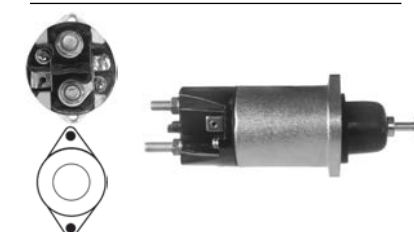
Replacing: me700853, m371x21071
 Servicing: M002T78372, M002T78381, M002T78382, M002T78383, M2T78372, M2T78381, M2T78382, M2T78383, ME087590
 24 V, B+ M8, Kl. 50 9.40, OD 55.15, OD/ cover 54.00, Total length 189.75, Height/ B+ 27.90, Width/ kl. 50 14.70, Coil bolt M8, Coil bolt 2 15.70, No./ terminals 3


234319 Solenoid

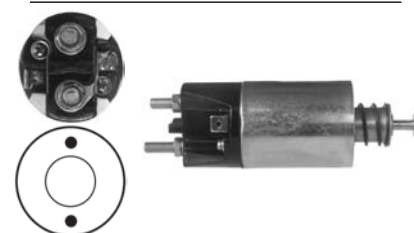
Replacing: ME700828, me700174, m373x05371, m373x05171, m373x04771, m373x04571
 Servicing: M004T95076, M004T95082, M4T95075, M4T95076, M4T95081, M4T95082, M4T95681, M5T50071, M5T50089, M5T50177, M5T50179
 24 V, B+ M10, Kl. 50 M5, OD 64.00, OD/ cover 63.60, Total length 210.25, Height/ B+ 23.30, Width/ kl. 50 14.30, Coil bolt M10, Coil bolt 2 24.10, No./ terminals 3
 Cap: HC-CARGO 234321.


234320 Solenoid

Replacing: ME700196, m373x06971, m373x04071
 Servicing: M004T55076, M004T55077, M009T80771, M4T55076, M4T55077, M9T80771
 24 V, B+ M10, Kl. 50 M5, OD 63.90, OD/ cover 63.40, Total length 211.40, Height/ B+ 24.55, Width/ kl. 50 14.20, Coil bolt M10, Coil bolt 2 24.50, No./ terminals 3


234482 Solenoid

Replacing: ME700379, m371x20871
 Servicing: M002T69081, M002T78481, M2T69081, M2T78481, M2T78482, M3T58371, ME013390, ME013391
 24 V, B+ M8, Kl. 50 9.40, OD 55.00, OD/ cover 54.40, Total length 185.30, Height/ B+ 25.25, Width/ kl. 50 9.95, Coil bolt M8, Coil bolt 2 20.75, No./ terminals 3

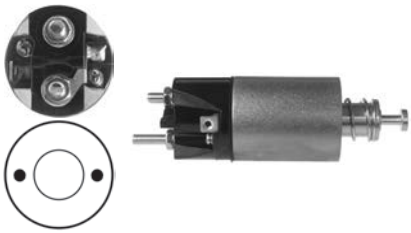

234484 Solenoid

Replacing: m371xb2671, m371xb2271, m371xb2270
 Servicing: m8t60171, M8T87371
 24 V, B+ M8, Kl. 50 9.40, OD 55.10, OD/ cover 54.50, Total length 174.75, Height/ B+ 23.70, Width/ kl. 50 10.70, Coil bolt M8, Coil bolt 2 19.00, No./ terminals 3



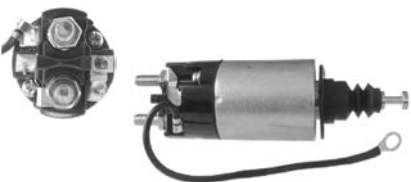
234871 Solenoid

Replacing: ME700307, m371x20171
 Servicing: M004T50073, M4T50073
 24 V, B+ M8, Kl. 50 9.40, OD 55.15,
 OD/ cover 54.40, Total length 184.00,
 Height/ B+ 21.55, Width/ kl. 50 11.25,
 Coil bolt M8, Coil bolt 2 16.95,
 No./ terminals 3



234872 Solenoid

Replacing: me701443, me701442,
 m371xb2571, m371xb2371, m371xb2171
 Servicing: M008T60071, M008T60071A,
 M008T60371, M008T60372, M008T60373,
 M008T85071B, M008T85571, M009T61071,
 M009T61071A, M8T60071
 24 V, B+ M8, Kl. 50 9.40, OD 55.25,
 OD/ cover 54.45, Total length 180.25,
 Height/ B+ 28.20, Width/ kl. 50 11.60,
 Coil bolt M8, Coil bolt 2 17.25,
 No./ terminals 3



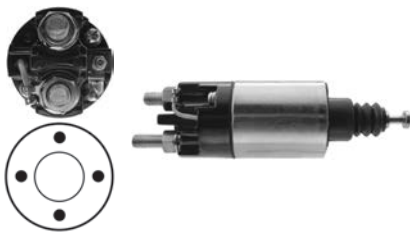
234875 Solenoid

Replacing: m373x05071, M371X05071
 Servicing: M004T95481, M4T95478,
 M4T95479, M4T95480, m4t95481
 24 V, B+ M10, Kl. 50 M5, OD 64.00,
 OD/ cover 63.20, Total length 217.80,
 Height/ B+ 29.60, Width/ kl. 50 16.60,
 Coil bolt M10, Coil bolt 2 30.65,
 No./ terminals 4



237102 Solenoid

Replacing: m371xb4171
 Servicing: 34MT, M009T60371, M009T60471,
 M009T60671, M009T60672, M009T61171,
 M009T61571, m9t60371, M9T60471,
 M9T60671, M9T60672
 24 V, B+ M10, Kl. 50 M5, OD 55.15,
 Total length 176.50, Height/ B+ 18.50,
 Coil bolt M10, Coil bolt 2 20.00,
 No./ terminals 3



237845 Solenoid

Replacing: m373x07671
 Servicing: 39MT, M009T80472, M009T80473,
 M009T82479, M009T83671, M9T80472,
 M9T80473, m9t82479, M9T83671
 24 V, B+ M12, Kl. 50 M5, OD 64.00,
 OD/ cover 63.50, Total length 224.65,
 Height/ B+ 38.10, Width/ kl. 50 13.55,
 Coil bolt M12, Coil bolt 2 31.45,
 No./ terminals 3



330348 Solenoid

Servicing: M008T61671, M009T61671,
 M8T61671, M9T61671
 24 V, B+ M10, Kl. 50 M6, OD 55.49,
 OD/ cover 54.70, Total length 180.00,
 Height/ B+ 18.29, Coil bolt M10,
 Coil bolt 2 17.92, No./ terminals 3

Safety Switches

24 Volt



233891 Safety Switch

Replacing: u001x31272, u001x06096, me701689
 Servicing: M008T85071B, M2T69381,
 M8T61171, M8T85071, M8T85071A,
 M8T85071B, ME012994, ME013007, ME017628
 24 V, OD 34.55, Total length 61.65



237090 Safety Switch

Servicing: M009T60471, M009T60671,
 M009T60672, M009T61571, M9T60471,
 M9T60671, M9T60672, M9T61571
 24 V, OD 34.55, Total length 60.00,
 No./ terminals 4



237517 Safety Switch

Servicing: M009T61171, M9T61171
 24 V, Total length 63.00



332139 Safety Switch

Servicing: M009T62173, M009T64171,
 M9T62173, M9T64171
 24 V, Kl. 50 M6, OD 35.70,
 Total length 80.00, No./ terminals 4

Solenoid Parts
Solenoid Caps

Pkg. 5


133113 Solenoid Cap

Servicing: M001T70481, M001T70481ZC,
 M001T70482, M001T70483, M001T70483ZC,
 M001T70485, M001T70485A, M003T20081,
 M003T20381

No./ terminals 4, Bracket type Crimp
 HC-CARGO 132095.

Pkg. 5


133273 Solenoid Cap

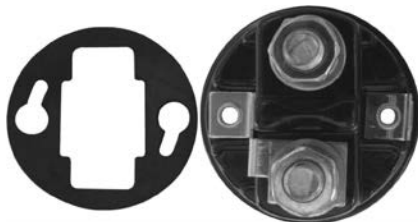
Servicing: 1810A050, 1810A053,
 M000T71681, M000T80381, M000T80881,
 M000T81281, M000T81283, M000T81284,
 M000T91381, M001T50172

No./ terminals 3, Bracket type Crimp
 HC-CARGO 131802, 133053.


133284 Solenoid Cap

Servicing: M000T80081, M001T60185,
 M001T60581, M001T61181, M001T70281,
 M001T70281ZC, M001T70283,
 M001T70283ZC, M001T70781

No./ terminals 3, Bracket type Crimp
 HC-CARGO 132763, 138012.


133285 Solenoid Cap

Servicing: M000T71681, M001T60081,
 M001T60181, M001T60185, M001T70981,
 M001T70982, M001T70982A, M001T71381,
 M001T71382

No./ terminals 3, Bracket type Crimp
 HC-CARGO 133049.


133286 Solenoid Cap

Servicing: M002T54571, M002T54572,
 M002T54871, M002T56471, M002T56472,
 M002T56475, M002T60185, M002T62271,
 M002T65271, M002T65272

No./ terminals 3, Bracket type Crimp
 HC-CARGO 132472, 133050, 139586.

Pkg. 5


133287 Solenoid Cap

Servicing: M000T45271, M000T45271ZT,
 M000T70381, M000T80081, M000T80281ZC,
 M000T81181, M000T81681, M000T81981,
 M000T83981

No./ terminals 3, Bracket type Crimp
 HC-CARGO 132917, 133052, 133288, 138618,
 139408, 231977.

Pkg. 5


134625 Solenoid Cap

Servicing: M001T77781, M002T51082,
 M002T51083, M002T51085, M002T51805,
 M002T54371, M002T54372, M002T54771,
 M002T57273, M002T57371

No./ terminals 3, Bracket type Crimp
 HC-CARGO 132471, 132473, 230204.


134626 Solenoid Cap

Servicing: M002T54871, M002T54881,
 M002T54882, M002T56171, M002T56181,
 M002T56182, M002T56185, M002T56272,
 M002T57271, M002T60171

No./ terminals 3, Bracket type Crimp
 HC-CARGO 235077, 138820, 231981.


134915 Solenoid Cap

Servicing: M001T70481, M001T70481ZC,
 M001T70482, M001T70483, M001T70483ZC,
 M001T70485, M001T70485A, M002T48081,
 M1T70481

No./ terminals 4, Bracket type Crimp
 HC-CARGO 133289.


137797 Solenoid Cap

Servicing: M003T32782D, m371x63171,
 m371x63271, m371x63571, M3T32782D

No./ terminals 4, Bracket type Crimp
 HC-CARGO 135590.


137870 Solenoid Cap

Servicing: m371x20171, m371x20271,
 m371x20671, m371x20672, M371X22071

No./ terminals 3
 HC-CARGO 136344.



137931 Solenoid Cap

Servicing: M001T60281, M1T60281, m371x92575

No./ terminals 3, Bracket type Crimp
HC-CARGO 137930.

Pkg. 5



138008 Solenoid Cap

Servicing: m371x51371, m371x61371

No./ terminals 4, Bracket type Crimp
HC-CARGO 136376, 231979.



138821 Solenoid Cap

Servicing: M001T72281A, M001T72285, M001T72781A, M001T72781B, M001T78881, M1T72281A, M1T72285, M1T72781A, M1T72781B, M1T78881

No./ terminals 3, Bracket type Crimp
HC-CARGO 138011.



138822# Solenoid Cap

Replacing: m371x77771

Servicing: M001T70985, M001T71681, M1T70985, M1T71681, M1T71681A, m371x68771

No./ terminals 3, Bracket type Crimp
HC-CARGO 133039.



230385 Solenoid Cap

Servicing: M000T80381, M000T85981, M002T37281, MOT80381, MOT85981, M2T37281, m371x93975, MD362207

No./ terminals 3, Bracket type Crimp
HC-CARGO 139202.



230914 Solenoid Cap

Servicing: M008T80071, M008T80071A, M008T80071B, m372x10271, M8T80071, M8T80071A, M8T80071B, ME012995, ME013008, ME014418

No./ terminals 3, Bracket type Crimp
HC-CARGO 132591.

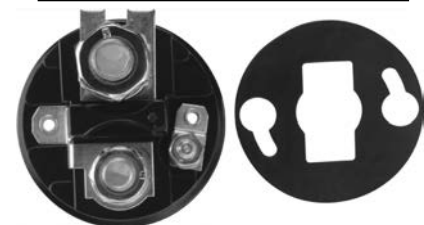
Pkg. 5



231107 Solenoid Cap

Servicing: M000T70281, M000T70285, M000T80281A, M000T80281B, M000T80281ZC, M000T80285, M000T80285A, M001T72086A, M001T72087A

No./ terminals 3, Bracket type Crimp
HC-CARGO 138012, 231454.



231458 Solenoid Cap

Servicing: M003T90072, M3T90072

No./ terminals 3, Bracket type Crimp
HC-CARGO 231457.



231860 Solenoid Cap

Servicing: M000T82081, M000T82081ZE, M000T85381, M000T86081, M000T87881, M001T80381, M002T80582, M002T84771, M002T87671, MOT82081

No./ terminals 3, Bracket type Crimp
HC-CARGO 233709.



232224# Solenoid Cap

No./ terminals 2, Bracket type Crimp
HC-CARGO 231983.



232225 Solenoid Cap

Servicing: M001T74281, M001T74281ZC, M001T74283, M001T74283ZC, M001T74286ZC, M001T74287ZC, M001T79481, M001T79482, M001T84381ZC

No./ terminals 3, Bracket type Crimp
HC-CARGO 137813.



233927 Solenoid Cap

Servicing: 1810A050, 1810A053, M002T84071, M002T84071ZT, M002T84171, M002T84171ZT, M002T84571, M002T85271, M002T87071

No./ terminals 3, Bracket type Crimp
HC-CARGO 139537.

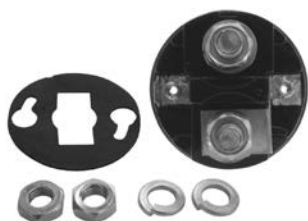


234321 Solenoid Cap

Servicing: m373x04071, m373x04571, m373x05171

No./ terminals 3
HC-CARGO 234319, 234320.

Pkg. 5



238169 Solenoid Cap

Servicing: M002T74171, m2t74171, md140190, md164976

No./ terminals 3

Moving Contacts

Pkg. 10



133275 Moving Contact

Servicing: M000T71681, M000T80381, M000T81181, M000T86481, M000T91381, M001T30071, M001T30072, M001T30171, M001T30172, M001T60081

Length 26.00, Shaft measurement 26.00, Thickness 2.60, Width 16.00/11.00

Pkg. 10



134673 Contact Plate

Servicing: M001T60285, M001T77281, M001T80381, M002T54571, M002T54572, M002T54871, M002T54881, M002T54882, M002T56171, M002T56181

Length 30.20, Thickness 2.95, Width 17.55



Pkg. 10

135017 Contact Plate

Servicing: M002T50171, M002T52071, M003T21281, M003T21282, M003T21781, M003T21881, M003T21882, M003T22581, M003T22582, M003T25781

Length 30.00, Thickness 3.00, Width 14.00

Pkg. 5



135106 Moving Contact

Servicing: M002T10171, M002T23181, M2T10171, M2T23181, M370X50171, M370X50181, M370X50571, M370X50581, M370X50971, m371x00181

Length 31.30, Shaft measurement 33.65, Thickness 2.85, Width 14.20

Pkg. 10



135108 Moving Contact

Servicing: m372x02371, m372x04171, m372x06171, m372x10171, m372x10371

Length 31.00, Shaft measurement 39.00, Thickness 2.80, Width 14.50

Pkg. 10



135137 Contact Plate

Servicing: 1810A050, 1810A053, M000T21471, M000T32171, M000T32172, M000T36071, M000T45271, M000T45271ZT, M000T80285, M000T80285A

Length 30.25, Thickness 3.00, Width 11.15/14.10



Pkg. 10

136858 Contact Plate

Length 30.00, Width 14.10

Pkg. 5



139955 Moving Contact

Servicing: 1810A050, 1810A053, M000T45071ZT, M000T45371ZT, M000T71681, M000T80281A, M000T80281B, M000T80281ZC, M000T81181

Length 29.00, Shaft measurement 28.80, Thickness 2.55, Width 16.00/11.00

Pkg. 5



233166 Moving Contact

Length 30.00, Shaft measurement 23.00, Thickness 2.60, Width 16.00

Pkg. 5



233167 Moving Contact

Length 30.00, Shaft measurement 38.00, Thickness 3.00, Width 16.00



Pkg. 10

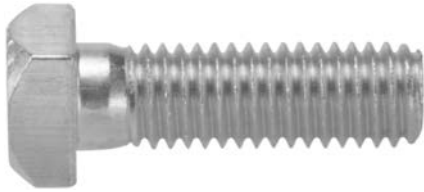
235099 Moving Contact

Servicing: M001T80681, M002TS0571, M002TS0575, M1T80681, M2TS0571, M2TS0575

Length 31.00, Shaft measurement 29.20, Thickness 2.60, Width 14.00

Fixed Contacts

Pkg. 10

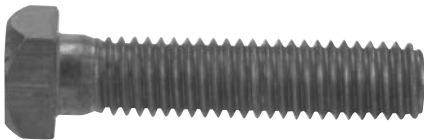


332565 Contact Bolt

Servicing: M001T80081, M001T80082, m1t80081, m1t80082

Total length 28.15, Length/ rear collar 23.15, Thread length 19.00, Thread size M8

Pkg. 10



332566 Bolt

Servicing: M001T80081, M001T80082, m1t80081, m1t80082

Total length 40.50, Length/ rear collar 34.90, Thread length 30.80, Thread size M8

Various

Pkg. 10



233064 Screw

Thread M6, Total length 46.25, Thread length 31.45



Pkg. 25

235066 Terminal Switch

Servicing: M002T88471, M002T88473, M2T88471, M2T88473

Total length 37.90

Drives



130741 Drive

Replacing: md602679, md602052, m191t34571, m191t33071, m191t31671, m191t30973, m191t30972, m191t30971

Servicing: M002T10171, M002T10271, M002T10471, M003T10071, M003T10271, M003T10272, M003T10372, M003T11174, M003T12572, M003T15071

ID 12.85, OD 29.15, OD/ housing 45.40, Total length 60.15, Splines A 8, No./ teeth 9, Rotation CR



131087 Drive

Replacing: md608273, md607283, m191t35171, m191t34071, m191t33372, m191t33371, m191t30974

Servicing: A3T22681, M002T10171, M002T20181, M002T20181A, M002T20182, M002T20281, M002T23081, M002T25772, M003T10672, M003T11272

ID 12.75, OD 28.10, OD/ housing 45.00, Total length 61.55, Splines A 8, No./ teeth 8, Rotation CR



131110 Drive

Replacing: md604047

Servicing: md011550, md011553

ID 12.55, OD 29.10, OD/ housing 46.25, Total length 64.00, Splines A 10, No./ teeth 9, Rotation CR



131628 Drive

Replacing: m191t31071, m191t30371

Servicing: M3T10471, M3T10473, M3T10475, M3T10476, M003T10476, M003T10473, M003T10475,

ID 12.80, OD 34.40, OD/ housing 45.30, Total length 60.60, Splines A 8, No./ teeth 11, Rotation CR



132005 Drive

Replacing: md607894, m191t23471, m191t23071, m191t22971, m191t22771, m191t22371, m191t22071

Servicing: M002T30381, M002T30385, M002T30581, M002T30585, M002T30586, M002T30881, M002T32281, M002T40081, M002T41381, M002T41581

ID 12.00, OD 28.20, OD/ housing 45.50, Total length 56.00, Splines A 8, No./ teeth 8, Rotation CR
Alternative no.: 132005Z



132005Z Drive

Replacing: md607894, m191t23471, m191t23071, m191t22971, m191t22771, m191t22371, m191t22071

ID 12.00, OD 28.00, OD/ housing 46.20, Total length 55.65, Splines A 8, No./ teeth 8, Drive type Steel, Rotation CR
Alternative no.: 132005



132009 Drive

Replacing: m191t17071, m191t16071

Servicing: M001T74081, M001T74087, M001T75681, M001T84281, M001T84481, M1T74081, M1T74081A, M1T74087, M1T75681, M1T76381, M1T84281

ID 12.00, OD 29.70, OD/ housing 45.00, Total length 64.00, Splines A 8, No./ teeth 9, Rotation ACR


132010 Drive

Replacing: m191t16171

Servicing: M000T30471, M001T70381, M001T70381A, MOT30471, MOT71481, MOT81581, MOT84081, M1T70381, M1T70381A, m2t70381

 ID 12.00, OD 28.00,
 OD/ housing 48.00, Total length 64.00,
 Splines A 8, No./ teeth 8,
 Drive type Steel, Rotation ACR

132011 Drive

Replacing: m191x18171, m191t12471, m191t12071, m191t12070

Servicing: M000T70281, M000T70285, M000T70381, M000T71385, M000T71581, M000T71681, M000T71786, M000T80081, M000T80581, M000T80781

 ID 12.00, OD 28.00,
 OD/ housing 46.00, Total length 50.20,
 Splines A 8, No./ teeth 8, Rotation CR
 Shaft set/clutch set: HC-CARGO 138579, 235285, 239361.

132012 Drive

Replacing: m191x13271, m191t13271, m191t12171

Servicing: M000T80381, M001T70981, M001T70981A, M001T70982, M001T70982A, M001T70985, M001T71081, M001T71281, M001T71281A

 ID 12.00, OD 31.55,
 OD/ housing 46.00, Total length 51.80,
 Splines A 8, No./ teeth 10, Rotation CR

132014 Drive

Replacing: m191t16271

Servicing: M000T80881, M001T70781, M001T75581, M001T75581ZC, M001T77081, MOT80881, M1T70781, M1T75581, M1T75581ZC, M1T77081

 ID 12.00, OD 37.35,
 OD/ housing 48.00, Total length 75.00,
 Splines A 8, No./ teeth 12, Rotation ACR

132765 Drive

Replacing: m191t58971

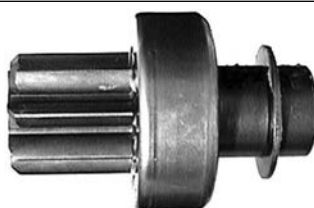
Servicing: M005T22175, M005T22176, M5T22175, M5T22176

 ID 14.00, OD 48.00,
 OD/ housing 56.50, Total length 65.65,
 Splines A 10, No./ teeth 12, Rotation CR

132822 Drive

Replacing: m191t34771

Servicing: M003T19771, M003T19871, M003T24181, M003T39781, M003T39881, M3T19771, M3T19871, M3T24181, M3T39781, M3T39881

 ID 12.85, OD 25.20,
 OD/ housing 46.00, Total length 60.70,
 Splines A 8, No./ teeth 9, Rotation CR

133268 Drive

Replacing: m191t26171

Servicing: M002T30681, M002T30786, M002T37081, M002T49282, M002T49283, M003T37081, M003T48382, M2T30681, M2T30685, M2T30686

 ID 12.00, OD 28.00,
 OD/ housing 46.00, Total length 70.35,
 Splines A 8, No./ teeth 8, Rotation ACR

133454 Drive

Replacing: m191t23171, m191t22871, m191t22271

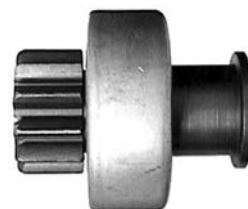
Servicing: M002T30481, M002T41581, M002T42381, M003T33481, M003T49981, m2t30481, M2T41581, M2T42381, M3T33481, M3T49981

 ID 12.00, OD 29.00,
 OD/ housing 46.00, Total length 55.50,
 Splines A 8, No./ teeth 9, Rotation CR

133480 Clutch

Replacing: m357t75671

Servicing: M002T23685, M003T19971, M003T26685, M2T23685, m3t19971, M3T26685

 OD/ housing 60.00, Total length 98.00,
 No./ teeth 21, Rotation ACR

133520 Drive

Replacing: m191y57081, m191t57083, m191t57081, m191t57072

Servicing: M5T22371, M5T27672

 ID 14.30, OD 34.18,
 OD/ housing 56.00, Total length 65.85,
 Splines A 10, No./ teeth 11, Rotation CR

133628 Clutch

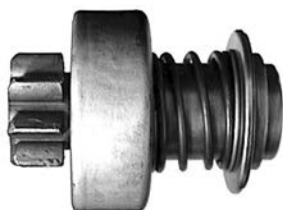
Replacing: m357x86371, m357x83374, m357t75371

Servicing: M002T92071, M002T92071A, M002T92171, M002T92172, M002T92172A, M2T78571, M2T78571A, M2T92071, M2T92071A, M2T92171

 OD 33.00, Total length 104.00,
 Splines A 20, No./ teeth 10


134918 Drive

Replacing: m191t26771
 Servicing: M003T33081, M3T33081
 ID 12.00, OD 28.00,
 OD/ housing 46.00, Total length 56.20,
 Splines A 8, No./ teeth 8, Rotation ACR


134925 Drive

Replacing: md618887
 ID 12.00, OD 27.80,
 OD/ housing 46.85, Total length 63.00,
 Splines A 10, No./ teeth 8, Rotation CR


134960 Drive

Replacing: m191t36571
 Servicing: M002T23181, M003T22181,
 M003T22185, M003T22281, M003T27781,
 M2T23181, M3T22181, M3T22185, M3T22281,
 M3T27781
 ID 12.80, OD 28.00, OD/ housing 45.45,
 Total length 73.80, Splines A 8,
 No./ teeth 8, Drive type Steel, Rotation ACR


135567 Drive

Replacing: m191t22471
 Servicing: M002T13081, M002T13281,
 M002T13581, M002T48381, M003T32985,
 M003T32986, M003T32988, M003T32989,
 M003T32991, M2T13081
 ID 12.00, OD 25.25,
 OD/ housing 46.00, Total length 55.00,
 Splines A 8, No./ teeth 9, Rotation CR


135572 Drive

Replacing: m191t22571
 Servicing: M002T20181, M002T20181D,
 M002T42981, M003T48281A, M2T20181, M2T20181D,
 M2T42981, M2T42985, M3T48281, M3T48281A
 ID 12.00, OD 28.00,
 OD/ housing 46.35, Total length 70.50,
 Splines A 8, No./ teeth 8, Rotation CR


135581 Drive

Replacing: m191t23371
 Servicing: M003T27686, M003T27686H,
 M003T27686N, M003T30581, M003T30581H,
 M003T33981H, M003T37481, M003T42681,
 m3t17686h
 ID 12.00, OD 32.00,
 OD/ housing 45.00, Total length 55.60,
 Splines A 8, No./ teeth 10, Rotation CR


135721 Clutch

Replacing: m357x77571, m357x77271
 Servicing: M002T24181, M002T25083,
 M002T25281, M002T25282, M002T25581,
 M002T25681, M002T25681G, m2t24082,
 M2T24181, M2T24281
 OD/ housing 57.00, Total length 114.40,
 Splines A 8, No./ teeth 20, Rotation ACR


136145 Drive

Replacing: m191x13571, m191t13571
 Servicing: M001T60381, M1T60381
 ID 10.70, OD 29.15,
 OD/ housing 46.25, Total length 78.50,
 Splines A 8, No./ teeth 9, Rotation CR


136229 Drive

Replacing: m191t12571
 Servicing: M001T72981, M001T72981A,
 M001T72985, M001T72985A, M001T74781,
 M001T74781A, M001T74785, M001T78881,
 M1T72981, M1T72981A
 ID 12.00, OD 28.00,
 OD/ housing 46.00, Total length 75.95,
 Splines A 8, No./ teeth 8, Rotation CR


136348 Drive

Replacing: m191x27171, m191t27171,
 m191t26971, m191t26571
 Servicing: M002T41181, M002T41182,
 M003T27781, M003T27781D, M003T37782,
 M003T37783, M003T40471, M003T49281,
 M003T49282, M2T41181
 ID 12.00, OD 27.95,
 OD/ housing 46.00, Total length 89.20,
 Splines A 4, No./ teeth 8, Rotation ACR


136594 Clutch

Replacing: m357x82175
 Servicing: M002T54085, M002T58981,
 M2T54085, M2T58981
 Total length 110.00/123.00, No./ teeth 11


136602 Drive

Replacing: m191t12871
 Servicing: M000T84881, M000T84882ZC,
 M001T72481, M001T72481ZC, M001T74581,
 M001T74583, M0T84881, M0T84882ZC,
 M1T72481, M1T72481ZC
 ID 12.00, OD 29.40,
 OD/ housing 46.00, Total length 50.00,
 Splines A 8, No./ teeth 9, Rotation CR


136722 Drive

Replacing: m357x91372, M191T18271, m191t14671, m191t13671

Servicing: 1810A101, M000T22471, M000T22472, M000T35471, M000T60081A, M000T60181, M000T60181A, M000T65381, M000T82081

ID 12.00, OD 31.80,
OD/ housing 46.00, Total length 51.00,
Splines A 8, No./ teeth 12, Rotation CR


136923 Drive

Replacing: m191x16971, m191x16771, m191t16971, m191t16771

Servicing: M000T80281, M000T80281A, M000T80281B, M000T80281ZC, M000T80285, M000T80285A, M000T81381, M000T81681, M000T83981

ID 12.00, OD 28.00,
OD/ housing 46.15, Total length 75.35,
Splines A 8, No./ teeth 8, Rotation ACR


137218 Drive

Replacing: m191t12971

Servicing: M000T60081A, M000T60181, M000T60181A, M000T65381, M001T60081, M001T60181, M001T60185, M001T60285A, M001T60581

ID 15.70, OD 29.14,
OD/ housing 46.00, Total length 73.31,
Splines A 8, No./ teeth 9,
Drive type Steel, Rotation CR


137643 Drive

Replacing: m191t15271, m191t14371, m191t12272, m191t12271

Servicing: M000T32171, M000T32172, M001T74281, M001T74281ZC, M001T74283, M001T74283ZC, M001T74286ZC, M001T74287ZC, M001T74481

ID 12.00, OD 27.90,
OD/ housing 46.15, Total length 51.75,
Splines A 8, No./ teeth 10, Rotation CR


137764 Drive

Replacing: m191t12671

Servicing: M001T72281, M001T72281A, M001T72285, M001T72781A, M001T72781B, M1T72281, M1T72281A, M1T72285, M1T72781A, M1T72781B

ID 12.00, OD 28.00,
OD/ housing 46.25, Total length 64.90,
Splines A 8, No./ teeth 8, Rotation CR


137765 Drive

Replacing: m191x13471, m191t13471

Servicing: M000T60081, M000T60081A, M001T60281, M001T60285, M0T60081, M0T60081A, M0T60187, M1T60281, M1T60285

ID 10.70, OD 29.20,
OD/ housing 46.35, Total length 77.25,
Splines A 8, No./ teeth 9, Rotation CR
Dust cover kit: HC-CARGO 230549.


139410 Drive

Replacing: m357x78471, m357x77971

Servicing: M002T25481, M2T25481

OD 59.75, Total length 97.40,
Splines A 8, No./ teeth 21, Rotation ACR


139541 Drive

Replacing: md618963, m191x68071, m191t15071

Servicing: 1810A053, M002T80582, M002T84071, M002T84071ZT, M002T84171, M002T84171ZT, M002T84571, M002T85271, M002T87071

ID 13.05, OD 32.90,
OD/ housing 46.00, Total length 50.80,
Splines A 8, No./ teeth 10, Rotation CR


139609[#] Drive

Replacing: m191x66271, m191t66271

Servicing: M003T90072, M3T90072

ID 17.00, OD 39.70,
OD/ housing 60.00, Total length 109.20,
Splines A 10, No./ teeth 13, Rotation CR


230332 Drive

Replacing: m357x85073

Servicing: M003T56181, M003T56182, M003T56183, M3T56181, M3T56182, M3T56183, M3T58571

OD 39.00, Total length 139.40, Splines A 20, Splines B 22, No./ teeth 10


231341 Drive

Replacing: m191x68971, m191t93971, m191t68971

Servicing: M002T87671, m2t87671

ID 13.00, OD 35.00,
OD/ housing 46.40, Total length 51.40,
Splines A 8, No./ teeth 9, Rotation CR


231415 Drive

Replacing: md619204, m191x68471

Servicing: M002T87371, M002T87971, M002T88071, M002T88171, M002T88271, M002T88671, M2T87371, M2T87971, M2T88071, M2T88171

 ID 13.05, OD 37.50,
 OD/ housing 47.00, Total length 51.50,
 Splines A 8, No./ teeth 12, Rotation CR

231952 Drive

Replacing: M191T76081, m191t14271

Servicing: M001T30071, M001T30072, M001T30171, M001T30172, M001T76081, M1T30071, M1T30072, M1T30171, M1T30172, M1T6082, m1t76081

 ID 12.00, OD 33.00,
 OD/ housing 46.25, Total length 51.50,
 Splines A 8, No./ teeth 10, Rotation CR

231954# Drive

Replacing: m191x32271, m191t32271

Servicing: M003T10977, M3T10977, MEA10-7

 ID 12.85, OD 39.75,
 OD/ housing 45.75, Total length 60.75,
 Splines A 8, No./ teeth 10, Rotation ACR

234514 Drive

Replacing: m191t19271

Servicing: M000T20871, M000T20871ZE, M000T21471, M000T86081, M001T80481, m0t20871, MOT20871ZE, MOT21471, MOT86081, m1t80481

 ID 11.90, OD 34.50,
 OD/ housing 47.00, Total length 50.30,
 Splines A 8, No./ teeth 13, Rotation CR

235426 Drive

Replacing: m191x243bt, 6001547546

Servicing: M000T45071ZT, M000T45171, M000T45371ZT, MOT45071ZT, MOT45171, MOT45371ZT

 ID 10.70, OD 45.00,
 OD/ housing 22.00, Total length 44.00,
 Splines A 12, No./ teeth 8, Rotation CR

236752 Drive

Replacing: m191x16371

Servicing: M000T87081, m0t82881, MOT87081

 ID 12.00, OD 40.00,
 OD/ housing 47.00, Total length 76.15,
 Splines A 8, No./ teeth 13, Rotation ACR

236779 Drive

Replacing: M191X19971

Servicing: M000T87681, M000T90981, MOT87681, m0t90981

 ID 12.00, OD 35.00,
 OD/ housing 44.00, Total length 51.00,
 Splines A 8, No./ teeth 11,
 Drive type Steel, Rotation CR

237105 Clutch

Replacing: m191x94071, m191t94071

ID 67.62, Total length 133.50, Splines 60


237858 Drive

Servicing: M000T45271, M000T45271ZT, MOT45271, m0t45271zt, MR994922

 ID 10.60, OD 23.60,
 OD/ housing 44.95, Total length 70.90,
 Splines A 12, No./ teeth 8,
 Drive type Steel, Rotation ACR

330417 Drive

Replacing: M191T95671

Servicing: M002T85671, M002T85672, M002T85871, M2T85671, m2t85672, M2T85871

 ID 11.97, OD 29.26, OD/ housing 46.84,
 Total length 64.26, Splines A 8,
 No./ teeth 9, Drive type Steel, Rotation CR

331730 Drive

Replacing: M191X15871

Servicing: M000T30771, M000T36071, MOT20471, MOT30771, MOT35171, MOT36071, m414x00474, mr994325

 ID 12.00, OD 28.00, OD/ housing 47.00,
 Total length 41.50, Splines A 8,
 No./ teeth 8, Drive type Steel, Rotation CR

333127 Drive

Replacing: M191T94571

Servicing: M002T88571, M2T88571, M2T88572

 ID 13.15, OD 32.40,
 OD/ housing 47.00, Total length 51.50,
 Splines A 8, No./ teeth 12,
 Drive type Steel, Rotation CR

Drive Parts
Caps

Pkg. 10



134260 Dp Cap
ID 54.00, OD 56.30

Rollers

Pkg. 1000



134247 Dp Rollers
OD 6.00, Length 13.60

Pkg. 500



237953 Roller
Servicing: m191x69771, m191x93771
OD 7.48, Length 22.38

Pkg. 100



238881 Roller
OD 8.50, Length 24.00

Springs

Pkg. 1000



134266 Dp Springs

Replacing: m800x70771
Servicing: M008T80371, M008T80373,
M8T80371, M8T80373
OD 5.10, Length 10.80

Pinion


132085 Pinion

Replacing: m605x31671
Servicing: M002T50981, M002T53781,
M002T53785, M003T30281, M2T50981,
M2T53581, M2T53781, M2T53785, M3T30281
ID 11.65, OD 37.00, Height 19.10,
Splines 18, No./ teeth 12



132483 Pinion

Replacing: md607789, m605x65171
Servicing: M002T56171, M002T56181,
M002T56182, M002T56185, M002T57271,
M002T57273, M002T57771, M002T57773,
M002T62971, M002T63171
ID 13.65, OD 32.30, Height 20.35,
Splines 20, No./ teeth 10



132799# Pinion

Replacing: md607936, m605x32971
Servicing: M002T51181, M002T51281,
M002T51282, M002T52281, M2T51181,
M2T51281, M2T51282, M2T52281, MD070933
ID 15.60, OD 32.50, Height 19.10,
Splines 18, No./ teeth 10



133006# Pinion

Replacing: md607545, md607415, m605x67071,
m605x62571, m605x61572, m605x61471
Servicing: M001T50471, M002T50171,
M002T50181, M002T52071, M002T52081,
M002T52082, M002T52181, M002T52681,
M002T53081, M002T53082
ID 11.80, OD 29.50, Height 18.95,
Splines 18, No./ teeth 9



133007 Pinion

Replacing: mm502529, m605x32471,
m605x25771, m605x23471
Servicing: M002T52871, M002T52881,
M002T52882, M002T54085, M002T54091,
M002T58381, M002T58581, M002T58681,
M002T58881, M002T58981
ID 12.00, OD 34.30, Height 19.00,
Splines 18, No./ teeth 11



133009 Pinion

Replacing: m605x61671
Servicing: M002T50281, M002T50285,
M002T50371, M002T50381, M002T50391,
M002T52381, M002T53681, M2T50281,
M2T50285, m2t50371
ID 11.20, OD 45.15, Height 18.95,
Splines 18, No./ teeth 15



133363 Pinion

Replacing: m605x32571
Servicing: M001T50071, M002T50481,
M002T50485, M1T50071, m2t50481, m2t50485
ID 11.90, OD 27.20, Height 19.20,
Splines 18, No./ teeth 10


133450 Pinion

Replacing: m605x28271

Servicing: M002T56471, M002T56472, M002T56475, M002T60271, M002T61371, M002T65271, M002T65272, M002T69171, M003T64172, M2T56471

ID 15.00, OD 42.00, Height 18.20, Splines 20, No./ teeth 11


133451 Pinion

Replacing: md611022, m605x66071

Servicing: M002T60171, M002T60172, M002T61071, M002T61072, M002T61171, M002T61271, M002T62771, M2T60171, M2T60172, M2T60671

ID 12.85, OD 40.00, Height 18.20, Splines 20, No./ teeth 13


133453 Pinion

Servicing: M001T50171, M001T50172, m1t50171, m1t50172

ID 15.65, OD 27.50, Height 18.65, Splines 18, No./ teeth 10


133493 Pinion

Replacing: mm502439, m605x30671

Servicing: M002T56271, M002T56272, M2T56271, M2T56272, M2T65671, MM409413

ID 15.00, OD 40.00, Height 18.20, Splines 20, No./ teeth 13



Pkg. 10

133630 Pinion

Replacing: m605x63172

Servicing: M002T54271, M002T64271, M002T64272, M003T52071, M2T54271, M2T54272, M2T64271, m2t64272, m3t52071

ID 13.45, OD 35.50, Height 17.70, Splines 20, No./ teeth 9


133871 Pinion

Replacing: me700375, m605x31971

Servicing: M002T57871, M002T57881, M002T61771, M002T66871, M002T66872, M002T66873, M002T67871, M002T67872, M002T67873, M002T67881

ID 13.30, OD 35.35, Height 17.70, Splines 20, No./ teeth 9


137492 Pinion

Replacing: md611748, m605x36071

Servicing: M002T60185, M002T61171, M2T60185, M2T61171, MD121581, MD156987, MD164978

ID 13.35, OD 39.85, Height 19.65, Splines 20, No./ teeth 13


137739 Pinion

Replacing: m605x27971

Servicing: M002T56071, M2T56071

ID 12.60, OD 39.95, Height 18.20, Splines 20, No./ teeth 10


139344 Pinion

Replacing: m605x36171

Servicing: M002T62271, M002T64373, M002T74371, M003T67671, M2T62271, M2T64373, M2T66271, M2T66272, M2T74371, M3T67671

ID 19.80, OD 38.50, Height 18.20, Splines 20, No./ teeth 10


139413 Pinion

Replacing: m605x91371

Servicing: A001T32371, A002T20571, A002T20972, A1T32371, A2T20571, A2T20972, M002T61871, M002T61871A, M002T61871B, M002T62071A

ID 15.65, OD 41.35, Height 18.90, Splines 18, No./ teeth 11


139585 Pinion

Replacing: m605x26971

Servicing: M002T54571, M002T54572, M003T67771, M2T54571, M2T54572, M3T67771

ID 19.70, OD 51.00, Height 18.25, Splines 20, No./ teeth 13


139820 Pinion

Replacing: me701489, m605x95571

Servicing: M008T80071, M008T80071A, M008T80071B, M008T85071B, M008T85571, M8T80071, M8T80071A, M8T80071B, M8T85071, M8T85071A

ID 20.00, OD 35.35, Height 17.70, Splines 20, No./ teeth 9


230333 Pinion

Replacing: m605x28571

Servicing: M003T56174, M003T56181, M003T56182, M003T56183, M3T56174, M3T56181, M3T56182, M3T56183, M3T58571

ID 12.80, OD 38.80, Height 20.00, Splines 20, No./ teeth 10


231456 Pinion

Replacing: m605x96971

Servicing: M008T50071, M008T50171, M008T70071, m8t50071, m8t50171, M8T50172, M8T70071

ID 13.45, OD 37.15, Height 17.75, Splines 20, No./ teeth 12

Pkg. 10


231779 Pinion

Replacing: me700856, m605x35071

Servicing: M002T78372, M002T78381, M002T78382, M002T78383, M2T78372, M2T78381, M2T78382, M2T78383, M2T78681, ME087590, n002t78681

ID 12.90, OD 40.65, Height 17.80, Splines 20, No./ teeth 11


232230 Pinion

Replacing: me701461, m605x95271

Servicing: M008T75071, M008T75073, M8T75071, M8T75073, ME201650, ME201650A, ME202970

ID 17.55, OD 32.45, Height 20.20, Splines 20, No./ teeth 10


232390 Pinion

Replacing: m605x65771

Servicing: M002T60071, M002T60072, M002T60073, M2T60071, M2T60072, M2T60073

ID 12.90, OD 37.00, Height 17.70, Splines 20, No./ teeth 12


232391 Pinion

Replacing: me701441, m605x95071

Servicing: M008T55171, M008T60071, M3T56089, M8T55171, M8T60071, M8T60072, M8T60073, M8T60089, M8T60171, M8T60173, M8T60174

ID 13.45, OD 40.65, Height 17.85, Splines 20, No./ teeth 11


234808 Pinion

Replacing: m605x71971

Servicing: M009T60371, M009T60671, M009T60672, m9t60371, M9T60671, M9T60672

ID 24.60, OD 45.90, Height 32.20, Splines 27, No./ teeth 12


234906 Pinion

Replacing: m605c63301, m605c36101

Servicing: M002T64371, M002T64373, m2t64371, m2t64372, M2T64373

ID 19.85, OD 38.65, Height 18.15, Splines 20, No./ teeth 10

Planet Gears

138579 Planet Gear

Replacing: md611206, m357x86778, m357x86771

Servicing: M001T70281, M001T70281ZC, M001T70283, M001T70283ZC, M001T70481, M001T70481ZC, M001T70482, M001T70483, M001T70483ZC

w/o gear wheels: HC-CARGO 135341 (x3). Drive only: HC-CARGO 132011.


138584 Planet Gear

Replacing: m357x88177

Servicing: M001T60281, M001T60285, M1T60281, M1T60285, m1t60313

w/o gear wheels: HC-CARGO 135341 (x3). Drive only: HC-CARGO 137765.


235285 Planet Gear

Replacing: m357x90373

Servicing: M000T80081, M000T80581, M000T80781, M000T80783, M000T80784, M000T81181, M000T81281, M000T81283, M000T81284, M000T81482

 Shaft dia./ middle \varnothing 12, Total length 110.00, Splines 8, Rotation CR Pinion: HC-CARGO 132011.



235286 Planet Gear

Replacing: m357x90571
 Servicing: M000T80281, M000T80281A, M000T80281B, M000T80281ZC, M000T80285, M000T80285A, M000T81681, M000T83981, MOT80281
 Total length 133.50, Splines 8, No./ teeth 8, Rotation ACR
 Drive: HC-CARGO 136923.



235833 Gear w/ drive

Replacing: md618591, m357x89771
 Servicing: M000T70381, M000T71385, M000T71581, M000T71681, M000T71786, MOT70286, MOT70287, MOT70381, MOT70481, MOT70681, MOT70781
 Shaft dia./ middle 16.00, Total length 108.50, Splines 8, No./ teeth 8, Rotation CR

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237899 Planet Gear

Replacing: m357x90777
 Servicing: M002T87371, M002T87971, M002T88071, M002T88171, M002T88271, M2T87371, M2T87971, M2T88071, M2T88171, M2T88271, MD331137
 Total length 106.50, Splines 8

Gear Parts

Gear Shafts



139200 Gear Shaft

Replacing: md611207, m357x67971, m357c61671
 Servicing: M000T70281, M000T70285, M000T86681, M001T70281, M001T70281ZC, M001T70283, M001T70283ZC, M001T70481, M001T70481ZC
 OD/ shaft 9.92, Total length 105.20, No./ splines 8



230500 Gear Shaft

Replacing: m357x65471
 Servicing: M000T60081, M000T60081A, M000T60181, M000T60181A, M000T65381, MOT60081, MOT60081A, MOT60181, MOT60181A, MOT60581
 OD/ shaft 10.62, Total length 100.20, No./ splines 8



230998# Gear Shaft

Replacing: m357c62771
 Servicing: M001T60081, M001T60181, M001T60381, M001T60581, M001T61181, M1T60081, M1T60181, M1T60381, M1T60581, M1T61181
 OD/ shaft 10.62, Total length 100.20, No./ splines 8



231776 Gear Shaft

Replacing: m357x64471
 Servicing: M000T80281, M000T80281A, M000T80281B, M000T80281ZC, M000T80285, M000T80285A, M000T80881, M000T81381, M000T81681
 OD/ shaft 9.90, Total length 130.20, No./ splines 8



233595 Gear Shaft

Replacing: m357x68071, m357x64371
 Servicing: M000T80081, M000T80381, M000T80581, M000T80781, M000T80783, M000T80784, M000T81181, M000T81281, M000T81283, M000T81284
 OD/ shaft 9.90, Total length 104.90, No./ splines 8



235340 Gear Shaft

Replacing: m357x64771
 Servicing: M001T72483, M001T72483ZC, M001T79481, M001T79482, M002T80582, M002T84071, M002T84171, M002T84171ZT, M002T84571
 OD/ shaft 9.90, Total length 105.00, No./ splines 8



236695# Gear Shaft

Servicing: M000T84881, M000T84881ZC, M000T84882ZC, m0t84881, MOT84881ZC, MOT84882ZC
 OD/ shaft 9.91, Total length 105.60, No./ splines 8



237343 Gear Shaft
 OD/ shaft 11.96, Total length 130.20,
 No./ splines 10

Outer Gear



133403 Outer Gear
 Replacing: m135x01171, m135x00771,
 m135c00171, m135b00371
 Servicing: M001T60081, M001T60181,
 M001T60185, M001T60381, M001T60581,
 M001T61181, M001T68681, M001T70281,
 M001T70281ZC
 ID 49.15, OD 65.00, Height 30.20,
 No./ teeth 43



139199 Outer Gear
 Replacing: md618538, m135x00871
 Servicing: M000T70281, M000T70285,
 M000T70381, M000T71385, M000T71581,
 M000T71681, M000T71786, M000T71881,
 M000T86681, M0T70281
 ID 48.95, OD 64.00, Height 30.60,
 No./ teeth 43



139323 Outer Gear
 Replacing: m135x01571, m135x01471
 Servicing: M000T60081, M000T60081A,
 M000T60181, M000T60181A, M000T65381,
 M000T80081, M000T80281, M000T80281A,
 M000T80281B
 ID 46.90, OD 63.80, No./ teeth 42
 Bushing I.D. 17.50 mm.



139536 Outer Gear
 Replacing: md618961, m135x02871,
 m135x01071
 Servicing: 1810A062, 1810A143,
 M001T93071, M002T80582, M002T84071,
 M002T84171, M002T84571, M002T84771,
 M002T85271, M002T87071
 ID 50.25, OD 58.85, Height 30.79,
 No./ teeth 44



139821 Outer Gear
 Replacing: m135x01771
 Servicing: M008T77071, M008T77072, M008T77074,
 M008T77075, M008T80071, M008T80071A,
 M008T80071B, M008T80371, M008T80373
 ID 50.00, OD 62.00, No./ teeth 44
 Bushing I.D. 20.70 mm.



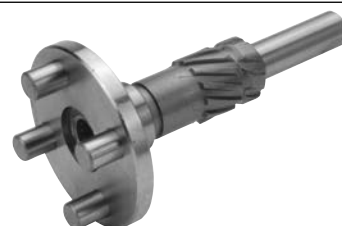
231575 Outer Gear
 Replacing: me701437, m135x01581
 Servicing: M008T55171, M008T60071,
 M008T60071A, M008T60371, M008T60372,
 M008T60373, M008T60871, M008T60872,
 M008T60873, M008T70071
 ID 50.65, OD 70.00, Height 30.35,
 No./ teeth 44



233638 Outer Gear
 Servicing: M000T80082, M001T80081,
 M001T80082, m0t80082, m1t80081, m1t80082
 ID 46.30, OD 55.80, Height 30.32,
 No./ teeth 42
 Bearing: HC-CARGO 140920.



235502# Outer Gear
 Replacing: me701486, m135x07711
 Servicing: M008T50071, M008T50171,
 M008T80071, M008T80071A, m8t50071,
 m8t50171, m8t80071, m8t80071a,
 m8t80171, m8t85071, m8t85071a
 OD 61.80/69.80, Height 30.90,
 No./ teeth 44
 w/ bushing. Needle bearing: HC-CARGO
 141065.



237842 Gear Shaft
 Servicing: M009T80472, M009T80473,
 M009T83671, M9T80472, M9T80473,
 M9T83671
 Total length 125.60, No./ splines 12

Gear Wheels

Pkg. 10



135341 Gear Wheel
 Replacing: me701459, md618962,
 m230x00671, m230x00471, m230d00171
 Servicing: 1810A062, 1810A143,
 M000T20871, M000T60081, M000T60081A,
 M000T60181, M000T60181A, M000T65381,
 M000T70281, M000T70285
 ID 8.00, OD 20.30, Height 11.30,
 No./ teeth 16



138565 Gear

Replacing: me700122, m231c00901

Servicing: M002T54271, M002T54371, M002T54372, M002T54471, M002T54571, M002T54572, M002T54671, M002T54771, M002T56171, M002T56181

ID 14.30, OD 45.20, Height 16.60, Splines 22, No./ teeth 32



230337 Gear

Replacing: m231c00401

Servicing: M002T50171, M002T50181, M002T50281, M002T50285, M002T50371, M002T50381, M002T50391, M002T50481, M002T50485, M002T50981

ID 12.15, OD 41.75, Height 16.00, Splines 18, No./ teeth 32

Gear Plates

Pkg. 10



235388# Gear Plate

Servicing: M002T88071, M002T88271, M002T88671, m2t88071, m2t88271, m2t88671

Rubbers



235201 Gasket

Servicing: M000T80082, M000T86081, M000T86181, M000T87881, M000T91581, M001T80081, M001T80082, M001T80181, M001T80381, m0t800082

ID 52.60, OD 64.85, Thickness 7.50, Type Starter, Material Rubber

Various



136895 Gasket

Replacing: md611213, m578c24601

Servicing: 1810A101, M001T60081, M001T60181, M001T60185, M001T60281, M001T60285, M001T60285A, M001T60381, M001T60581, M001T61181

ID 53.00, OD 67.00, Thickness 8.00

Pkg. 10



139540 Gasket

Replacing: md618965, m578x27571

Servicing: 1810A053, 1810A062, 1810A143, M001T80681, M001T84381ZC, M001T85781, M001T93071, M002T84071, M002T84071ZT, M002T84171

ID 52.95, OD 63.85, Thickness 7.50, Material Rubber



231459 Dust Cap Kit

Replacing: me701445, m578x29171

Servicing: M002T87671, M002T88971, M008T50071, M008T55171, M008T60071, M008T60071A, M008T60371, M008T60372, M008T60373, M008T60871

Some use gasket: HC-CARGO136895.

Levers



132637# Lever Kit

Replacing: m863d03571

Servicing: M005T22175, M005T22176, M5T20172, M5T22175, M5T22176, M5T23272, M5T25373, M5T27672

Dist. 26.10, ID 5.60, Length 99.90



133463 Lever

Replacing: md607921, m864x09571

Servicing: M002T23081, M002T25772, M002T44781, M002T57271, M003T10476D, M003T21281D, M003T21381, M003T21781, M003T21882D

Dist. 22.60, Length 81.05



134047 Lever

Replacing: m864x08872, m864x08871

Servicing: M002T20181, M002T20181D, M002T30681, M002T30786, M002T30981, M002T37081, M002T37281, M002T41181, M002T41182, M002T42981

Dist. 22.20, Length 79.75



135468 Lever

Replacing: MD618546, md611223, m864x09774, m864x09772, m864x09771

Servicing: 1810A062, 1810A101, 1810A143, M000T60081, M000T60081A, M000T60181, M000T60181A, M000T65381, M000T70281, M000T70285

Dist. 36.30, Length 74.00



135571 Lever

Replacing: mm502405, m864x07071, m863d02271

Servicing: A3T22681, M002T10271, M002T10471, M003T10071, M003T10372, M003T10473, M003T10475, M003T10476, M003T10672, M003T11174

Dist. 22.55, Length 81.70


135573 Lever

Replacing: md607633, m863c06171, m863c05571

Servicing: M002T51085, M002T54771, M002T56171, M002T56181, M002T56182, M002T56185, M002T56271, M002T56272, M002T57271, M002T57273

Dist. 54.55, ID 5.00, Length 114.00


136416 Lever

Replacing: m863c06272, m863c06271, m863c04871

Servicing: M002T51082, M002T51083, M002T54271, M002T54272, M002T54371, M002T54372, M002T54471, M002T54571, M002T54572, M002T54671

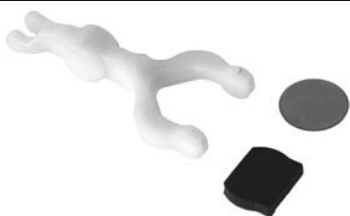
Dist. 55.20, ID 4.90, Length 90.45


137713 Lever

Replacing: m863c07271, m863c05271, m863c04671

Servicing: M002T50281, M002T50285, M002T50371, M002T50381, M002T50391, M002T50481, M002T50485, M002T51083, M002T51281, M002T51282

Dist. 44.40, ID 5.15, Length 81.00


139533 Lever Kit

Replacing: m864x09371

Servicing: M002T13081, M002T13281, M002T13581, M002T30381, M002T30385, M002T30481, M002T30581, M002T30585, M002T30586, M002T30881

Dist. 22.30, Length 77.25


139538 Lever Kit

Replacing: md618971, m864x11571

Servicing: 1810A053, M002T80582, M002T84071, M002T84071ZT, M002T84171, M002T84171ZT, M002T84571, M002T84771, M002T85271

Dist. 36.00, Length 76.40


139823 Lever Kit

Replacing: me701488, m863x09671, m863x08672

Servicing: M008T70471, M008T70471A, M008T80071, M008T80071A, M008T80071B, M008T80371, M008T80373, M2T80772, M8T70471, M8T70471A

Dist. 38.20, ID 4.95, Length 85.45

Lever only: HC-CARGO 232969.


139868 Lever

Replacing: m863c04971

Servicing: M002T10471, M003T10372, M003T10473, M003T10475, M003T10476, M003T15772, M003T19371, M003T19771, M003T19871, M003T20781

Dist. 22.75, ID 5.00, Length 82.00


139981 Lever

Replacing: m863c06971

Servicing: M002T92071, M002T92071A, M2T92071, M2T92071A, M2T92271, M2T92271A, M2T95071

Dist. 56.30, ID 5.10, Length 114.55


231265 Lever Kit

Replacing: m864x12371

Servicing: 1810A050, M008T70071, M008T75071, M008T75071A, M008T75073, M008T75073A, M008T75074, M008T80071A, M8T70071, M8T75071

Dist. 36.30, Length 76.00


231782 Lever Kit

Replacing: me700234, m863c05672

Servicing: M002T69081, M002T69171, M002T78072, M002T78072B, M002T78172, M002T78172A, M002T78372, M002T78381, M002T78382

Dist. 55.25, ID 5.40, Length 99.30


232969 Lever

Servicing: M008T50071, M008T50072, M008T70371, M008T70471, M008T70471A, M008T71571, M008T75171, m8t50071, M8T50072, M8T70371

Lever kit: HC-CARGO 139823.


233377 Lever

Replacing: m864x12271, m863x09272

Servicing: M008T55171, M008T60071, M008T60071A, M008T60371, M008T60372, M008T60373, M008T60871, M008T60872, M008T60873, M008T61671

Dist. 37.70, ID 5.65, Length 84.60



234677 Lever

Replacing: m863x08471
 Servicing: M002T25481, M2T25481
 Dist. 47.60, ID 5.00, Length 107.55

Lever Parts

Various

Pkg. 10



233378 Lever Support

Servicing: M001T50471, M002T10171, M002T10471, M002T20181, M002T20181A, M002T25481, M002T50381, M002T50391, M002T50481, M002T50485
 Dist. 15.00, ID 6.75, Length 18.00

Clutches



132017 Clutch

Replacing: m357t76871, m357t71871, m357t71687
 Servicing: M002T50581, M002T53881, M002T53882, M002T53883, M002T64271, M003T52071, M2T50581, M2T50585, M2T53881, M2T53882
 Total length 122.00, Splines 18, Rotation ACR



132386 Clutch

Replacing: mm502531, md607540, m357t78071, m357t70971, m357t70771, m357t70171
 Servicing: M001T50471, M002T50171, M002T50181, M002T50281, M002T50285, M002T50381, M002T50481, M002T50485, M002T50981, M002T52081
 Total length 123.00, Splines 18



132387 Clutch

Replacing: mm502404, m357t70571
 Servicing: M002T52071, M002T58381, M002T58481, M002T58781, M2T52071, M2T58081, M2T58285, M2T58381, M2T58481, M2T58781, MD171502
 Total length 123.00, Splines 18



132489 Clutch

Replacing: md607791, m357t75571
 Servicing: M002T56181, M002T56182, M002T56185, M002T57271, M002T57273, M002T57771, M002T57773, M002T62971, M002T63171, M002T74171
 ID 66.50, Total length 118.80, Splines 20



133439 Clutch

Replacing: md607938, m357t76371, m357t75971, m357t75471
 Servicing: M001T50071, M001T50171, M001T50172, M002T50391, M002T51181, M002T51281, M002T51282, M002T52281, M002T54091, M002T61871
 Total length 123.00, Splines 18



133448 Clutch

Replacing: md607642, m357t73171
 Servicing: M002T56171, M002T56271, M002T56272, M002T60171, M002T60172, M002T60185, M002T61071, M002T61072, M002T61171, M002T61271
 OD/ housing 118.00, Shaft length 131.00, No./ teeth 20



133449 Clutch

Replacing: m357x85273, m357x83673, m357t72672, m357t72671
 Servicing: M002T56471, M002T56472, M002T56475, M002T57881, M002T60271, M002T61371, M002T61771, M002T62271, M002T65271, M002T65272
 Total length 144.00, Splines 20



134966 Clutch

Replacing: me700121, m357t84181, m357t76171, m357t73181, m357t72971, m357t71671, m357t61671
 Servicing: M002T54271, M002T54272, M002T54371, M002T54372, M002T54571, M002T54572, M002T54871, M002T54881, M002T54882, M002T56071
 ID 66.00, Total length 116.00/134.00, Splines 20



139409[#] Clutch

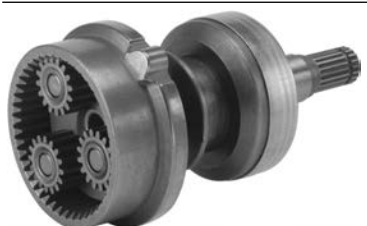
Replacing: m357t72771
 Servicing: M002T51083, M002T51085, M002T51805, M002T54771, M002T57371, M2T51083, M2T51085, M2T51805, M2T54771, M2T57371
 Total length 110.00, Splines 22


231371 Clutch

Replacing: me701651, me701648, me701487, m191x68671, m191x68271, m191x67885, m191x67871, m191x67771

Servicing: M008T50071, M008T50171, M008T50471, M008T55073, M008T55171, M008T60071, M008T60371, M008T60372, M008T60373, M008T60871

ID 59.50, Total length 110.00, Splines 20, Rotation CR


232054 Clutch

Replacing: me701640, me701456, m357x91973, m357x91971, m357x91171

Servicing: M008T70071, M008T70471, M008T75071, M008T75073, M008T80471, M008T80472, M8T70071, m8t70471, m8t70472, M8T75071

Shaft dia./ middle 18.65, Total length 127.00, Splines 20, No./ teeth 44, Rotation CR w/ gear wheel.


232229 Clutch

Replacing: m191x69871, m191x68785, m191x68171, m191t68771

Servicing: M008T70071, M008T70471, M008T75071, M008T75073, M008T80471, M008T80472, M8T70071, M8T70471, M8T70472, M8T75071

Total length 91.50, Splines 5


233178 Clutch

Servicing: M001T64285, M1T64285

Total length 93.00, Splines 30, Rotation ACR

Pinion: HC-CARGO 233177.


233845 Clutch

Replacing: me700042, m357x73571

Servicing: M003T56071, M003T56072, M003T56074, M3T56071, M3T56072, M3T56074, ME037636

ID 65.95, Total length 158.00, Splines 20


233846 Clutch

Replacing: m357t78271

Servicing: M002T63371, m2t63371, M2T83371

Total length 141.00, Splines 20


234774 Clutch

Replacing: m191x93771, m191x69771

Servicing: M009T60371, M009T60671, m9t60371, M9T60671

ID 60.00, Total length 135.00, Splines 26


234810 Clutch

Replacing: m191x69671

Servicing: M008T71371, M008T71371ZE, M008T71471, M008T71471ZE, M008T75371, M8T71371, M8T71371ZE, M8T71471, M8T71471ZE, M8T75271

ID 10.80, OD 45.90, OD/ housing 45.90, Total length 92.30, Splines A 30, No./ teeth 8, Rotation ACR


236080 Clutch

Replacing: m357t72271

Servicing: M002T54471, M002T57671, M002T57671A, M002T57673, M002T57673A, M002T57673C, M002T78072, M002T78072B, M003T56272

ID 60.00, Splines 10, Rotation ACR


237834 Clutch

Replacing: M191X90271

Servicing: M009T80472, M009T80473, M009T82071, M009T82479, M009T83671, M9T80472, M9T80473, M9T82071, m9t82479, M9T83671

ID 70.25, Total length 140.00, Splines 26

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330366 Clutch

Replacing: M191X95971

Servicing: M008T76071, M008T76072, M8T76071, M8T76072

ID 47.00, Total length 91.33, Rotation CR

Brush Gears



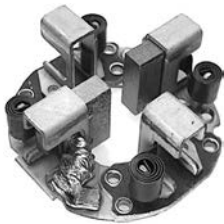
132475 Brush Gear

Replacing: m649t05071

Servicing: M002T54271, M002T54272, M002T54371, M002T54372, M002T54471, M002T54571, M002T54572, M002T54671, M002T54771, M002T54871

12 V, OD 70.35

Brush set: HC-CARGO 140387.



133338 Brush Gear

Replacing: m649t02171

Servicing: M002T60071, M002T60072, M002T60073, M002T60171, M002T60172, M002T60185, M002T92071, M002T92171, M002T92172, M008T55073

OD 71.50

Neg. brushes Brush set: HC-CARGO 140388.



133339 Brush Gear

Replacing: me700939, me700047, m649t07371, m649t04972, m649t04971, m371x07371

Servicing: M003T56071, M003T56072, M003T56082, M003T56174, M003T56181, M003T56182, M003T56183, M003T56272, M003T66071, M003T66072

12 V, OD 75.75

Brush set: HC-CARGO 140388. Brush spring: HC-CARGO 135201.



133340 Brush Gear

Replacing: m649x03573, m649x02572, m649t03571

Servicing: M002T10471, M003T10071, M003T10172, M003T10271, M003T10272, M003T10372, M003T10473, M003T10475, M003T10476, M003T10672

12 V, OD 80.35

Neg. brushes. Brush set: HC-CARGO 140347.



133341 Brush Gear

Replacing: md611918, md611731, m649x01271, m649t09471, m649t09371, m649t06871, m649t01273, m649t01272

Servicing: M000T81181, M000T82081, M001T60081, M001T60181, M001T60185, M001T60281, M001T60381, M001T60581, M001T61181, M001T64285

12 V, OD 67.35

Pos. brush: HC-CARGO 140967.



133342 Brush Gear

Replacing: m649t06971, m649t01671

Servicing: 1810A062, 1810A101, 1810A143, M001T30071, M001T30072, M001T30171, M001T30172, M001T66081, M001T71881A, M001T74081

12 V, OD 67.00



133808 Brush Gear

Replacing: md604645

12 V, OD 68.80

Brush springs: HC-CARGO 133810. Brush set: HC-CARGO 140602.



133886 Brush Gear

Replacing: m649x20171, m649x04473, m649t04471, m649t04071, m649t02471, m649t01471

Servicing: M002T23181, M002T23685, M002T24181, M002T25581, M002T25681, M002T25681G, M002T50171, M002T50181, M002T50281, M002T50285

OD 66.90



135365 Brush Gear

Replacing: m649x01771

Servicing: M001T90081, M001T90081A, M1T90081, M1T90081A

12 V, OD 67.20

Neg. brushes. Brush set: HC-CARGO 140743.



135467 Brush Gear

Replacing: md618513, md607926, md607555, m649x01371, m649t04871, m649t02272, m649t02271, m649t01371

Servicing: A3T22681, M002T13081, M002T13281, M002T13581, M002T20181, M002T20181D, M002T23081, M002T25772, M002T30381, M002T30385

12 V, OD 74.00

Neg. brushes. Brush set: HC-CARGO 140349.



137929 Brush Gear

Replacing: m321x07071, m321x05171, m321x04771, m321x04471

Servicing: M000T60081, M000T60081A, M000T60181, M000T80081, M000T80281, M000T80281A, M000T80281ZC, M000T80285, M000T80285A

12 V, OD 62.85

Brush set: HC-CARGO 140921.

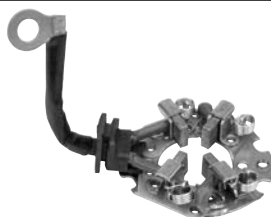

138963 Brush Gear

Replacing: me701467, m649x20471, M649T20471

Servicing: 1810A050, 1810A053, M002T84071, M002T84071ZT, M002T84171, M002T84171ZT, M002T84571, M002T84771, M002T85271, M002T85671

12 V, OD 71.40

Neg. brushes. Brush set: HC-CARGO 140973 (x2).

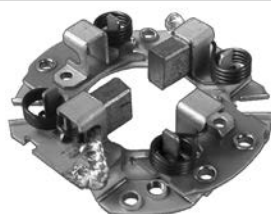

139238 Brush Gear

Replacing: md618593, m649x10171

Servicing: M000T70281, M000T70285, M000T70381, M000T71385, M000T71581, M000T71681, M000T71881, M000T82081, M000T82081ZE

12 V, OD 67.67

Neg. brushes. Positive Brush: HC-CARGO 140967.


139560 Brush Gear

Replacing: m649x09571

Servicing: M002T25481, M2T25481

12 V, OD 67.00

Neg. brushes. Brush set: HC-CARGO 140347.


139822 Brush Gear

Replacing: me701495, m649x20771

Servicing: M008T80071, M008T80071A, M008T80071B, M008T80371, M008T80373, M008T80471, M008T80471A, M008T80472, M008T80472A

24 V, OD 70.00

Neg. brushes. Positive brush: HC-CARGO 141010.


231781 Brush Gear

Replacing: me700858, m649t02172

Servicing: M002T78372, M002T78381, M002T78382, M002T78383, M002T78481, M2T78071, M2T78271, M2T78372, M2T78381, M2T78382, M2T78383

24 V, OD 65.30

Pos. brush: HC-CARGO 141102 (x2).


231892 Brush Gear

Replacing: ME701448, me101448, m649x20671

Servicing: M008T50071, M008T50072, M008T60071, M008T60071A, M008T60371, M008T60372, M008T60373, M008T60871, m8t50071, M8T50072

24 V, OD 69.85

Neg. brushes Brush set: HC-CARGO 140388.


234811 Brush Gear

Replacing: m321x10276

Servicing: M000T70381, M000T81181, M001T70483, M001T73383, M001T84883, M001T84883ZC, M001T84884, MOT70381, MOT70481, MOT81181

12 V, OD 66.00


235214 Brush Gear

Replacing: m321x07076

Servicing: M000T80281B, M000T84585, M000T86181, M000T87081, M000T87881, M000T91581, MOT80281B, MOT82881, MOT84585, MOT86181

12 V, OD 65.38


235390 Brush Gear

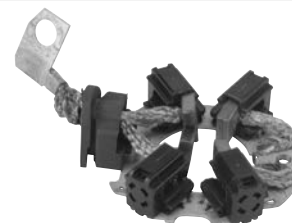
12 V


237851 Brush Gear

Servicing: 39MT, M009T80472, M009T80473, M009T83671, M9T80472, M9T80473, M9T83671

24 V, OD 83.08

Brush set: HC-CARGO 141067.


237859 Brush Gear

Replacing: M321X15071

Servicing: ACR, M000T20871, M000T20871ZE, M000T20872ZE, M000T21471, M000T30771, M000T32171, M000T32172, M000T35471, M000T36071

12 V, OD 67.50


330181 Brush Box

OD 65.54

Brush Gear Parts

Brush Springs

Pkg. 10



132638 Brush Spring

Replacing: m389d00401
 Servicing: M005T22175, M005T22176, M5T20172, M5T20176, M5T22175, M5T22176, M5T25373, M5T27672
 OD 10.20, Length 32.55

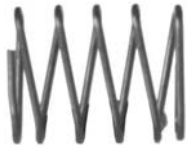
Pkg. 10



133810 Brush Spring

Replacing: md604644
 OD 6.20, Length 22.00

Pkg. 1000



134267 Dp Springs

Length 14.50

Pkg. 10



135201 Brush Spring

Replacing: md607462, m391c02201
 Servicing: M003T54071, M003T56071, M003T56072, M003T56074, M003T56082, M003T56084, M003T56174, M003T56181, M003T56182, M003T56183
 OD 14.20, Length 24.20

Pkg. 4



136946 Brush Spring

Replacing: md607901, m391c03301
 Servicing: M000T70281, M000T70285, M000T70381, M000T71385, M000T71581, M000T71681, M000T81181, M000T82081, M000T82081ZE
 OD 10.25, Length 16.20

Pkg. 4



136947 Brush Spring

Replacing: md607900, m391c03201
 Servicing: M000T70281, M000T70285, M000T70381, M000T71385, M000T71581, M000T71681, M000T81181, M000T82081, M000T82081ZE
 OD 10.45, Length 15.85

Pkg. 4



139826 Brush Spring

Replacing: me701468, m391x04371
 Servicing: 1810A050, 1810A053, M002T84071, M002T84071ZT, M002T84171, M002T84171ZT, M002T84571, M002T85271, M002T85671, M002T85672
 OD 13.00, Length 23.00

Pkg. 10



233867 Brush Spring Set

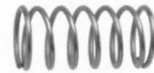
Replacing: md602210, m391c00101, m191c00101
 Servicing: M002T10171, M002T20181, M002T20181A, M002T20181D, M002T20281, M002T23685, M002T24081, M002T24181, M002T25083
 OD 12.00, Length 21.00



233868 Brush Spring Set

Replacing: me700128, m391c02801, m391c02501
 Servicing: M001T90081, M002T54371, M002T54372, M002T54471, M002T54571, M002T54572, M002T54671, M002T54771, M002T56171, M002T56181
 OD 11.50, Length 22.70

Pkg. 10



238126 Brush Spring

OD 7.95, Length 16.20

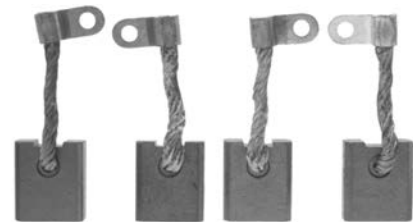
Pkg. 100



610523 Spring

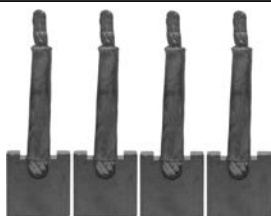
Replacing: B142058

Brush Sets

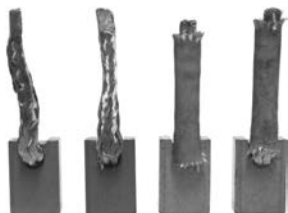


140345 Brush Set

Replacing: md602594, md602593, m648d10471
 12 V, Length 16.50, Lead length 33.50, Height 14.00, Thickness 6.00

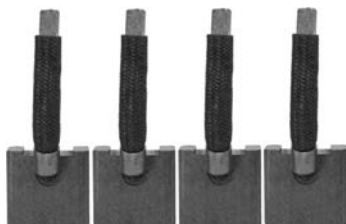

140346 Brush Set

Replacing: MM502019, m648c22371
 Servicing: M5T25373, M5T27672
 12 V, Length 19.00, Lead length 48.10,
 Height 19.00, Thickness 6.50


140347 Brush Set

Replacing: md607389, md602470,
 md602468, m648c13770, m648c10371
 Servicing: 1810A053, M001T50071,
 M002T10171, M002T10271, M002T10471,
 M002T20181, M002T20181A, M002T20182,
 M002T23181, M002T23685
 12 V, Length 17.00, Lead length 38.00,
 Height 12.00, Thickness 6.80

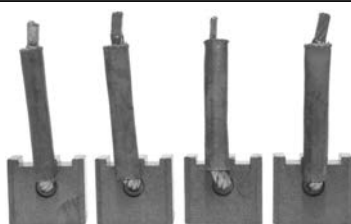
Pkg. 5


140348 Brush Set

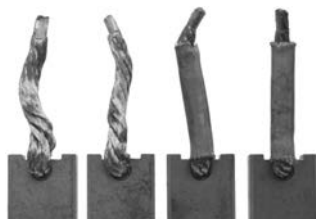
Replacing: m648c25273, m648c25271
 Servicing: A007T30271, A7T30271, M002T54272,
 M003T54071, M003T54072, M003T61071,
 M003T61171, M2T54272, M3T54071, M3T54072
 24 V, Length 18.00, Lead length 40.60,
 Height 20.00, Thickness 8.00


140349 Brush Set

Replacing: md607556, md607554,
 m648c16971, m648c16970, m648c15070,
 m648c14971, m648c14970, m648c14871
 Servicing: A3T22681, M002T13081,
 M002T13281, M002T13581, M002T20181,
 M002T20181D, M002T23081, M002T25772,
 M002T30381, M002T30385
 12 V, Length 17.00, Lead length 37.00,
 Height 10.00, Thickness 7.00


140385 Brush Set

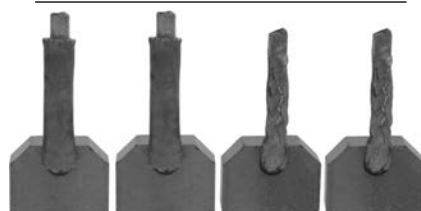
12 V, Length 14.00, Lead length 36.00,
 Height 17.00, Thickness 6.80


140386 Brush Set

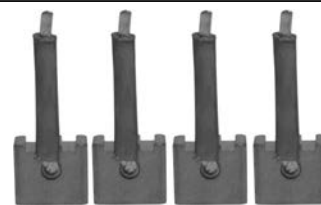
Replacing: MM502135, m648d20771, m648c24472,
 m648c24471/472, m648c24471, m648c20371
 Servicing: M005T22175, M005T22176,
 M5T20172, M5T22175, M5T22176, M5T23272
 12 V, Length 19.00, Lead length 45.50,
 Height 19.00, Thickness 6.50


140387 Brush Set

Replacing: md618460, m648x28671,
 m648x28271, m648c28671, m648c15472,
 m648c15372/472, m648c15372
 Servicing: M002T54371, M002T54372,
 M002T54571, M002T54572, M002T54771,
 M002T54871, M002T54881, M002T54882,
 M002T56171, M002T56181
 12 V, Length 18.00, Lead length 34.50,
 Height 18.00, Thickness 6.80

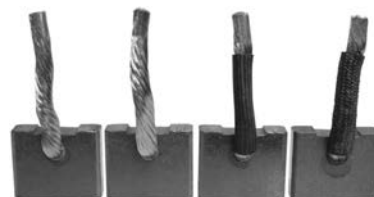

140388 Brush Set

Replacing: m648x40871, m648x40811,
 m648c28571, m648c28371,
 m648c25671/672, m648c25671
 Servicing: M002T60072, M002T60171,
 M002T60172, M002T60185, M002T92071,
 M002T92171, M002T92172, M003T56183,
 M003T67771, M003T90072
 12 V, Length 17.00, Lead length 35.50,
 Lead length 2 42.30, Height 24.00,
 Thickness 8.00

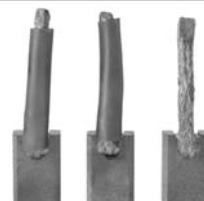

140391 Brush Set

Replacing: ME700200, m648c10671,
 M648C10171, e6457044m
 Servicing: ME-Y1R, ME-Y3R
 12 V, Length 14.00, Lead length 37.50,
 Height 17.00, Thickness 6.80

Pkg. 5


140395 Brush Set

Replacing: ME700210, m648c24974,
 m648c24973/974, m648c24971/972
 Servicing: M004T50073, M004T55077,
 M4T50073, M4T50171, M4T55077
 12 V, Length 20.00, Lead length 42.50,
 Height 25.00, Thickness 8.00


140556 Brush Set

Replacing: m648c12370, m648c12170
 Servicing: M002T10171, M002T20181A,
 M002T20281, M002T23685, M003T10475,
 M003T10476, M003T10672, M003T11174,
 M003T11272, M003T12572
 12 V, Length 17.50, Lead length 38.00,
 Height 11.73, Thickness 6.46


140559 Brush Set

Replacing: md611216, m647c00573,
 m647c00571, m647c00272, m647c00271
 Servicing: M000T70281, M000T70285,
 M000T81181, M000T82081, M000T84381,
 M001T60081, M001T60181, M001T60185,
 M001T60281, M001T60381
 12 V, Length 17.50, Lead length 80.00,
 Lead length 2 31.00, Height 12.00,
 Thickness 4.50
 w/o terminals: HC-CARGO 141037.



140560 Brush Set

Replacing: m647c01771, m647c00671, m647c00371

Servicing: 1810A062, 1810A101, 1810A143, M001T30071, M001T30072, M001T30171, M001T30172, M001T66081, M001T71881A, M001T74081

12 V, Length 18.00, Lead length 90.50, Height 17.50, Thickness 4.50

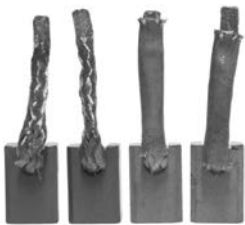


140561 Brush Set

Replacing: MD618619, m647x02971

Servicing: M000T71581, M000T71681, M001T60081, M001T71381, M001T72581, M001T72583, M001T72583G, M001T73281, M001T73283, M001T78981

12 V, Length 17.50, Lead length 58.50, Height 12.00, Thickness 4.50

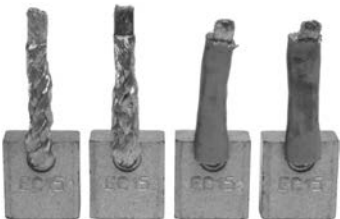


140591 Brush Set

Replacing: md618447, md607420, m648x30971, m648x28771

Servicing: M002T24181, M002T25581, M002T25681, M002T50391, M002T54091, M002T58581, M002T58681, M002T58781, M002T58881, M002T61871A

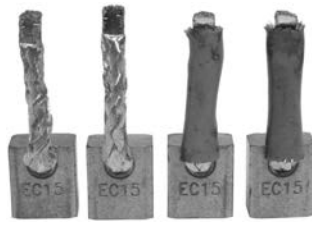
12 V, Length 17.50, Lead length 37.00, Height 12.00, Thickness 6.50



140708 Brush Set

Servicing: M001T50172, M001T50471, m1t50172, M1T50471

12 V, Length 16.00, Lead length 30.50, Height 14.30, Thickness 6.70



140709 Brush Set

Servicing: M001T50171, M002T52871, M002TS0575, m1t50171, M2T52871, M2TS0575

12 V, Length 14.00, Lead length 29.30, Height 12.00, Thickness 7.00



140743 Brush Set

Replacing: m647x01871

Servicing: M001T90081, M1T90081

12 V, Length 17.50, Lead length 92.00, Lead length 2 24.00, Height 18.00, Thickness 4.50

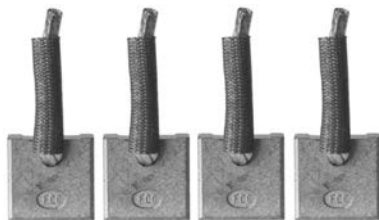


140921 Brush Set

Replacing: m647x04571, m647x03971

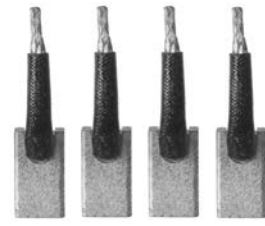
Servicing: M000T60081, M000T60081A, M000T80081, M000T80281, M000T80281ZC, M000T80285, M000T80285A, M000T80381, M000T80581

12 V, Length 12.50, Lead length 60.00, Lead length 2 26.00, Height 12.00, Thickness 4.50



140930 Brush Set

12 V, Length 17.00, Lead length 31.50, Height 18.00, Thickness 4.50



140931 Brush Set

Replacing: m648d20671, m647c00171

Servicing: M002T40081, M2T40081, MD066761

12 V, Length 17.50, Lead length 30.50, Height 10.00, Thickness 4.50



140966 Brush Set

Replacing: m647x06571, m647x05971, m647x05871, m647x03471

Servicing: M000T45271, M000T45271ZT, M000T60081, M000T60081A, M000T60181, M000T60181A, M000T80081, M000T80281A, M000T80281B

12 V, Length 12.00, Lead length 46.00, Height 12.00, Thickness 4.50



140967 Brush

Replacing: md618659, MD618540, m647x02671, m647x02071

Servicing: M000T70281, M000T70285, M000T70381, M000T86181, M001T72483, M001T72483ZC, M001T76481, M001T79481, M001T79482

12 V, Length 16.50, Lead length 73.00, Lead length 2 29.00, Height 12.00, Thickness 4.50

Pkg. 20


140973 Brush

Replacing: me701466, m648x40771
 Servicing: 1810A050, M002T84071, M002T87271, M002T84071ZT, M002T84171, M002T84171ZT, M002T84571, M002T85271, M002T85871
 12 V, Length 17.50, Lead length 35.00, Height 12.00, Thickness 6.50

Pkg. 5

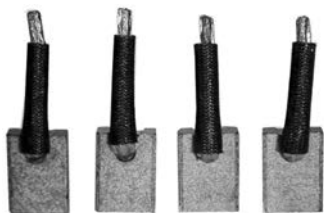

140983 Brush

Replacing: m647c00871
 Servicing: M000T82081, M000T82081ZE, M000T85381, M001T60281, M001T71381, M001T71382, M001T71382ZC, M001T72581, M001T72583
 12 V, Length 17.50, Lead length 51.00, Lead length 2 28.00, Height 12.00, Thickness 4.50

Pkg. 20


141010 Brush

Replacing: me701494, m648x40972
 Servicing: M002T84171, M002T84171ZT, M002T84571, M008T80071, M008T80071A, M008T80071B, M008T80371, M008T80373, M008T80471
 24 V, Length 17.00, Lead length 35.50, Height 12.00, Thickness 6.50

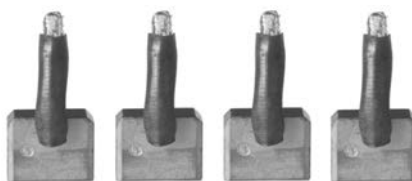

141037 Brush Set

Servicing: M000T82081, M000T82081ZE, M000T85381, M000T86181, M001T60181, M001T60185, M001T60581, M001T61181, M001T64285
 12 V, Length 16.50, Lead length 30.00, Height 12.00, Thickness 4.50
 w/ terminals: HC-CARGO 140559.

Pkg. 10


141102 Brush

Replacing: ME701189, m648x28471
 Servicing: M002T78372, M002T78381, M002T78382, M002T78383, M2T78372, M2T78381, M2T78382, M2T78383, M2T78482, M2T78571, ME013390
 24 V, Length 18.00, Lead length 41.50, Height 24.00, Thickness 7.80


141189 Brush Set

Replacing: me700304, ME700299, M648C26771
 Servicing: M4T66074, M4T66173
 12 V, Length 18.00, Lead length 39.00, Height 24.00, Thickness 8.00


141224 Brush Set

Servicing: M000T85381, m0t85381
 12 V, Length 15.15, Thickness 4.42, Lead length 61.00/93.00, Lead length 2 30.00, Height 11.85


141245 Brush Set

Servicing: M000T60081A, M000T60082, M000T81181, M000T85881, M001T84883, M001T84883ZC, M001T84884, m0t60081a, m0t60082, m0t60186
 12 V, Length 12.00, Lead length 80.00, Lead length 2 25.00, Height 12.00, Thickness 4.50

141253 Brush Set

Replacing: m647x05571, m647x04271, 647X04271
 Servicing: M000T80881, M000T88081, M001T74581, M001T74583, M001T74583ZC, M001T75281, M001T75283, M001T76481, M001T90081A
 12 V, Length 12.00, Lead length 114.00, Lead length 2 32.30, Height 12.00, Thickness 4.50


141259 Brush Set

Servicing: M000T85981, M000T86081, M001T85781, m0t85981, m0t86081, m1t85781, MD362207
 12 V, Length 12.50, Lead length 34.00, Lead length 2 57.00, Height 12.00, Thickness 4.50


141273 Brush Set

Replacing: m648c26371
 Servicing: M002T56071, M002T60071, M002T65271, M002T65272, M002T66873, M002T67884, M002T80582, M2T56071, M2T60071, M2T65271
 24 V, Length 18.15, Lead length 26.50, Height 17.80, Thickness 6.65


142006 Brush Set

Servicing: M008T61671, M009T60371, M009T60471, M009T60671, M009T60672, M009T61171, M009T61571, M009T61671, M009T80472, M009T80473
 24 V, Length 18.00, Lead length 41.50, Height 30.00, Thickness 8.00



142056 Brush Set

Replacing: M000T36071, M000T45071ZT, M000T84585, M000T86181, M000T87081, M000T87881, M000T91581, M0T36071, M0T45071ZT, M0T84585

12 V, Length 12.00, Height 12.00, Thickness 4.50



330182 Brush Set

Replacing: M000T20871, M000T20871ZE, M000T20872ZE, M000T21471, M000T22472, M000T32171, M000T32172, M000T32271ZE, M000T35471

12 V, Length 12.20, Lead length 35.00, Height 11.84, Thickness 4.30

Brushes

Pkg. 100



B142056 Brush

Replacing: B142056

12 V, Length 12.00, Height 12.00, Thickness 4.50

Bushings

Pkg. 10



140319 Bushing

Replacing: M409D30201

Replacing: M000T81981, M000T84585, M000T84781, M000T86081, M000T86181, M000T87881, M000T91581, M001T30071, M001T30072, M001T30171

ID 10.00, OD 14.00, Length 12.00
Alternative no.: B140319



Pkg. 10

140320 Bushing

Replacing: md602687, md602686, m410d12171, m410d12071, m410d11271

Replacing: A3T22681, M001T50171, M001T50172, M002T10171, M002T20281, M002T50371, M002T50381, M002T50391, M002T50481, M002T50485

ID 11.06, OD 13.03, Length 13.00
Alternative no.: B140320

Pkg. 10



140321 Bushing

Replacing: md602213, m410d30171, m410d00271, m409d32201

Replacing: A3T22681, M002T10171, M002T10271, M002T10471, M002T20181, M002T20181A, M002T20182, M002T20281, M002T23181, M002T23685

ID 14.27, OD 17.26, Length 12.45
Alternative no.: B140321

Pkg. 10



140322 Bushing

Replacing: mm502137, m410d11671

Replacing: M005T22175, M005T22176, M5T20172, M5T22175, M5T22176, M5T23272, M5T25373, M5T27672

ID 12.23, OD 14.36, Length 15.70
Alternative no.: B140322

Pkg. 10



140323 Bushing

Replacing: m410d12671

ID 14.20, OD 16.20, Length 15.70
Alternative no.: B140323



Pkg. 10

140326 Bushing

Replacing: md604062

Replacing: MEA07-0, MQJ1R, MQJ2R, PW501783
ID 12.54, OD 14.72, Length 14.00
Alternative no.: B140326

Pkg. 10



140328 Bushing

Replacing: md604066

ID 12.54, OD 16.55, Length 10.50
Alternative no.: B140328

Pkg. 10



140428 Bushing

Replacing: md607741, m409c13070, m409c12670

Replacing: A3T22681, M002T10171, M002T20181, M002T20181A, M002T20182, M002T20281, M002T23181, M002T23685, M003T10473, M003T10475

ID 11.02, OD 14.00, Length 13.00
Alternative no.: B140428

Pkg. 10



140429 Bushing

Replacing: md607903, m649c32370, m409c32370

Replacing: M002T13081, M002T13281, M002T13581, M002T20181, M002T20181D, M002T23081, M002T25772, M002T30381, M002T30385, M002T30481

ID 12.02, OD 16.00, Length 9.50
Alternative no.: B140429

Pkg. 10


140430 Bushing

Replacing: md611042, m409c12870

Servicing: M000T20871, M000T21471, M000T22471, M000T22472, M000T30771, M000T32171, M000T32172, M000T32271ZE, M000T35471

ID 10.10, OD 14.04, Length 9.60

Pkg. 10


140466 Bushing

Servicing: M002T10171, M002T10271, M002T10471, M002T20181, M002T20181A, M002T20182, M003T10071, M003T10271, M003T10272, M003T10372

ID 11.00, OD 13.00, Length 17.55

Pkg. 10


140484 Bushing

Servicing: M003T61071, M3T61071

ID 18.80, OD 20.00, Length 11.00

Pkg. 10


140505 Bushing

Replacing: m409d01301

Servicing: M001T50071, M003T15772, M1T50071, M3T15772, MED03-1

ID 17.00, OD 20.00, Length 8.00

Pkg. 10


140555 Bushing

Replacing: md607892, m409c13270, m409c12970

Servicing: M000T70281, M000T70285, M000T70381, M000T71385, M000T71581, M000T71681, M000T71786, M000T71881, M000T80081, M000T80281

ID 10.03, OD 14.00, Length 12.50

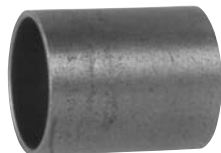
Alternative no.: B140555

Pkg. 10


140586 Bushing

ID 12.83, OD 14.90, Length 21.50

Pkg. 10


140629 Bushing

ID 12.90, OD 14.44, Length 17.79

Alternative no.: B140629

Pkg. 10


140694 Bushing

ID 12.53, OD 15.10, Length 9.80

Alternative no.: B140694

Pkg. 10


140729 Bushing

ID 12.03, OD 14.00, Length 20.85

Alternative no.: B140729

Pkg. 10


140730 Bushing

ID 12.05, OD 14.13, Length 15.90

Pkg. 10


140731 Bushing

Replacing: md618334, m409x32571, m409x32471, m409c32470, m409c32401

Servicing: 1810A062, 1810A101, 1810A143, M000T20472, M000T21471, M000T22471, M000T22472, M000T30471, M000T30771, M000T32171

ID 10.10, OD/ collar 15.95, OD 12.95,

Length 10.45, Height/ collar 1.95

Pkg. 10


140779 Bushing

ID 18.93, OD 22.09, Length 9.00

Alternative no.: B140779

Pkg. 10


140846 Bushing

Servicing: M001T70281, M001T70281ZC, M001T70283, M001T70283ZC, M001T80481, M001T85781, M001T90081, M001T90081A, M001T90281

ID 19.03, OD 22.05, Length 9.00
Alternative no.: B140846

Pkg. 10


140908 Bushing

Servicing: M002T51082, M002T51083, M002T54571, M002T54572, M002T54771, M002T56171, M002T56181, M002T56182, M002T56185, M002T56272

ID 14.20, OD 16.04, Length 10.60
Alternative no.: B140908

Pkg. 10


140915 Bushing

Servicing: M002T80582, M2T80582
ID 9.87, OD 14.03, Length 12.00

Pkg. 10


140964 Bushing

Servicing: M002T50171, M002T50371, M002T50381, M002T52071, M2T50171, M2T50371, M2T50381, M2T52071

ID 15.77, OD 17.02, Length 9.81
Used w/ bearing type 6003: HC-CARGO 140273.

Alternative no.: B140964

Pkg. 10


140970 Bushing

Servicing: M000T86081, M000T86181, M000T86581, M001T80081, M001T80082, M0T86081, M0T86181, M0T86581, m0t880082, m1t80081, m1t80082

ID 8.12, OD 12.12, Length 11.44
Alternative no.: B140970

Pkg. 10


140998 Bushing

ID 10.75, OD 12.35, Length 21.00

Pkg. 10


140999 Bushing

Servicing: M002T62271, M002T63171, M002T65271, M002T65272, M002T66871, M002T66873, M002T67871, M002T67872, M002T67873, M002T67881

ID 14.16, OD 18.10, Length 11.15

Pkg. 10


141025 Bushing

Servicing: M001T60081, M001T60185, M001T60381, M001T70283, M001T70283ZC, M001T70481, M001T70481ZC, M001T70482, M001T70483

ID 10.18, OD 14.06, Length 12.30

Pkg. 10


141027 Bushing

ID 10.81, OD 12.66, Length 21.00

Pkg. 10


141056 Bushing

ID 12.16, OD 13.84, Length 20.00

Pkg. 5


141131 Bushing

Servicing: M003T90071, M003T90072, m3t90071, m3t90072

ID 17.10, OD 22.20, Length 16.20


Pkg. 10


141145 Bushing

Servicing: 1810A062, 1810A143, M000T20871, M000T32271ZE, M000T35471, M000T36071, M000T80281A, M000T80281B, M000T80285, M000T80285A


ID 8.15, OD 11.50, Length 11.25

Pkg. 10




141146 Bushing
 Servicing: M001T77781, m1t77781
 ID 10.10, OD 14.00, Length 12.00

Pkg. 10




141148 Bushing
 ID 8.15, OD 10.90, Length 11.25

Pkg. 10




141149# Bushing
 Servicing: mea10-7
 ID 11.00, OD 13.00, Length 12.60

Pkg. 10



141150 Bushing
 ID 11.00, OD 13.00, Length 12.60

Pkg. 10



141151 Bushing
 ID 14.25, OD 17.25, Length 9.15

Pkg. 10



141220 Bushing
 Servicing: M001T50471, m1t50471
 ID 10.95, OD 13.06, Length 13.10

Pkg. 10



141243 Bushing
 Servicing: m191x68471
 ID 13.04, OD 15.05, Length 21.00

Pkg. 10



142022 Bushing
 Servicing: M000T45071ZT, M000T45271, M000T45271ZT, M000T45371ZT, MOT45071ZT, MOT45271, m0t45271zt, MOT45371ZT, MR994922
 ID 9.05, OD 13.00, Length 8.50

Pkg. 10

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142025 Bushing
 Servicing: m357t70171, m357t70571, m357t70771, m357t71687, m357t71871, m357t78071
 ID 10.00, OD 11.62, Length 14.15

Pkg. 10



142057 Bushing
 Servicing: M000T20871, M000T32271ZE, M000T35471, M000T36071, MOT20871, MOT32271ZE, MOT35471, MOT36071
 ID 17.60, OD 20.90, Length 7.40

Pkg. 10



332635 Bushing
 Servicing: 1810a053, M002T87071, M002T87071ZT, M002T87072ZT, m2t87071, M2T87071ZT, M2T87072ZT, md312858
 ID 10.10, OD 12.98, Length 12.00

Pkg. 100



B140319 Bushing
 Replacing: M409D30201
 ID 10.00, OD 14.00, Length 12.00
 Alternative no.: 140319

Pkg. 100



B140320 Bushing
 Replacing: md602687, md602686, m410d12171, m410d12071, m410d11271
 ID 11.06, OD 13.03, Length 13.00
 Alternative no.: 140320



Pkg. 100

B140321 Bushing

Replacing: md602213, m410d30171, m410d00271, m409d32201
ID 14.27, OD 17.26, Length 12.50
Alternative no.: 140321

Pkg. 100



B140322 Bushing

Replacing: mm502137, m410d11671
ID 12.23, OD 14.37, Length 15.65
Alternative no.: 140322

Pkg. 100



B140323 Bushing

Replacing: m410d12671
ID 14.20, OD 16.20, Length 15.70
Alternative no.: 140323

Pkg. 100



B140326 Bushing

Replacing: md604062
ID 12.55, OD 14.72, Length 14.00
Alternative no.: 140326



Pkg. 100

B140328 Bushing

Replacing: md604066
ID 12.54, OD 16.55, Length 10.50
Alternative no.: 140328

Pkg. 100



B140428 Bushing

Replacing: md607741, m409c13070, m409c12670
ID 11.02, OD 14.00, Length 13.00
Alternative no.: 140428

Pkg. 100



B140429 Bushing

Replacing: md607903, m649c32370, m409c32370
ID 12.02, OD 16.00, Length 9.50
Alternative no.: 140429

Pkg. 100



B140555 Bushing

Replacing: md607892, m409c13270, m409c12970
Servicing: M001T80181, M1T80181
ID 10.03, OD 14.00, Length 12.50
Alternative no.: 140555



Pkg. 100

B140629 Bushing

Replacing: 140629
ID 12.90, OD 14.44, Length 17.79
Alternative no.: 140629

Pkg. 100



B140694 Bushing

Replacing: 140694
ID 12.53, OD 15.10, Length 9.80
Alternative no.: 140694

Pkg. 100



B140729 Bushing

Replacing: 140729
ID 12.03, OD 14.00, Length 20.85
Alternative no.: 140729

Pkg. 100



B140779 Bushing

Replacing: 140779
ID 18.93, OD 22.09, Length 9.00
Alternative no.: 140779

Pkg. 100


B140846 Bushing

Replacing: 140846

 ID 19.03, OD 22.05, Length 9.00
 Alternative no.: 140846

Pkg. 100


B140908 Bushing

Replacing: 140908

 ID 14.20, OD 16.04, Length 10.60
 Alternative no.: 140908

Pkg. 100


B140970 Bushing

Replacing: 140970

 ID 8.12, OD 12.12, Length 11.44
 Alternative no.: 140970

Bearings
Ball Bearings

Pkg. 10


140222 Ball Bearing

Replacing: s930p62070, s930p14201, s930p12070

Servicing: M001T50071, M001T50171, M001T50172, M001T50471, M001T70281, M001T70281ZC, M001T70481, M001T70481ZC, M001T70482

ID 8.00, OD 22.00, Height 7.00

Pkg. 26


140224 Ball Bearing

ID 15.00, OD 28.00, Height 7.00

Pkg. 10


140271 Ball Bearing

Replacing: s930p14101

Servicing: M002T80582, M002T87971, M003T61071, M003T61171, M2T80582, M2T87971, M3T61071, M3T61171, MD344182, MM409411

ID 10.00, OD 26.00, Height 8.00

Pkg. 10


140412 Ball Bearing

Replacing: me700849, m410x12971

Servicing: M001T50171, M001T50172, M002T50391, M002T51082, M002T51083, M002T51085, M002T51181, M002T51281, M002T51282, M002T51805

ID 19.00, OD 37.00, Height 9.00, Bushing w/

Pkg. 16


140868 Ball Bearing

Servicing: M000T60081, M000T60081A, M001T60081, M001T60181, M001T60185, M001T60281, M001T60285, M001T60285A, M001T60381

ID 30.00, OD 47.00, Height 9.00

141009 Ball Bearing Kit

Replacing: me701484, m690x00572, m690x00571

Servicing: M008T55171, M008T70371, M008T71571, M008T75171, M008T77071, M008T77072, M008T77074, M008T77075, M008T80071, M008T80071A

 ID 20.00, OD 42.00, Height 12.00
 Oil seal: 20.00x38.20x2.40 mm.

141038 Ball Bearing Kit

Replacing: m410x14171

Servicing: M002T57871, M002T57881, M002T61771, M002T67881, M002T67882, M002T67883, M002T67884, M002T69081, M002T78372, M002T78381

ID 20.00, OD 42.00, Height 12.00, Bushing w/ w/ gasket.


141166 Ball Bearing

Replacing: 6906dw

Servicing: M000T60081, M000T60181, M001T60281, M001T60285, M001T60381, m0t60081, m0t60181, MOT60187, m1t60281, m1t60285, m1t60381

ID 30.00, OD 47.00, Height 9.00

Pkg. 10


142005 Ball Bearing

Replacing: 6805D2

Servicing: A003TA6581A, A003TA6581KD, A3TA6581A, A3TA6581KD, M009T60471, M009T60672, M009T61171, M009T61571, M9T60471, M9T60672

ID 25.00, OD 37.00, Height 7.00



142021 Ball Bearing

Servicing: 39MT, M009T80472, M009T80473, M009T83671, M9T80472, M9T80473, M9T83671
ID 28.00, **OD** 58.00, **Height** 16.00,
Bushing w/o, **Lock ring** w/,
Teflon ring w/
w/ 2 internal grooves.

Needle Bearings

Pkg. 5



140381 Needle Bearing

ID 22.00, **OD** 28.00, **Height** 12.00,
Rolls 25

Pkg. 10



140514 Needle Bearing

Replacing: s933p65270
Servicing: M002T92071, M002T92071A, M002T92171, M002T92172, M002T92172A, M2T92071, M2T92071A, M2T92171, M2T92172, M2T92172A
ID 12.00, **OD** 17.00, **Height** 12.00

Pkg. 10



140738 Needle Bearing

Replacing: s933p70669, s933p70605
Servicing: M001T74781, M001T74781A, M001T74785, M001T90081, M001T90081A, M002T24081, M002T24181, M002T25083, M002T25281
ID 10.00, **OD** 15.00, **Height** 15.00
Closed end. w/ rubber seal.

Pkg. 5



140876 Needle Bearing

Servicing: M002T61071, M002T61072, M002T61171, M002T62271, M002T63171, M002T66871, M002T66873, M002T67871, M002T67872, M002T67873
ID 14.00, **OD** 18.72, **Height** 12.00, **Rolls** 19

Pkg. 5



140920 Needle Bearing

Servicing: 1810A062, 1810A143, M000T86081, M000T86181, M000T87881, M001T80381, M001T93071, M002T80582, M002T84771, M002T85271
ID 17.46, **OD** 22.23, **Height** 9.40, **Rolls** 24

Pkg. 5



141065 Needle Bearing

Servicing: M008T50071, M008T50072, M008T70371, M008T71571, M008T75071, M008T75073, M008T75171, M008T80071, M008T80071A
ID 20.50, **OD** 27.00, **Height** 9.50,
Rolls 16

Pkg. 5



141090 Needle Bearing

Servicing: 1810A053, M002T80582, M002T84071, M002T84071ZT, M002T84171, M002T84171ZT, M002T84571, M002T85271, M002T87071
ID 10.00, **OD** 15.05, **Height** 11.60x15.40
Closed end.
Alternative no.: B141090

Sundry Parts

C.E. Covers



137427 Cover Kit

Replacing: md607940, m212x14471
Servicing: M002T51181, M002T51281, M002T51282, M002T53882, M002T53883, M002T54091, M002T54771, M2T51181, M2T51281, M2T51282



137545 Cover Kit

Replacing: me700125, m212x11771
Servicing: M002T51082, M002T51083, M002T54271, M002T54371, M002T54372, M002T54471, M002T54571, M002T54572, M002T54671, M002T56171



137546 Cover Kit

Replacing: me700973, m212x11573
Servicing: M002T57871, M002T57881, M002T61771, M002T62271, M002T66871, M002T66873, M002T67871, M002T67872, M002T67873, M002T67881

Pkg. 5



230549 Cap

Replacing: m234x54371
Servicing: M000T60081, M001T60281, M001T60285, M001T60381, M0T60081, m191x13471, m191x13571, m1t60281, m1t60285, m1t60381
OD 17.00, **Height** 8.15

Oil Seals

133020 Oil Seal

Replacing: s806p94103, s806p10901
 Servicing: M003T54071, M003T54072, M003T56174, M003T56181, M003T56182, M003T56183, M005T50176, M2T64471, M3T54071, M3T54072
 ID 16.55, OD 35.25, Height 6.90

Pkg. 10


135940 Oil Seal

Replacing: s806p94203
 Servicing: M002T56471, M002T56472, M002T56475, M002T60271, M002T61371, M002T65271, M002T65272, M003T54072, M003T64172, M2T56471
 ID 18.50, OD 42.15, Height 6.50

Pkg. 5


230759 Oil Seal

Servicing: 1810A050, M008T61671, M008T70371, M008T70471, M008T70471A, M008T71571, M008T75071A, M008T75073A, M008T75074, M008T75171
 ID 21.00, OD 38.00, Height 2.45

Pkg. 10


233591 Oil Seal

Servicing: M002T62271, M002T74371, m2t62271, M2T74371
 ID 18.75, OD 34.20, Height 4.90

Pkg. 10


236453 Oil Seal

Servicing: M009T60371, m9t60371
 ID 23.00, OD 42.00, Height 3.25

Pkg. 10


237101 Gasket

Servicing: M009T60471, M009T60671, M009T60672, M009T61171, M9T60471, M9T60671, M9T60672, M9T61171
 ID 24.30, OD 42.00, Height 2.90

O-rings

Pkg. 10


134484 O-ring

Replacing: m578d13501
 Servicing: M002T54271, M002T54371, M002T54372, M002T54471, M002T54572, M002T54671, M002T56471, M002T56472, M002T57671, M002T57671A
 ID 5.00, Thickness 2.00

Pkg. 10


134485 O-ring

Replacing: m816d00701
 Servicing: M002T54371, M002T54372, M002T54471, M002T54572, M002T54671, M002T56471, M002T56472, M002T57671, M002T57671A, M002T57673
 ID 4.00, Thickness 2.00

Pkg. 10


134486 O-ring

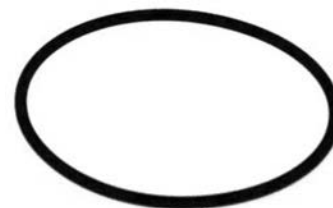
ID 8.00, Thickness 2.00

Pkg. 10


134487 O-ring

Servicing: M009T60371, M009T60471, M009T60671, M009T60672, M009T61171, M009T61571, M9T60371, M9T60471, M9T60671, M9T60672
 ID 10.00, Thickness 2.00

Pkg. 10

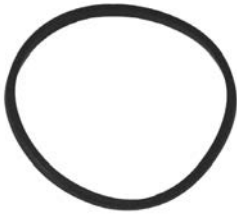

134489 O-ring

ID 43.00, Thickness 2.00

Pkg. 10


139205 O-ring

Replacing: md618547, m578x26871
 Servicing: M000T60081, M000T60081A, M000T60181, M000T60181A, M000T65381, M000T70281, M000T70285, M000T70381, M000T71385
 ID 52.50, Thickness 4.85, Material Rubber



Pkg. 10

231891 O-ring

Replacing: M002T54372, M002T54571, M002T54572, M002T54671, M002T56471, M002T56472, M002T57671A, M002T57673A, M002T57871

ID 46.50, Thickness 1.90

Thru Bolts

Pkg. 10



135982 Through Bolt

Replacing: m981s70202

Servicing: M000T71681, M003T30881, M003T33081, M003T38881, M003T38881A, M003T38881B, M003T38881C, M003T38882, M003T38882A

Total length 137.00,
Length/ rear collar 121.05,
Thread length 19.06, Thread size M5,
Thread size/ rear M5



136359 Through Bolt Kit

Replacing: md602738, m981x74671, m901x00371

Servicing: 1810A050, M002T54271, M002T54371, M002T54372, M002T54471, M002T54571, M002T54572, M002T54671, M002T56171, M002T56181

Total length 167.45,
Length/ rear collar 161.25,
Thread length 33.90, Thread size M6



Pkg. 10

191531 Through Bolt

Replacing: m901x01571

Servicing: M003T24481, M003T24482A, M003T25783, M3T24481, M3T24482A, M3T24485, M3T25783

Total length 89.40,
Length/ rear collar 85.10,
Thread length 25.30, Thread size M6



231122 Through Bolt

Replacing: m901x00171

Servicing: 1810A062, 1810A143, M001T93071, M001T93171ZC, M001T93371, M001T93571, M002T10471, M003T10372, M003T10473, M003T10475

Total length 138.35,
Length/ rear collar 132.30,
Thread length 35.85, Thread size M6



Pkg. 2

231345 Through Bolt Kit

Replacing: m981c74201

Servicing: 1810A101, M001T30071, M001T30072, M001T30171, M001T30172, M001T75283, M001T80081, M001T80082, M001T80181, M001T80381

Thread M5,
Total length 144.00, Thread length 33.00



231393 Through Bolt Kit

Replacing: m981x75371

Servicing: M002T60072, M002T60171, M002T60172, M002T92071, M2T60072, M2T60171, M2T60172, M2T92071, MD072654, MD095865

Thread M6,
Total length 183.50, Thread length 30.30



231394 Through Bolt

Replacing: m981c73901

Servicing: M001T74081, M001T74491, M001T75181, M001T75181A, M001T75681, M001T76281, M001T90081, M001T90081A, M002T24181

Total length 153.00,
Length/ rear collar 149.00,
Thread length 34.40, Thread size M5



231399 Through Bolt

Replacing: m981c74001

Servicing: M001T50172, M001T50471, M002T50171, M002T50181, M002T50281, M002T50285, M002T50371, M002T50381, M002T50391, M002T50481

Total length 78.00,
Length/ rear collar 73.20,
Thread length 36.80, Thread size M5

Pkg. 5


231505 Through Bolt Kit

Replacing: md618969, m981x72874
 Servicing: 1810A053, M002T84071, M002T84071ZT, M002T84171, M002T84171ZT, M002T84571, M002T84771, M002T85271, M002T85671
 Thread M6,
 Total length 155.00, Thread length 33.65


231683 Through Bolt Kit

Replacing: m981x73274
 Servicing: M000T36071, M000T45071ZT, M000T45171, M000T45271, M000T45271ZT, M000T45371ZT, M000T65381, M000T80081, M000T80281
 Thread M5,
 Total length 118.00, Thread length 17.60

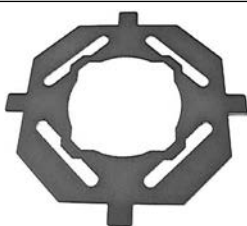
Various

132639 Stop Collar Kit

Replacing: m385x01273
 Servicing: M005T22175, M005T22176, M5T20172, M5T22175, M5T22176, M5T23272, M5T25373, M5T27672
 ID 14.20, OD 20.50, Height 6.80


133021 Stop Collar Kit

Replacing: m385x03771
 Servicing: 1810A050, M002T54271, M002T54371, M002T54372, M002T54471, M002T54571, M002T54572, M002T54671, M002T56071, M002T56171
 ID 15.00, OD 21.00, Height 6.00


133811 Brush Gear Plate

Replacing: md604646
 OD 65.20, Thickness 0.95, Gasket w/o


134851 Stop Collar Kit

Replacing: md611212, m385x04772
 Servicing: M000T30471, M000T30571, M000T36071, M000T70281, M000T70285, M000T70381, M000T71385, M000T71581, M000T71681, M000T71786
 ID 12.10, OD 17.40, Height 4.30

Pkg. 5


134948 Snap Ring

Replacing: m981d61301
 Servicing: M002T51082, M002T51083, M002T51085, M002T51805, M002T54771, M002T57371, m2t51082, M2T51083, M2T51085, M2T51805
 ID/ housing 15.20,
 OD/ housing 18.80, Thickness 1.00


134949 Stop Collar Kit

Replacing: md602720, m385x03371, m385x00272
 Servicing: A3T22681, M002T10171, M002T10471, M002T20181, M002T20181A, M002T20281, M002T80582, M003T10172, M003T10372, M003T10473
 ID 13.00, OD 17.50, Height 6.80


134950 Stop Collar Kit

Replacing: md607416, m385x03471
 Servicing: M001T50172, M001T50471, M002T10271, M002T50171, M002T50181, M002T50281, M002T50285, M002T50371, M002T50381, M002T50391
 ID 13.50, OD 19.00, Height 6.00


134951 Stop Collar Kit

Replacing: m385x04671
 Servicing: M002T84771, M002T88671, M003T27685, M003T27686, M2T84771, M2T88671, m3t27685, m3t27686
 ID 13.00, OD 17.50, Height 4.70


134952 Stop Collar Kit

Replacing: md607893, m385x04771, m385x04571
 Servicing: M001T79681, M001T79781, M002T13081, M002T13281, M002T13581, M002T20181, M002T20181D, M002T30381, M002T30385, M002T30481
 ID 12.00, OD 17.40, Height 4.50



135368 Stop Collar Kit

Replacing: m385x05071
 Servicing: 1810A062, 1810A101, 1810A143, M000T20472, M000T20871, M000T21471, M000T22471, M000T22472, M000T30771, M000T32171
 ID 12.00, OD 17.50, Height 5.00

Pkg. 10



135574 Steel Ball

Replacing: s409s00008
 Servicing: 1810A050, 1810A053, 1810A062, 1810A101, 1810A143, M000T60081, M000T60081A, M000T60181, M000T60181A, M000T65381
 OD 6.35, Material Steel



135979 Spring Kit

Replacing: md602963, m389x10871
 Servicing: M001T50172, M002T10171, M002T10271, M002T20181, M002T20181A, M002T20182, M002T20281, M002T23081, M002T25772, M002T50171
 OD 19.55, Length 14.50



137457 Spring Kit

Replacing: me700134, m389x12371, m389x11473
 Servicing: M002T54271, M002T54371, M002T54372, M002T54471, M002T54671, M002T56471, M002T56472, M002T56475, M002T57871, M002T57881



137758 Washer

Servicing: M002T67881, M002T67882, M002T67883, M002T67884, m2t67881, M2T67882, m2t67883, M2T67884, ME017036, ME017085, ME017089
 ID 13.25, OD 25.75, Thickness 0.50, Material Steel



137927# Spring Kit

Replacing: m389x10878
 Servicing: M001T50471, M002T23685, M002T24081, M002T24181, M002T25083, M002T25481, M002T25581, M002T25681, M003T26781, M1T50471
 OD 19.45, Length 14.70

Pkg. 10



138889 Stop Collar Kit

Replacing: m385x05371
 Servicing: M000T45071ZT, M000T45171, M000T45271, M000T45271ZT, M000T45371ZT, M000T60081, M000T60081A, M000T60181, M000T60181A
 ID 12.00, OD 15.00, Height 5.50



139203 Screw Set

Replacing: md607887, m414x00474
 Servicing: 1810A101, M000T20472, M000T20871, M000T22472, M000T30471, M000T30571, M000T30771, M000T36071, M000T45071ZT, M000T45171
 Thread M5, Thread M6, Thread length 22.00/7.50



139411 Spring Kit

Replacing: mm502330, m389x10877
 Servicing: A3T22681, M002T10471, M002T50391, M002T51181, M002T51281, M002T51282, M002T52281, M002T58381, M002T58481, M002T58581



139414 Spring Kit

Replacing: md619001, md607446, m389x11482, m389x11472
 Servicing: M002T56171, M002T56181, M002T56182, M002T56185, M002T56271, M002T56272, M002T57271, M002T57273, M002T57771, M002T57773
 Length 55.00



139416 Gasket Kit

Replacing: m578x61871, m378x61871
 Servicing: M002T61871, M002T61871A, M002T61871B, M002T62071A, M002T62571, M002T62671, M2T51681, M2T61871, m2t61871a, m2t61871b
 ID 73.00, Thickness 1.55



139539 Stop Collar Kit

Replacing: md618964, m385x05971
 Servicing: 1810A053, M002T84071, M002T84071ZT, M002T84171, M002T84171ZT, M002T84571, M002T85271, M002T87071, M002T87071ZT
 ID 13.10, OD 18.40, Height 5.00


230999 Screw Set

Replacing: m414x00472, m414x00171
Servicing: 1810A062, 1810A143, M000T21471, M000T22471, M000T32171, M000T32172, M000T32271ZE, M000T35471, M000T45371ZT, M000T60081
Thread M6, Thread M5, Thread length 7.50/22.00


231001 Washer Kit

Replacing: md607896, m900x02471
Servicing: M002T13081, M002T13281, M002T13581, M002T20181, M002T20181D, M002T30381, M002T30385, M002T30481, M002T30581, M002T30585


231120 Screw Set

Replacing: m414x00487, m414x00471
Servicing: A3T22681, M002T84071, M002T84171, M002T84571, M002T85271, M002T87071, M002T87171, M002T87271, M002T87371, M002T87471
Thread M5, Thread M6, Total length 26.50/15.50, Thread length 22.00/11.00, Slot type Phillips, Pozidriv


231388 Screw Set

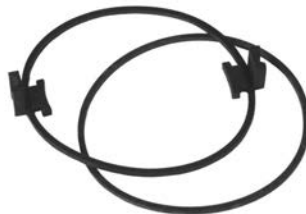
Replacing: me700131, m414x04872, m414x04871
Servicing: M002T54271, M002T54372, M002T54471, M002T54571, M002T54572, M002T54671, M002T56171, M002T56181, M002T56182, M002T56185
Thread M6/M6, Thread M5, Thread length 12.00/30.00/42.00


231581 Washer Kit

Replacing: me701436, m982x38871
Servicing: M008T55171, M008T60071, M008T60071A, M008T60371, M008T60372, M008T60373, M008T60871, M008T60872, M008T60873, M008T70071
ID 21.25, OD 36.60, Thickness 0.80, Material Steel


231684 Stop Collar Kit

Replacing: m385x04871
Servicing: M000T80281, M000T80281A, M000T80281B, M000T80281ZC, M000T80285, M000T80285A, M000T85981, M0T70881, M0T80281, M0T80281A
ID 12.10, OD 17.40, Height 6.50


232597 O-ring

Servicing: M003T90071, M003T90072, M3T90071, M3T90072


233059# Retaining Ring

OD/ housing 13.00, Thickness 2.30
Included in HC-CARGO 139610.

Pkg. 10

Pkg. 10

Pkg. 10

Pkg. 5


233060# Retaining Ring

OD/ housing 13.00, Thickness 1.75, Material Steel
Included in HC-CARGO 134949.

Pkg. 5

Pkg. 5


233164 Drain Tube

Servicing: 1810A053, 1810A062, 1810A143, M000T30771, M000T32271ZE, M000T45171, M000T71681, M000T80381, M000T81281, M000T81283
ID 7.70, OD 11.55, Length 9.90


233541 Connection

Servicing: M001T60281, M001T60285, M001T60285A, M001T70985, M001T71681, M1T60281, M1T60285, M1T60285A, M1T70985, m1t71581


234043 Mounting Bracket

Servicing: M003T32985, M003T32986, M003T32988, M003T32991, m3t32985, m3t32986, m3t32988, M3T32991



234972 Stop Collar Kit
ID 13.50, OD 17.50/19.00, Height 6.00



235002 Stop Collar Kit
ID 15.10, OD 19.40/20.80, Height 6.10



235003 Stop Collar Kit
Servicing: M008T61671, M8T61671
ID 15.10, OD 19.40/20.80, Height 5.90

Pkg. 10



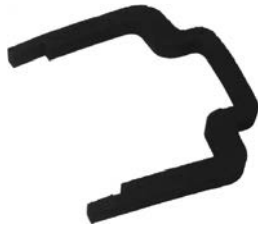
236094 Drain Tube
Servicing: 1810A101, M000T21471, M000T80082, M000T85381, M000T86081, M000T86181, M001T30071, M001T30072, M001T60285, M001T60285A

Pkg. 5



236445 Gasket
Servicing: M009T60371, M009T60471, M009T60671, M009T60672, M009T61171, m9t60371, M9T60471, M9T60671, M9T60672, M9T61171
OD 44.50, Thickness 3.50

Pkg. 10

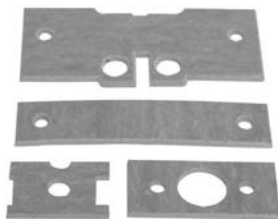


236778 Gasket
Servicing: M000T87681, M000T90981, MOT87681, m0t90981
Thickness 5.40



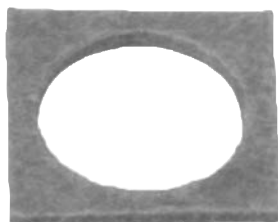
236782 B+ terminal
Servicing: M000T87681, M000T90981, MOT87681, m0t90981
Total length 46.00, Thread length 13.40, Thread size M8

Pkg. 10



238787# Fiber Plate Set

Pkg. 100



332612 Gasket
Servicing: M000T86181, m0t86181
ID 8.00, OD 10.50, Thickness 0.50, Type Starter, Material Fiber

D.E. Brackets



330720 D.E. Bracket

Replacing: M640X30271

Armatures

12 Volt



134971 Armature

Replacing: 7-23100-0330, 7-23100-0240, 7-23100-0201, 7-23100-0200, 7-23100-0160, 0-23100-0201, 0-23100-0200

Servicing: 0-23000-0081, 0-23000-0091, 0-23000-0120, 0-23000-0130, 0-23000-0172, 0-23000-0173, 0-23000-0210, 0-23000-0260

2.2 kW, Shaft length 174.30, Core thickness 48.40, No./ teeth 8, Rotation CR/ACR



135703 Armature

Replacing: 7-23100-0090

Servicing: 0-23000-1010, 0-23000-1020, 0-23000-1040, 0-23000-1300

2.2 kW, Shaft length 180.00, Core thickness 60.15, No./ teeth 8, Rotation CR/ACR

24 Volt



132534 Armature

Replacing: 1-81121-0070, 1-21100-1190

Servicing: 0-21000-3271, 0-21000-3480, 0-21000-3491, 0-21000-3520, 0-21000-3650, 0-21000-3651, 0-21000-3661, 0-21000-3690

3.7/5.2 kW, Shaft length 355.80, Core thickness 82.65, No./ splines 15, Rotation CR

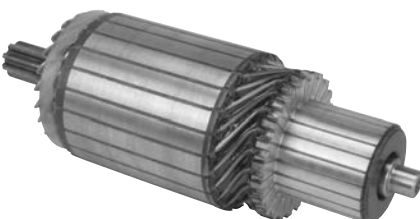


132536 Armature

Replacing: 7-23100-0290, 7-23100-0040, 1-23100-0120, 0-23100-0121

Servicing: 0-23000-6070, 0-23000-6071, 0-23000-6072, 0-23000-6091, 0-23000-6103, 0-23000-6140, 0-23000-6150, 0-23000-6160

7.5 kW, Shaft length 219.20, Core thickness 74.40, No./ teeth 9, Rotation CR/ACR



132537 Armature

Replacing: 7-23100-0070

Servicing: 0-23000-1030, 0-23000-1031, 0-23000-1033, 0-23000-1050, 0-23000-1060, 0-23000-1070, 0-23000-1071, 0-23000-1080

4.5 kW, Shaft length 180.50, Core thickness 59.95, No./ teeth 8, Rotation CR/ACR
 Bearing C.E.: HC-CARGO 140080. Bearing D.E.: HC-CARGO 140285.



132539 Armature

Replacing: 7-23100-0250, 7-23100-0171, 7-23100-0170, 7-23100-0140, 1-23100-0170, 0-23100-0171

Servicing: 0-23000-0040, 0-23000-0060, 0-23000-0100, 0-23000-0150, 0-23000-0180, 0-23000-0200, 0-23000-0250, 0-23000-0272

2.8 kW, Shaft length 186.10, Core thickness 48.40, No./ teeth 8, Rotation CR/ACR
 Bearing C.E.: HC-CARGO 140297. Bearing D.E.: HC-CARGO 140285.



133391 Armature

Replacing: 7-23100-0220, 7-23100-0190, 1-23100-0160, 0-23100-0161

Servicing: 0-23000-1160, 0-23000-1170, 0-23000-1190, 0-23000-1230, 0-23000-1231, 0-23000-1240, 0-23000-1270, 0-23000-1290

5.5 kW, Shaft length 191.00, Core thickness 59.60, No./ teeth 11
 Bearing C.E.: HC-CARGO 140080. Bearing D.E.: HC-CARGO 140286.



135667 Armature

Replacing: 0-23100-0231, 0-23100-0230

Servicing: 0-23000-6232, 0-23000-6251, 0-23000-6253, 0-23000-6341, 0-23000-6343, 0-23000-6512, 0-23000-6520, 0-23000-6523

7.5 kW, Shaft length 209.50, Core thickness 74.40, No./ splines 9, Rotation CR/ACR



135668 Armature

Replacing: 7-23100-0310, 0-23100-0251

Servicing: 0-23000-3150, 0-23000-3152, 0-23000-3160, 0-23000-3170, 0-23000-3180, 0-23000-3200, 0-23000-3250, 0-23000-3270

7.5 kW, Shaft length 213.60, Core thickness 64.90, No./ teeth 9, Rotation CR/ACR



137074 Armature

Replacing: 1-21100-1370

Servicing: 0-21000-4720, 0-21000-4721, 0-21000-4930, 0-21000-4931, 0-21000-4932, 0-21000-4933, 0-21000-4934, 0-21000-5020

3.5 kW, Shaft length 305.00, Core thickness 74.50, No./ splines 12, Rotation CR


137543 Armature

Replacing: 0-23100-0381, 0-23100-0380
 Servicing: 0-23000-2100, 0-23000-2101,
 0-23000-2200, 0-23000-2201, 0-23000-2541
 4.5 kW, Shaft length 177.15,
 Core thickness 60.17, No./ teeth 9


234103 Armature

Replacing: 0-23100-0430
 Servicing: 0-23000-7671, 0-23000-7731,
 0-23000-8061, 0-23000-8111
 11 kW, Shaft length 212.00,
 Core thickness 74.65, No./ teeth 10

Field Cases

135678 Field Case

Replacing: 0-23200-0560
 Servicing: 0-23000-1940, 0-23000-2030,
 0-23000-2040, 0-23000-2050, 0-23000-2100,
 0-23000-2150, 0-23000-2180, 0-23000-2190
 24 V, 4.5 kW, OD/ middle 90.00,
 Length 105.20, Brush gear w/o, Magnets w/o


235751 Field Case

Replacing: 0-23200-0150
 Servicing: 0-23000-6510, 0-23000-6850,
 0-23000-6901, 0-23000-7091, 0-23000-7511
 24 V, 7.5 kW, OD/middle 113.86, Rotation CR,
 Length 116.72, Brush gear w/o, Magnets w/o

Field Coils
24 Volt

132530 Field Coil

Replacing: 0-23230-0110
 Servicing: 0-23000-1030, 0-23000-1031,
 0-23000-1033, 0-23000-1050, 0-23000-1060,
 0-23000-1070, 0-23000-1071, 0-23000-1080
 24 V, 4.5 kW, Height 104.50,
 Internal height 61.60, Inner width 23.30


132531 Field Coil

Replacing: 0-23230-0150
 Servicing: 0-23000-6211, 0-23000-6232,
 0-23000-6250, 0-23000-6251, 0-23000-6310,
 0-23000-6341, 0-23000-6510, 0-23000-6523
 24 V, 7.5 kW, Height 119.30,
 Internal height 60.60, Inner width 26.25


133392 Field Coil

Replacing: 0-23230-0210
 Servicing: 0-23000-1160, 0-23000-1170,
 0-23000-1230, 0-23000-1231, 0-23000-1240,
 0-23000-1270, 0-23000-1290, 0-23000-1292
 24 V, 5.5 kW, Height 123.15,
 Internal height 69.35, Inner width 22.75

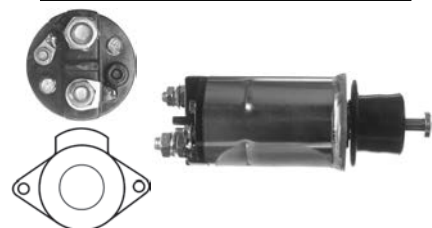

135669 Field Coil

Replacing: 0-23230-0281
 Servicing: 0-23000-3150, 0-23000-3160,
 0-23000-3170, 0-23000-3180, 0-23000-3200,
 0-23000-3230, 0-23000-3240, 0-23000-3250
 24 V, 7.5 kW, Height 107.65,
 Internal height 74.00, Inner width 23.55

Solenoids
12 Volt

132495 Solenoid

Replacing: 0-47100-3031, 0-47100-3030,
 0-47100-2690, 0-47100-2650
 Servicing: 0-21000-3271, 0-21000-3480,
 0-21000-3520, 0-21000-3650, 0-21000-3661,
 0-21000-3690, 0-21000-3711, 0-21000-3783
 12 V, B+ M10, Kl. 50 M5, OD 70.00,
 OD/ cover 69.45, Total length 215.70,
 Height/ B+ 28.50, Width/ kl. 50 18.75,
 Coil bolt M10, Coil bolt 2 28.00,
 No./ terminals 3
 Cap: HC-CARGO 138897.


133852 Solenoid

Replacing: 0-47100-4270
 Servicing: 28MT
 12 V, B+ M10, Kl. 50 M5, OD 57.00,
 OD/ cover 57.00, Total length 175.00,
 Height/ B+ 16.50, Width/ kl. 50 7.50,
 Coil bolt M8, Coil bolt 2 11.00,
 No./ terminals 3
 Cap: HC-CARGO 134841. Terminal switch:
 M5.


134632 Solenoid

Replacing: 0-47100-4071, 0-47100-4070
 Servicing: 0-23000-0171, 0-23000-0172,
 0-23000-0173, 0-23000-0210
 12 V, B+ M8, Kl. 50 9.40, OD 57.30,
 OD/ cover 56.85, Total length 165.00,
 Height/ B+ 17.55, Width/ kl. 50 11.30,
 Coil bolt M8, Coil bolt 2 17.25,
 No./ terminals 3
 Cap: HC-CARGO 139511. Moving contact: HC-
 CARGO 139512.



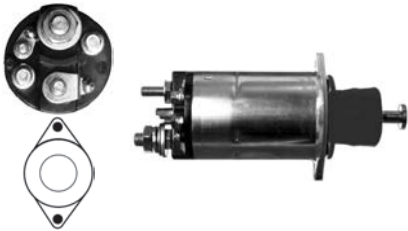
134974 Solenoid

Replacing: 0-47100-3901, 0-47100-3900
 Servicing: 0-23000-0130, 0-23000-0260, 0-23000-0261, 0-23000-0262
 12 V, B+ M8, Kl. 50 9.40, OD 54.15, OD/ cover 54.85, Total length 167.30, Height/ B+ 16.75, Width/ kl. 50 13.45, Coil bolt M8, Coil bolt 2 14.55, No./ terminals 3



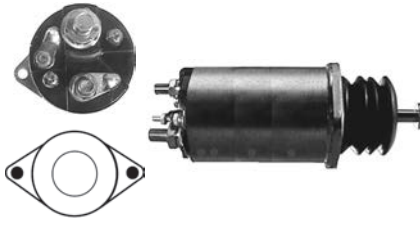
135676 Solenoid

Replacing: 0-47100-3290
 Servicing: 0-23000-0020, 0-23000-1020, 0-23000-1300
 12 V, B+ M8, Kl. 50 9.40, OD 52.00, OD/ cover 45.00, Total length 161.15, Height/ B+ 18.00, Width/ kl. 50 11.25, Coil bolt M8, Coil bolt 2 18.00, No./ terminals 3



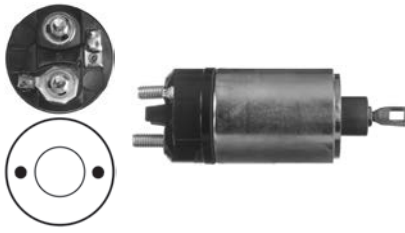
135677 Solenoid

Replacing: 0-47100-3920
 Servicing: 0-23000-1420, 0-23000-1520, 0-25000-1520
 12 V, B+ M10, Kl. 50 M5, OD 57.00, OD/ cover 56.70, Total length 170.60, Height/ B+ 17.55, Width/ kl. 50 9.50, Coil bolt M8, Coil bolt 2 14.90, No./ terminals 3



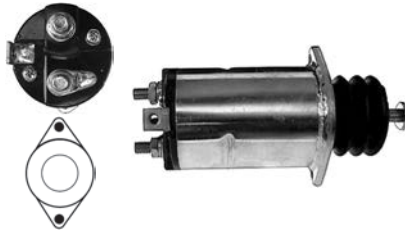
137811 Solenoid

Replacing: 0-47100-4390, 0-47100-4160, 0-47100-4100
 Servicing: 28MT
 12 V, B+ M10, Kl. 50 M4, OD 56.90, OD/ cover 57.20, Total length 174.00, Height/ B+ 16.00, Width/ kl. 50 8.00, Coil bolt M8, Coil bolt 2 11.00, No./ terminals 3
 Cap: HC-CARGO 137824.



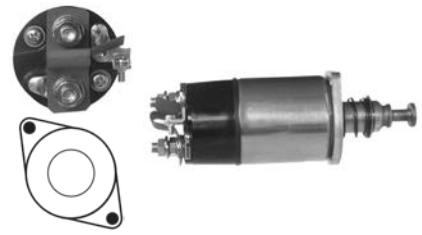
135871 Solenoid

Replacing: 0-23500-0454
 6 V, B+ M8, Kl. 50 6.30, OD 50.20, OD/ cover 49.75, Total length 145.55, Height/ B+ 16.80, Width/ kl. 50 12.20, Coil bolt M8, Coil bolt 2 13.00, No./ terminals 3
 Cap: HC-CARGO 131335.



139510 Solenoid

Replacing: 0-47100-2970
 Servicing: 0-21000-4231, 0-21000-5230, 0-21000-5231
 12 V, B+ M8, Kl. 50 9.40, OD 57.00, OD/ cover 56.90, Total length 160.00, Height/ B+ 16.10, Width/ kl. 50 11.55, Coil bolt M8, Coil bolt 2 15.90, No./ terminals 3
 Cap: HC-CARGO 139511. Moving contact: HC-CARGO 139512.



232223 Solenoid

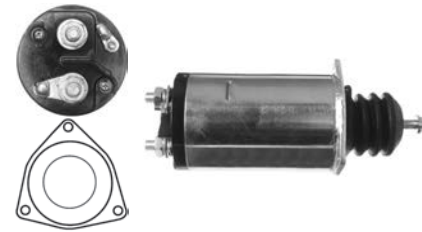
Replacing: 0-47100-2073
 Servicing: 0-21000-2480, 0-21000-2484
 12 V, B+ M8, Kl. 50 9.40, OD 57.30, OD/ cover 55.25, Total length 173.55, Height/ B+ 19.75, Width/ kl. 50 12.90, Coil bolt M8, Coil bolt 2 19.95, No./ terminals 3

24 Volt



132498 Solenoid

Replacing: 0-47100-3110, 0-47100-3100
 Servicing: 0-2100-3041, 0-23000-1030, 0-23000-1031, 0-23000-1033, 0-23000-1050, 0-23000-1070, 0-23000-1071, 0-23000-1080
 24 V, B+ M10, Kl. 50 M5, OD 56.80, OD/ cover 56.65, Total length 177.50, Height/ B+ 22.00, Width/ kl. 50 13.45, Coil bolt M8, Coil bolt 2 17.45, No./ terminals 3
 Cap: HC-CARGO 138898.

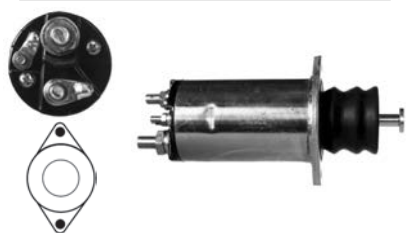


132499 Solenoid

Replacing: 0-47100-4141, 0-47100-4140, 0-47100-3420
 Servicing: 0-23000-1620, 0-23000-1630, 0-23000-6210, 0-23000-6211, 0-23000-6232, 0-23000-6250, 0-23000-6251, 0-23000-6253
 24 V, B+ M10, Kl. 50 M5, OD 80.00, OD/ cover 79.90, Total length 230.25, Height/ B+ 22.80, Width/ kl. 50 13.55, Coil bolt M10, Coil bolt 2 23.90, No./ terminals 3
 Cap: HC-CARGO 234516.


132500 Solenoid

Replacing: 0-47100-4360, 0-47100-3592, 0-47100-3591, 0-47100-3590
 Servicing: 0-23000-0040, 0-23000-0060, 0-23000-0100, 0-23000-0150, 0-23000-0180, 0-23000-0200, 0-23000-0250, 0-23000-0272
 24 V, B+ M8, Kl. 50 9.40, OD 54.15, OD/ cover 46.75, Total length 154.35, Height/ B+ 18.20, Width/ kl. 50 14.00, Coil bolt M8, Coil bolt 2 18.40, No./ terminals 3


133395 Solenoid

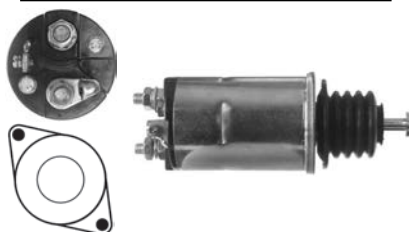
Replacing: 0-47100-3510
 Servicing: 0-23000-1160, 0-23000-1170, 0-23000-1230, 0-23000-1231, 0-23000-1240, 0-23000-1270, 0-23000-1290, 0-23000-1292
 24 V, B+ M10, Kl. 50 M5, OD 56.85, OD/ cover 56.80, Total length 181.75, Height/ B+ 23.25, Width/ kl. 50 13.30, Coil bolt M8, Coil bolt 2 18.50, No./ terminals 3
 Cap: HC-CARGO 233121.


133482 Solenoid

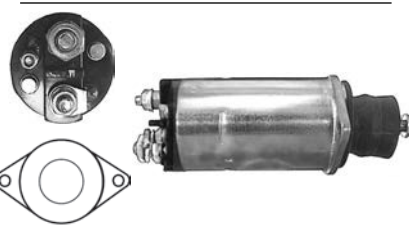
Replacing: 0-47100-3180, 0-47100-3010
 Servicing: 0-21000-4720, 0-21000-4931, 0-21000-4932, 0-21000-4933, 0-21000-4934, 0-21000-5350, 0-21000-5360
 24 V, B+ M8, Kl. 50 9.40, OD 56.75, OD/ cover 56.80, Total length 162.00, Height/ B+ 17.45, Width/ kl. 50 12.30, Coil bolt M8, Coil bolt 2 17.30, No./ terminals 3
 Cap: HC-CARGO 139511. Moving contact: HC-CARGO 139512.


134630 Solenoid

Replacing: 0-47100-3060, 0-47100-3041, 0-47100-3040, 0-47100-2672, 0-47100-2671, 0-47100-2670
 Servicing: 0-21000-3333, 0-21000-3390, 0-21000-3391, 0-21000-3411, 0-21000-3625, 0-21000-3651, 0-21000-3800, 0-21000-4452
 24 V, B+ M10, Kl. 50 M5, OD 69.70, OD/ cover 69.35, Total length 214.70, Height/ B+ 27.75, Width/ kl. 50 18.55, Coil bolt M10, Coil bolt 2 27.75, No./ terminals 3
 Cap: HC-CARGO 138897.


134631 Solenoid

Replacing: 0-47100-4062, 0-47100-4060
 Servicing: 0-23000-0051, 0-23000-0281, 0-23000-0283, 0-23000-0330, 0-23000-0370
 24 V, B+ M8, Kl. 50 9.40, OD 56.85, OD/ cover 56.75, Total length 164.40, Height/ B+ 16.30, Width/ kl. 50 11.60, Coil bolt M8, Coil bolt 2 16.30, No./ terminals 3
 Cap: HC-CARGO 139511. Moving contact: HC-CARGO 139512.


135521 Solenoid

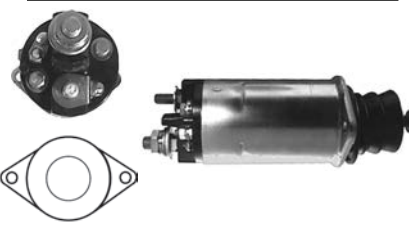
Replacing: 0-47100-4220
 Servicing: 28MT
 24 V, B+ M10, Kl. 50 M5, OD 57.00, OD/ cover 56.70, Total length 177.50, Height/ B+ 14.00, Width/ kl. 50 6.50, Coil bolt M8, Coil bolt 2 12.50, No./ terminals 3
 Cap: HC-CARGO 138898. Terminal switch: M5.


135674 Solenoid

Replacing: 0-47100-3944, 0-47100-3940
 Servicing: 0-23000-3150, 0-23000-3152, 0-23000-3160, 0-23000-3170, 0-23000-3180, 0-23000-3200, 0-23000-3230, 0-23000-3240
 24 V, B+ M10, Kl. 50 M8, OD 70.00, OD/ cover 69.75, Total length 204.00, Height/ B+ 18.75, Width/ kl. 50 9.50, Coil bolt M10, Coil bolt 2 18.80, No./ terminals 3


136400 Solenoid

Replacing: 0-47100-3660
 24 V, B+ M12, Kl. 15a M5, Kl. 50 9.40, OD 56.80, OD/ cover 56.90, Total length 188.90, Height/ B+ 26.00, Width/ kl. 15a 14.60, Width/ kl. 50 11.20, Coil bolt M8, Coil bolt 2 9.40, No./ terminals 4


137544 Solenoid

Replacing: 0-47100-4240
 Servicing: 0-23000-2100, 0-23000-2101, 0-23000-2200, 0-23000-2201, 0-23000-2541
 24 V, B+ M10, Kl. 50 M5, OD 57.25, OD/ cover 57.00, Total length 193.00, Height/ B+ 17.85, Width/ kl. 50 9.60, Coil bolt M8, Coil bolt 2 14.70, No./ terminals 3

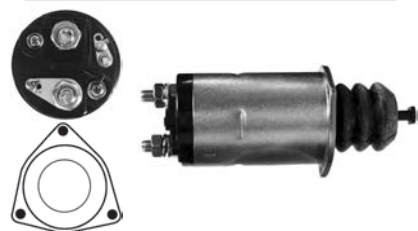


138896 Solenoid

Replacing: 0-47100-3070

Servicing: 0-23000-6000, 0-23000-6030, 0-23000-6040, 0-23000-6070, 0-23000-6071, 0-23000-6090, 0-23000-6091, 0-23000-6100

24 V, B+ M10, Kl. 50 M5, OD 69.90, OD/ cover 69.45, Total length 210.00, Height/ B+ 22.65, Width/ kl. 50 18.15, Coil bolt M10, Coil bolt 2 20.00, No./ terminals 3
Cap: HC-CARGO 138897.

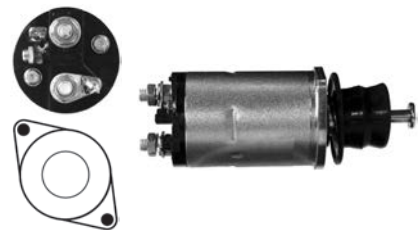


231734 Solenoid

Replacing: 0-47100-3750

Servicing: 0-23000-6470, 0-23000-6630, 0-23000-6640, 0-23000-6641, 0-23000-6680, 0-23000-6710, 0-23000-6880

24 V, B+ M10, Kl. 50 M5, OD 70.00, OD/ cover 69.80, Total length 209.25, Height/ B+ 20.50, Width/ kl. 50 10.45, Coil bolt M10, Coil bolt 2 18.95, No./ terminals 3
Cap: HC-CARGO 138897.

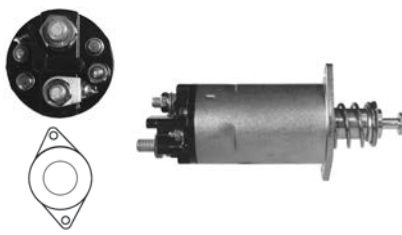


231735 Solenoid

Replacing: 7-47100-0130, 7-47100-0040

Servicing: 0-21000-3462, 0-21000-4040, 0-21000-4830, 0-21000-4900

24 V, B+ M8, Kl. 50 9.40, OD 56.85, OD/ cover 57.00, Total length 160.55, Height/ B+ 16.35, Width/ kl. 50 11.95, Coil bolt M8, Coil bolt 2 15.90, No./ terminals 3
Cap: HC-CARGO 139511.



231819 Solenoid

Replacing: 0-47100-4420

Servicing: 28MT

24 V, B+ M10, Kl. 15a M6, Kl. 50 M5, OD 57.05, OD/ cover 57.20, Total length 188.80, Height/ B+ 22.50, Width/ kl. 15a 11.00, Width/ kl. 50 9.50, Coil bolt M8, Coil bolt 2 13.50, No./ terminals 4
Relay terminal: M5. Cap: HC-CARGO 232203.



235814 Solenoid

Replacing: 0-0055-05402

Servicing: 0-33000-6181

24 V, OD 53.00, Total length 114.00, No./ terminals 3

Safety Switches



230186 Safety Switch

Replacing: 0-25000-7930, 0-25000-7780

Servicing: 28MT

24 V.

24 Volt



132493 Safety Switch

Replacing: 7-25000-6090, 0-25000-8430, 0-25000-6090, 0-25000-6083, 0-25000-6082, 0-25000-6081, 0-25000-6080

Servicing: 0-21000-4850, 0-21000-4860, 0-21000-4870, 0-21000-4871, 0-21000-4880, 0-21000-5080, 0-23000-0060, 0-23000-0180

24 V, Total length 72.50



132494 Safety Switch

Replacing: 0-25000-8103, 0-25000-8102, 0-25000-8100, 0-25000-6852, 0-25000-6850

Servicing: 0-23000-6530, 0-23000-6531, 0-23000-6533, 0-23000-8300

24 V, Total length 77.35



233686 Safety Switch

Replacing: 0-25000-7812, 0-25000-7811, 0-25000-7810, 0-25000-6320

Servicing: 0-23000-1070, 0-23000-1071, 0-23000-1080, 0-23000-1260, 0-23000-1310, 0-23000-1700, 0-23000-2201, 0-23000-2341

24 V, OD 40.40, Total length 63.35



233687 Safety Switch

Replacing: 0-25000-7823, 0-25000-7822, 0-25000-7690

Servicing: 0-23000-2100, 0-23000-2541

24 V, OD/ cover 40.45, Total length 81.80



233688 Safety Switch

Replacing: 0-25000-8900, 0-25000-6953, 0-25000-6951, 0-25000-6950

Servicing: 0-23000-1230, 0-23000-1231, 0-23000-1270, 0-23000-1290, 0-23000-1292, 0-23000-1330, 0-23000-6630

24 V, Total length 76.65


234253 Safety Switch

Replacing: 0-25000-8341, 0-25000-8340, 0-25000-7342

Servicing: 0-23000-7022

 24 V, OD/ cover 40.55,
Total length 78.00

Solenoid Parts
Solenoid Caps

138897 Solenoid Cap

Servicing: 0-47100-2670, 0-47100-2690, 0-47100-3030, 0-47100-3040, 0-47100-3041, 0-47100-3060, 0-47100-3070

No./ terminals 3

HC-CARGO 132495, 134630, 138896, 231734.


138898 Solenoid Cap

Servicing: 28MT, 0-23000-1260, 0-23000-1310, 0-23000-1700, 0-23000-2201, 0-47100-3110

No./ terminals 3

HC-CARGO 132498.


139511 Solenoid Cap

Servicing: 0-21000-4231, 0-21000-5230, 0-47100-1380, 0-47100-2970, 0-47100-3010, 0-47100-3100, 0-47100-3180, 0-47100-3901

No./ terminals 3

HC-CARGO 133482, 134631, 134632, 139510, 231735.


233461# Solenoid Cap

Servicing: 28MT

No./ terminals 3

HC-CARGO 231251.


234516 Solenoid Cap

Servicing: 0-23000-6510, 0-47100-3420

No./ terminals 3

HC-CARGO 132499.

Moving Contacts

139512 Contact Kit

Thickness 3.70, Width 31.00


234550# Contact Kit

Servicing: 0-47100-2970, 0-47100-3010, 0-47100-3100, 0-47100-3180, 0-47100-4060, 7-47100-0130

Thickness 4.25

Drives

132514 Drive

Replacing: 0-23500-0353, 0-23500-0350

Servicing: 0-23000-0031, 0-23000-0032, 0-23000-0040, 0-23000-0060, 0-23000-0100, 0-23000-0240, 0-23000-0330, 0-23000-0450

 ID 13.00, OD 35.30,
OD/ housing 60.00, Total length 71.20,
Splines A 12, No./ teeth 9, Rotation CR

132516# Drive

Replacing: 1-21500-1530, 1-12500-1530

Servicing: 0-21000-3390, 0-21000-3391, 0-21000-4890, 0-21000-5080, 0-21000-5210

 ID 19.00, OD 56.85,
OD/ housing 64.00, Total length 115.00,
Splines A 15, No./ teeth 11

132518 Drive

Replacing: 1-21500-1620, 1-21500-1600, 1-21500-1590, 1-21500-1040

Servicing: 0-21000-3271, 0-21000-3520, 0-21000-3650, 0-21000-3651, 0-21000-3661, 0-21000-3690, 0-21000-3711, 0-21000-4132

 ID 16.00, OD 40.45,
OD/ housing 55.00, Total length 101.50,
Splines A 15, No./ teeth 11

132519 Drive

Replacing: 1-23500-0170

Servicing: 0-23000-3150, 0-23000-3152, 0-23000-3180, 0-23000-3270, 0-23000-3280, 0-23000-3285, 0-23000-3291, 0-23000-3301

 ID 19.32, OD 46.50,
OD/ housing 75.00, Total length 96.50,
Splines A 15, No./ teeth 12, Rotation CR



133291 Drive

Replacing: 0-23500-0422, 0-23500-0421, 0-23500-0420

Servicing: 0-23000-0091, 0-23000-0130, 0-23000-0172, 0-23000-0173, 0-23000-0260, 0-23000-0262

ID 13.10, OD 32.50,
OD/ housing 59.30, Total length 71.00,
Splines A 12, No./ teeth 9, Rotation CR



133393 Drive

Replacing: 1-23500-0250, 0-23500-0254, 0-23500-0251, 0-23500-0250

Servicing: 0-23000-1160, 0-23000-1230, 0-23000-1231, 0-23000-1270, 0-23000-1601, 0-23000-1660

ID 15.00, OD 46.54,
OD/ housing 64.85, Total length 90.40,
Splines A 12, No./ teeth 13, Rotation CR



133854 Drive

Replacing: 0-23500-0551

Servicing: 28MT

ID 14.00, OD 32.00,
OD/ housing 60.00, Total length 85.00,
Splines A 12, No./ teeth 10, Rotation CR
w/ rubber seal.



135542 Drive

Replacing: 1-23500-0010

Servicing: 0-23000-1030, 0-23000-1031, 0-23000-1032, 0-23000-1050, 0-23000-1060, 0-23000-1070, 0-23000-1071, 0-23000-1073

ID 15.00, OD 40.25,
OD/ housing 60.00, Total length 84.15,
Splines A 12, No./ teeth 11, Rotation CR



135693 Drive

Replacing: 1-23500-0190, 0-23500-0194

Servicing: 0-23000-3160, 0-23000-3170, 0-23000-3200, 0-23000-6341, 0-23000-6343, 0-23000-6510, 0-23000-6511, 0-23000-6512

ID 19.00, OD 46.25,
OD/ housing 75.00, Total length 97.55,
Splines A 16, No./ teeth 13, Rotation CR



136139 Drive

Replacing: 0-23500-0323, 0-23500-0320

Servicing: 0-23000-1260, 0-23000-1310, 0-23000-1680, 0-23000-1700, 0-23000-1720, 0-23000-2100, 0-23000-2200, 0-23000-2201

ID 14.00, OD 34.75,
OD/ housing 62.00, Total length 82.55,
Splines A 12, No./ teeth 9, Rotation CR



137071 Drive

Replacing: 1-21500-2060, 0-21500-2001

Servicing: 0-21000-4720, 0-21000-4721, 0-21000-4931, 0-21000-4932, 0-21000-4933, 0-21000-4934, 0-21000-5020, 0-21000-5021

ID 14.00, OD 35.75,
OD/ housing 60.00, Total length 80.20,
Splines A 12, No./ teeth 9, Rotation CR

Levers

Lever Parts

Various

Pkg. 10



233692 Screw

Servicing: 28MT

Thread M6,

Total length 55.80, Thread length 15.00

Brush Gears



132503 Brush Gear

Replacing: 0-23750-0051, 0-23750-0050

Servicing: 0-23000-6071, 0-23000-6072, 0-23000-6091, 0-23000-6103, 0-23000-6140, 0-23000-6160, 0-23000-6170, 0-23000-6181
OD 78.80

Brush set: HC-CARGO 140551.



132913 Brush Gear

Replacing: 0-21750-1432

Servicing: 0-21000-3271, 0-21000-3480, 0-21000-3491, 0-21000-3520, 0-21000-3650, 0-21000-3651, 0-21000-3661, 0-21000-3783
OD 92.00

Brush set: HC-CARGO 140448. Brush spring: HC-CARGO 135708.



133863 Brush Gear

Replacing: 0-23750-0120

Servicing: 0-23000-1030, 0-23000-1031, 0-23000-1033, 0-23000-1050, 0-23000-1060, 0-23000-1070, 0-23000-1071, 0-23000-1080
OD 77.00

Brush set: HC-CARGO 140549.


134973 Brush Gear

Replacing: 0-23750-0220

 Servicing: 0-23000-0081, 0-23000-0091,
0-23000-0120, 0-23000-0130, 0-23000-0172,
0-23000-0173, 0-23000-0210, 0-23000-0260

OD 62.00

Neg. brushes. Brush set: HC-CARGO 140770.

135679 Brush Gear

Replacing: 0-23750-0250

 Servicing: 0-23000-3150, 0-23000-3160,
0-23000-3170, 0-23000-3180, 0-23000-3200,
0-23000-3230, 0-23000-3240, 0-23000-3270

OD 77.00

*Brush set: HC-CARGO 140769. Brush spring:
HC-CARGO 135673.*
Brush Gear Parts
Brush Springs

135672[#] Brush Spring

Replacing: 1-23913-0010

 Servicing: 0-21000-4720, 0-21000-4930,
0-21000-4931, 0-21000-4932, 0-21000-4933,
0-21000-4934, 0-21000-5200, 0-21000-5350

OD 14.40, Length 24.60


135673 Brush Spring

Replacing: 1-23913-0040

 Servicing: 0-23000-3150, 0-23000-3152,
0-23000-3160, 0-23000-3170, 0-23000-3180,
0-23000-3200, 0-23000-3230, 0-23000-3240

OD 14.75, Length 28.50

Pkg. 10


135694[#] Brush Spring

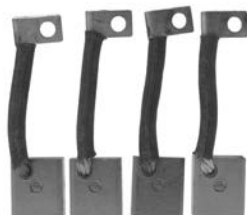
Replacing: 0-23913-0080

 Servicing: 0-23000-0030, 0-23000-0031,
0-23000-0032, 0-23000-0040, 0-23000-0050,
0-23000-0051, 0-23000-0052, 0-23000-0060

OD 13.00, Length 22.25

Brush Sets

Pkg. 5


140448 Brush Set

Replacing: 1-21740-0440

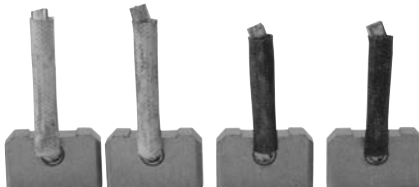
 Servicing: 0-21000-3271, 0-21000-3480,
0-21000-3491, 0-21000-3520, 0-21000-3650,
0-21000-3651, 0-21000-3661, 0-21000-3690

 24 V, Length 23.00, Lead length 60.50,
Height 20.00, Thickness 9.00

140488 Brush Set

Replacing: 1-21740-0690, 1-21740-0680

 Servicing: 0-21000-3333, 0-21000-3390,
0-21000-3391, 0-21000-3411, 0-21000-3625,
0-21000-3800, 0-21000-4452, 0-21000-4740

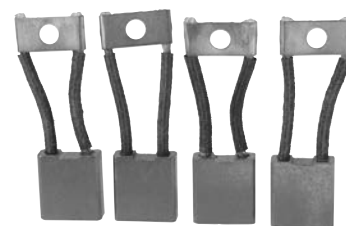
 24 V, Length 23.50, Lead length 50.00,
Height 20.00, Thickness 10.00

140507 Brush Set

Replacing: 1-23740-0150, 1-23740-0140

 Servicing: 0-23000-0031, 0-23000-0032,
0-23000-0040, 0-23000-0060, 0-23000-0100,
0-23000-0150, 0-23000-0180, 0-23000-0200

 24 V, Length 15.50, Lead length 36.00,
Height 25.00, Thickness 7.00

Pkg. 5


140518[#] Brush Set

Replacing: 1-21740-0170

 24 V, Length 20.00, Lead length 42.00,
Height 19.00, Thickness 7.00

Pkg. 5


140549 Brush Set

 Replacing: 1-23740-0170, 1-23740-0120,
0-23740-0180, 0-23740-0110

 Servicing: 0-23000-1030, 0-23000-1031,
0-23000-1033, 0-23000-1050, 0-23000-1060,
0-23000-1070, 0-23000-1071, 0-23000-1080

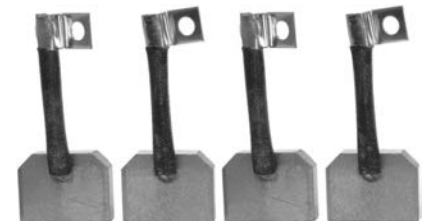
 24 V, Length 20.00, Lead length 40.00,
Lead length 2 49.50, Height 25.00,
Thickness 8.00

Pkg. 5


140550 Brush Set

Replacing: 1-23740-0030, 1-23740-0010

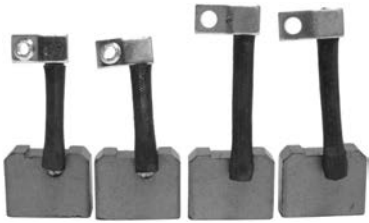
Servicing: 0-23000-3130, 0-23000-3140

 24 V, Length 21.50, Lead length 44.00,
Height 25.00, Thickness 8.00

140551 Brush Set

Replacing: 1-23740-0050, 0-23740-0250

 Servicing: 0-23000-3150, 0-23000-3152,
0-23000-3160, 0-23000-3170, 0-23000-3180,
0-23000-3240, 0-23000-3241, 0-23000-3260

 24 V, Length 22.50, Lead length 52.80,
Height 30.00, Thickness 9.00



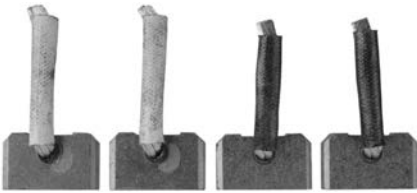
140732 Brush Set

Replacing: 0-23740-0360

Servicing: 28MT

24 V, Length 20.00, Lead length 49.00,
Lead length 2 37.00, Height 25.00,
Thickness 8.00

Pkg. 5



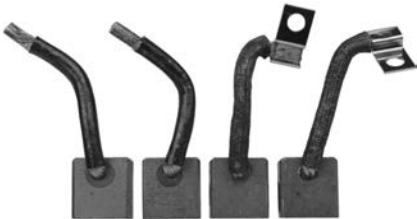
140770 Brush Set

Replacing: 0-23740-0210, 0-23740-0200

Servicing: 0-23000-0081, 0-23000-0091,
0-23000-0120, 0-23000-0130, 0-23000-0172,
0-23000-0173, 0-23000-0210, 0-23000-0260

12 V, Length 15.00, Lead length 41.00,
Lead length 2 36.00, Height 25.00,
Thickness 7.00

Pkg. 5



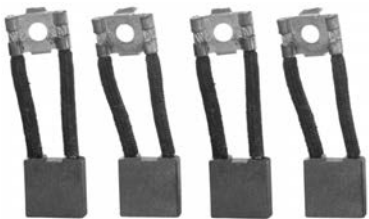
140875 Brush Set

Replacing: 1-21740-0720, 1-21740-0710

Servicing: 0-21000-4720, 0-21000-4721,
0-21000-4931, 0-21000-4932, 0-21000-4933,
0-21000-4934, 0-21000-5021, 0-21000-5350

24 V, Length 20.00, Lead length 60.50,
Height 19.00, Thickness 9.00

Pkg. 5



141106 Brush Set

Replacing: 1-21470-0211

Servicing: 0-21000-2484

12 V, Length 18.00, Lead length 43.00,
Height 18.50, Thickness 7.00

Bushings

Pkg. 10



140449 Bushing

Replacing: 7-21351-0950

Servicing: 0-21000-3271, 0-21000-3333,
0-21000-3390, 0-21000-3391, 0-21000-3411,
0-21000-3480, 0-21000-3491, 0-21000-3520
ID 19.00, OD 23.00, Length 20.00

Pkg. 5



140450 Bushing

Replacing: 7-21351-0960

Servicing: 0-21000-3271, 0-21000-3480,
0-21000-3491, 0-21000-3520, 0-21000-3650,
0-21000-3651, 0-21000-3661, 0-21000-3690
ID 27.78, OD 32.00, Length 28.00

Pkg. 10



140485 Bushing

Replacing: 7-21351-0621, 7-21351-0620,
7-21351-0610

Servicing: 0-21000-2480, 0-21000-2484,
0-21000-2810, 0-21000-3462, 0-21000-3600,
0-21000-4040, 0-21000-4231, 0-21000-4700
ID 14.00, OD 17.00, Length 15.00

Pkg. 10



140487# Bushing

Replacing: 7-21351-1011, 7-21351-1010

Servicing: 0-21000-3462, 0-21000-3600,
0-21000-4040, 0-21000-4231, 0-21000-4720,
0-21000-4721, 0-21000-4830, 0-21000-4900
ID 14.05, OD 17.48, Length 19.00

Pkg. 10



140517 Bushing

Replacing: 7-23351-0140, 7-23351-0100,
7-23351-0040, 1-23351-0140

Servicing: 0-23000-1020, 0-23000-1031,
0-23000-1033, 0-23000-1040, 0-23000-1050,
0-23000-1060, 0-23000-1070, 0-23000-1071
ID 15.03, OD 19.02, Length 19.90

Pkg. 10



140519 Bushing

Replacing: 7-23351-0160

Servicing: 0-23000-0031, 0-23000-0032,
0-23000-0040, 0-23000-0060, 0-23000-0081,
0-23000-0091, 0-23000-0100, 0-23000-0120
ID 13.03, OD 16.00, Length 16.00

Pkg. 10



140520 Bushing

Replacing: 7-23351-0080, 1-23351-0080

Servicing: 0-23000-3150, 0-23000-3152,
0-23000-3160, 0-23000-3170, 0-23000-3180,
0-23000-3240, 0-23000-3241, 0-23000-3260
ID 19.00, OD 23.00, Length 19.00

Pkg. 5



140521 Bushing

Replacing: 7-23351-0060, 1-23351-0060

Servicing: 0-23000-6071, 0-23000-6072,
0-23000-6091, 0-23000-6103, 0-23000-6140,
0-23000-6150, 0-23000-6160, 0-23000-6170
ID 14.03, OD 17.50, Length 19.00

Pkg. 10


140601 Bushing

Replacing: 0-23351-0220

Servicing: 28MT

ID 14.03, OD 17.00, Length 16.20

Pkg. 10


140906 Bushing

Replacing: 7-23351-0225, 7-23351-0220

 Servicing: 0-23000-1570, 0-23000-1580,
0-23000-1980, 0-23000-2100, 0-23000-2101,
0-23000-2200, 0-23000-2201, 0-23000-2541

ID 14.00, OD 17.00, Length 16.00


140949 Bushing

Replacing: 7-23351-0154, 7-23351-0150

 Servicing: 0-23000-0031, 0-23000-0032,
0-23000-0040, 0-23000-0060, 0-23000-0081,
0-23000-0091, 0-23000-0100, 0-23000-0120

ID 22.00, OD 26.00, Length 11.95

Sundry Parts
Thru Bolts

Pkg. 10


233691 Through Bolt

Total length 185.40,

Length/ rear collar 180.00,

Thread length 34.25, Thread size M6

Various

132526 Sealing Kit

Replacing: 7-09210-1000

 Servicing: 0-21000-3391, 0-23000-6250,
0-23000-6251, 0-23000-6253, 0-23000-6310,
0-23000-6341, 0-23000-6343, 0-23000-6510

Pkg. 5


135695# Stop Collar

Replacing: 1-23181-0020

 Servicing: 0-23000-3150, 0-23000-3152,
0-23000-3160, 0-23000-3170, 0-23000-3180,
0-23000-3240, 0-23000-3241, 0-23000-3260

ID 19.00, OD 26.95, Height 8.00

Retaining ring: HC-CARGO 135698.

Pkg. 5


135696 Stop Collar

Replacing: 1-23181-0030

 Servicing: 0-23000-1030, 0-23000-1031,
0-23000-1033, 0-23000-1050, 0-23000-1060,
0-23000-1070, 0-23000-1071, 0-23000-1080

ID 15.00, OD 25.00, Height 7.55

Retaining ring: HC-CARGO 135699 (x2).

Pkg. 5


135698 Retaining Ring

Replacing: 1-23914-0020

 Servicing: 0-23000-3150, 0-23000-3152,
0-23000-3160, 0-23000-3170, 0-23000-3180,
0-23000-3240, 0-23000-3241, 0-23000-3260

Thickness 2.00, Material Steel

Stop collar: HC-CARGO 135695.

Pkg. 5


135699 Retaining Ring

Replacing: 1-23914-0030

 Servicing: 0-23000-1030, 0-23000-1031,
0-23000-1033, 0-23000-1050, 0-23000-1060,
0-23000-1070, 0-23000-1071, 0-23000-1080

Thickness 2.00, Material Steel

Stop collar: HC-CARGO 135696.

Pkg. 10


233694 Washer

Servicing: 28MT

 ID 10.45, OD 23.60, Thickness 0.20,
Material Steel

Pkg. 10


233695 Washer

Servicing: 28MT

ID 10.50, OD 23.00, Thickness 0.80

D.E. Brackets


235763 D.E. Bracket
Servicing: 03111-4140

Solenoids
12 Volt


235473 Solenoid Assy
Servicing: 03111-4140
12 V



236596 Solenoid Assy
Servicing: 03101-3170
12 V, No./ terminals 3

Drives


235095 Drive
Servicing: 03111-4140, 03111-4240, 03111-4241
OD 32.00, OD/ housing 42.00,
Total length 104.00, Splines A 10,
No./ teeth 10



236607 Drive
Servicing: 03101-3170, 03101-3190, 03101-3220
OD 29.00, Total length 93.50, Splines A 10, No./ teeth 9, Rotation CR



238986 Drive
Servicing: 03101-3050
OD 29.20, Total length 104.00, Splines A 10, No./ teeth 9

Drive Parts
Rollers


135361 Dp Rollers
OD 7.20, Length 15.20

Pkg. 100



234378 Rollers
OD 7.00, Length 18.45

Pkg. 500

Brush Sets


142077 Brush Set
12 V, Length 18.05, Lead length 38.00,
Lead length 2 38.00, Height 24.85,
Thickness 7.80

Sundry Parts
Various


234349 Stop Collar Kit
ID 13.00, OD 19.40, Height 5.40

Pkg. 10

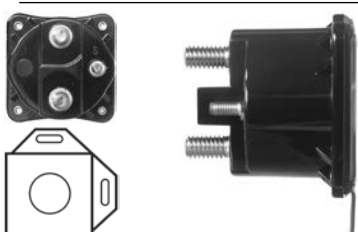


235284 Tolerance Ring
Servicing: 03101-3170, 03101-3190, 03101-3220, 03111-4140
ID 30.00, OD 32.00, Height 8.00

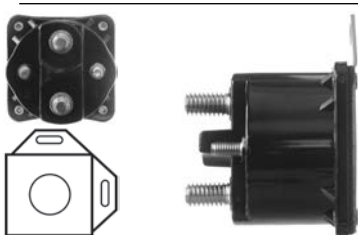
Solenoids
12 Volt

130493 Solenoid

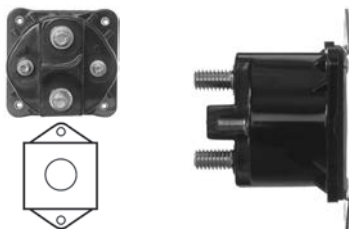
Replacing: SAS-4211Y, 15-407

 12 V, Intermittent load 150 Amp.,
 B+ 5/16" UNF, Kl. 50 10-32 UNF,
 OD 42.30, Total length 62.30,
 Height/ B+ 15.00, Width/ kl. 50 10.50,
 Coil bolt 5/16" UNF, Coil bolt 2 15.00,
 No./ terminals 4

133855 Solenoid

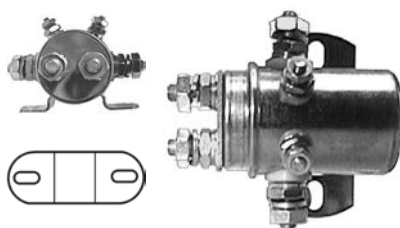
Replacing: SAZ-4201X, SAZ-4201R, SAZ-4201ENY, SAZ-4201ELY, SAZ-4201E, SAZ-4201CJ, SAZ-4201CA, SAZ-4201BR

 12 V, 100 Amp,
 Intermittent load 800 Amp., B+ M8,
 Kl. 50 M5, OD/ cover 48.95,
 Total length 54.30, Height/ B+ 14.25,
 Width/ kl. 50 9.70, Coil bolt M8,
 Coil bolt 2 14.10, No./ terminals 3
 3.95-4.15 coil resistance.

133856 Solenoid

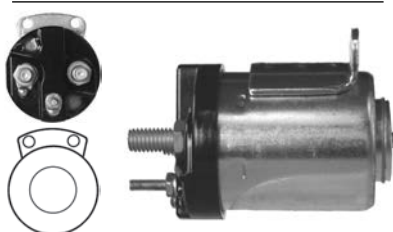
Replacing: SAZ-4201N, SAZ-4201EW, SAZ-4201DDY, SAZ-4201CPY, SAZ-4201BW, SAZ-4201BU, SAZ-4201BBY, 15-486

 12 V, 100 Amp,
 Intermittent load 800 Amp., B+ M8,
 Kl. 15a M5, Kl. 50 M5, OD/ cover 49.25,
 Total length 54.75, Height/ B+ 14.20,
 Width/ kl. 15a 9.85, Width/ kl. 50 9.95,
 Coil bolt M8, Coil bolt 2 14.20,
 No./ terminals 4
 3.95-4.15 coil resistance.

133857 Solenoid

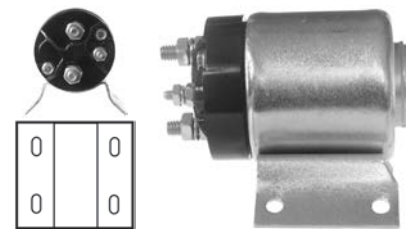
Replacing: SAZ-4201U, SAZ-4201EY, SAZ-4201BC, SAZ-4201AP, SAZ-4201AHY, 15-487, 15-400, 15-368, 15-351, 15-275

 12 V, 100 Amp,
 Intermittent load 800 Amp., B+ M8,
 Kl. 15a M5, Kl. 50 M5, OD/ cover 54.75,
 Total length 55.50, Height/ B+ 14.45,
 Width/ kl. 15a 9.90, Width/ kl. 50 9.80,
 Coil bolt M8, Coil bolt 2 14.30,
 No./ terminals 4
 3.95-4.15 coil resistance.

138068 Solenoid

Replacing: SBD-4201G, SBD-4201A, SBD-4201, 15-386, 15-323

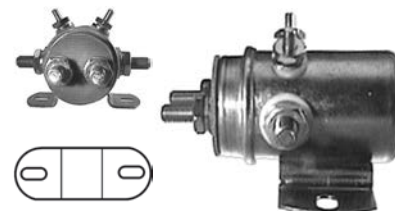
 12 V, 200 Amp,
 Intermittent load 900 Amp., B+ 5/16" UNF,
 Kl. 50 10-32 UNF, OD 42.00,
 Total length 89.35, Height/ B+ 12.00,
 Width/ kl. 50 8.00, Coil bolt 5/16" UNF,
 Coil bolt 2 12.00, Seconds 5,
 No./ terminals 6
 Silver contact.

231811 Solenoid

Replacing: saj4003b, saj4003a, 15-453, 15-452

 12 V, B+ M10, Kl. 50 M5,
 ID/ cover 27.90, OD 55.80,
 OD/ cover 62.60, Total length 108.60,
 Height/ B+ 22.60, Width/ kl. 50 19.40,
 Coil bolt M10, Coil bolt 2 16.85,
 No./ terminals 3

232905 Solenoid

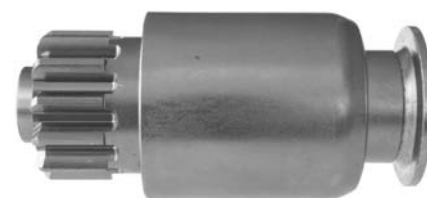
Replacing: SAG-4001, SAF-4001, SAD-4503, SAD-4502, SAD-4501, SAD-4403, SAD-4401, SAD-4301, SAD-4201, SAD-4101

 Servicing: 8AL2002, MA12NDM451
 12 V, B+ M8, Kl. 50 M4,
 ID/ cover 31.95, OD 66.40,
 OD/ cover 65.90, Total length 110.65,
 Height/ B+ 21.00, Width/ kl. 50 12.80,
 Coil bolt M8, Coil bolt 2 19.75,
 No./ terminals 3
 Insulated return.

24 Volt

137766 Solenoid

Replacing: SBD-4401, 15-326

 24 V, 100 Amp,
 Intermittent load 600 Amp.,
 B+ 5/16" UNF, Kl. 15a 3/16" UNF,
 Kl. 50 3/16" UNF, OD 41.00,
 Total length 89.40, Height/ B+ 18.35,
 Width/ kl. 15a 12.00,
 Width/ kl. 50 12.40, Coil bolt 5/16" UNF,
 Coil bolt 2 17.65, Seconds 5,
 No./ terminals 6

Drives

131766 Drive

Replacing: PD-7A, 59-186

 Servicing: 40MT
 ID 19.00 (3/4"), OD 46.30,
 OD/ housing 58.00,
 Total length 120.40/4.740",
 Shaft length 19.00/0.748", Splines A 19,
 No./ teeth 12, Rotation CR
 Bronze.


131768 Drive

Replacing: PP-8A, PD-9A, PD-8A, 59-205, 59-203

Servicing: 40MT

 ID 19.00 (3/4"), OD 56.50,
 OD/ housing 58.00,
 Total length 120.40/4.740",
 Shaft length 19.00/0.748", Splines A 19,
 No./ teeth 11, Rotation CR

233175 Drive

Replacing: 18-56

 ID 14.30, OD 32.10,
 OD/ housing 60.00, Total length 106.00,
 Splines A 6, No./ teeth 10, Rotation CR

235624 Drive

Replacing: ebb-174, ebb-132, eb-95, 59-248, 59-195, 59-146, 19-195

Servicing: 460227, mdu7028, mdu7028s, mdu7029, meo4001, meo4002, mmg4002

 ID 16.00, OD 29.20,
 OD/ housing 53.00, Total length 137.00,
 No./ teeth 9, Rotation ACR

Brush Gears

230987 Brush Gear

Replacing: MDL-1064, 36-67

12 V, OD 82.85

Brush set: HC-CARGO EX85-86 2/1.

Brush Gear Parts
Brush Springs

Pkg. 10


132741 Brush Spring

Replacing: MZ-19S, 50-263

Servicing: 4 1/2" DD

OD 15.65, Length 30.80

Brush Sets

140712 Brush Set

Replacing: MGD-2032S, 17-103

 12 V, Length 12.50, Lead length 50.00,
 Lead length 2 52.00, Height 16.00,
 Thickness 6.50

140713 Brush Set

Replacing: MGL-2032S, 17-171

 12 V, Length 12.50, Lead length 53.00,
 Lead length 2 63.50, Height 16.00,
 Thickness 6.50

141213 Brush Set

Replacing: EVF-2012S, 42-50, 42-32

 12 V, Length 12.50, Lead length 33.50,
 Height 6.30, Thickness 6.30

EX85-862/1 Brush Set

Replacing: MDL2012CS, MDL-2012CS, MDL-1063S, 17-39

 12 V, Length 10.00, Lead length 46.55,
 Height 17.50, Thickness 8.50

Bushings

Pkg. 10


140053 Bushing

Replacing: mg-77a, 24-23

Servicing: 37MT

 ID 15.97, OD 19.12, Length 19.00
 Alternative no.: B140053

Pkg. 10


140264 Bushing

Replacing: MZ-40AS, 24-3, 24-29

 ID 16.27, OD 19.15, Length 15.00
 Alternative no.: B140264

Pkg. 5


140553 Bushing

ID 15.90, OD 19.10, Length 15.20

Pkg. 10


141157 Bushing

Replacing: MP-41A, 24-28

ID 12.78, OD 15.95, Length 19.00

Pkg. 10


141158 Bushing

Replacing: GBF-79

ID 15.90, OD 19.10, Length 24.40

Pkg. 100


B140053 Bushing

Replacing: mg-77a, 24-23

ID 15.97, OD 19.12, Length 19.00

Alternative no.: 140053

Pkg. 100


B140264 Bushing

Replacing: MZ-40AS, 24-3, 24-29

ID 16.27, OD 19.15, Length 15.00

Alternative no.: 140264

Armatures
12 Volt

130551 Armature

Replacing: 1961320, 1952530, 1945906, 1852530

Servicing: 40MT, 10461041, 10461045, 10461046, 10461048, 10461059, 10461060, 10461061, 1114047, 1114051, 1114052, 1114054, 1114055

Shaft length 467.00,
Core thickness 85.00, No./ splines 19


130552 Armature

Replacing: 1967045, 1948999, 1946391

Servicing: 35MT, 1113389, 1113392, 1113402, 1113411, 1113412, 1113548, 1113626, 1113633, 1113634, 1113635, 1113636, 1113637

Shaft length 394.00,
Core thickness 85.00,
No./ splines 3, Rotation CR
Short shaft.


131122 Armature

Replacing: 3471555

Servicing: 150, 163, 168, 172, 177, 3471150, 3471159, 3471163, 3471168, 3471171, 3471172, 3471177, 3471390, 3471393

0.7 kW, Shaft length 223.50,
Core thickness 58.00, No./ splines 12
Spacer: HC-CARGO 136846.


131137 Armature

Replacing: d4123, 1967042, 1948691, 1942244, 1935259, 1932872

Servicing: 30MT, 1113002, 1113003, 1113004, 1113005, 1113041, 1113059, 1113089, 1113100, 1113101, 1113111, 1113113, 1113114

Shaft length 355.60,
Core thickness 85.00, No./ splines 6


131168 Armature

Replacing: 1876429, 1851961

Servicing: 35MT, 1113391, 1113396, 1113397, 1113399, 1113400, 1113401, 1113404, 1113405, 1113413, 1113414, 1113416, 1113417

Shaft length 402.30,
Core thickness 85.00, No./ splines 3
Long shaft.


131174 Armature

Replacing: d4109, 1958949, 1954448, 1938178

Servicing: 10MT, 10455304, 10455355, 1107215, 1107224, 1107245, 1107251, 1107291, 1107300, 1107326, 1107344, 1107364, 1107378

Shaft length 299.70,
Core thickness 69.00, No./ splines 6


131354 Armature

Replacing: 1987175, 1985249

Servicing: 37TM, 10461169, 10478805, 10478806, 10478825, 10478890, 10478921, 10478927, 10478928, 10478929, 10478930, 10478949

Shaft length 392.10,
Core thickness 85.00,
No./ splines 3, Rotation CR


131365 Armature

Replacing: 1987989, 1887989

Servicing: 42MT, 10478801, 10478802, 10478803, 10478804, 10478809, 10478810, 10478824, 10478894, 10478918, 10478931, 10478932

Shaft length 451.00,
Core thickness 86.00, No./ splines 19


131400 Armature

Replacing: d4159, d4143, d4124, d4121, d4111, 1979792, 1978517, 1970548, 1970538, 1965724, 1940624, 1940548

Servicing: 10MT, 10455300, 10455301, 10455305, 10455306, 10455308, 10455309, 10455310, 10455311, 10455312, 10455315, 10455335

Shaft length 281.00,
Core thickness 74.00,
No./ splines 3, Rotation CR
High torque.


131401 Armature

Replacing: d4125, d4122, d4119, 830842, 830540, 1992258, 1978449, 1971568, 1971563, 1966288, 1966228, 1966224

Servicing: 8MT, 1107233, 1107237, 1107242, 1107247, 1107248, 1107259, 1107260, 1107266, 1107274, 1107293, 1107298, 1107301

Shaft length 282.00,
Core thickness 69.00,
No./ splines 3, Rotation CR


131402# Armature

Replacing: d4126, 1893269

Servicing: 5MT, 1109521, 1109523, 1109524, 1109526, 1109528, 1109530

Shaft length 281.00,

Core thickness 62.00, No./ splines 3


131403 Armature

Replacing: d4128, 1974786, 1893449, 1875835

Servicing: 25MT, 1109186, 1109212, 1109213, 1109214, 1109215, 1109216, 1109218, 1109219, 1109495, 1109563, 1113589, 1113590

Shaft length 327.00,

Core thickness 74.00,

No./ splines 3, Rotation CR


131627 Armature

Replacing: 1960866, 1876366, 1846614

Servicing: 20MT, 1107556, 1107573, 1107574, 1107577, 1107587, 1107588, 1107589, 1107598, 1107599, 1107863, 1107866, 1107867

Shaft length 335.00,

Core thickness 74.00,

No./ splines 6, Rotation CR


131658 Armature

Replacing: 1956918, 1950417, 1949190, 1930812, 1891916

Servicing: 20MT, 25MT, 10455500, 1107506, 1107510, 1107511, 1107512, 1107514, 1107515, 1107516, 1107522, 1107523, 1107527, 1107534

Shaft length 335.00,

Core thickness 74.00, No./ splines 6


131659 Armature

Replacing: 1950307

Servicing: 10MT, 1107203, 1107204, 1107205, 1107234, 1107249, 1107268, 1107290, 1107292, 1107295, 1107308, 1107332, 1107335

Shaft length 301.00,

Core thickness 69.00, No./ splines 6


132685 Armature

Replacing: d4148, d4140, d4136, d4135, 1985138, 10499097, 10497046, 10495931, 10467708, 10467325, 10456406

Servicing: 5MT, 10455004, 10455007, 10455010, 10455011, 10455016, 10455017, 10455018, 10455019, 10455020, 10455023, 10455025

Shaft length 254.00, Core thickness 62.00,

No./ splines 3, Rotation CR


132686 Armature

Replacing: 1956422, 1947353

Servicing: 10MT, 1107228, 1107229, 1107275, 1107341, 1107386, 1107390, 1107744, 1107782, 1108291, 1108299, 1108321, 1108334

Shaft length 300.60, Core thickness 68.70,

No./ splines 6, Rotation ACR


132729 Armature

Replacing: 1878400, 10499230, 10495881, 10471537, 10467582, 10456405

Servicing: 5MT, SD210, SD260, 10455001, 10455006, 10455008, 10455009, 10455012, 10455013, 10455015, 10455024, 10455042, 10455045

Shaft length 256.58, Core thickness 62.28,

No./ splines 3, Rotation CR


133147 Armature

Replacing: 3471797, 3471767, 3471634

Servicing: 153, 155, 164, 169, 173, 174, 3471153, 3471155, 3471164, 3471169, 3471170, 3471173, 3471174, 3471175, 3471377, 3471850

0.8/0.9/1/1.4 kW, Shaft length 227.60,

Core thickness 58.00, No./ splines 12,

Rotation CR


133850 Armature

Replacing: D4161, 10456466

Servicing: 28MT, 10465054, 10479606, 10479607, 10479613, 10479614, 10479615, 10479617, 10479618, 10479619, 10479620, 10479621

Shaft length 177.70, Core thickness 60.10,

No./ teeth 8, Rotation CR/ACR


135786 Armature

Replacing: 1975073, 1929404, 1891404, 1851550

Servicing: 10MT, 10455316, 10455317, 10455318, 10455321, 10455322, 10455324, 10455325, 10455326, 10455327, 10455328, 10455329

Shaft length 300.50, Core thickness 74.30,

No./ splines 6, Rotation CR


135939 Armature

Replacing: 801662

Servicing: 10MT, 1108440, 1108511, 1109430, 1109595, 1998305, 1998324

Shaft length 300.60, Core thickness 68.50,

No./ splines 6, Rotation CR



137485 Armature

Replacing: 1949243

Servicing: 10MT, 1107194, 1107771, 1107877, 1109398, 1109422, 1109429, 1109434, 1109498, 1109552, 1109569, 1109570, 1109572

Shaft length 300.70, Core thickness 74.40, No./ splines 6, Rotation CR



230388 Armature

Replacing: 10487126, 10475990, 10475100, 10451976

Servicing: PG150, PG260F1, 09000794, 09000801, 10455506, 9000795, 9000817, 9000824, 96208785

1.4 kW, Shaft length 128.00, Core thickness 54.00, No./ teeth 16, Rotation CR



230603# Armature

Servicing: PG150, 21020545, 21020957, 9000772, 9000785, 9000791

Shaft length 131.30, Core thickness 54.00, No./ teeth 16, Rotation CR



230604 Armature

Replacing: 10475588

Servicing: PG260M, 8000321, 9000786, 9000798, 9000804, 9000805, 9000806, 9000812, 9000819, 9000820, 9000821, 9000822, 9000834

Shaft length 121.00, Core thickness 53.00, No./ teeth 12, Rotation CR



231471 Armature

Replacing: 10492437

Servicing: 12560972, 22506694, 9000836, 9000837, 9000841, 9000842, 9000854, 9000857, 9000858

1.7/2 kW, Shaft length 143.55, Core thickness 54.00, No./ teeth 11, Rotation CR/ACR



232890 Armature

Replacing: 10473852

Servicing: 41MT, 10478812, 10478818, 10478897, 10478926, 10478999, 10479023, 10479060, 10479061, 10479071, 10479215

Shaft length 390.90, Core thickness 84.60, No./ teeth 20



233960 Armature

Replacing: 10511758

Servicing: 39MT, 19011506, 19011508, 19011510, 19011513, 19011514, 19011515, 19011516, 19011517, 19011518, 19011519, 19011521

6.2 kW, Shaft length 197.20, Core thickness 76.20, No./ teeth 20
Gear reduction.



238624 Armature

Servicing: 8000180, 9000902, 9000934, 9000967, 96550792

Shaft length 109.20, Core thickness 45.45, No./ teeth 10, Rotation CR

24 Volt



130553 Armature

Replacing: 1951254

Servicing: 50MT, 10478846, 10478853, 10478862, 1109294, 1109299, 1109494, 1109497, 1109632, 1109633, 1109635, 1109641, 1109644

Shaft length 532.00, Core thickness 97.00, No./ splines 19
Long shaft.



130554 Armature

Replacing: 1953233, 1945840

Servicing: 50MT, 10478800, 10478843, 10478844, 10478845, 10478848, 10478849, 10478850, 10478851, 10478852, 10478854, 10478855

Shaft length 482.60, Core thickness 96.00, No./ splines 19, Rotation CR
Short shaft.



130923 Armature

Replacing: 1948508, 1948506, 1945500

Servicing: 40MT, 10461047, 1113818, 1113824, 1113825, 1113827, 1113830, 1113831, 1113832, 1113840, 1113842, 1113845, 1113846

Shaft length 466.50, Core thickness 85.00, No./ splines 19



131350 Armature

Replacing: 1988435

Servicing: 42MT, 10461024, 10461025, 10461030, 10461031, 10461043, 10461054, 10461068, 10478820, 10478836, 10478839, 10478892

Shaft length 451.00, Core thickness 84.00, No./ splines 19, Rotation CR



131359 Armature

Replacing: 1988322

Servicing: 37TM, 10478811, 10478814, 10478819, 10478826, 10478960, 10478976, 10479020, 1990330, 1990331, 1990332, 1990499, 1993701

Shaft length 392.10, Core thickness 85.00, No./ splines 3, Rotation CR



131661 Armature

Replacing: 1967295, 1967044, 1949112, 1948600, 1948464

Servicing: 35MT, 1113172, 1113353, 1113366, 1113370, 1113371, 1113372, 1113375, 1113378, 1113379, 1113384, 1113385, 1113386

Shaft length 431.30, Core thickness 85.00, No./ splines 19



135089 Armature

Replacing: 10457622, 10457117

Servicing: 28MT, 10461470, 10479600, 10479604, 10479605, 10479608, 10479611, 10479612, 10479616, 10479623, 10479626, 10479627

Shaft length 177.50, Core thickness 60.10, No./ teeth 8, Rotation CR/ACR



232891 Armature

Replacing: 10472559

Servicing: 41MT, 10478815, 10478817, 10478898, 10478925, 10478961, 10479013, 10479024, 1993995

Shaft length 391.45, Core thickness 84.60, No./ teeth 19



333058 Armature

Replacing: 10511750

Servicing: 19011507, 19011509, 19011511, 19011512, 19011522, 19011523, 19011524, 19011527, 8200009, 8200022, 8200039, 8200086

Shaft length 197.20, Core thickness 76.20, No./ teeth 20

Armature Parts

Various

Pkg. 5



136846 Spacer

Servicing: 150, 163, 168, 172, 177, 3471150, 3471163, 3471168, 3471171, 3471172, 3471177, 3471390, 3471393, 3471555

ID 17.20, OD 20.90, Height 14.90

Yokes w/magnets

12 Volt



231328 Yoke

Replacing: 10475597

Servicing: PG260, 8000032, 8000321, 9000786, 9000798, 9000819, 9000820, 9000821, 9000822, 9000834, 9000835, 9000850, 9000851

OD/ middle 73.55, Length 50.00/1.969", Brush gear w/o, Magnets w/



232844# Yoke

Replacing: 10476433, 10475996

Servicing: PG260F1, 09000794, 09000801, 9000795, 9000817, 9000824

12 V, OD/ middle 73.00, Length 97.00/3.819", Brush gear w/o, Magnets w/

Field Cases



232402 Field Case

Replacing: 10456473

Servicing: 28MT, 10479604, 10479606, 10479607, 10479613, 10479615, 10479617, 10479618, 10479619, 10479620, 10479628, 1113269

12 V, OD/ middle 90.30, Length 140.90, Brush gear w/o, Magnets w/o
Field coil only: HC-CARGO 134836.



232403 Field Case

Replacing: 10457118

Servicing: 28MT, 10479600, 10479605, 10479608, 10479611, 10479612, 10479616, 10479623, 1113272, 1113277, 1113291

24 V, OD/ middle 90.60, Length 105.35, Brush gear w/o, Magnets w/o
Field coil only: HC-CARGO 135610.


235698 Field Case

Servicing: 19011506, 19011508, 19011510, 19011513, 19011514, 19011515, 19011516, 19011517, 19011518, 19011519, 19011521, 19011525


237832 Yoke

Servicing: 19011501, 19011507, 19011509, 19011511, 19011512, 19011522, 19011523, 19011524, 19011527, 19024196, 8200009, 8200022

24 V, 6.2 kW, OD/ middle 105.30, Length 108.20, Rotation CR, Magnets w/o

Field Coils


232868# Field Coil

Replacing: 1945916

Servicing: 50MT, 10478851, 10478854, 10478858, 10478874, 10478876, 10478885, 10479002, 1109220, 1109224, 1109275, 1109277, 1109278
24/32 V, Height 159.60, Width 341.00, Internal height 131.40, Inner width 27.40, Rotation CR
Terminal: HC-CARGO 230797.


232879# Field Coil

Replacing: 1852026

Servicing: 35MT, 1113393, 1113400, 1113403, 1113405, 1113406, 1113407, 1113414, 1113415, 1113416, 1113417, 1113418, 1113420
20/24 V, Height 157.00, Width 275.30, Internal height 110.30, Inner width 33.00

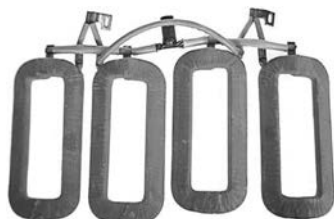
12 Volt


131123# Field Coil

Replacing: 3471879, 3471565

Servicing: 163, 177, 3471150, 3471157, 3471159, 3471163, 3471168, 3471171, 3471177, 3471390

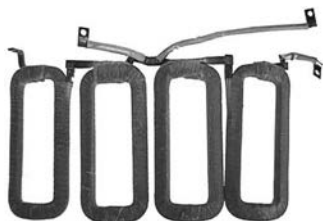
12 V, 0.7 kW, Height 80.40, Width 186.40, Internal height 49.20, Inner width 25.35


131366 Field Coil

Replacing: 1988111

Servicing: 42MT, 10478801, 10478802, 10478803, 10478804, 10478809, 10478810, 10478824, 10478894, 10478918, 10478931, 10478932

12 V, Internal height 110.45, Inner width 33.90


132392 Field Coil

Replacing: 1960853

Servicing: 20MT, 25MT, 1107556, 1107573, 1107574, 1107577, 1107587, 1107588, 1107598, 1107599, 1107863, 1107866, 1107867, 1107868

12 V, Height 137.35, Width 249.15, Internal height 99.80, Inner width 31.70


132691 Field Coil

Replacing: d4264, d4227, d4223, 1977306, 1976129, 1965730, 1965048, 1877306, 10496643, 10470770

Servicing: 10MT, 10455300, 10455301, 10455305, 10455306, 10455308, 10455309, 10455310, 10455311, 10455312, 10455314, 10455315

12 V, Height 104.70, Width 252.45, Internal height 65.20, Inner width 31.65


132692# Field Coil

Replacing: 1957375

Servicing: 10MT, 10455304, 10455355, 1107203, 1108421, 1998281

12 V, Height 87.85, Width 236.00, Internal height 54.30, Inner width 33.20
High torque.


132693# Field Coil

Replacing: d4218, 1945350

Servicing: 30MT, 1113059, 1113089, 1113100, 1113111, 1113112, 1113114, 1113119, 1113121, 1113126, 1113136, 1113138, 1113139

12 V, Height 124.55, Width 295.25, Internal height 77.45, Inner width 36.40


134836# Field Coil

Servicing: 28MT, 10465054, 10479615, 10479621, 1113267, 1113270, 1113273, 1113276, 1113281, 1113282, 1113285, 1113296

12 V, Height 99.55, Width 224.55, Internal height 55.30, Inner width 21.15


135245 Field Coil

Servicing: 150, 163, 168, 172, 3471150, 3471163, 3471168, 3471171, 3471172, 3471390, 3471393

12 V, 0.7 kW, Height 80.25, Width 188.20, Internal height 48.85, Inner width 22.75
Small pole shoe.



135338 Field Coil

Replacing: 1988951, 1986819, 1986457, 1978123, 1956384, 1956348, 1955951, 1891918
 Servicing: 20MT, 27MT, 1107506, 1107508, 1107509, 1107510, 1107511, 1107512, 1107514, 1107516, 1107517, 1107518, 1107519, 1107520
 12 V, Height 130.40, Width 243.90, Internal height 100.90, Inner width 31.85



138136# Field Coil

Replacing: 1891565d, 1891565
 Servicing: 8MT, 10MT, 1107237, 1107247, 1107248, 1107259, 1107260, 1107301, 1107302, 1107306, 1107320, 1107335, 1107370, 1107374
 12 V, Height 90.30, Width 250.85, Internal height 54.50, Inner width 34.30



230428 Field Coil

Replacing: 1893754, 1893277, 10499208
 Servicing: 5MT, 10455004, 10455006, 10455007, 10455016, 10455017, 10455018, 10455019, 10455023, 10455024, 10455055, 10465018
 12 V, Height 88.50, Internal height 62.60, Inner width 25.55



232866# Field Coil

Replacing: 1977661, 1945883
 Servicing: 40MT, 1114059, 1114062, 1114075, 1114093, 1114100, 1114104, 1114106, 1114123, 1114155, 1114177, 1114183, 1114665
 12 V, Height 146.00, Width 282.40, Internal height 110.85, Inner width 34.40, Rotation ACR



232874 Field Coil

Replacing: 1988863
 Servicing: 42MT, 10478968, 10478971, 10478978, 10479007, 1990365, 1990380, 1990395, 1990430, 1990439, 1990442, 1990486, 1990494
 12 V, Height 152.00, Width 306.70, Internal height 110.80, Inner width 34.50, Rotation ACR



235740 Field Coil

Servicing: 19011506, 19011508, 19011510, 19011513, 19011514, 19011515, 19011516, 19011517, 19011518, 19011519, 19011521, 19011525
 12 V, Height 108.50, Internal height 66.05, Inner width 27.50

24 Volt



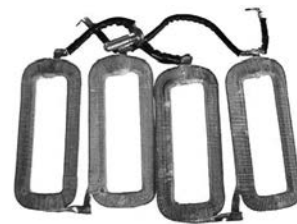
130495 Field Coil

Replacing: 1974929, 1974778, 1971839, 1949109, 1945496, 1945109, 1846926
 Servicing: 40MT, 10461045, 10461046, 10461047, 10461059, 10461060, 1109621, 1113172, 1113386, 1113389, 1113392, 1113396, 1113397
 12/24 V, Height 139.70, Width 261.55, Internal height 110.85, Inner width 33.55



130496 Field Coil

Replacing: 1945853
 Servicing: 50MT, 10478800, 10478843, 10478844, 10478845, 10478846, 10478848, 10478849, 10478850, 10478852, 10478853, 10478855
 24 V, Height 174.65, Width 311.10, Internal height 130.60, Inner width 26.65



130954# Field Coil

Replacing: 1948098, 1948078, 1946386
 Servicing: 35MT, 1113353, 1113366, 1113367, 1113368, 1113370, 1113371, 1113372, 1113373, 1113375, 1113376, 1113377, 1113378
 12/24 V, Height 141.85, Width 285.15, Internal height 110.00



131351 Field Coil

Replacing: 1988442
 Servicing: 42MT, 10461024, 10461025, 10461030, 10461031, 10461043, 10461054, 10461068, 10478820, 10478893, 10478937, 10478938
 24 V, Height 144.60, Width 280.80, Internal height 110.75, Inner width 33.55



131360 Field Coil

Replacing: 1988328
 Servicing: 37MT, 10478864, 1990330, 1990331, 1990332, 1990499, 1993701, 1993702, 1993707, 1993711, 1993723, 1993729, 1993732
 24 V, Height 141.50, Internal height 88.10, Inner width 34.10



135610 Field Coil

Servicing: 28MT, 10461470, 10479613, 10479623, 10479626, 10479627, 1113277, 19024204, DRX67095, DRX67131, DRX67149
 24 V, Height 97.85, Internal height 55.80, Inner width 20.90



232872 Field Coil

Replacing: d4257, 10469230
 Servicing: 37MT, 10478811, 10478814, 10478819, 10478826, 10478960, 10478976, 10479020, 1993901, 1993902, 1993903, 1993905, 1993909
 24 V, Height 143.35,
 Internal height 91.90, Inner width 33.75



232873 Field Coil

Replacing: 1988797
 Servicing: 42MT, 10478836, 10478839, 10478892, 10478979, 10478981, 10479012, 1990381, 1990389, 1990436, 1990447, 1993784, 1993826
 24 V, Height 147.00, Width 282.00,
 Internal height 110.15,
 Inner width 32.80, Rotation ACR



232877 Field Coil

Replacing: 10472563
 Servicing: 37MT, 41MT, 10478815, 10478817, 10478898, 10478925, 10478953, 10478961, 10479013, 10479024, 1993995
 24 V, Height 143.35, Width 292.90,
 Internal height 89.60, Inner width 33.55

C.E. Brackets



133019 C.E. Bracket

Replacing: d4307, 1977031, 1974157, 1941109, 1928966
 Servicing: 10MT, 25MT, 10455300, 10455301, 10455304, 10455305, 10455306, 10455308, 10455309, 10455310, 10455311, 10455312
 w/ bushing. Bushing: HC-CARGO 140181.



138699 C.E. Bracket

Replacing: d4303, 1951603, 1940385
 Servicing: 20MT, 25MT, 1107185, 1107213, 1107218, 1107249, 1107253, 1107279, 1107297, 1107315, 1107336, 1107359, 1107369, 1107383
 w/ bushing.



230409 C.E. Bracket

Replacing: d4313, 10496330, 10467598
 Servicing: 5MT, SD210, SD260, 10455001, 10455006, 10455008, 10455009, 10455012, 10455013, 10455015, 10455024, 10455042, 10455045
 w/ needle bearing.



230410 C.E. Bracket

Replacing: d4310, 1986973, 1978292
 Servicing: 5MT, 10455004, 10455007, 10455010, 10455011, 10455016, 10455017, 10455018, 10455019, 10455020, 10455021, 10455022
 w/ bushing.



230544 C.E. Bracket

Replacing: 1988126, 10496573, 10495156
 Servicing: 42MT, 10461024, 10461025, 10461030, 10461031, 10461043, 10461054, 10461068, 10478801, 10478802, 10478803, 10478809



230780 C.E. Bracket

Replacing: 10457036
 Servicing: 28MT, 10461470, 10479600, 10479604, 10479605, 10479606, 10479607, 10479608, 10479612, 10479613, 10479614, 10479615
 ID 84.00



230781 C.E. Bracket

Replacing: 10456467
 Servicing: 28MT, 10465054, 10479611, 1113267, 1113269, 1113270, 1113295, 1113296
 w/ stud 1/4"-20.



232524 C.E. Bracket

Replacing: 10477932, 10476865, 10475581
 Servicing: PG260M, 9000786, 9000798, 9000819, 9000820, 9000821, 9000822, 9000834, 9000850, 9000851, 9000853, 9000860, 9000866
 ID 71.00
 Drain tube: HC-CARGO 138224.



232530 C.E. Bracket

Replacing: d3339, 10468709
 Servicing: 37MT, 41MT, 10478805, 10478811, 10478812, 10478814, 10478815, 10478817, 10478818, 10478819, 10478925, 10478926
 ID 128.50



232565# C.E. Bracket

Replacing: 1985315

Servicing: 37MT, 41MT, 1990308, 1990309, 1990310, 1990311, 1990312, 1990313, 1990315, 1990316, 1990317, 1990318, 1990319, 1990320

D.E. Brackets



130511 D.E. Bracket

Replacing: 1970455, 1970454, 1969323, 1967454, 1961666, 1957847, 1957846, 1951189, 1949606, 1948452, 1946575

Servicing: 40MT, 50MT, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059, 10461060, 10461061, 10478800, 10478807



133973# D.E. Bracket

Servicing: 155, 3471155, 3471377



134031 D.E. Bracket

Servicing: 150, 168, 172, 3471150, 3471168, 3471172, 3471393



139137# D.E. Bracket

Servicing: 174, 3471170, 3471174, 3471850



139283 D.E. Bracket

Replacing: 1984590, 1984097

Servicing: 10MT, SD300, 10455301, 10455305, 10455306, 10455308, 10455343, 10455603, 10496873, 10496874, 1107781, 1108338, 1108427



139285# D.E. Bracket

Replacing: 1893268

Servicing: 5MT, 1109521, 1109524



230110 D.E. Bracket

Replacing: 830845

Servicing: 10MT, 1108400, 1108755, 1108756, 1109481, 1109486, 1109487, 1109488, 1109489, 1109490, 1109492, 1998317, 1998318



230542 D.E. Bracket

Replacing: 1988779, 1988438, 1988137

Servicing: 42MT, 10461024, 10461025, 10461030, 10461031, 10461043, 10461054, 10461068, 10478803, 10478804, 10478809, 10478810



230570# D.E. Bracket

Replacing: 1962932

Servicing: 10MT, 20MT, 22MT, 10455332, 1107308, 1108508, 1108696, 1109087, 1109422, 1998263, 1998297, 1998349



230571# D.E. Bracket

Replacing: 801227, 1969156, 1964056, 1962814

Servicing: 10MT, 1107293, 1107294, 1107298, 1107299, 1107316, 1107330, 1107354, 1107355, 1107361, 1107389, 1107396, 1107652



230882# D.E. Bracket

Replacing: 1984734, 1978282

Servicing: 5MT, SD200, 10455019, 10455020, 10455022, 10455023, 10455055, 1109530, 1109533, 1109537, 1109556, 1109562, 1109564



230883 D.E. Bracket

Replacing: 1988851, 1986995, 1978851, 1977490

Servicing: 5MT, SD200, 10455016, 1109528, 1109535, 1998427, 1998524


231244 D.E. Bracket

Replacing: 10476793

Servicing: PG260M, 9000798, 9000820, 9000822, 9000850

Needle bearing: HC-CARGO 140242.


231245# D.E. Bracket

Replacing: 10497193, 10457010

Servicing: PG200, -250, 9000719, 9000735, 9000762, 9000768, 9000789

Needle bearing: HC-CARGO 140242.


231246 D.E. Bracket

Replacing: 10476596

Servicing: PG260M, 9000786, 9000819, 9000821, 9000851, 9000860, 9000899

Needle bearing: HC-CARGO 140242.


231737# D.E. Bracket

Replacing: 1963772

Servicing: 10MT, 20MT, 22MT, 10455324, 10455349, 1107335, 1107583, 1107592, 1107874, 1108443, 1108493, 1109418, 1109423, 1109439

Wet clutch.


231739# D.E. Bracket

Replacing: 1962599

Servicing: 10MT, 20MT, 22MT, 25MT, 10455325, 10455326, 10455327, 1107295, 1107875, 1108393, 1108423, 1108501, 1109097, 1109147


231740# D.E. Bracket

Replacing: 1986826

Servicing: 10MT, 20MT, 22MT, 25MT, 10455316, 10455320, 1107194, 1107205, 1107209, 1107229, 1107234, 1107249, 1107268, 1107292


231742 D.E. Bracket

Replacing: 10457026

Servicing: 28MT, 10479605, 10479615, 10479616, 10479617, 10479621, 10479623, 10479634, 1113275, 1113276, 1113277, 1113278, 1113291


231745 D.E. Bracket

Replacing: 10457170, 10457029

Servicing: 28MT, 10479600, 10479606, 10479615, 10479618, 10479629, 1113279, 1113280, 1113281, 1113282, 1113285


231746# D.E. Bracket

Replacing: 10475298, 10475284, 10467736

Servicing: SD210, 10455010, 10455025, 10455048, 10455053, 10455060


231748 D.E. Bracket

Replacing: 10467626, 10456482

Servicing: SD260, 10455013, 10455042, 10455050, 10455070, 10465065

Needle bearing: HC-CARGO 140421.


232050 D.E. Bracket

Replacing: 1970310, 1968122, 1967277, 1965529, 1876881

Servicing: 10MT, SD300, 10455300, 1107237, 1107242, 1107247, 1107248, 1107259, 1107260, 1107266, 1107301, 1107302, 1107306


232493# D.E. Bracket

Replacing: 1966232

Servicing: 10MT, 20MT, SD300, 10455333, 1107377, 1107378, 1108197, 1108693, 1109090, 1109091, 1998266, 1998267

Wet clutch.



232500# D.E. Bracket

Replacing: 1984098

Servicing: 10MT, SD300, 1107289, 1107338, 1107365, 1107388, 1107660, 1107687, 1107694, 1107711, 1107890, 1107892, 1108282, 1108299



232501 D.E. Bracket

Replacing: 1987887

Servicing: 37MT, 10478805, 1990499, 1993756, 1993817, 1993838, 1993862, 1993879, 1993903, 1993919, 1993921, 1993954, 1993956



232531# D.E. Bracket

Replacing: 1986096, 1978850

Servicing: 5MT, SD200, 1109527, 1109534, 1998430, 1998466, 1998527, 1998548



232533# D.E. Bracket

Replacing: 1987662, 1893752

Servicing: 5MT, SD200, 10455007, 10455073, 1109523, 1109544, 1998453, 1998536



232544# D.E. Bracket

Replacing: 10469354

Servicing: 5MT, SD200, 10455044, 10455049



232552# D.E. Bracket

Servicing: PG260F1, 9000833, 9000847, 9000859

Needle bearing: HC-CARGO 140242.



232553# D.E. Bracket

Replacing: 10457142

Servicing: 28MT, 10479614, 1113284



232955# D.E. Bracket

Servicing: PG260F1, 9000839, 9000840



232956# D.E. Bracket

Servicing: PG260F2, 9000841, 9000858



233684# D.E. Bracket

Replacing: 801883

Servicing: 20MT, 22MT, 27MT, 1108694, 1109193, 1109559, 1998287, 1998348, 1998363



233758 D.E. Bracket

Replacing: 10457359

Servicing: 10461470, 10479626, DRX67095, DRX67149

I.M. Brackets



230543 I.M. Bracket

Replacing: 1988998, 1988892, 1988436, 10477832

Servicing: 10461024, 10461025, 10461030, 10461031, 10461043, 10461054, 10461068, 10478802, 10478931, 10478932, 10478933, 10478935

Incl: bushing, seal, brake washer, o-ring, oil wick, oil cup, lever housing.



230678 I.M. Bracket

Replacing: 1962602

Servicing: 10455321, 10455322, 10455324, 10455325, 10455326, 10455331, 10455332, 10455333, 10455500, 1107295, 1107296, 1107297

Wet clutch starters.



230679 I.M. Bracket

Replacing: 820149, 1986468, 10496109

Servicing: 10455317, 10455318, 10455319, 10455327, 10455336, 10455337, 10455339, 1107051, 1107071, 1107146, 1107179, 1107193



230778 I.M. Bracket

Replacing: 10457037

Servicing: 10479600, 10479604, 10479605, 10479606, 10479607, 10479608, 10479612, 10479613, 10479614, 10479615, 10479616, 10479617



230779# I.M. Bracket

Replacing: 10456469

Servicing: 10465054, 10479611, 1113267, 1113269, 1113270, 1113295, 1113296



230818# I.M. Bracket

Replacing: 1979534, 1951069

Servicing: 10461046, 10461047, 10461061, 1113172, 1113353, 1113366, 1113372, 1113375, 1113385, 1113387, 1113393, 1113406, 1113408



230821 I.M. Bracket

Replacing: 1988093, 10473716

Servicing: 10478801, 10478803, 10478804, 10478809, 10478810, 10478824, 10478839, 10478980, 10478986, 10478998, 10479052, 10479053



231105 I.M. Bracket

Replacing: 10456470

Servicing: 10461470, 10465054, 10479600, 10479604, 10479605, 10479606, 10479607, 10479608, 10479611, 10479612, 10479614, 10479615

Dry clutch.



232504# I.M. Bracket

Replacing: 1979870, 1979598, 1953223, 1945857

Servicing: 10478800, 10478807, 10478808, 10478813, 10478827, 10478828, 10478829, 10478830, 10478846, 10478853, 10478862, 10478872



232511# I.M. Bracket

Replacing: 1979434

Servicing: 10461041, 10461045, 10461048, 10461059, 10461060, 1113378, 1113379, 1113384, 1113386, 1113403, 1113407, 1113445

Solenoids

12 Volt



130493 Solenoid

Replacing: f903

12 V, Intermittent load 150 Amp., B+ 5/16" UNF, Kl. 50 10-32 UNF, OD 42.30, Total length 62.30, Height/ B+ 15.00, Width/ kl. 50 10.50, Coil bolt 5/16" UNF, Coil bolt 2 15.00, No./ terminals 4



130499 Solenoid

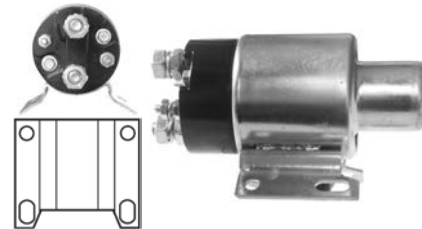
Replacing: d992, d982, d981, d978, d975, d974, d969, d967, d966, d965, d960, d958, d956, d952, d948, d943

Servicing: 10MT, 20MT, 25MT, 27MT, 10455308, 10455309, 10455310, 10455311, 10455322, 10455335, 1107201, 1107203, 1107204, 1107223

12 V, B+ 3/8" UNC, Kl. 15a 8-32 UNC, Kl. 50 8-32 UNC, ID/ cover 31.35, OD 59.80, OD/ cover 65.10,

Total length 122.15, Coil bolt 3/8" UNC, No./ terminals 4

Cap: HC-CARGO 130497.



130500 Solenoid

Replacing: d980, d971, d970, d959, d954, 1119935, 1119933, 1119890, 1119885, 1119882, 1119877, 1119833

Servicing: 30MT, 35MT, 1113059, 1113066, 1113070, 1113075, 1113082, 1113083, 1113087, 1113088, 1113089, 1113090, 1113091, 1113092

12 V, B+ 3/8" UNC, Kl. 15a 8-32 UNC, Kl. 50 10-32 UNF, ID/ cover 32.25, OD 67.15, OD/ cover 62.90,

Total length 152.80, Height/ B+ 18.50, Width/ kl. 15a 15.50,

Width/ kl. 50 11.00, Coil bolt 3/8" UNC, Coil bolt 2 19.50, No./ terminals 4

Insulated return. Cap: HC-CARGO 130498.



131080 Solenoid

Replacing: 19024764

12 V, 50 Amp, Intermittent load 500 Amp., B+ M8, Kl. 50 6.30, OD 39.70, Total length 86.40, Height/ B+ 12.25, Width/ kl. 50 9.55, Coil bolt M8, Coil bolt 2 12.25, Seconds 5, No./ terminals 3


131119 Solenoid

Replacing: dr902, 3471982, 3471741, 3471693

Servicing: 3471143, 3471163

12 V, B+ M8, Kl. 15a 6.30, Kl. 50 6.30, ID/ cover 21.65, OD 51.00, OD/ cover 53.55, Total length 113.40, Height/ B+ 10.45, Width/ kl. 15a 14.20, Width/ kl. 50 14.20, No./ terminals 4
Cap: HC-CARGO 130489. w/o plunger.


131253 Solenoid

Replacing: 19024762

12 V, 60 Amp, Intermittent load 500 Amp., B+ M8, Kl. 50 6.30, OD 39.65, Total length 85.75, Height/ B+ 11.85, Width/ kl. 50 9.85, Coil bolt M8, Coil bolt 2 11.85, Seconds 5, No./ terminals 4


131272 Solenoid

Replacing: dr903, 3491027, 3471977, 3471697

Servicing: 150, 163, 168, 172, 176, 3471150, 3471160, 3471163, 3471168, 3471171, 3471172, 3471176, 3471390, 3471393

12 V, B+ M8, Kl. 50 6.30, OD 51.60, OD/ cover 56.40, Total length 107.60, Height/ B+ 14.45, Width/ kl. 50 15.40, Coil bolt M8, Coil bolt 2 15.30, No./ terminals 4

Cap: HC-CARGO 133180. w/o plunger.


131273 Solenoid

Replacing: dr904, 3471979, 3471929, 3471725

Servicing: 155, 169, 173, 174, 3471155, 3471162, 3471169, 3471170, 3471173, 3471174, 3471377, 3471850

12 V, B+ M8, Kl. 50 6.30, OD 51.15, OD/ cover 54.45, Total length 107.25, Height/ B+ 15.80, Coil bolt M8, Coil bolt 2 15.80, No./ terminals 3
Cap: HC-CARGO 133181.


131356 Solenoid

Replacing: 1115591

Servicing: 37MT, 1990308, 1990319, 1990341

12 V, B+ 1/2" UNC, Kl. 50 10-32 UNF, ID/ cover 32.40, OD 68.55, OD/ cover 76.80, Total length 177.95, Coil bolt 3/8" UNC, No./ terminals 3
Motor terminal: 3/8"-16. Cap: HC-CARGO 137810.


131363 Solenoid

Replacing: 1119879, 1119853, 1115575, 1115565, 1115556

Servicing: 40MT, 50MT, 10461041, 10461045, 10461046, 10461048, 10461059, 10461060, 10461061, 10478813, 10478877, 10478881

12 V, B+ 1/2" UNC, Kl. 15a 10-32 UNF, Kl. 50 10-32 UNF, OD 74.60, Total length 201.00, Height/ B+ 28.00, Width/ kl. 15a 9.00, Width/ kl. 50 9.00, Coil bolt 1/2" UNC, Coil bolt 2 18.00, No./ terminals 4

Insulated return. Square type. Cap: HC-CARGO 131367.


131369 Solenoid

Replacing: 1115645, 1115593

Servicing: 42MT, 10478801, 10478802, 10478803, 10478804, 10478810, 10478894, 10478962, 10478964, 10478966, 10478967, 10478978

12 V, B+ 1/2" UNC, Kl. 15a 10-32 UNF, Kl. 50 10-32 UNF, OD 68.80, OD/ cover 78.10, Total length 177.80, Height/ B+ 26.00, Width/ kl. 15a 12.50, Width/ kl. 50 12.50, Coil bolt 1/2" UNC, Coil bolt 2 17.50, No./ terminals 4
Insulated return. Cap: HC-CARGO 135324.
Solenoid w/ plunger: HC-CARGO 234476.


131370 Solenoid

Replacing: 19024758

12 V, 80 Amp, Intermittent load 500 Amp., B+ M8, Kl. 50 6.30, OD 52.10, OD/ cover 45.20, Total length 101.75, Height/ B+ 17.50, Width/ kl. 50 10.65, Coil bolt M8, Coil bolt 2 17.50, Seconds 5, No./ terminals 4

Water proof. Silver contact. Insulated return.

Alternative no.: 333160


131373Z Solenoid

Replacing: 19024761

12 V, 150 Amp, Intermittent load 800 Amp., B+ M8, Kl. 15a 6.30, Kl. 50 6.30, OD 52.17, OD/ cover 43.36, Total length 102.10, Height/ B+ 17.34, Coil bolt M8, Coil bolt 2 17.34, Seconds 5, No./ terminals 4

Silver contact.

Alternative no.: 333153 , 131373


131590 Solenoid

Replacing: d994, d991, d987, d984, d913a, 1114571, 1114569, 1114566, 1114564, 1114562, 1114557, 1114531

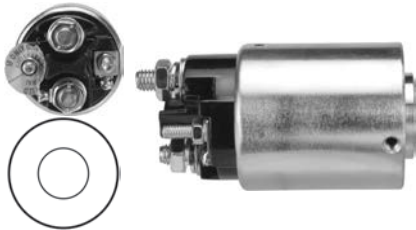
Servicing: 5MT, 22MT, 10455001, 10455004, 10455006, 10455007, 10455008, 10455009, 10455015, 10455016, 10455017, 10455018, 10455019

12 V, B+ 3/8" UNC, Kl. 15a 10-32 UNF, Kl. 50 10-32 UNF, ID/ cover 28.50, OD 59.90, OD/ cover 65.55,

Total length 105.25, Height/ B+ 14.50, Width/ kl. 15a 10.00,

Width/ kl. 50 10.00, Coil bolt 3/8" UNC, No./ terminals 4

Insulated return. Cap: HC-CARGO 137809.


132944 Solenoid

Replacing: d936a, d922a, 10497275, 10468962, 10467421

Servicing: PG100, 150, 09000756, 21020892, 21020893, 21021366, 21021648, 9000719, 9000735, 9000751, 9000758, 9000762, 9000763

12 V, B+ M8, Kl. 50 M6, ID/ cover 24.10, OD 51.40, OD/ cover 44.35,

Total length 93.40, Height/ B+ 16.50, Width/ kl. 50 10.00, Coil bolt M8,

Coil bolt 2 17.85, No./ terminals 3

Insulated return. Cap: HC-CARGO 139429.

Moving contact: HC-CARGO 139430.


133852 Solenoid

Replacing: d930a, 10457055

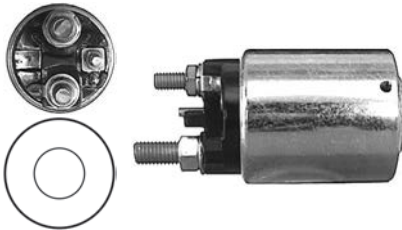
Servicing: 28MT, 10479604, 10479613, 10479615, 10479619, 10479621, 1113273, 1113274, 1113275, 1113276, 1113278, 1113279, 1113280

12 V, B+ M10, Kl. 50 M5, OD 57.00, OD/ cover 57.00, Total length 175.00,

Height/ B+ 16.50, Width/ kl. 50 7.50, Coil bolt M8, Coil bolt 2 11.00,

No./ terminals 3

Cap: HC-CARGO 134841. Terminal switch: M5.


135461 Solenoid

Servicing: PG200PMGR, PG250PMGR, 9000762, 9000768, 9000796

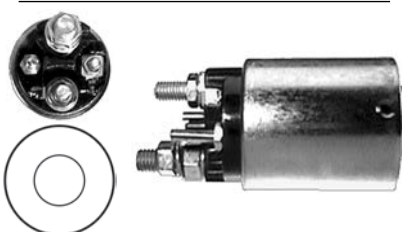
12 V, B+ M10, Kl. 50 M5, ID/ cover 24.30, OD 51.30,

OD/ cover 44.60, Total length 104.85, Height/ B+ 25.90, Width/ kl. 50 15.65,

Coil bolt M8, Coil bolt 2 18.40,

No./ terminals 3

Cap: HC-CARGO 139432.


137339 Solenoid

Replacing: 1114581, 1114580, 10467985

Servicing: PG200, -250

12 V, B+ M10, Kl. 15a M5,

Kl. 50 M5, ID/ cover 24.50, OD 51.40, OD/ cover 44.30, Total length 100.20,

Height/ B+ 20.00, Width/ kl. 15a 11.50,

Width/ kl. 50 12.50, Coil bolt M8,

Coil bolt 2 13.00, No./ terminals 4

Cap: HC-CARGO 233820.


137370 Solenoid

Replacing: 1114583

Servicing: PG260F1, PG260M, 9000820, 9000821, 9000822, 9000840, 9000850, 9000879, 9000884, 9000885, 9000895, 9000899

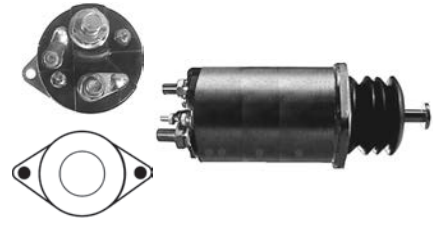
12 V, B+ M8, Kl. 15a M5, Kl. 50 M5, OD 52.50, Total length 123.90,

Height/ B+ 16.00, Width/ kl. 15a 11.00,

Width/ kl. 50 11.00, Coil bolt M8,

Coil bolt 2 16.00, No./ terminals 4

Cap: HC-CARGO 232226.


137811 Solenoid

Replacing: 10456454

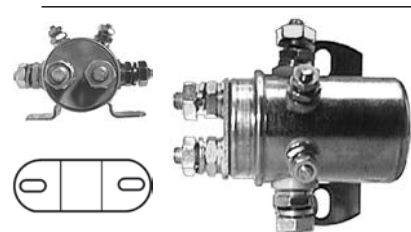
Servicing: 28MT, 10465054, 1113267, 1113269, 1113270, 1113295, 1113296

12 V, B+ M10, Kl. 50 M4, OD 56.90, OD/ cover 57.20, Total length 174.00,

Height/ B+ 16.00, Width/ kl. 50 8.00, Coil bolt M8, Coil bolt 2 11.00,

No./ terminals 3

Cap: HC-CARGO 137824.


138068 Solenoid

Replacing: 1114534, 1114223

12 V, 200 Amp,

Intermittent load 900 Amp., B+ 5/16" UNF, Kl. 50 10-32 UNF, OD 42.00,

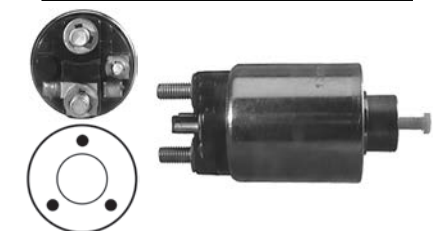
Total length 89.35, Height/ B+ 12.00,

Width/ kl. 50 8.00, Coil bolt 5/16" UNF,

Coil bolt 2 12.00, Seconds 5,

No./ terminals 6

Silver contact.


138217 Solenoid

Replacing: 1114587, 10475654, 10475646

Servicing: PG260, 10455513, 10455515, 22506694, 8000180, 9000775, 9000786, 9000798, 9000805, 9000806, 9000812, 9000819, 9000820

12 V, B+ M8, Kl. 50 M5, OD 52.50,

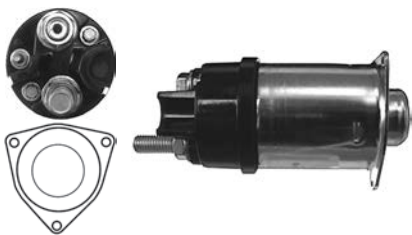
OD/ cover 46.40, Total length 124.20,

Height/ B+ 16.50, Width/ kl. 50 10.50,

Coil bolt M8, Coil bolt 2 16.50,

No./ terminals 3

Cap: HC-CARGO 138409. Moving contact: HC-CARGO 138410.


139209 Solenoid

Replacing: d904a, 1115613, 1115609

Servicing: 37MT, 10478806, 10479036, 10479068, 1990309, 1990310, 1990313, 1990315, 1990316, 1990317, 1990320, 1990498, 1993705

 12 V, B+ 1/2" UNC, KI. 50 10-32 UNF, ID/ cover 32.00, OD 68.75, OD/ cover 77.40, Total length 179.00, Height/ B+ 26.00, Coil bolt 1/2" UNC, No./ terminals 3
 Cap: HC-CARGO232014.

231912 Solenoid

Replacing: 1115598

Servicing: 42MT, 10478918, 10478965, 10478977, 10478984, 10478985, 10478991, 10479003, 1990369, 1990374, 1990380, 1990396, 1990401

 12 V, B+ 1/2" UNC, KI. 15a 10-32 UNF, KI. 50 10-32 UNF, ID/ cover 31.80, OD 69.15, OD/ cover 76.10, Total length 176.80, Coil bolt 1/2" UNC, No./ terminals 4
 Insulated return. Cap: HC-CARGO 232032.

231913 Solenoid

Replacing: d917a, 1115623

Servicing: 37MT, 10478805, 10478927, 10478928, 10478929, 10478930, 10478957, 10479014, 10479015, 10479034, 10479054, 1993851

 12 V, B+ 1/2" UNC, KI. 15a 10-32 UNF, KI. 50 10-32 UNF, ID/ cover 32.35, OD 69.00, OD/ cover 70.25, Total length 176.45, Width/ kl. 15a 11.70, Width/ kl. 50 15.95, Coil bolt 1/2" UNC, Coil bolt 2 9.15, No./ terminals 4
 Cap: HC-CARGO 232025.

231914 Solenoid

Replacing: 1115610

 Servicing: 37MT, 1993767, 1993854
 12 V, B+ 1/2" UNC, KI. 50 10-32 UNF, ID/ cover 32.25, OD 68.85, OD/ cover 76.40, Total length 177.65, Coil bolt 1/2" UNC, No./ terminals 3
 Cap: HC-CARGO 232028.

231915 Solenoid

Replacing: d905a, 1115612

Servicing: 37MT, 1993790, 1993791, 1993792, 1993793, 1993799, 1993800, 1993818, 1993854

 12 V, B+ 3/8" UNC, KI. 50 10-32 UNF, OD 68.50, OD/ cover 76.30, Total length 170.00, Height/ B+ 19.50, Width/ kl. 50 9.00, Coil bolt 1/2" UNC, Coil bolt 2 3.00, No./ terminals 3
 Cap: HC-CARGO 232029.

231916 Solenoid

Replacing: d923a, 1115618

Servicing: 37MT, 10461169, 10478953, 10479035, 10479069, 1993947, 1993969, 1993970, 1993974, 1993997

 12 V, B+ 1/2" UNC, KI. 15a 10-32 UNF, KI. 50 10-32 UNF, ID/ cover 32.35, OD 68.85, OD/ cover 76.45, Total length 178.00, Width/ kl. 15a 15.25, Width/ kl. 50 15.70, Coil bolt 1/2" UNC, Coil bolt 2 10.50, No./ terminals 4
 Insulated return. Cap: HC-CARGO 232030.

231917 Solenoid

Replacing: d918a, 1115624

Servicing: 42MT, 10478931, 10478932, 10478933, 10478934, 10478935, 10478936, 10478951, 10478987, 10479004, 10479005, 10479006

 12 V, B+ 1/2" UNC, KI. 15a 10-32 UNF, KI. 50 10-32 UNF, ID/ cover 32.80, OD 68.00, OD/ cover 76.30, Total length 178.35, Coil bolt 1/2" UNC, No./ terminals 4
 Insulated return. Jump start protection cap.
 Cap: HC-CARGO 232031.

231921 Solenoid

Replacing: d942a, 1115643

Servicing: 37MT, 10478890, 10478921

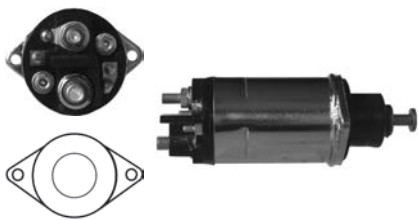
 12 V, B+ 1/2" UNC, KI. 15a 10-32 UNF, KI. 50 10-32 UNF, ID/ cover 32.80, OD 68.90, OD/ cover 76.50, Total length 183.00, Coil bolt 1/2" UNC, Coil bolt 2 10.50, No./ terminals 4
 Insulated return. Cap: HC-CARGO 232035.

231925 Solenoid

Replacing: d924a, 1115617

Servicing: 37MT, 1993866, 1993971

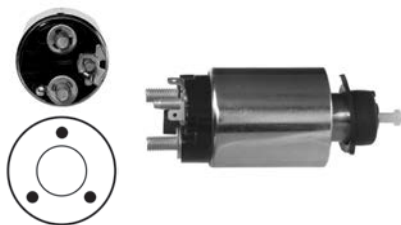
 12 V, B+ 1/2" UNC, KI. 15a 10-32 UNF, KI. 50 10-32 UNF, ID/ cover 32.20, OD 68.75, OD/ cover 76.20, Total length 179.00, Coil bolt 1/2" UNC, Coil bolt 2 11.00, No./ terminals 4
 Insulated return. Cap: HC-CARGO 232038.


231927 Solenoid

Replacing: d937a, 10478614, 10457601, 10457151, 10457061

Servicing: 28MT, 10479606, 10479607, 10479613, 10479614, 10479615, 10479617, 10479618, 10479620, 10479628, 10479648, 1113271

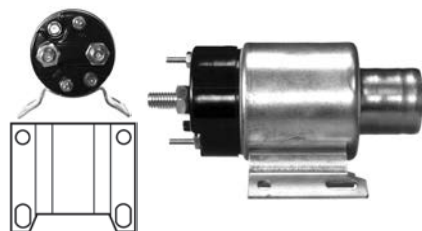
12 V, B+ M10, KI. 15a M5, KI. 50 M5, OD 57.00, OD/ cover 56.75, Total length 174.50, Height/ B+ 16.00, Width/ kl. 15a 10.00, Width/ kl. 50 7.00, Coil bolt M8, Coil bolt 2 15.75, No./ terminals 4
Relay terminal: M5.


231929 Solenoid

Replacing: 10482844, 10476117

Servicing: PG150S, 10455506, 21020761, 9000794, 9000795, 9000817, 9000824, 96208781, 96208782, 96208785

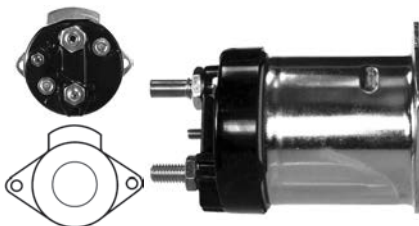
12 V, B+ M8, KI. 50 M6, ID/ cover 25.15, OD 51.35, OD/ cover 49.50, Total length 127.00, Height/ B+ 15.30, Width/ kl. 50 10.00, Coil bolt M8, Coil bolt 2 14.50, No./ terminals 3
Cap: HC-CARGO 232052.


232218 Solenoid

Replacing: 1115584, 1115541, 1115530

Servicing: 35MT ext. rotatable, 1113389, 1113391, 1113392, 1113396, 1113397, 1113399, 1113400, 1113401, 1113404, 1113405, 1113412

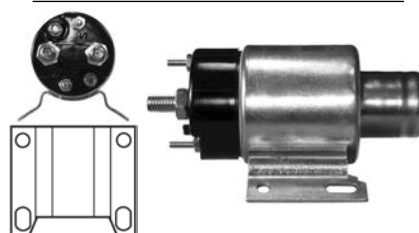
12 V, B+ 3/8" UNC, KI. 15a 8-32 UNC, KI. 50 8-32 UNC, ID/ cover 32.20, OD 66.00, OD/ cover 62.15, Total length 148.50, Height/ B+ 13.00, Width/ kl. 15a 13.50, Width/ kl. 50 10.50, Coil bolt 3/8" UNC, Coil bolt 2 15.50, No./ terminals 4
Insulated return. Cap: HC-CARGO 232217.


232219 Solenoid

Replacing: d946a, 1114584, 1114576

Servicing: SD205, -255, 10455010, 10455011, 10455012, 10455013, 10455025, 10455026, 10455042, 10455047, 10455048, 10455051

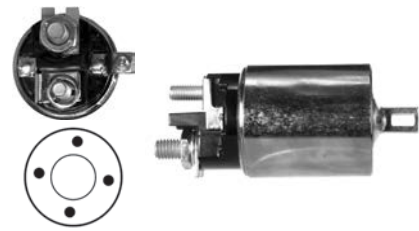
12 V, B+ M8, KI. 50 M5, ID/ cover 28.45, OD 59.40, OD/ cover 65.80, Total length 105.50, Height/ B+ 15.00, Width/ kl. 50 10.00, Coil bolt 16.25, No./ terminals 3


232221 Solenoid

Replacing: d985, d953, 1119883, 1115582, 1115537

Servicing: 30MT, 1113001, 1113006, 1113034, 1113038, 1113040, 1113049, 1113050, 1113052, 1113053, 1113056, 1113081, 1113104

12 V, B+ 3/8" UNC, KI. 15a 8-32 UNC, KI. 50 8-32 UNC, ID/ cover 32.05, OD 66.30, OD/ cover 62.15, Total length 148.00, Height/ B+ 13.00, Width/ kl. 15a 14.00, Width/ kl. 50 10.50, Coil bolt 3/8" UNC, Coil bolt 2 15.00, No./ terminals 4
Cap: HC-CARGO 232222.


233133[#] Solenoid

Replacing: 10498715

Servicing: 10455706, 10465038, 1998518, 1998545

12 V, B+ M10, KI. 50 M5, ID/ cover 22.40, OD 51.30, OD/ cover 45.00, Total length 136.00, Height/ B+ 17.50, Width/ kl. 50 15.00, Coil bolt M8, Coil bolt 2 13.00, No./ terminals 3


233762 Solenoid

Servicing: 10455503, 96275481

12 V, B+ M8, KI. 50 M6, ID/ cover 24.90, OD 52.40, OD/ cover 45.55, Total length 128.60, Height/ B+ 13.20, Width/ kl. 50 9.70, Coil bolt M8, Coil bolt 2 12.95, No./ terminals 3


234476 Solenoid

Replacing: 1115712, 1115701

Servicing: 42MT

12 V, B+ 1/2" UNC, KI. 15a 10-32 UNF, KI. 50 10-32 UNF, OD 69.00, OD/ cover 77.30, Total length 248.00, Height/ B+ 37.40, Width/ kl. 15a 17.65, Width/ kl. 50 16.60, Coil bolt 1/2" UNC, Coil bolt 2 28.50, No./ terminals 4
Insulated return. Cap: HC-CARGO 135324.


235006 Solenoid

Replacing: 1114582, 1114578, 10469039

Servicing: 10455010, 10455011, 10455012, 10455013, 10455025, 10455026, 10455042, 10455047, 10455048, 10455051, 10455053, 10455054

12 V, No./ terminals 3


235167 Solenoid

Servicing: 00e091, 110397, 112161, cer3087

12 V, B+ M8, KI. 50 M5, OD 55.48, Total length 135.00, Height/ B+ 19.06, Coil bolt M8, Coil bolt 2 19.00, No./ terminals 3
Cap: HC-CARGO 235403.


235609 Solenoid

Replacing: 10511408

Servicing: 10461334, 10461753, 10461755, 10461757, 10461760, 10461773, 10461777, 19011505, 19011506, 19011508, 19011510, 19011513

12 V, B+ M12, Kl. 50 M5, OD 63.90, OD/ cover 63.90, Total length 218.00, Height/ B+ 32.50, Width/ kl. 50 12.80, Coil bolt M8, Coil bolt 2 23.00, No./ terminals 3


236315 Solenoid

Servicing: 110566

12 V, B+ M8, Kl. 50 6.30, OD 55.40, OD/ cover 53.00, Total length 133.88, Switch dim. 7.50, Height/ B+ 14.00, Coil bolt M8, Coil bolt 2 13.00, No./ terminals 3


238373 Solenoid

Servicing: 111089

12 V, B+ M8, Kl. 50 M6-6.30, OD 52.36, OD/ cover 50.55, Total length 108.54, Switch dim. 6.50, Height/ B+ 13.00, Coil bolt M8, Coil bolt 2 13.00, No./ terminals 3


238620 Solenoid

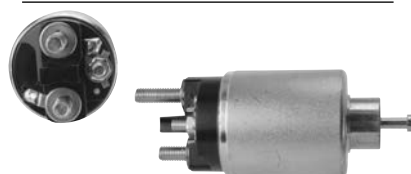
Servicing: 8000321, 9000936, 9000952, 9000965, 96450663, 96550792, 96569440, 96843574

12 V, B+ M8, Kl. 50 M6, OD 52.60, OD/ cover 49.90, Total length 120.75, Switch dim. 14.66, Height/ B+ 14.48, Width/ kl. 50 8.50, Coil bolt M8, Coil bolt 2 14.00, No./ terminals 3


239321 Solenoid

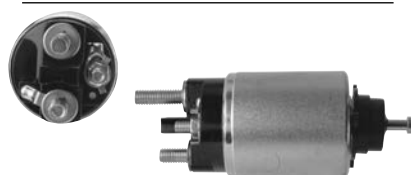
Servicing: 112816, 112847

12 V, B+ M8, Kl. 50 6.30, OD 52.55, Total length 120.40, Height/ B+ 15.00, Coil bolt M8, Coil bolt 2 14.00, No./ terminals 3


330380 Solenoid

Servicing: 8000032

12 V, B+ M8, Kl. 50 M6, OD 52.56, OD/ cover 46.71, Total length 132.04, Height/ B+ 23.78, Width/ kl. 50 10.07, Coil bolt M8, Coil bolt 2 14.41, No./ terminals 3


330657 Solenoid

Servicing: 8000048

12 V, B+ M8, Kl. 50 M6, OD 52.50, Total length 132.80, Height/ B+ 17.64, Width/ kl. 50 16.00, Coil bolt M8, Coil bolt 2 14.10, No./ terminals 3


333153 Solenoid

Manufacturer: Bosch

Replacing: 19024761

 12 V, 150 Amp, Intermittent load 800 Amp., B+ M8, OD 51.75, OD/ cover 44.00, Total length 100.15, Height/ B+ 17.75, Coil bolt M8, Coil bolt 2 17.75, Seconds 5, No./ terminals 4
 Silver contact. Insulated return.
 Alternative no.: 131373, 131373Z

24 Volt

130492 Solenoid

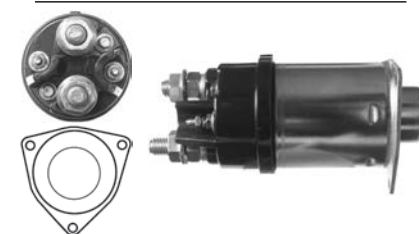
Replacing: 19024765

24 V, 50 Amp, Intermittent load 500 Amp., B+ M8, Kl. 50 6.30, OD 40.00, Total length 85.00, Height/ B+ 11.30, Width/ kl. 50 10.50, Coil bolt M8, Coil bolt 2 11.30, Seconds 5, No./ terminals 3


131254 Solenoid

Replacing: 19024763

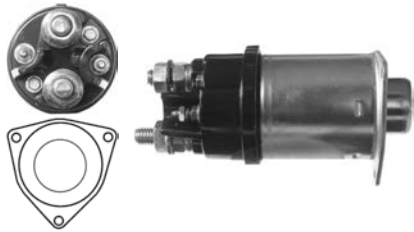
24 V, 50 Amp, Intermittent load 500 Amp., B+ M8, Kl. 50 6.30, OD 39.70, Total length 86.30, Height/ B+ 11.80, Width/ kl. 50 9.80, Coil bolt M8, Coil bolt 2 11.80, Seconds 5, No./ terminals 4


131349 Solenoid

Replacing: 1115608, 1115601, 1115595

Servicing: 42MT, 10461024, 10461025, 10461030, 10461031, 10461043, 10461054, 10461068, 10478820, 10478839, 10478980, 10478981

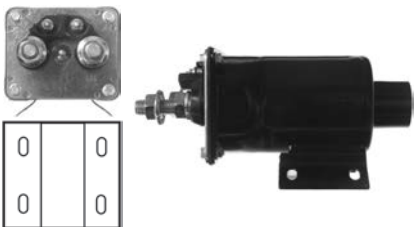
 24 V, B+ 1/2" UNC, Kl. 15a 10-32 UNF, Kl. 50 10-32 UNF, OD 69.45, OD/ cover 77.00, Total length 159.55, Coil bolt 1/2" UNC, No./ terminals 4
 Insulated return. Cap: HC-CARGO 135323.
 Solenoid w/ plunger: HC-CARGO 233873.


131361 Solenoid

Replacing: 1115605, 1115604, 1115594

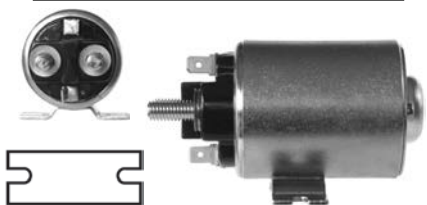
Servicing: 37MT, 1990330, 1990331, 1990332, 1990499, 1993701, 1993702, 1993707, 1993711, 1993729, 1993732, 1993741, 1993742

24 V, B+ 1/2" UNC, Kl. 15a 10-32 UNF, Kl. 50 10-32 UNF, ID/ cover 33.20, OD 68.75, OD/ cover 77.15, Total length 176.80, Coil bolt 1/2" UNC, No./ terminals 4

Insulated return. Cap: HC-CARGO 135323.

131364 Solenoid

Replacing: 1119832, 1115607, 1115576, 1115559, 1115557, 1115548, 1115547, 1115544, 1115526

Servicing: 40MT, 50MT, 10461047, 10478846, 10478848, 10478850, 10478851, 10478852, 10478853, 10478855, 10478856, 10478859

 24 V, B+ 1/2" UNC, Kl. 15a 10-32 UNF, Kl. 50 10-32 UNF, ID/ cover 31.00, OD 74.40, Total length 201.75, Coil bolt 1/2" UNC, No./ terminals 4
Insulated return. Cap: HC-CARGO 131368.

131371 Solenoid

Replacing: 19024759

 24 V, 80 Amp, Intermittent load 500 Amp., B+ M8, OD 51.70, OD/ cover 43.45, Total length 99.60, Height/ B+ 17.35, Coil bolt M8, Coil bolt 2 17.35, Seconds 5, No./ terminals 4
Silver contact. Insulated return.

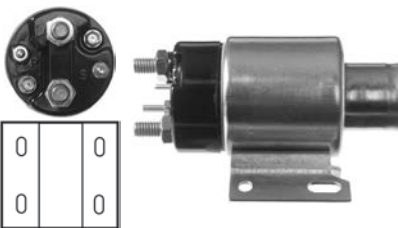
Alternative no.: 333156


131372Z Solenoid

Replacing: 19024760

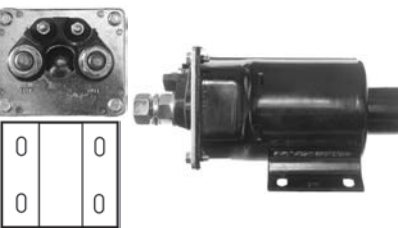
 24 V, 150 Amp, Intermittent load 800 Amp., B+ M8, OD 52.01, OD/ cover 50.22, Total length 102.48, Height/ B+ 17.91, Coil bolt 4.00, Seconds 5, No./ terminals 4
Silver contacts.

Alternative no.: 333152


132696 Solenoid

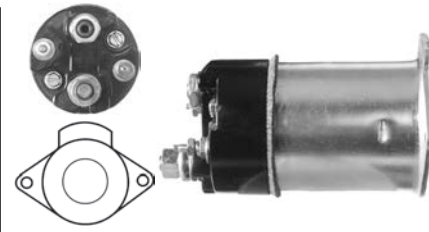
Replacing: 1119988, 1119888, 1119858, 1119855, 1115583, 1115543, 1115513, 1115512, 1114322

Servicing: 30MT, 1107607, 1108128, 1108151, 1108629, 1108652, 1108668, 1109758, 1109996, 1113135, 1113148, 1113162, 1113163

 24 V, B+ 3/8" UNC, Kl. 15a 8-32 UNC, Kl. 50 8-32 UNC, ID/ cover 32.10, OD 66.30, OD/ cover 62.00, Total length 147.30, Height/ B+ 12.00, Width/ kl. 15a 13.50, Width/ kl. 50 10.50, Coil bolt 3/8" UNC, Coil bolt 2 14.50, No./ terminals 4
Insulated return. Cap: HC-CARGO 232216.

133060 Solenoid

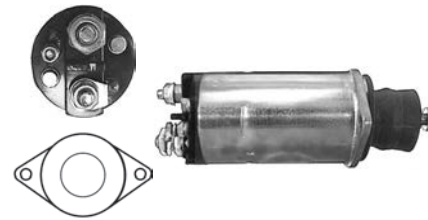
Replacing: 1119878, 1119872, 1115564, 1115563, 1115558, 1115555, 1115517

Servicing: 40MT, 1109773, 1109831, 1109973, 1109983, 1113371, 1113372, 1113375, 1113546, 1113587, 1113953, 1113984, 1114740

 24 V, B+ 1/2" UNC, Kl. 15a 10-32 UNF, Kl. 50 10-32 UNF, OD 75.85, Total length 201.00, Coil bolt 1/2" UNC, No./ terminals 4
Cap: HC-CARGO 131368. w/ reverse terminal. Insulated return. Square silver contacts.

133814 Solenoid

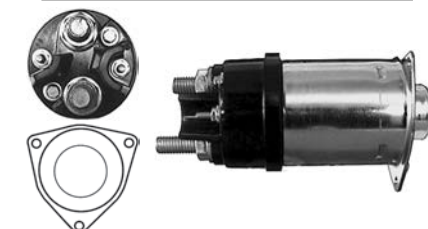
Replacing: 1114373, 1114338, 1114327, 1114298, 1114293

Servicing: 22MT, 27MT, 1107555, 1107559, 1107572, 1108250, 1109140, 1113591, 1113594, 1113596, 1113600, 1998351, 1998409, 1998426

 24 V, B+ M10, Kl. 15a M5, Kl. 50 M4, ID/ cover 31.15, OD 60.85, OD/ cover 62.30, Total length 121.30, Height/ B+ 18.15, Width/ kl. 15a 17.00, Width/ kl. 50 13.30, Coil bolt M10, Coil bolt 2 6.40, No./ terminals 4
Isolated bottom.

135521 Solenoid

Replacing: 10457116

Servicing: 28MT, 10479605, 10479612, 10479623, 1113277, 1113291

 24 V, B+ M10, Kl. 50 M5, OD 57.00, OD/ cover 56.70, Total length 177.50, Height/ B+ 14.00, Width/ kl. 50 6.50, Coil bolt M8, Coil bolt 2 12.50, No./ terminals 3
Cap: HC-CARGO 138898. Terminal switch: M5.

139337 Solenoid

Replacing: d903a, 1115600, 1115597

Servicing: 42MT, 10478836, 10478892, 10478893, 10478979, 1990381, 1990411, 1990414, 1990416, 1993822, 1993827, 1993996, 1993998

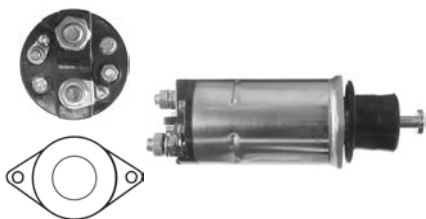
 24 V, B+ 1/2" UNC, Kl. 15a 10-32 UNF, Kl. 50 10-32 UNF, ID/ cover 31.60, OD 68.65, OD/ cover 76.25, Total length 180.00, Width/ kl. 15a 13.65, Width/ kl. 50 13.65, Coil bolt 1/2" UNC, No./ terminals 4
Insulated return. Cap: HC-CARGO 232034.


230198 Solenoid

Replacing: d931a, d915a, 1115640, 1115621, 1115619

Servicing: 37MT, 10478814, 10478817, 10478925, 1993901, 1993902, 1993903, 1993905, 1993909, 1993910, 1993911, 1993914, 1993919

24 V, B+ 1/2" UNC, Kl. 50 10-32 UNF, ID/ cover 32.15, OD 68.80, OD/ cover 76.20, Total length 178.55, Width/ kl. 50 15.85, Coil bolt 1/2" UNC, Coil bolt 2 10.60, No./ terminals 3
 Cap: HC-CARGO 232026. Silver contact.
 Plunger: HC-CARGO 133022.


231251 Solenoid

Replacing: 10457152, 10457115

Servicing: 28MT, 10479600, 10479608, 10479616, 10479629, 1113272

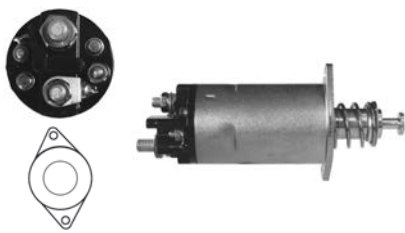
24 V, B+ M10, Kl. 15a M5, Kl. 50 M5, OD 57.00, OD/ cover 56.85, Total length 183.40, Height/ B+ 16.00, Width/ kl. 15a 10.00, Width/ kl. 50 7.50, Coil bolt M8, Coil bolt 2 11.00, No./ terminals 4
 Cap: HC-CARGO 233461. Silver contact.
 Dummy terminal: M5. Relay terminal: M5.


231800 Solenoid

Replacing: 10457368

Servicing: 28MT, 10461470, 10479626, DRX67095, DRX67149

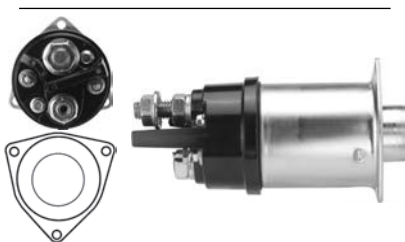
24 V, B+ M10, Kl. 15a M6, Kl. 50 M5, OD 58.00, OD/ cover 59.35, Total length 194.00, Height/ B+ 28.00, Width/ kl. 15a 10.00, Width/ kl. 50 8.00, Coil bolt M8, Coil bolt 2 14.00, No./ terminals 4
 Relay terminal: M5.


231819 Solenoid

Replacing: 10457369

Servicing: 28MT, 10479627, 19024204, drx67131

24 V, B+ M10, Kl. 15a M6, Kl. 50 M5, OD 57.05, OD/ cover 57.20, Total length 188.80, Height/ B+ 22.50, Width/ kl. 15a 11.00, Width/ kl. 50 9.50, Coil bolt M8, Coil bolt 2 13.50, No./ terminals 4
 Relay terminal: M5. Cap: HC-CARGO 232203.


231919 Solenoid

Replacing: d921a, d916a, 1115627, 1115622

Servicing: 10478811, 10478819, 10478960, 10478976, 10479020, 1993917, 1993918, 1993920, 1993921, 1993930, 1993953, 1993954

24 V, B+ 1/2" UNC, Kl. 15a 10-32 UNF, Kl. 50 10-32 UNF, ID/ cover 32.60, OD 68.85, OD/ cover 77.40, Total length 178.00, Width/ kl. 50 17.30, Coil bolt 1/2" UNC, Coil bolt 2 16.00, No./ terminals 4
 Dummy terminal: 10-32. Jump start sheath. Silver contacts. Cover: HC-CARGO 232,027th
 Coil Resistance: Suction Pole = 0.635 Team
 Coil = 3.150


231920 Solenoid

Replacing: d919a, 1115625

Servicing: 42MT, 10478937, 10478938, 10478939, 10478940, 10478941, 10478942, 10478943, 10478944, 10478946, 10478947, 10478948

24 V, B+ 1/2" UNC, Kl. 15a 10-32 UNF, Kl. 50 10-32 UNF, ID/ cover 32.85, OD 69.20, OD/ cover 76.15, Total length 177.75, Coil bolt 1/2" UNC, No./ terminals 4
 Insulated return. Jump start protection cap. Silver contacts. Cap: HC-CARGO 232033.


231922 Solenoid

Replacing: dr939a, d939a, 1115641

Servicing: 41MT, 10478898, 10479024, 10479043, 10479079

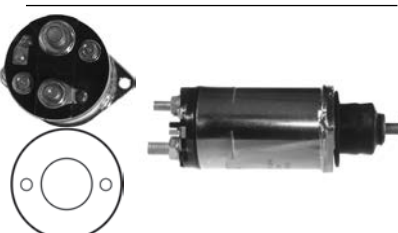
24 V, B+ 1/2" UNC, Kl. 15a 10-32 UNF, Kl. 50 10-32 UNF, OD 69.00, OD/ cover 76.45, Total length 178.20, Coil bolt 1/2" UNC, Coil bolt 2 10.45, No./ terminals 4
 Insulated return. Cap: HC-CARGO 232036.


231926 Solenoid

Replacing: 1115634

Servicing: 41MT, 10478815, 10478961, 10479013, 10479172, 1993995

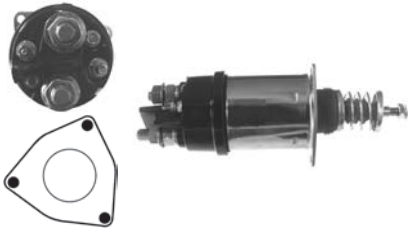
24 V, B+ 1/2" UNC, Kl. 15a 10-32 UNF, Kl. 50 10-32 UNF, ID/ cover 32.30, OD 69.00, OD/ cover 76.40, Total length 178.55, Coil bolt 1/2" UNC, Coil bolt 2 11.00, No./ terminals 4
 Cap: HC-CARGO 232039.


231928 Solenoid

Replacing: 10457123

Servicing: 28MT, 10479611

24 V, B+ M10, Kl. 50 8-32 UNC, OD 57.90, OD/ cover 57.40, Total length 182.25, Height/ B+ 21.35, Width/ kl. 50 7.80, Coil bolt M8, Coil bolt 2 17.90, No./ terminals 3
 Switch terminal: UNC 8-32.



233869 Solenoid

Replacing: 1115683, 1115663, 1115657
 Servicing: 42MT, 10479009, 10479010, 10479178
 24 V, B+ 1/2" UNC, Kl. 15a 10-32 UNF, Kl. 50 10-32 UNF, OD 68.80, OD/ cover 77.30, Total length 248.30, Height/ B+ 25.50, Width/ kl. 15a 12.00, Width/ kl. 50 12.00, Coil bolt 1/2" UNC, Coil bolt 2 18.00, No./ terminals 4
Insulated return. Solenoid cap: HC-CARGO 232033.



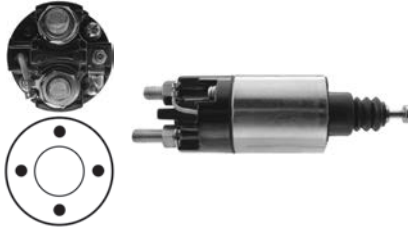
233873 Solenoid

Replacing: 1115673, 1115668, 1115667
 Servicing: 42MT
 24 V, B+ 1/2" UNC, Kl. 15a 10-32 UNF, Kl. 50 10-32 UNF, OD 68.55, OD/ cover 77.25, Total length 248.00, Coil bolt 1/2" UNC, No./ terminals 4
Insulated return. Cap: HC-CARGO 232196.



235758 Solenoid

Replacing: 10511409
 Servicing: 10461754, 10461756, 10461758, 10461759, 19011507, 19011509, 19011511, 19011512, 19011522, 19011523, 19011524, 19011527
 24 V, B+ M12, Kl. 50 M5, OD 63.95, OD/ cover 63.75, Total length 217.95, Height/ B+ 32.20, Coil bolt M12, Coil bolt 2 22.65, No./ terminals 4



237845 Solenoid

Replacing: 10515696, 10511799
 Servicing: 39MT, 19011501, 19024196
 24 V, B+ M12, Kl. 50 M5, OD 64.00, OD/ cover 63.50, Total length 224.65, Height/ B+ 38.10, Width/ kl. 50 13.55, Coil bolt M12, Coil bolt 2 31.45, No./ terminals 3



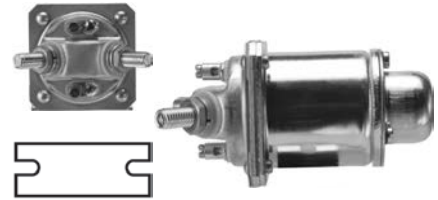
333002 Solenoid

Replacing: 10512094
 Servicing: 19026030, 19026032, 8200000, 8200024, 8200072
 24 V, B+ 31.23, Kl. 50 M5, OD 64.00, OD/ cover 64.00, Total length 218.00, Height/ B+ M12x1.75, Coil bolt M12x1.75, Coil bolt 2 23.61, No./ terminals 3



333152 Solenoid

Manufacturer: Bosch
 Replacing: 19024760
 24 V, 150 Amp, Intermittent load 800 Amp., B+ M8, OD 51.50, OD/ cover 43.55, Total length 100.55, Height/ B+ 17.85, Coil bolt M8, Coil bolt 2 17.85, Seconds 5, No./ terminals 4
Silver contact. Insulated return. Alternative no.: 131372



333156 Solenoid

Manufacturer: Bosch
 Replacing: 19024759
 24 V, 80 Amp, Intermittent load 500 Amp., B+ M8, OD 51.70, OD/ cover 43.45, Total length 99.60, Height/ B+ 17.35, Coil bolt M8, Coil bolt 2 17.35, Seconds 5, No./ terminals 4
Silver contact. Insulated return. Alternative no.: 131371

Safety Switches



230186 Safety Switch

Replacing: 10457367, 10457366
 Servicing: 28MT, 10461470, 10479626, 10479627, 19024204, DRX67095, DRX67131, DRX67149
 24 V.



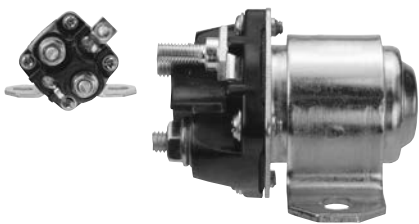
234163 Safety Switch

Replacing: 10484662
 Servicing: 28MT, 10479637
 12 V.



235444 Safety Switch

Replacing: 120483614, 10483614, 10477892, 10457565
 Servicing: 10479026, 10479027, 10479028, 10479030, 10479040, 10479041
 12 V

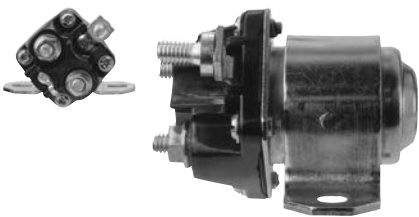


235699 Safety Switch

Replacing: 10511414, 10511368

Servicing: 19011506, 19011508, 19011510, 19011513, 19011514, 19011515, 19011516, 19011517, 19011518, 19011519, 19011521, 19011525

12 V, Terminals 3, Bracket w/, Diode w/o, Resistor w/o



237835 Safety Switch

Replacing: 10514696, 10511415, 10511369

Servicing: 19011501, 19011507, 19011509, 19011511, 19011512, 19011522, 19011523, 19011524, 19011527, 19024196, 8200009, 8200022

24 V, Terminals 3, Plug type Screw, Bracket w/, Diode w/o, Resistor w/o

Solenoid Parts

Solenoid Caps



130488 Solenoid Cap

Servicing: 141, 150, 153, 155, 162, 163, 164, 165, 168, 169, 172, 173, 174, 3471141, 3471144, 3471150, 3471153, 3471154, 3471155

No./ terminals 4
HC-CARGO 130963.



130489 Solenoid Cap

Servicing: 152, 3471143, 3471152, 3471693, 3471696, dr902

No./ terminals 4
HC-CARGO 131119.



130497 Solenoid Cap

Servicing: 5MT, 10MT, 20MT, 25MT, 10455301, 10455305, 10455306, 10455308, 10455603, 10496873, 10496874, 1107203, 1107237, 1107242

No./ terminals 4
HC-CARGO 130499.



130498 Solenoid Cap

Servicing: 30MT, 1113652, 1113683, 1115540

No./ terminals 4
HC-CARGO 130500.



131057 Solenoid Cap

Replacing: 1958218

Servicing: 40MT
No./ terminals 2
12 V. Silver contact.



131058 Solenoid Cap

Replacing: 1967330, 1961463, 1957789, 1953242, 1945400, 1906493, 1902610, 1901272, 1893477, 1880449, 1876849

Servicing: 40MT, 50MT, 1113827, 1113840, 1113853, 1113923, 1113942, 1113949, 1113950, 1113959, 1113960, 1113962, 1113967, 1113969

No./ terminals 2
24 V. Silver contact.



131367 Solenoid Cap

Replacing: 1979634

Servicing: 40MT, 50MT, 1115556
12 V. Squareface. Silver contact.



131368 Solenoid Cap

Replacing: 1979498, 1979458, 1979413

Servicing: 40MT, 50MT, 10478864, 1109290, 1113818, 1113824, 1113825, 1113827, 1113840, 1113842, 1113846, 1113849, 1113850, 1113851

No./ terminals 4
24 V. Squareface. Silver contact.



133180 Solenoid Cap

Servicing: 177, 3471177, 3471697, dr903

No./ terminals 4
Low type. HC-CARGO 131272.



133181 Solenoid Cap

Servicing: 3471725

No./ terminals 3
Low type. HC-CARGO 131273.



134841 Solenoid Cap

Servicing: 28MT, 10457055, 10479613, 10479615, 10479621, 10479627, 1113273, 1113276, 1113281, 1113282, 19024204, DRX67131

No./ terminals 3
HC-CARGO 133852.

Pkg. 5



135323 Solenoid Cap

Replacing: 1989500, 135323, 10495812
Servicing: 37MT, 42MT, 10461024, 10461025, 10461030, 10461031, 10461043, 10461054, 10461068, 10478980, 10478986, 10478998

No./ terminals 4
24 V. Silver contact. HC-CARGO: 131349, 131361.

Pkg. 5



135324 Solenoid Cap

Replacing: 1989499, 135324
Servicing: 42MT, 1115593
No./ terminals 4
HC-CARGO 131369.



137809 Solenoid Cap

Servicing: 5MT, 22MT, 10455006, 10455016, 10455017, 10455019, 10455024, 10455300, 10455301, 10455304, 10455305, 10455306, 10455308

No./ terminals 4
HC-CARGO 131590.



137810# Solenoid Cap

Servicing: 37MT, 1115591
No./ terminals 3



137824 Solenoid Cap

Servicing: 28MT, 10456454, 10465054, 1113267, 1113270, 1113296

No./ terminals 3
HC-CARGO 137811.

Pkg. 5



138409 Solenoid Cap

Servicing: PG260, 10475646, 22506694, 8000180, 9000786, 9000835, 9000836, 9000860, 9000889, 9000902, 9000934, 9000967

No./ terminals 3, Bracket type Crimp
HC-CARGO 138217.



138898 Solenoid Cap

Servicing: 28MT, 10457116, 10479623, 1113277

No./ terminals 3
HC-CARGO 132498.



139429 Solenoid Cap

Servicing: PG100, -150, 10455010, 10455011, 10455013, 10455025, 10455042, 10455048, 10455050, 10455053, 10455054, 10455070

No./ terminals 3, Bracket type Crimp
HC-CARGO 132944.

Pkg. 5



232027# Solenoid Cap

Servicing: 37MT, 1115622, 1115627, D916A, D921A

No./ terminals 4
Silver contact. HC-CARGO 231919.



232031 Solenoid Cap

Servicing: 42MT, 1115624, d918a
No./ terminals 4
HC-CARGO 231917.



232032# Solenoid Cap

Servicing: 42MT, 1115598
No./ terminals 4
HC-CARGO 231912.

Pkg. 5


232033 Solenoid Cap

 Servicing: 42MT, 1115625, d919a
 No./ terminals 4
 HC-CARGO 231920.

232034 Solenoid Cap

 Servicing: 42MT, 1115597, 1115600, d903a
 No./ terminals 4
 HC-CARGO 139337.

232037# Solenoid Cap

 Servicing: 37MT, 1115596
 No./ terminals 3
 HC-CARGO 231924.

232052 Solenoid Cap

 Servicing: PG260S, 10476117, 9000794,
 9000817, 9000824
 No./ terminals 3, Bracket type Crimp
 HC-CARGO 231929.

232203 Solenoid Cap

 Servicing: 28MT, 10457369, 10461470,
 10479626, 10479627, 1113285, 19024204,
 DRX67095, DRX67131, DRX67149
 No./ terminals 4
 HC-CARGO 231819.

232226 Solenoid Cap

 Replacing: 10478008
 Servicing: PG260F1, 1114583, 9000819,
 9000820, 9000821, 9000822, 9000850,
 9000879, 9000884, 9000885, 9000895,
 9000899
 No./ terminals 4, Bracket type Crimp
 HC-CARGO 137370.

233461# Solenoid Cap

 Servicing: 28MT, 10457115, 10457152
 No./ terminals 3
 HC-CARGO 231251.

234926 Solenoid Cap

 Servicing: 111534, 17610-Q1010
 No./ terminals 3

Pkg. 5


235403 Solenoid Cap

 Servicing: 00E091, 112161, CER3087
 No./ terminals 3

Moving Contacts

Pkg. 5


132322 Moving Contact

 Servicing: dr901, dr902
 Shaft measurement 36.00, Thickness 2.45
 Solenoid: HC-CARGO 130963, 131119. Silver
 plated. Long type.
 Alternative no.: b132322

132952 Moving Contact

 Replacing: 1977264, 1967335, 1954861
 Servicing: 40MT, 50MT, 10478864, 1113652,
 1113683, 1113827, 1113840, 1113853,
 1113923, 1113942, 1113949, 1113950,
 1113959, 1113960
 Shaft measurement 56.00, Thickness 3.10
 12/24 V.

Pkg. 5


133146 Moving Contact

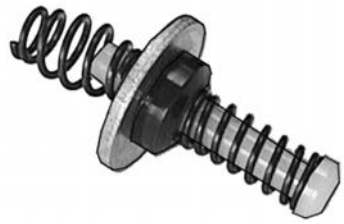
 Servicing: 3471697, DR725, dr903, dr904
 Length 32.00, Shaft measurement 32.00,
 Thickness 2.40, Width 16.00
 Solenoid: HC-CARGO 131272, 131273. Short
 type.



Pkg. 5

138410 Contact Plate

Servicing: PG260, 1114583
Length 31.75, Width 16.25
Solenoid: HC-CARGO 138217.



Pkg. 5

139430 Moving Contact

Servicing: PG200, -250, SD210, -260
Shaft measurement 26.00/1.024",
Thickness 2.00



Pkg. 5

139431# Moving Contact

Servicing: SD210, -260
Length 34.40/1.354",
Shaft measurement 26.00/1.024",
Thickness 2.00, Width 12.70 (1/2")



Pkg. 5

139836 Contact Plate

Servicing: 28MT
Thickness 4.10, Width 31.00



Pkg. 5

232910 Moving Contact

Replacing: 1978337
Servicing: 5MT, 10MT, 27MT, 10455016,
10455044, 10455045, 10455046, 10455049,
10455052, 10455055, 10455058, 10455069,
10455300

Shaft measurement 31.50/1.240",
Thickness 2.50/0.098"



Pkg. 5

232911 Moving Contact

Replacing: 1956226
Servicing: 5MT, 8MT, 10MT, 20MT, 22MT,
27MT, 1107302, 1107306, 1107307, 1107308,
1107310, 1107311, 1107312, 1107313,
1107314

Shaft measurement 41.00, Thickness 2.30



Pkg. 5

233396 Moving Contact

Replacing: 1985295
Servicing: 37MT, 41MT, 42MT
Length 53.70, Shaft measurement 44.00
Silver plated.



Pkg. 10

235404# Moving Contact

Servicing: 00E091, 110397, 112161,
CER3087
Length 54.78, Shaft measurement 37.50,
Thickness 2.38, Width 28.00



Pkg. 100

B132322 Moving Contact

Replacing: 132322
Shaft measurement 37.43, Thickness 2.44
Alternative no.: 132322

Fixed Contacts

Pkg. 10



133576 Fixed Contact

Servicing: 3471693, 3471696, dr902
Total length 20.50,
Length/ rear collar 18.20,
Thread length 8.55, Thread size M8

Pkg. 10



133577 Fixed Contact

Servicing: 3471561
Total length 28.70,
Length/ rear collar 23.45,
Thread length 14.85, Thread size M8

Pkg. 10



133578 Fixed Contact

Servicing: dr901
Total length 33.50, Length/ rear collar 31.20,
Thread length 21.50, Thread size M8

Various


130521 Plunger

Replacing: 1942250

Servicing: 30MT, 35MT, 1113059, 1113089, 1113090, 1113100, 1113101, 1113111, 1113113, 1113114, 1113115, 1113119, 1113121, 1113124

Length 127.40, Lever w/o


130522 Plunger

Replacing: 1948522

Servicing: 40MT, 50MT, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059, 10461060, 10461061, 10478800, 10478807

OD 30.00, Length 134.30, Lever w/o

Pkg. 5


132312 Gasket

Replacing: dr1903, 3471483

Servicing: 163, 3471143, 3471163, 3471171, 3471390, dr901, dr902, dr903

ID/ mount. hole 7.35, Length 79.80, Thickness 11.80, Width 67.00 mm,

No./ mount. holes 2, Material Rubber

Solenoid: HC-CARGO 130963, 131119, 131272.


132735 Plunger

Replacing: 1953041, 1941113, 1932200, 10470783

Servicing: 5MT, 10MT, 20MT, 22MT, 25MT, 27MT, 10455308, 10455309, 10455310, 10455311, 10455322, 10455335, 10455343, 10455344

OD 30.35, Length 74.00, Lever w/ Long type.


132736 Plunger

Replacing: 1987391, 1978297, 10470777, 10470764

Servicing: 5MT, 8MT, 10MT, 15MT, 20MT, 22MT, 27MT, 10455001, 10455004, 10455006, 10455007, 10455008, 10455009, 10455015, 10455016

OD 27.85, Length 66.10, Lever w/ Short type.


132877# Boot

Replacing: 1987373, 1962601

Servicing: 10MT, 20MT, 25MT, 27MT, 10455324, 10455325, 10455327, 10455331, 10455500, 1107295, 1107297, 1107308, 1107335, 1107343

OD 89.85, Length 89.00


133022 Plunger

Replacing: 1998139, 1988775, 1988140, 1988139

Servicing: 37MT, 41MT, 42MT, 10461024, 10461025, 10461030, 10461031, 10461043, 10461054, 10461068, 10478801, 10478802, 10478803

OD 31.60, Length 132.25, Lever w/o

Pkg. 5


133461# Boot

Replacing: 801077, 1942257

Servicing: 30MT, 40MT, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059, 10461060, 10461061, 10478800, 10478807

ID 37.95, OD 37.35, Length 67.40



Pkg. 5

134429 Boot

Replacing: 1988776, 1985243

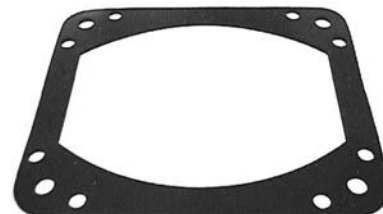
Servicing: 37MT, 41MT, 42MT, 10461025, 10461031, 10478801, 10478802, 10478803, 10478804, 10478805, 10478806, 10478809, 10478810


135462 Plunger

Replacing: 1989220, 10495984, 10473793

Servicing: PMGR series, 10455010, 10455011, 10455012, 10455013, 10455025, 10455026, 10455042, 10455047, 10455048, 10455050

OD 23.85, Length 76.00 w/ spring.



Pkg. 5

135643# Gasket

Replacing: 1979384, 10496037

Servicing: 40MT, 50MT

ID 80.00, OD 98.55, Thickness 1.40, Material Rubber



Pkg. 5

139660 Gasket

Replacing: 1952427

Servicing: 20MT, 22MT, 25MT, 27MT, 10455301, 10455304, 10455305, 10455306, 10455308, 10455310, 10455312, 10455316, 10455319

ID/ mount. hole 7.75, Length 88.45, Thickness 4.00, Width 76.55 mm, No./ mount. holes 2, Material Rubber



230407# Solenoid Clamp

Replacing: 10470161

Servicing: SD210, -260, 10455010, 10455011, 10455012, 10455013, 10455025, 10455026, 10455042, 10455047, 10455048, 10455050

Dist./ mount. holes 65.45,
ID 6.75, Thickness 1.55



232986 Spring

Replacing: 1948521

Servicing: 30-50MT, 10461025, 10461031, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059, 10461060, 10461061, 10478800

OD 35.70, Length 75.35

Pkg. 5



234889# Gasket

Servicing: 00E091, 110397, 112161, CER3087
ID 44.00, OD 50.00, Material Rubber

Drives



130465 Drive

Replacing: dr2003, dr2000, 3471912, 3471490

Servicing: 141, 150, 152, 153, 155, 162, 163, 164, 165, 168, 169, 172, 173, 174, 176, 177, 3471141, 3471143, 3471144, 3471150

ID 12.00, OD 25.80,
OD/ housing 45.35, Total length 65.50,
Splines A 12, No./ teeth 9, Rotation CR



130536 Drive

Replacing: c2001, 3874045

ID 12.00, OD 33.10,
OD/ housing 46.10, Total length 75.20,
Splines A 6, No./ teeth 10, Rotation CR



130537 Drive

Replacing: d2051, d2049, d2020, d2014, d2008, 1974352, 1965923, 1965723, 1965538, 1954843, 1954842, 1946229

Servicing: 10MT, 10455300, 10455301, 10455305, 10455306, 10455308, 10455309, 10455310, 10455311, 10455312, 10455315, 10455335

ID 12.00, OD 25.20,
OD/ housing 46.15, Total length 81.00,
Splines A 3, No./ teeth 9, Rotation CR



130538 Drive

Replacing: d2042, d2025, d2024, 1977355, 1975046, 1971707, 1968355, 1966931, 1964127, 1950058, 1942950

Servicing: 30MT, 10455316, 10455326, 10455331, 10455334, 10455337, 10478830, 1107214, 1107234, 1107249, 1107290, 1107291, 1107300

ID 14.30, OD 39.85,
OD/ housing 60.00, Total length 96.15,
Splines A 3, No./ teeth 10, Rotation CR



130539 Drive

Replacing: 830620, 800066, 1976884, 1967779, 1960370, 1955777, 1952083, 1945487, 1935487, 1894211

Servicing: 40MT, 42MT, 50MT, 10461024, 10461030, 10461041, 10461043, 10461045, 10461047, 10461048, 10461054, 10461068, 10478800

ID 15.90, OD 56.50,
OD/ housing 58.00, Total length 120.40,
Shaft length 15.90 (5/8"), Splines A 19,
No./ teeth 11, Rotation CR
Bronze.

Alternative no.: 130539z



130539z Drive

Replacing: 830620, 800066, 1976884, 1967779, 1960370, 1955777, 1945487, 1935487, 1894211

ID 15.90, OD 56.50,
OD/ housing 58.25, Total length 120.40,
Splines A 19, No./ teeth 11, Rotation CR
Alternative no.: 130539



130540 Drive

Replacing: d2107, d2043, d2026, d2017, 1965358, 1951180, 1940138, 1940134, 1934488, 1932890, 1932308, 1877354

Servicing: 35MT, 1107251, 1107343, 1107344, 1107510, 1107527, 1107534, 1107538, 1107548, 1107553, 1107567, 1107581, 1107587

ID 14.02, OD 46.15,
OD/ housing 60.00, Total length 96.00,
Shaft length 14.00, Splines A 3,
No./ teeth 12, Rotation CR


130542 Drive

Replacing: 800077, 1979835, 1977013, 1967952, 1894221

Servicing: 30MT, 50MT, 10478862, 1109494, 1109497, 1109632, 1109757, 1109779, 1109792, 1109849, 1990232, 1990240, 1990247, 1993781

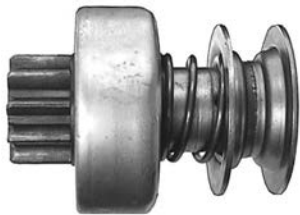
ID 16.00, OD 46.00,
OD/ housing 58.00, Total length 169.00,
Splines A 19, No./ teeth 12, Rotation CR
Bronze.


131056 Drive

Replacing: 852961, 851073, 800068, 1977005, 1970711, 1965514, 1948606, 1946957, 1946945, 1936647, 1894213

Servicing: 40MT, 42MT, 50MT, 10461025, 10461031, 10461046, 10461060, 10461061, 10478803, 10478804, 10478860, 10478864, 10478869

ID 15.90, OD 46.20,
OD/ housing 57.65, Total length 120.40,
Shaft length 15.90 (5/8"), Splines A 19,
No./ teeth 12, Rotation CR


131429 Drive

Replacing: d2035, d2027, 1985564, 1975194, 1893445, 1893443

Servicing: 25MT, 1109212, 1109213, 1109214, 1109215, 1109216, 1109218, 1109219, 1109495, 1109563, 1113484, 1113589, 1113590

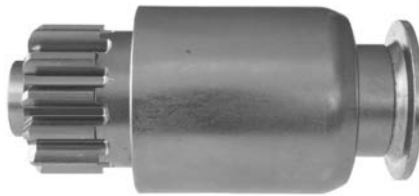
ID 14.30, OD 32.00,
OD/ housing 60.00, Total length 80.80,
Splines A 3, No./ teeth 10, Rotation CR


131481 Drive

Replacing: 1987211, 1985262

Servicing: 37MT, 10461169, 10478805, 10478811, 10478825, 10478826, 10478927, 10478949, 10478960, 10479014, 10479034, 1990310

ID 14.35, OD 46.35,
OD/ housing 60.00, Total length 99.55,
Shaft length 98.00, Splines A 3,
No./ teeth 12, Rotation CR


131766 Drive

Replacing: 1932605, 1932545, 1932526, 1928998, 1921998, 1914341

Servicing: 40MT, 1108987, 1109158, 1109169, 1109170, 1109172, 1109178, 1109184, 1109229, 1109230, 1109233, 1109235, 1109236

ID 19.00 (3/4"), OD 46.30,
OD/ housing 58.00,
Total length 120.40/4.740",
Shaft length 19.00/0.748", Splines A 19,
No./ teeth 12, Rotation CR
Bronze.


131767 Drive

Replacing: 830622, 1946089, 1846089

Servicing: 40MT, 50MT, 1113385, 1113408, 1113445, 1113474, 1113533, 1113693, 1114195

ID 15.90 (5/8"), OD 38.80,
OD/ housing 58.00,
Total length 120.40, Splines A 19,
No./ teeth 10, Rotation CR


131768 Drive

Replacing: d2021, 1985129, 1932031, 1918079

Servicing: 40MT, 1108894, 1108895, 1109234, 1109237, 1109248, 1109823, 1109874, 1109891, 1113606, 1113612, 1113619, 1113741

ID 19.00 (3/4"), OD 56.50,
OD/ housing 58.00,
Total length 120.40/4.740",
Shaft length 19.00/0.748", Splines A 19,
No./ teeth 11, Rotation CR


131769 Drive

Replacing: d2036, d2009, d2005, 800026, 1952410, 1947680, 1946220, 1941589, 1935992, 1930802, 1929402, 1921999

Servicing: 30MT, 10455304, 10455317, 10455321, 10455324, 10455325, 10455328, 10455332, 10455333, 10455340, 10455341, 10455355

ID 14.30, OD 29.30,
OD/ housing 60.10, Total length 95.20,
Splines A 3, No./ teeth 9, Rotation CR


131770 Drive

Replacing: 800069, 1977006, 1971167, 1947920, 1894214, 1893562

Servicing: 40MT, 10461059, 10478820, 10478985, 1113830, 1113852, 1113871, 1113873, 1113941, 1113988, 1114052, 1114077, 1114094

ID 15.90, OD 49.20/1.937",
OD/ housing 58.00,
Total length 120.40/4.740",
Shaft length 15.90 (5/8"), Splines A 19,
No./ teeth 13, Rotation CR



132076# Drive

Replacng: 3491016, 3471463
 Servicing: 3471157, 3471159
 ID 12.00, OD 29.50,
 OD/ housing 42.35, Total length 66.00,
 Splines A 6, No./ teeth 9, Rotation CR



132694 Drive

Replacng: d2029, d2006, d2002, 1974396,
 1971979, 1946221, 1931585, 1927200,
 1828396
 Servicing: 8MT, 1107608, 1107621, 1107622,
 1107623, 1107626, 1107627, 1107629,
 1107631, 1107632, 1107633, 1107634,
 1107635
 ID 12.00, OD 25.00,
 OD/ housing 46.60, Total length 96.00,
 Splines A 3, No./ teeth 9, Rotation CR



132695 Drive

Replacng: d2052, d2040, d2032, 1984511,
 10498407, 10471539
 Servicing: 5MT, 10455001, 10455004,
 10455006, 10455007, 10455008, 10455009,
 10455015, 10455016, 10455017, 10455018,
 10455019
 ID 12.00, OD 25.00,
 OD/ housing 43.35, Total length 69.15,
 Splines A 3, No./ teeth 9, Rotation CR



132699 Drive

Replacng: 1951788, 1950001, 1877348
 Servicing: 10MT, 10455319, 10455336,
 10455338, 1107179, 1107386, 1107782,
 1109424, 1109426, 1113155, 1998298,
 1998299, 1998301
 ID 14.30, OD 36.70/1.444",
 OD/ housing 59.80,
 Total length 96.00/3.780", Splines A 3,
 No./ teeth 9, Rotation ACR



132731 Drive

Replacng: 830621, 800067, 1977004,
 1970527, 1945879, 1894212
 Servicing: 40MT, 42MT, 50MT, 10478836,
 10478851, 10478854, 10478857, 10478872,
 10478874, 10478875, 10478892, 10478978,
 10478979
 ID 15.75, OD 56.30,
 OD/ housing 58.00, Total length 120.70,
 Shaft length 15.90 (5/8"), Splines A 19,
 No./ teeth 11, Rotation ACR
Bronze.



132732 Drive

Replacng: 1932604
 Servicing: 40MT, 50MT, 1109179, 1109185
 ID 19.00, OD 46.20/1.819",
 OD/ housing 46.00,
 Total length 118.00/4.646",
 Shaft length 19.00/0.748", Splines A 19,
 No./ teeth 12, Rotation ACR
Bronze.



132943 Drive

Replacng: d2048, 10498527, 10469173
 Servicing: PMGR series, 9000719, 9000735,
 9000762, 9000763, 9000768, 9000773,
 9000775, 9000776, 9000789, 9000796,
 9000797
 ID 12.00, OD 25.20,
 OD/ housing 43.25, Total length 68.10,
 Splines A 6, No./ teeth 9, Rotation CR



133507 Drive

Replacng: 1987152, 1986244
 Servicing: 37MT, 10478806, 10478814,
 10478819, 10478890, 10478921, 10478928,
 10478929, 10478930, 10478953, 10478957,
 10478962
 ID 14.35, OD 39.50/1.555",
 OD/ housing 60.00,
 Total length 99.00/3.898", Splines A 3,
 No./ teeth 10, Rotation CR



133545 Drive

Replacng: d2037, 1971706, 1970376,
 1968131, 1947912, 1877345, 10497522,
 10479522
 Servicing: 10MT, 20MT, 22MT, 25MT, 27MT,
 10455322, 10455329, 10455500, 1107573,
 1107577, 1107586, 1107588, 1107589,
 1107599
 ID 14.24, OD 31.50,
 OD/ housing 59.75, Total length 96.95,
 Splines A 3, No./ teeth 10, Rotation CR


133854 Drive

Replacing: d2053, 10457167, 10457056, 10456455

Servicing: 28MT, 10465054, 10479604, 10479614, 10479615, 10479617, 10479618, 10479621, 10479628, 10479634, 1113267, 1113269

ID 14.00, OD 32.00, OD/ housing 60.00, Total length 85.00, Splines A 12, No./ teeth 10, Rotation CR w/ rubber seal.


133864 Drive

Replacing: a2000, 1938065, 1916775, 1838065

ID 12.00, OD 25.80, OD/ housing 46.20, Total length 77.00, Splines A 12, No./ teeth 9, Rotation CR


133975 Drive

Replacing: d2054, 10457579, 10457057

Servicing: 28MT, 10479607, 1113274, 1113275, 1113278, 1113281, 1113282, 1113284, 1113285, 1113288, 1113289, 1113290, 1113297

ID 14.00, OD 40.00, OD/ housing 60.00, Total length 85.00, Splines A 12, No./ teeth 10, Rotation CR w/ rubber seal.


133976 Drive

Replacing: d2055, 10457168, 10457058

Servicing: 28MT, 10479606, 10479613, 1113273, 1113279, 1113280

ID 14.00, OD 46.30, OD/ housing 60.00, Total length 85.35, Splines A 12, No./ teeth 12, Rotation CR w/ rubber seal.


134837 Drive

Replacing: 10457279, 10457059

Servicing: 28MT, 10479620, 10479648, 1113286

ID 14.00, OD 34.00/1.339", OD/ housing 60.00, Total length 85.85, Splines A 12, No./ teeth 9, Rotation CR w/ rubber seal.


135063 Drive

Replacing: d2057, d2050, 10477566, 10473700, 10468675

Servicing: SD210, SD260, 10455010, 10455011, 10455012, 10455013, 10455025, 10455026, 10455042, 10455047, 10455048, 10455050

ID 12.00, OD 25.30, OD/ housing 43.85, Total length 68.75, Splines A 3, No./ teeth 9, Rotation CR Alternative no.: 135063z


135063Z Drive

Replacing: d2057, d2050, 10477566, 10473700, 10468675

Servicing: SD210, SD260

ID 12.00, OD 25.30, OD/ housing 43.60, Total length 69.00, Splines A 3, No./ teeth 9, Rotation CR Alternative no.: 135063


135816 Drive

Replacing: d2047, 1989214

Servicing: PG260, 9000719

ID 12.00, OD 25.20, OD/ housing 43.40, Total length 68.25/2.677", Splines A 3, No./ teeth 9, Rotation CR


136318 Drive

Replacing: d2028, 1974355, 1932188

Servicing: 10MT, 1107208, 1107223, 1107270, 1107272, 1107279, 1107297, 1107354, 1107389, 1107397, 1107398, 1107641, 1107652

ID 12.00, OD 25.40, OD/ housing 46.40, Total length 75.50, Splines A 3, No./ teeth 9, Rotation CR


136342 Drive

Replacing: 10497257

Servicing: PG100, -150, 09000756, 21020892, 21020893, 21021366, 21021648, 9000700, 9000751, 9000758, 9000772, 9000785, 9000791

ID 12.00, OD 25.25, OD/ housing 43.50, Total length 63.40, Splines A 6, No./ teeth 9, Rotation CR


137733 Drive

Replacing: 186798

ID 12.00, OD 27.75, OD/ housing 46.35, Total length 51.70, Splines A 5, No./ teeth 10, Rotation CR


137760 Drive

Replacing: 10457121

Servicing: 28MT, 10479611, 10479616, 10479623, 1113272, 1113277, 1113291 ID 14.00, OD 32.00/1.260", OD/housing 60.00, Total length 85.45/3.386", Splines A 12, No./ teeth 10, Rotation CR w/ rubber seal.

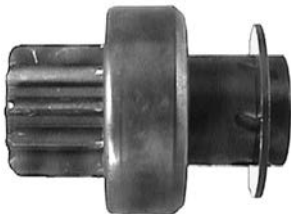


138128 Drive

Replacing: 800965, 1948877, 1947542, 1933838, 1877350, 10499852

Servicing: 10MT, 10455320, 10455323, 10455339, 1107341, 1107390, 1107532, 1107544, 1107779, 1107873, 1108336, 1108475, 1108659

ID 14.30, OD 40.00, OD/ housing 60.00, Total length 96.25, Splines A 3, No./ teeth 10, Rotation ACR



138216 Drive

Replacing: 10475616

Servicing: PG260, 8000321, 9000786, 9000798, 9000806, 9000819, 9000820, 9000821, 9000822, 9000834, 9000835, 9000850, 9000860

ID 12.00, OD 29.70, OD/ housing 46.30, Total length 61.55, Splines A 6, No./ teeth 11, Rotation CR
Alternative no.: 138216z



138216Z Drive

Replacing: 10475616

ID 12.00, OD 29.70, OD/ housing 45.90, Total length 61.75, Splines A 6, No./ teeth 11, Drive type Steel, Rotation CR
Alternative no.: 138216



138222 Drive

Replacing: 10476642

Servicing: PG260, 9000805, 9000812

ID 12.00, OD 25.15, OD/ housing 46.15, Total length 61.70, Splines A 6, No./ teeth 9, Rotation CR



138233 Drive

Replacing: 10476603

Servicing: 9000786, 9000798, 9000805, 9000806, 9000812, 9000820, 9000822, 9000834

ID 11.00, OD 27.00, OD/ housing 46.25, Total length 54.30, Splines A 10, No./ teeth 8, Rotation CR



230073 Drive

Replacing: 10475974

Servicing: PG105S, 09000794, 09000801, 10455506, 21020761, 9000795, 9000817, 9000824, 9000833, 9000837, 9000839, 9000840, 9000847

ID 12.00, OD 25.25/1.016", OD/ housing 43.25, Total length 45.25/1.772", Splines A 6, No./ teeth 9, Rotation CR



230911 Drive

Replacing: 10472565

Servicing: 41MT, 10478812, 10478815, 10478817, 10478818, 10478925, 10478926, 10478961, 10478999, 10479013, 10479060, 10479061

ID 15.90, OD 46.30/1.823", OD/ housing 58.00, Total length 102.00/4.016", Splines A 19, No./ teeth 12, Rotation CR
Bronze.

Alternative no.: 230911z



230911Z Drive

Replacing: 10472565

ID 15.90, OD 46.10, OD/ housing 58.10, Total length 102.15, Splines A 19, No./ teeth 12, Drive type Bronze, Rotation CR

Alternative no.: 230911



231789 Drive

Servicing: 10455503, 111089, 112847, 113136, 8000174, 96275481, 96569440

ID 12.00, OD 28.35, OD/ housing 43.15, Total length 45.30, Splines A 6, No./ teeth 8, Rotation CR
Alternative no.: 231789z



231789Z Drive

ID 12.00, OD 28.10, OD/ housing 43.20, Total length 45.65, Splines A 6, No./ teeth 8, Drive type Steel, Rotation CR
Alternative no.: 231789



231965 Drive

Replacing: 10457122

Servicing: 28MT, 10479605, 10479608, 10479612

ID 14.00, OD 40.00/1.575", OD/ housing 60.00, Total length 86.00/3.386", Splines A 12, No./ teeth 10, Rotation CR


231966 Drive

Replacing: 10492409

 Servicing: PG260F2, 22506694, 9000836, 9000841, 9000842, 9000854, 9000857, 9000858, 9000871, 9000872, 9000879, 9000880, 9000882
 ID 12.00, OD 29.55, OD/ housing 46.00, Total length 47.50/1.850", Splines A 6, No./ teeth 11, Rotation CR

231967 Drive

Replacing: d2059, 10487934, 10487536

Servicing: SD205, -255, 10455064, 10455065, 10455066, 10455067, 10455069, 10455072, 10455073, 10455074, 10455080, 10455081

ID 12.00, OD 25.00, OD/ housing 43.35, Total length 73.00, Splines A 3, No./ teeth 9, Rotation CR


231968 Drive

Replacing: 10476528

 Servicing: 41MT, 10478897, 10478898, 10479023, 10479024, 10479043, 10479165
 ID 16.00, OD 56.25, Total length 102.25, Splines A 19, No./ teeth 11, Rotation CR
Bronze.

231970 Drive

Replacing: 800074, 1977011, 1971277, 1953151, 1894219, 1894218, 1893561

 Servicing: 40MT, 42MT, 1113177, 1113477, 1113881, 1113888, 1113936, 1113961, 1113963, 1114123, 1114155, 1114177, 1114716, 1114721
 ID 15.90 (5/8"), OD 46.00/1.831", Total length 120.50/4.724", Splines A 19, No./ teeth 12, Rotation ACR

231972[#] Drive

Replacing: 1942877, 1941657, 1893736, 1877356

 Servicing: 30MT, 35MT, 1107518, 1108638, 1108647, 1108668, 1109141, 1113090, 1113131, 1113163, 1113228, 1113673, 1113682, 1113696
 ID 14.20, OD 46.30, OD/ housing 60.00, Total length 97.15, Splines A 3, No./ teeth 12, Rotation ACR

232053 Drive

Servicing: 30MT

ID 14.30, OD 39.80, OD/ housing 60.00, Total length 96.30, Splines A 3, No./ teeth 10, Rotation CR


233171[#] Drive

Replacing: 1877347, 10499850

Servicing: 10MT, 20MT, 25MT, 27MT, 1107854, 1107855, 1108334, 1108343, 1108344, 1108691, 1109252, 1109267, 1109359, 1109360

ID 14.30, OD 32.00, OD/ housing 60.00, Total length 96.35, Splines A 3, No./ teeth 10, Rotation ACR


233173 Drive

Replacing: 1974655, 1974641, 1943600, 1937554

 Servicing: 10MT, SD300, 10455602, 1107250, 1107271, 1107285, 1107333, 1107610, 1107611, 1107672, 1107723, 1107742, 1107763
 ID 12.00, OD 25.35/1.016", OD/ housing 46.40, Total length 93.85/3.660", Splines A 3, No./ teeth 9, Rotation ACR

233387 Drive

Replacing: 10457362

 Servicing: 28MT, 10461470, 10479626, 10479627, 19024204, DRX67095, DRX67131, DRX67149
 ID 14.00, OD 35.50, OD/ housing 60.00, Total length 85.50, Splines A 12, No./ teeth 9, Rotation CR

233532 Drive

Replacing: 1954963, 1949429

Servicing: 10MT, 10455318, 1107209, 1107218, 1107334, 1108289, 1108505, 1109098, 1998274

 ID 14.40, OD 30.00, OD/ housing 60.00, Total length 97.00, Splines A 3, No./ teeth 9, Rotation CR
 10 holes.

233950[#] Drive

Replacing: 10472809

ID 12.00, OD 25.25, OD/ housing 45.00, Total length 62.65, Splines A 12, No./ teeth 9, Rotation CR


235050 Drive

 Servicing: 110566, 111534, 17610-q1010
 ID 11.91, OD 35.62, OD/ housing 48.82, Total length 48.50, Splines B 6, No./ teeth 9


235146 Drive

Servicing: 00E091, 112161, cer3087
 ID 12.00, OD 45.75,
 OD/ housing 48.65, Total length 50.60,
 Splines A 6, No./ teeth 13, Rotation CR


235193 Drive

ID 11.00, OD 29.60,
 OD/ housing 43.65, Total length 53.75,
 Splines A 5, No./ teeth 11, Rotation CR


238626 Drive

Servicing: 8000048, 8000180, 9000902,
 9000934, 9000967, 96430345, 96450663,
 96550792
 ID 12.00, OD 25.00,
 OD/ housing 46.45, Total length 47.25,
 Splines A 10, No./ teeth 9, Rotation CR


330382 Drive

Servicing: 8000032
 ID 12.05, OD 36.00,
 OD/ housing 47.00, Total length 61.40,
 Splines A 12, No./ teeth 9,
 Drive type Steel, Rotation CR

Drive Parts
Caps

134252 Dp Cap

ID 41.66, OD 43.00

Pkg. 20

Gears

134235 Dp Gear

ID 12.00, OD 25.20, Height 26.90,
 No./ teeth 9

Pkg. 10

Rollers

134240 Dp Rollers

OD 7.50, Length 12.75

Pkg. 1000


134242 Dp Rollers

OD 4.50, Length 7.45

Pkg. 500


230081 Dp Rollers

OD 8.00, Length 20.90

Pkg. 200

Pkg. 10


231879 Dp Rollers

OD 5.20, Length 8.90

Springs

139835 Dp Springs

Length 21.35

Pkg. 100


235680[#] Spring

OD 23.00, Length 14.60

Pkg. 10

Pinion

235678 Pinion

Replacing: 10511838, 10511406

Servicing: 10461757, 10461758, 10461759,
 10461760, 19011510, 19011511, 19011512,
 19011515, 19011517, 19011524, 19011526,
 8200027

ID 16.60, OD 45.91, Height 26.00,
 Splines 23, No./ teeth 12

Dp Rollers

332667 Roller

OD 5.35, Length 11.10

Pkg. 100

Planet Gears
Gear Parts
Gear Shafts

230559 Gear Shaft

Replacing: 10457032

Servicing: 28MT, 10479600, 10479604, 10479605, 10479606, 10479607, 10479608, 10479612, 10479613, 10479614, 10479615, 10479616

 OD/ shaft 13.90,
 Total length 172.00/6.772",
 No./ splines 12

230560 Gear Shaft

Replacing: 10456468

Servicing: 28MT, 10465054, 10479611, 1113267, 1113269, 1113270, 1113295, 1113296

 OD/ shaft 25.00,
 Total length 165.00/6.496",
 No./ splines 12

232990 Gear Shaft

Replacing: 10475626

Servicing: PG260M, 9000786, 9000798, 9000804, 9000805, 9000806, 9000812, 9000819, 9000820, 9000821, 9000822, 9000827, 9000834

 OD/ shaft 22.20,
 Total length 165.00/6.50", No./ splines 12

233757 Gear Shaft

Replacing: 10457357

Servicing: 28MT, 10461470, 10479626, 10479627, 19024204, DRX67095, DRX67131, DRX67149

 Total length 176.00/6.693",
 No./ splines 12

235738 Gear Shaft

Servicing: 19011514, 19011516, 19011517, 19011518, 19011521, 19011522, 19011523, 19011524, 19011530, 19011531, 19026027, 19026028

 OD/ shaft 12.96, Total length 133.20,
 No./ splines 12

Outer Gear

135465 Outer Gear

Servicing: PG100

 ID 46.73, OD 69.00, Height 27.35,
 No./ teeth 64

Pkg. 5


138213 Outer Gear

Replacing: 10475632

 Servicing: PG260, 9000786, 9000798, 9000805, 9000806, 9000812, 9000819, 9000820, 9000821, 9000822, 9000834
 ID 46.25, OD 66.57, Height 34.84,
 No./ teeth 48

232360 Outer Gear

Replacing: 10450720

Servicing: PG260F2, 22506694, 9000836, 9000884

 ID 49.60, OD 61.45, Height 29.50,
 No./ teeth 43

235737 Outer Gear

Servicing: 19011514, 19011515, 19011516, 19011517, 19011518, 19011521, 19011522, 19011523, 19011524, 19011530, 19011531, 8200037

 ID 76.74, OD 94.14, Height 35.89,
 No./ teeth 48
 Needle Bearing: HC-CARGO 141269.

Gear Covers

230394 Gear Cover

Replacing: 10476004

Servicing: PG260F1, 09000794, 09000801, 10455506, 9000817, 9000824

Pkg. 5


235739 Gear Cover

Servicing: 19011514, 19011515, 19011516, 19011517, 19011518, 19011521, 19011522, 19011523, 19011524, 19011531, 8200037, 8200287

ID 35.45, OD 108.87

Gear Wheels

Pkg. 3


232926 Gear Wheel

Replacing: 10475979

 Servicing: PG260F1, 09000794, 09000801, 10455506, 9000817, 9000824
 ID 6.00, OD 18.60, Height 10.40,
 No./teeth 17

Pkg. 3


232989 Gear Wheel

Replacing: 10475578

 Servicing: PG260M, 9000786, 9000798, 9000804, 9000805, 9000806, 9000812, 9000819, 9000820, 9000821, 9000822, 9000827, 9000834
 ID 6.00, OD 19.35, Height 11.00,
 No./teeth 18
 Bushing: HC-CARGO 140939.

Pkg. 3


233016 Gear Wheel

Servicing: PG260F2, 22506694, 9000836, 9000841, 9000854, 9000857, 9000858, 9000884

 ID 6.00, OD 20.55, Height 11.45,
 No./teeth 16
 Bushing: HC-CARGO 140939.

Pkg. 10


235687 Gear Wheel

Servicing: 38mt, 39mt

 ID 9.10, OD 24.00, Height 13.00,
 No./teeth 14

Levers

130530 Lever

Replacing: 1945484

Servicing: 40MT, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059, 10461060, 10461061, 10478800, 10478807, 10478808

 Dist. 37.00, ID 13.00, Length 124.70
 Pin kit: HC-CARGO 230362.

130531# Lever

Replacing: 1948690, 1942553, 1942245

Servicing: 30MT, 1113059, 1113089, 1113090, 1113100, 1113101, 1113111, 1113113, 1113114, 1113115, 1113119, 1113121, 1113124

Dist. 38.55, ID 10.00, Length 113.45


130844 Lever Kit

Replacing: dr1901

Servicing: 3471141, 3471143, 3471144, 3471150

Dist. 35.30, ID 6.30, Length 83.40


131353 Lever

Replacing: 1988097

Servicing: 41MT, 42MT, 10461024, 10461025, 10461030, 10461031, 10461043, 10461054, 10461068, 10478801, 10478802, 10478803

 Dist. 36.60, ID 12.90, Length 121.35
 Pin kit: HC-CARGO 230362.

131358 Lever

Replacing: 1985237

Servicing: 37MT, 10461169, 10478805, 10478806, 10478811, 10478814, 10478819, 10478825, 10478826, 10478890, 10478897, 10478953

 Dist. 42.70, ID 12.60, Length 121.60
 Pin kit: HC-CARGO 230362.

131408 Lever

Replacing: d4908, 1951567, 1932205

Servicing: 25MT, 10455304, 10455306, 10455309, 10455310, 10455311, 10455312, 10455314, 10455315, 10455316, 10455317, 10455318

Dist. 38.75, ID 8.15, Length 103.90


132678 Lever

Replacing: 801433

Servicing: 10MT, 10455300, 10455301, 10455305, 10455306, 10455308, 10455343, 10455603, 10455604, 10496873, 10496874, 1107242

Dist. 38.30, ID 8.25, Length 103.30


132679# Lever

Replacing: 1945801

Servicing: 8MT, 10455301, 10455305, 10455306, 10455308, 10455603, 10496873, 10496874, 1108918, 1998238, 1998241, 1998243, 1998247

Dist. 39.15, ID 8.00, Length 102.80


132680 Lever

Replacing: 1893358

Servicing: 5MT, 1109521, 1109522, 1109523, 1109524, 1109526, 1109527, 1109528, 1109530, 1109531, 1109532, 1109533, 1109534

Dist. 39.00, ID 7.90, Length 96.55


132681 Lever

Replacing: 1984501

Servicing: 5MT, 10455001, 10455004, 10455006, 10455007, 10455008, 10455009, 10455015, 10455016, 10455017, 10455018, 10455019

 Dist. 36.65, ID 7.95, Length 96.50
Short type.

Pkg. 10


133182 Lever

Servicing: 141, 150, 152, 153, 162, 164, 165, 168, 172, 176, 3471141, 3471143, 3471144, 3471150, 3471152, 3471153, 3471154

 Dist. 36.00, ID 6.20, Length 83.15
As HC-CARGO 130844. w/o bolt. Bolt: HC-CARGO 134909.

134839 Lever

Replacing: 10456464

Servicing: 28MT, 10465054, 10479600, 10479604, 10479605, 10479606, 10479607, 10479608, 10479611, 10479612, 10479613, 10479614

Dist. 36.65, ID 6.00, Length 102.35


135204 Lever

Replacing: 10473701

Servicing: SD210, SD260, 10455010, 10455011, 10455012, 10455013, 10455025, 10455026, 10455042, 10455047, 10455048, 10455050

Dist. 42.45, Length 95.30


138214 Lever

Replacing: 10476604

Servicing: PG260, 8000032, 8000321, 9000786, 9000798, 9000805, 9000806, 9000812, 9000819, 9000820, 9000821, 9000822, 9000834

 Dist. 26.20, Length 78.65
Support: HC-CARGO 138215.

232825[#] Lever

Replacing: 10487534

Servicing: SD205, SD255, 10455064, 10455065, 10455066, 10455067, 10455069, 10455070, 10455071, 10455072, 10455073, 10455074

Dist. 38.35, ID 8.10, Length 95.40


232826 Lever

Servicing: PG260F2, 22506694, 9000836, 9000873, 9000879, 9000881, 9000884, 9000885, 9000889, 9000895, 96450663, 96843574

Dist. 26.80, Length 80.45

Plug: HC-CARGO 232996. Pivot pad: HC-CARGO 610222.

232966[#] Lever

Replacing: 1851954

Servicing: 30MT, 35MT, 1113172, 1113216, 1113217, 1113218, 1113222, 1113228, 1113229, 1113231, 1113232, 1113233, 1113234, 1113235

Dist. 36.75, ID 12.85, Length 118.00


233756 Lever

Replacing: 10457361

Servicing: 28MT, 10461470, 10479626, 10479627, 19024204, DRX67095, DRX67131, DRX67149

Dist. 57.10, ID 50.45, Length 114.25

Pkg. 5


235040 Lever

Servicing: 10455503, 96275481

Dist. 24.00, Length 81.60


235734 Lever

Replacing: 10511817

Dist. 35.00, ID 8.30, Length 110.00

Lever Parts
Various

Pkg. 10


134777 Spacer for Lever

Servicing: 141, 150, 155, 163, 168, 169, 172, 173, 174, 176, 177, 3471141, 3471144, 3471150, 3471155, 3471163, 3471168, 3471169
 ID 3.90, OD 8.00, Height 12.00
 Lever: HC-CARGO 130844, 133182.


134909 Pivot Pin

Total length 48.00,
 Length/ rear collar 42.00,
 Thread length 13.30, Thread size M6


138215 Lever Support

Replacing: 10475639
 Servicing: PG260, 8000032, 8000321, 9000786, 9000798, 9000805, 9000806, 9000812, 9000819, 9000820, 9000821, 9000822, 9000834
 ID 7.40, Length 29.85
 Lever: HC-CARGO 138214.

Pkg. 10


230010 Lever Pin

Replacing: 1987079, 1987049, 1980864, 1894321
 Servicing: 10MT, 15MT/GR, 20MT, 22MT, 25MT, 27MT, 10455001, 10455004, 10455006, 10455007, 10455008, 10455009, 10455015, 10455016
 ID 2.90, OD 5.00, Length 25.70

Pkg. 10


230108 Lever Pin

Replacing: 1945804
 Servicing: 10MT, 10455001, 10455004, 10455006, 10455007, 10455008, 10455009, 10455015, 10455016, 10455017, 10455018, 10455019
 OD 7.85, Length 40.80


230362 Lever Pin Kit

Replacing: 9415235
 Servicing: 30MT, 35MT, 10478864, 1109220, 1109221, 1109222, 1109224, 1109274, 1109275, 1109276, 1109277, 1109278, 1109279, 1109280
 OD 12.70, Length 58.00

Pkg. 5


230513 Lever Stud

Replacing: 1948529, 1945472
 Servicing: 37MT, 40MT, 41MT, 42MT, 10461024, 10461025, 10461030, 10461031, 10461041, 10461043, 10461045, 10461046, 10461047
 OD 12.65, Length 58.45

Pkg. 10


232692[#] Felt Washer

Replacing: 10492752
 Servicing: 22SI, 19020307, 19020346, 19020366, 19020376, 19020382, 19020383
 ID 16.30, OD 35.75, Thickness 1.75

Pkg. 5


232827 Lever Stud

Replacing: 1932197
 Servicing: 10MT, 20MT, 22MT, 25MT, 27MT, SD300, 10455304, 10455309, 10455310, 10455311, 10455312, 10455314, 10455315, 10455316
 OD 7.80, Length 51.70

Pkg. 5


232828[#] Lever Stud

Replacing: 1851953
 Servicing: 30MT, 35MT, 1113216, 1113217, 1113218, 1113222, 1113228, 1113229, 1113231, 1113232, 1113233, 1113234, 1113235, 1113236
 OD 12.70, Length 42.30

Pkg. 5


232829[#] Lever Stud

Replacing: 1948688, 1942255
 Servicing: 30MT, 35MT, 1113059, 1113089, 1113090, 1113100, 1113101, 1113111, 1113113, 1113114, 1113115, 1113119, 1113121, 1113124
 OD 9.50, Length 33.00

Pkg. 5


232830[#] Lever Stud

Replacing: 1942253
 Servicing: 30MT, 35MT, 1113059, 1113089, 1113090, 1113100, 1113101, 1113111, 1113113, 1113114, 1113115, 1113119, 1113121, 1113124
 OD 4.20, Length 30.50
 Clip: HC-CARGO 233148.

Pkg. 10



233692 Screw
 Servicing: 28MT
 Thread M6,
 Total length 55.80, Thread length 15.00

Pkg. 10



235735 Lever Support
 Replacing: 10512004
 ID 8.28, Length 37.67

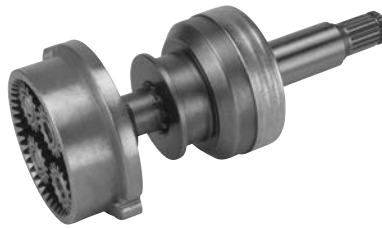
Clutches



234719 Clutch
 Servicing: 10455703, 10455709
 Total length 56.50



235715 Clutch
 Replacing: 235715, 10511410
 Servicing: 19011506, 19011507, 19011508,
 19011509, 19011510, 19011511, 19011512,
 19011513, 19011514, 19011515, 19011516,
 19011517
 ID 73.19, Total length 144.15, Splines 23



236079 Clutch
 ID 70.00, Total length 144.00,
 Splines 10, Rotation CR



236110 Clutch
 Servicing: 10461334, 10461753, 10461777
 ID 94.00, Total length 183.70,
 Splines 12, Rotation CR

Brush Gears



130520 Brush Gear
 Replacing: 1948515, 1945517
 Servicing: 40MT, 10461041, 10461045,
 10461046, 10461047, 10461048, 10461059,
 10461060, 10461061, 1113818, 1113820,
 1113824
 12/24 V, OD 107.00
 Brush set: HC-CARGO RX698, RX708.



130523 Brush Gear
 Replacing: 1967354, 1945849
 Servicing: 50MT, 10478827, 10478828,
 10478829, 10478919, 1109220, 1109221,
 1109222, 1109224, 1109274, 1109275,
 1109276, 1109277
 OD 117.90
 Brush set: HC-CARGO RX9212.



131346 Brush Gear
 Replacing: 1979494, 1979387
 Servicing: 40MT 400/450, 10461041,
 10461045, 10461046, 10461047, 10461048,
 10461059, 10461060, 10461061, 1114802,
 1114805, 1114807
 OD 106.45
 Brush set: HC-CARGO RX122H4, RX1224. Type
 400, 450.



131352 Brush Gear
 Replacing: 1988439, 1988122, 1988121
 Servicing: 42MT, 10461024, 10461025, 10461030,
 10461031, 10461043, 10461054, 10461068,
 10478809, 10478810, 10478820, 10478824
 OD 127.20
 Brush set: HC-CARGO RX1344, RX134h4.
 Insulated.



131362 Brush Gear
 Replacing: 1988323, 1987172, 1985323,
 1985303
 Servicing: 37MT, 1990308, 1990309, 1990310,
 1990311, 1990312, 1990313, 1990315,
 1990316, 1990317, 1990318, 1990319, 1990320
 12/24 V, OD 126.75
 Brush set: HC-CARGO RX1354, RX135H4.



131482 Brush Gear
 Replacing: 1985065, 1984974, 1981974
 Servicing: 50MT 400, 10478807, 10478808,
 10478813, 10478843, 10478844, 10478845,
 10478846, 10478848, 10478849, 10478850,
 10478851
 OD 117.20
 Brush set: HC-CARGO RX124H6.

Replacing Remy (Delco)



132945# Brush Gear

Replacing: d780, 10498540, 10472527
 Servicing: PG200, PG250, 9000719, 9000735, 9000762, 9000763, 9000768, 9000773, 9000775, 9000776, 9000789, 9000796, 9000797
 12 V, OD 77.15



134675 Brush Gear

Replacing: 3471783
 Servicing: 150, 155, 162, 163, 165, 168, 169, 172, 173, 174, 176, 177, 3471150, 3471154, 3471155, 3471162, 3471163, 3471165
 OD 76.00
 Brush set: HC-CARGO 140813, 140814, 140815.



134842 Brush Gear

Replacing: 10456456
 Servicing: 28MT, 10461470, 10465054, 10479600, 10479604, 10479605, 10479606, 10479607, 10479608, 10479611, 10479612, 10479613
 OD 77.30
 Brush set: HC-CARGO 140600, 140732. Brush spring: HC-CARGO 134843.



135720 Brush Gear

Replacing: 10470140, 10469238, 10468706, 10468705
 Servicing: 37MT, 41MT, 10478805, 10478806, 10478811, 10478812, 10478814, 10478815, 10478817, 10478818, 10478819, 10478925
 OD 127.00
 Brush set: HC-CARGO RX1354, RX135H4.



230391 Brush Gear

Replacing: 10476006
 Servicing: PG150, PG150S, PG260F1, 09000794, 09000801, 9000795, 9000817, 9000824, 96450663
 12 V, OD 66.00
 Brush set: HC-CARGO 141045. Brush spring: HC-CARGO 230390.



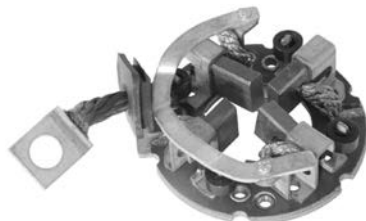
230396 Brush Gear

Replacing: 10475602
 Servicing: PG260M, 8000032, 8000321, 9000786, 9000798, 9000804, 9000805, 9000806, 9000812, 9000819, 9000820, 9000821, 9000822
 12 V, OD 57.75



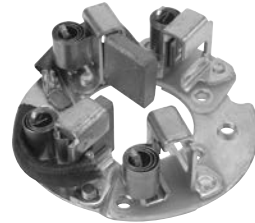
230406# Brush Gear

Replacing: 10467615
 Servicing: SD210, -260, 10455010, 10455011, 10455013, 10455025, 10455042, 10455048, 10455050, 10455053, 10455054, 10455070
 12 V, OD 75.20



230682 Brush Gear

Replacing: 10497269, 10467164
 Servicing: PG100, 09000756, 9000700, 9000751, 9000802, X16478
 12 V, OD 65.90
 Brush set: HC-CARGO 140755.



232671 Brush Gear

Replacing: 10493851
 Servicing: PG260F2
 12 V, OD 67.90



232968 Brush Gear

Replacing: 10472352
 Servicing: PG150, PG260F1, 21020761, 21020893, 21021366, 9000772, 9000785, 9000791, 9000833, 9000839, 9000840, 9000847, 9000859
 12 V, OD 66.00



232984 Brush Gear

Replacing: 10493840
 Servicing: PG260F2, 22506694, 24605594, 9000836
 12 V, OD 68.30



234768 Brush Box

Replacing: 10453919
 Servicing: PG260L, -M, 10465578, 12564108, 12570823, 3231471, 9000879, 9000885, 9000889, 9000895
 12 V, OD 68.75
 Neg. brushes. Pos. brushes: HC-CARGO 141242.

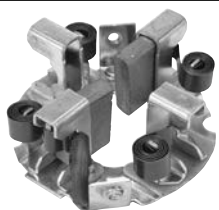


235390 Brush Gear
12 V



235500 Brush Gear

Replacing: 10470208, 10468892, 10468891
 Servicing: 10461082, 10461110, 10461169,
 10461170, 10461171, 10461181, 10461182,
 10461209, 10461210, 10461227, 10461282,
 10461333
 12/24 V, OD 127.10
 Brush set: HC-CARGO RX1354 (12 V),
 RX135H4 (24 V), 140600, 140732. Insulated.



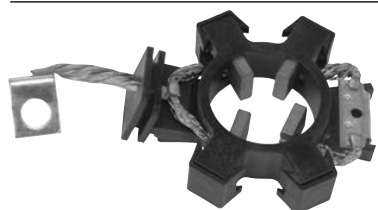
237851 Brush Gear

Servicing: 39MT, 19011501, 19024196
 24 V, OD 83.08
 Brush set: HC-CARGO 141067.



239582 Brush Gear

Servicing: 113136, 8000174, 96467385
 12 V



333422 Brush gear

Replacing: 10475107
 Servicing: 10455506
 OD 68.00

Brush Gear Parts

Brush Holders



131406 Brush Holder Kit

Servicing: 8MT, 10MT, 20MT, 22MT, 25MT, 27MT,
 10455300, 10455301, 10455304, 10455305,
 10455306, 10455308, 10455340, 10455355

Pkg. 5



132113 Brush Gear

Replacing: 800091, 1988414, 1955046,
 1950946, 1950546, 1946414, 1938587, 1926618
 Servicing: 30MT, 10455300, 10455301,
 10455304, 10455305, 10455306, 10455308,
 10455309, 10455310, 10455311, 10455312,
 10455314
 OD 16.15

Pkg. 5



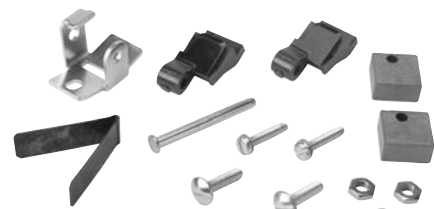
132114 Brush Gear

Replacing: 1893293
 Servicing: 5MT, 10455001, 10455004, 10455006,
 10455007, 10455008, 10455009, 10455015,
 10455016, 10455017, 10455018, 10455019
 OD 16.20



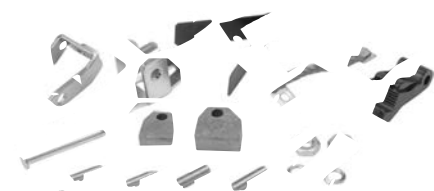
132730 Brush Holder Kit

Replacing: 1893929
 Servicing: 5MT, 10455006, 10455016,
 10455017, 10455019, 10455024, 10465018,
 1109526, 1109530, 1109534, 1109564,
 1998427, 1998514



132875# Brush Holder Kit

Servicing: 30MT, 35MT, 1113652, 1113683
 Insulated.



132876 Brush Holder Kit

Servicing: 30MT, 35MT, 1107557, 1109563,
 1113589, 1113594, 1113598, 1998337,
 1998339, 1998347, 1998455
 Grounded.



136924 Brush Gear

Replacing: 1952135
 Servicing: 30MT, 35MT, 1107547, 1107555,
 1107572, 1113130, 1113131, 1113133,
 1113135, 1113148, 1113156, 1113162,
 1113163, 1113190
 Insulated.

Brush Springs

Pkg. 10



132115 Brush Spring

Servicing: 5MT
 Length 26.15

Pkg. 10



132116 Brush Spring

Replacing: 1986019

Servicing: 25MT, 27MT, 10455500, 1109216, 1109219, 1109251, 1109252, 1109253, 1109255, 1109256, 1109257, 1109258, 1109259, 1109260

Length 35.20

Pkg. 10



132131 Brush Spring

Replacing: d3984, 1979994, 1945620

Servicing: 30MT, 1107515, 1107547, 1108427, 1108513, 1109217, 1113059, 1113089, 1113090, 1113100, 1113101, 1113105, 1113111

Length 38.63

Pkg. 10



133197 Brush Spring

OD 10.00, Length 18.60



134843 Brush Spring

Replacing: 10456460

Servicing: 28MT, 10461470, 10465054, 10479600, 10479604, 10479605, 10479606, 10479607, 10479608, 10479611, 10479612, 10479613

OD 14.40, Length 26.40

Pkg. 4



136926[#] Brush Spring

Replacing: 1861785

Servicing: 40MT, 50MT, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059, 10461060, 10461061, 10478827, 10478829

OD 11.20, Length 8.65

Pkg. 4



136927 Brush Spring

Replacing: 1979391

Servicing: 40MT, 50MT, 10478813, 10478843, 10478844, 10478845, 10478846, 10478848, 10478849, 10478850, 10478851, 10478852

OD 11.00

Pkg. 4



136928 Brush Spring

Replacing: 1985314

Servicing: 37MT, 41MT, 42MT, 10461169, 10478801, 10478802, 10478803, 10478804, 10478805, 10478806, 10478809, 10478810, 10478811

OD 19.50, Length 36.15

Pkg. 4



136929 Brush Spring

Replacing: 10498543

Servicing: PG200, -250, SD210, -260, 10455010, 10455011, 10455013, 10455025, 10455042, 10455048, 10455050, 10455053, 10455054

OD 14.10, Length 23.75

Pkg. 4



136946 Brush Spring

Replacing: 3472200

OD 10.25, Length 16.20

Pkg. 10



230390 Brush Spring

Servicing: PG150, PG150S, PG260F

OD 8.50, Length 15.80

Pkg. 10



230517 Brush Spring

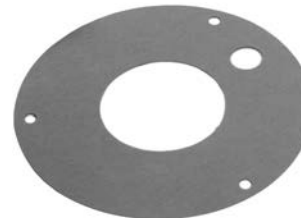
Replacing: d4954, d4951, 1940475, 1926622, 10498866

Servicing: 10MT, 10455300, 10455304, 10455330, 10455331, 10455332, 10455333, 10455334, 10455335, 10455336, 10455337, 10455338

OD 29.20, Length 34.95

Various

Pkg. 10



233001 Insulator

Replacing: 1964516

Servicing: 50MT, 10478800, 10478807, 10478808, 10478813, 10478827, 10478828, 10478829, 10478830, 10478843, 10478844, 10478845

Pkg. 10



233428 Screw

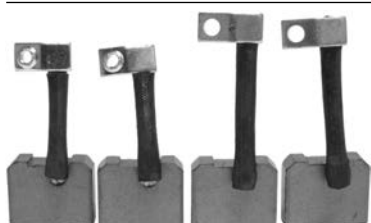
Replacing: 1968998, 1847807, 1846955
 Servicing: 20SI, 37MT, 40MT, 42MT, 1009812, 10459002, 10459003, 10459004, 10459005, 10459006, 10459007, 10459008, 10459009
 Thread 1/2",
 Total length 15.60, Thread length 12.20

Brush Sets



140600 Brush Set

Replacing: 10456458, 10456457
 Servicing: 28MT, 10465054, 10479604, 10479606, 10479607, 10479613, 10479614, 10479615, 10479617, 10479618, 10479619, 10479620
 12 V, Length 19.60, Lead length 37.00,
 Lead length 2 51.00, Height 25.00,
 Thickness 8.00



140732 Brush Set

Replacing: 10457120, 10457119
 Servicing: 28MT, 10461470, 10479600, 10479605, 10479608, 10479611, 10479612, 10479616, 10479623, 10479626, 10479627, 1113271
 24 V, Length 20.00, Lead length 49.00,
 Lead length 2 37.00, Height 25.00,
 Thickness 8.00



140737 Brush Set

Servicing: SD210, SD260, 10455010, 10455011, 10455013, 10455025, 10455042, 10455048, 10455050, 10455053, 10455054, 10455070
 12 V, Length 15.00, Lead length 128.50,
 Lead length 2 28.50, Height 15.00,
 Thickness 6.60



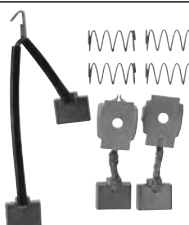
140755 Brush Set

Replacing: 1852898, 140755
 Servicing: PG100, 21020892, 21021648, 9000700, 9000751, 9000756, 9000758, 9000802, X16478
 12 V, Length 14.00, Lead length 25.50,
 Height 15.00, Thickness 5.60



140811 Brush Set

Replacing: dr751, 3471506
 Servicing: 1107203, 1108421, 3471143
 12 V, Length 14.00, Lead length 44.00,
 Lead length 2 45.00, Height 16.00,
 Thickness 6.00



140812 Brush Set

Replacing: dr700, 3471505
 Servicing: 141, 152, 3471141, 3471143, 3471144, 3471152
 12 V, Length 14.00, Lead length 86.00,
 Lead length 2 46.00/28.00, Height 16.00,
 Thickness 6.00



140813 Brush Set

Replacing: 3471625
 Servicing: 150, 168, 172, 3471150, 3471168, 3471172, 3471193
 12 V, Length 14.00, Lead length 43.00,
 Lead length 2 36.50, Height 16.00,
 Thickness 6.00



140814 Brush Set

Replacing: 3471764
 Servicing: 3471153, 3471154, 3471157, 3471162, 3471164, 3471165
 12 V, Length 14.00, Lead length 83.00,
 Lead length 2 37.00, Height 16.00,
 Thickness 6.00
 Alternative no.: R922



140815 Brush Set

Replacing: 3471834
 Servicing: 176, 3471153, 3471154, 3471155, 3471162, 3471164, 3471165, 3471169, 3471170, 3471173, 3471174, 3471175, 3471176
 12 V, Length 14.00, Lead length 43.00,
 Lead length 2 84.00, Height 16.00,
 Thickness 6.00



140943 Brush Set

Replacing: 10499524
 Servicing: PG260, 8000032, 8000321, 9000786, 9000798, 9000805, 9000806, 9000812, 9000819, 9000820, 9000821, 9000822, 9000834
 12 V, Length 16.00, Lead length 28.00,
 Height 19.00, Thickness 6.00

Replacing Remy (Delco)



141045 Brush Set

Replacing: 10484034
 Servicing: PG260F1, 9000772, 9000785, 9000791, 9000794, 9000795, 9000817, 9000824, 9000884, 96208783, 96450663
 12 V, Length 11.00, Lead length 29.50, Height 16.00, Thickness 5.00



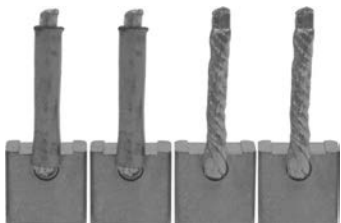
141114# Brush Set

Servicing: PG200, PG250
 12 V, Length 15.20, Lead length 72.00, Lead length 2 38.00, Height 21.80, Thickness 6.80



141190 Brush Set

Servicing: 10455503, 111089, 112847, 96208781, 96275481, 96569440
 12 V, Length 12.00, Lead length 38.00, Lead length 2 26.00, Height 12.90, Thickness 4.45



141230 Brush Set

Servicing: 00e091, 110397, 110566, 111534, 112161, 17610-q1010, cer3087
 12 V, Length 17.50, Lead length 36.00, Height 18.00, Thickness 8.00



141242 Brush

Servicing: PG260L, -M, 10453919, 10465521, 9000879, 9000885, 9000889, 9000895
 12 V, Length 13.50, Lead length 115.50, Height 18.00, Thickness 5.00
 Brush set: HC-CARGO 141210.

Pkg. 10



141270 Brush

Servicing: 10465521
 Length 13.50, Lead length 30.50, Height 18.00, Thickness 5.00
 Used w/ HC-CARGO 141242.



142043 Brush Set

Servicing: PG260D, 8000048, 8000180, 9000902, 9000934, 9000967, 96550792
 12 V, Length 12.50, Lead length 27.00, Height 15.00, Thickness 5.00



RX1074 Brush Set

Replacing: 1946491
 Servicing: 35MT, 1113391, 1113402, 1113432, 1113473, 1113476, 1113499, 1113652, 1113658, 1113659, 1113660, 1113662, 1113664
 12 V, Length 21.50, Height 20.50, Thickness 9.50



RX1084 Brush Set

Replacing: d762, 1893296
 Servicing: 5MT, SD200, SD250, 10455001, 10455004, 10455006, 10455007, 10455008, 10455009, 10455015, 10455016, 10455017, 10455018
 12 V, Length 13.50, Height 15.90, Thickness 6.50



RX1214 Brush Set

Replacing: 1852880
 Servicing: 25MT, 1109216, 1109218, 1109219, 1109495, 1109496, 1109500, 1109550, 1109559, 1109563, 1109565, 1109566, 1109567
 12 V, Length 19.00, Height 19.00, Thickness 8.00



RX1224 Brush Set

Replacing: 1852884
 Servicing: 40MT 400/450, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059, 10461060, 10461061, 1114802, 1114807, 1114808
 12 V, Length 21.00, Lead length 45.50, Height 38.10, Thickness 9.50



RX122H4 Brush Set

Replacing: 1852883, 1852882
 Servicing: 40MT 400/450, 1109295, 1109545, 1109790, 1114682, 1114687, 1114688, 1114805, 1114816, 1114830, 1114839, 1114840
 24 V, Length 21.00, Lead length 46.00, Height 38.10, Thickness 9.50


RX1246 Brush Set

Replacing: 1852887

 Servicing: 50MT, 10478813, 10478877, 10478881, 10478906, 10478917, 1990277, 1990298, 1993859, 1993864, 1993968
 12 V, Length 19.50, Lead length 44.00, Height 38.00, Thickness 8.00

RX124H6 Brush Set

Replacing: 1852888

Servicing: 50MT 400, 10478800, 10478807, 10478808, 10478843, 10478844, 10478845, 10478846, 10478848, 10478849, 10478850, 10478851

24-64 V, Length 21.50, Lead length 45.00, Height 37.80, Thickness 7.80


RX1344 Brush Set

Replacing: 1852892

Servicing: 42MT, 10478801, 10478802, 10478803, 10478804, 10478809, 10478810, 10478824, 10478894, 10478918, 10478931, 10478932

12 V, Length 24.90, Lead length 40.00, Height 36.60, Thickness 10.60


RX134H4 Brush Set

Replacing: 1852894

Servicing: 42MT, 10461024, 10461025, 10461030, 10461031, 10461043, 10461054, 10461068, 10478820, 10478836, 10478839, 10478892

24 V, Length 24.90, Lead length 40.00, Height 36.60, Thickness 10.60


RX1354 Brush Set

Replacing: 1852891, 1852889

Servicing: 37MT, 41MT, 10461169, 10478805, 10478806, 10478812, 10478818, 10478825, 10478890, 10478897, 10478921, 10478926

12 V, Length 26.60, Lead length 40.00, Height 28.60, Thickness 9.60


RX135H4 Brush Set

Replacing: 1852893

Servicing: 37MT, 41MT, 10478811, 10478814, 10478815, 10478817, 10478819, 10478826, 10478898, 10478925, 10478960, 10478961

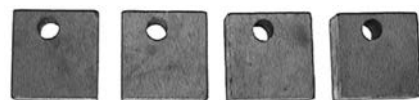
24 V, Length 26.60, Lead length 40.00, Height 28.60, Thickness 9.60


RX604 Brush Set

Replacing: d757, 1946400, 1906966, 1906945

Servicing: 5MT, 8MT, 10MT, 10455300, 10455301, 10455304, 10455305, 10455306, 10455308, 10455309, 10455310, 10455311, 10455312

12 V, Length 15.70, Height 19.10, Thickness 6.50


RX664 Brush Set

Replacing: 1906990, 1892890

Servicing: 30MT, 35MT, 1107515, 1107547, 1107548, 1107553, 1107555, 1107869, 1109051, 1109140, 1113101, 1113105, 1113113, 1113115

24 V, Length 19.00, Height 19.00, Thickness 9.50


RX698 Brush Set

Replacing: 1906988

Servicing: 40MT, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059, 10461060, 10461061, 1108951, 1108952, 1108953

12 V, Length 19.20, Lead length 40.00, Height 19.00, Thickness 9.50


RX708 Brush Set

Replacing: 1946483, 1946473, 1946407, 1906986

Servicing: 40MT, 1109827, 1113172, 1113386, 1113477, 1113483, 1113485, 1113487, 1113539, 1113540, 1113542, 1113544, 1113583

24 V, Length 19.20, Lead length 41.00, Height 19.00, Thickness 9.50


RX874 Brush Set

Replacing: 1946484, 1906987, 1906968, 1906962, 1906958

Servicing: 30MT, 35MT, 1109045, 1109046, 1109047, 1109048, 1109050, 1113001, 1113002, 1113003, 1113004, 1113005, 1113006, 1113007

12 V, Length 19.20, Height 19.20, Thickness 9.40


RX9212 Brush Set

Replacing: 1946487, 1946426, 1906989, 1906918

Servicing: 50MT, 10478827, 1109220, 1109221, 1109222, 1109224, 1109274, 1109275, 1109276, 1109277, 1109278, 1109279, 1109280

24 V, Length 19.20, Lead length 44.00, Height 19.10, Thickness 8.00


RX954 Brush Set

Replacing: 1976861, 1946434
 Servicing: 20MT, 25MT, 1107506, 1107508, 1107510, 1107511, 1107512, 1107513, 1107516, 1107517, 1107518, 1107519, 1107520, 1107521
 6/12 V, Length 19.00, Height 19.00, Thickness 9.50

Brushes

R909/0 Brush

Replacing: 140813
 12 V, Length 14.00, Lead length 37.65, Height 15.80, Thickness 5.90
 Alternative no.: 140813


R922 Brush

Replacing: 140814
 12 V, Length 14.00, Lead length 84.50, Height 15.80, Thickness 5.90
 Alternative no.: 140814


R924 Brush

Replacing: 140813
 12 V, Length 14.00, Lead length 43.50, Height 16.00, Thickness 6.00
 Alternative no.: 140813

Bushings

140036 Bushing

Replacing: 3471553
 Servicing: 141, 150, 152, 153, 155, 162, 163, 164, 165, 168, 169, 172, 173, 174, 176, 177, 3471141, 3471143, 3471144, 3471150
 ID 12.11, OD 14.08, Length 14.00
 Alternative no.: b140036


140053 Bushing

Replacing: 10472567
 Servicing: 37MT, 10478812, 10478815, 10478817, 10478818, 10478897, 10478898, 10478925, 10478926, 10478961, 10478999, 10479013
 ID 15.97, OD 19.12, Length 19.00
 Alternative no.: b140053


140064 Bushing

Replacing: 35070
 ID 12.07, OD 15.05, Length 20.00
 Alternative no.: b140064


140070 Bushing

Replacing: d1666, 38273, 1894636
 Servicing: 40MT, 1009812, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059, 10461060, 10461061, 1108701, 1108702
 ID 14.41, OD 19.19, Length 24.59


140071 Bushing

Replacing: d1674, 1943628
 Servicing: 35MT, 37MT, 40MT, 10461024, 10461025, 10461030, 10461031, 10461043, 10461054, 10461068, 10461169, 10478801, 10478802
 ID 14.31, OD 19.11, Length 19.20


140074 Bushing

Replacing: d1684, 1955994, 1955991, 1945509, 1942258, 1894635
 Servicing: 40MT, 50MT, 10461024, 10461025, 10461030, 10461031, 10461041, 10461043, 10461045, 10461046, 10461047, 10461048
 ID 15.93, OD 19.20, Length 21.92



140181 Bushing

Replacing: d1676, 810620, 35058, 1938743
 Servicing: 5MT, 8MT, 10MT, 25MT, 27MT, 10455300, 10455301, 10455305, 10455306, 10455308, 10455340, 10455603, 10496873, 10496874
 ID 14.30, OD 15.91, Length 16.49


140182 Bushing


Replacing: d1678, 820148
 Servicing: 25MT, 1107071, 1107146, 1107203, 1107539, 1107587, 1107588, 1107848, 1107849, 1107851, 1107852, 1107973, 1107977
 ID 19.00, OD 20.50, Length 18.50

Pkg. 5




140183 Bushing
 Replacing: d1688, 1932190, 1923904
 Servicing: 5MT, 10MT, 10455010, 10455011, 10455016, 10455017, 10455019, 10455025, 10455048, 10455053, 10455054, 10455300, 10455301
 ID 12.00, OD 13.17, Length 12.75

Pkg. 5




140184 Bushing
 Servicing: 5MT, 1007010044, 1107006, 1107012, 1107014, 1107015, 1107016, 1107017, 1107021, 1107024, 1107025, 1107028, 1107029
 ID 14.38, OD 15.90, Length 17.20

Pkg. 5




140185 Bushing
 Replacing: d1680, 1939345, 1839348, 1839345, 1836505
 Servicing: 25MT, 27MT, 1007003, 1107001, 1107005, 1107007, 1107008, 1107009, 1107013, 1107018, 1107019, 1107022, 1107023, 1107033
 ID 12.75, OD 14.30, Length 19.85

Pkg. 5




140206 Bushing
 Replacing: 1988096
 Servicing: 42MT, 10461024, 10461025, 10461030, 10461031, 10461043, 10461054, 10461068, 10478801, 10478802, 10478803, 10478804
 ID 21.25, OD 24.38, Length 25.10

Pkg. 5




140214 Bushing
 Replacing: 1985234
 Servicing: 37MT, 10461169, 10478805, 10478806, 10478811, 10478812, 10478814, 10478815, 10478817, 10478818, 10478819, 10478825
 ID 22.68, OD 25.70, Length 25.00

Pkg. 5




140215 Bushing
 Replacing: d1671, 1891927, 1872678
 Servicing: 35MT, 10455304, 10455355, 10455500, 1107051, 1107071, 1107081, 1107086, 1107090, 1107117, 1107146, 1107149, 1107185
 ID 14.30, OD 17.53, Length 19.00

Pkg. 5



140217 Bushing
 Replacing: d1689, 1862383
 Servicing: 20MT, 10455304, 10455312, 10455316, 10455317, 10455318, 10455319, 10455320, 10455321, 10455322, 10455323, 10455324
 ID 12.73, OD 15.94, Length 20.62

Pkg. 10



140262 Bushing
 ID 12.16, OD 13.20, Length 12.65
 Alternative no.: b140262

Pkg. 10



140268 Bushing
 ID 12.09, OD 16.00, Length 12.00
 Alternative no.: b140268

Pkg. 10



140269 Bushing
 ID 12.03, OD 16.02, Length 17.00
 Alternative no.: b140269

Pkg. 5



140404 Bushing
 Replacing: 1962606
 Servicing: 10MT, 20MT, 22MT, 25MT, 27MT, 10455322, 10455324, 10455325, 10455326, 10455331, 10455500, 1107295, 1107296, 1107297
 ID 19.19, OD 31.81, Length 10.29

Pkg. 10



140406 Bushing
 Replacing: 1933999
 Servicing: 30MT, 35MT, 1109219, 1113031, 1113059, 1113089, 1113090, 1113100, 1113101, 1113111, 1113113, 1113114, 1113115, 1113119
 ID 19.30, OD 22.60, Length 19.25

Pkg. 5



140477 Bushing

Replacing: 1923484, 1894637

Servicing: 40MT, 50MT, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059, 10461060, 10461061, 10478800, 10478807
ID 21.30, OD 24.50, Length 31.75

Pkg. 5



140478 Bushing

Replacing: 1894638, 1869755

Servicing: 50MT, 10478800, 10478807, 10478808, 10478813, 10478827, 10478828, 10478829, 10478830, 10478843, 10478844, 10478845
ID 17.50, OD 22.30, Length 28.45

Pkg. 10



140601 Bushing

Replacing: 10456459

Servicing: 28MT, 10461470, 10465054, 10479600, 10479604, 10479605, 10479606, 10479607, 10479608, 10479611, 10479612, 10479613
ID 14.03, OD 17.00, Length 16.20

Pkg. 10



140776 Bushing

Replacing: 1894023

Servicing: 10MT, 20MT, 22MT, 25MT, 27MT, 10455317, 10455318, 10455319, 10455321, 10455327, 10455336, 1107146, 1107588, 1108239
ID 19.00, OD 22.00, Length 18.00

Pkg. 10



140939 Bushing

Replacing: 10475580

Servicing: PG260, 22506694, 9000786, 9000798, 9000805, 9000806, 9000812, 9000819, 9000820, 9000821, 9000822, 9000834, 9000836
ID 6.10, OD 8.75, Length 10.65

Pkg. 5



140940 Bushing

Replacing: 10475582

Servicing: PG260, 8000032, 8000321, 9000786, 9000798, 9000805, 9000806, 9000812, 9000819, 9000820, 9000821, 9000822, 9000834
ID 9.90, OD 16.60, Length 8.05

Pkg. 5



140941 Bushing

Replacing: 10475631

Servicing: PG260, 9000786, 9000798, 9000805, 9000806, 9000812, 9000819, 9000820, 9000821, 9000822, 9000834
ID 8.10, OD 11.90, Length 9.10

Pkg. 5



140942 Bushing

Replacing: 10476599

Servicing: PG260, 22506694, 9000786, 9000798, 9000805, 9000806, 9000812, 9000819, 9000820, 9000821, 9000822, 9000834, 9000836
ID 22.35, OD 26.70, Length 9.00

Pkg. 5



140944 Bushing

Replacing: 1957017

Servicing: 8MT, 10MT, 25MT, 10455301, 10455305, 10455306, 10455308, 10455309, 10455310, 10455311, 10455312, 10455314, 10455315
ID 19.35, OD 20.60, Length 9.50

Pkg. 5



141046 Bushing

Servicing: PG150, PG260F1, 9000817, 9000824

ID 6.10, OD 10.00, Length 9.95

Pkg. 5



141047 Bushing

Servicing: PG260F1, 00E091, 110397, 112161, 9000817, 9000824, CER3087

ID 8.10, OD 12.00, Length 6.80

Pkg. 5




141048 Bushing

Servicing: PG260F1, 9000817, 9000824


ID 22.30, OD 28.60, Length 9.00

Pkg. 10




141122 Bushing
 Servicing: PG260F2, -G, -L, 22506694, 9000836, 9000884
 ID 10.00, OD 14.05, Length 9.35

Pkg. 10




141123 Bushing
 Replacing: d1682, 1923907
 Servicing: 8MT, 10MT, SD300
 ID 11.95, OD 13.15, Length 18.40

Pkg. 10




141124 Bushing
 Replacing: 1984530
 Servicing: 5MT, SD200, 10455018, 1109551, 1998447, 1998482, 1998529, 1998532, 1998547
 ID 13.00, OD 15.15, Length 12.40

Pkg. 10




141125 Bushing
 Servicing: PG260F2, 9000884
 ID 22.40, OD 26.70, Length 8.10

Pkg. 10




141126[#] Bushing
 Servicing: PG200, PG250
 ID 25.60, OD 31.80, Length 8.85

Pkg. 10




141127 Bushing
 Replacing: 10457076
 Servicing: 28MT, 10479619
 ID 13.00, OD 16.00, Length 15.90

Pkg. 10



141128 Bushing
 Servicing: 28MT
 ID 13.95, OD 16.05, Length 15.90

Pkg. 10




141202 Bushing
 Servicing: 112847, 113136, 8000174, 96275481, 96569440
 ID 10.03, OD/ collar 18.42, OD 14.00, Length 10.00, Height/ collar 2.00

Pkg. 10




142044 Bushing
 Servicing: 8000048, 8000180, 9000902, 9000934, 9000967, 96550792
 ID 6.00, OD/ collar 12.21, OD 8.79, Length 11.65, Height/ collar 3.00

Pkg. 5



142047 Bushing
 Replacing: 96550792
 Servicing: 8000180, 9000902, 9000934, 9000967, 96550792
 ID 22.34, OD 26.70, Length 5.50

Pkg. 10



232518[#] Bushing
 Servicing: 37MT, 40MT, 41MT, 42MT
 ID 13.25, OD 16.85, Length 16.20

Pkg. 100



B140036 Bushing
 Replacing: 3471553
 ID 12.11, OD 14.08, Length 14.00
 Alternative no.: 140036



Pkg. 100

B140053 Bushing

Replacing: 10472567
 ID 15.97, OD 19.12, Length 19.00
 Alternative no.: 140053

Pkg. 100



B140064 Bushing

Replacing: 35070
 ID 12.07, OD 15.05, Length 20.00
 Alternative no.: 140064

Pkg. 100



B140262 Bushing

Replacing: b140262
 ID 12.16, OD 13.20, Length 12.65
 Alternative no.: 140262

Bearings

Ball Bearings



Pkg. 10

140222 Ball Bearing

Replacing: 9440924, 10498718
 Servicing: 09000756, 09000794, 09000801, 10455506, 110566, 111534, 17610-Q1010, 1998518, 21020892, 21020893, 21021366, 21021648
 ID 8.00, OD 22.00, Height 7.00



Pkg. 10

140271 Ball Bearing

Replacing: 1989646
 Servicing: 00219091, 00219099, 10463007, 10463013, 10463014, 10463016, 10463017, 10463043, 10463097, 10463176, 10463187, 10463197
 ID 10.00, OD 26.00, Height 8.00



142021 Ball Bearing

Servicing: 39MT, 19011501, 19024196
 ID 28.00, OD 58.00, Height 16.00,
 Bushing w/o, Lock ring w/, Teflon ring w/
 w/ 2 internal grooves.

Needle Bearings

Pkg. 10



140242 Needle Bearing

Replacing: 9440923
 Servicing: PMGR series, M78, M79, 00E091, 09000794, 09000801, 10455506, 10461334, 110397, 110566, 111089, 112161, 112847, 113136
 ID 12.00, OD 16.00, Height 10.00, Rolls 18

Pkg. 10



140421 Needle Bearing

Replacing: 9441607, 10469066
 Servicing: 5MT, 10455001, 10455006, 10455008, 10455009, 10455012, 10455013, 10455015, 10455024, 10455042, 10455045, 10455046
 ID 11.13, OD 15.90, Height 12.70, Rolls 15



Pkg. 5

140468 Needle Bearing

Servicing: 21020892, 21020893, 21021366, 21021648, 9000700, 9000719, 9000735, 9000751, 9000756, 9000758, 9000762, 9000763, 9000773
 ID 8.00, OD 12.00, Height 10.00,
 Rolls 12

Pkg. 5



140470 Needle Bearing

Replacing: 9440922
 Servicing: PMGR series, 21020892, 21020893, 21021366, 21021648, 9000719, 9000735, 9000751, 9000758, 9000762, 9000763, 9000768
 ID 25.40, OD 31.75, Height 9.53,
 Rolls 24

Pkg. 5



140750 Needle Bearing

Replacing: 9441512
 Servicing: PG260F1, 00E091, 09000756, 110397, 112161, 21020892, 21020893, 21021366, 21021648, 9000700, 9000751, 9000758, 9000772
 ID 22.20, OD 28.60, Height 9.40,
 Rolls 24

Pkg. 5



140751 Needle Bearing

Replacing: 9441510
 Servicing: PG100, -150, 09000756, 21020892, 21020893, 21021366, 21021648, 9000751, 9000758, 9000772, 9000785, 9000791, 9000794
 ID 8.00, OD 12.00, Height 7.88,
 Rolls 12

Pkg. 10



141247 Needle Bearing

Servicing: 110397, 112161
ID 9.00, OD 13.00, Height 8.00,
Rolls 11

Repair Kits



130519 Repair Kit

Servicing: 40MT 200, 250, 300 series,
1113818, 1113824, 1113825, 1113827,
1113840, 1113842, 1113846, 1113849,
1113850, 1113851
24 V.



130529 Repair Kit

Servicing: 50MT 250, 300 series
24 V.



131348 Repair Kit

Servicing: 40MT 400, 450 series, 1114711,
1114842, 1114843, 1114845, 1114846,
1114848, 1114849, 1114850, 1114854,
1114856, 1114872



131490 Repair Kit

Servicing: 30MT, 35MT, 1113652, 1113683



131500 Repair Kit

Servicing: 42MT



131501 Repair Kit

Servicing: 42MT, Delco 24 V, 10461024,
10461025, 10461030, 10461031, 10461043,
10461054, 10461068, 10478980, 10478986,
10478998



132589 Repair Kit

Servicing: 37MT



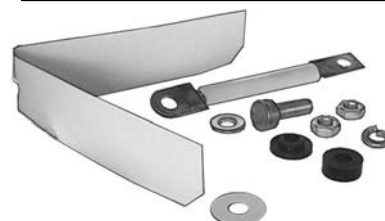
132590 Repair Kit

Servicing: 37MT



133324# Repair Kit

Servicing: 163, 3471143, 3471163, 3471171,
3471390



134840 Terminal Kit

Servicing: 28MT



137062 Repair Kit

Servicing: 50MT 400, 450 series, Delco,
10478864
24 V.



137063# Repair Kit

Servicing: 40MT, 1113818, 1113824,
1113825, 1113842, 1113850, 1113851,
1113858, 1113866, 1113876, 1113883,
1113887, 1113914



137064 Repair Kit

Servicing: 50MT, 10478864

Replacing Remy (Delco)



230539 Terminal Kit

Replacing: 1988340, 1988339, 1979451, 10498663

Servicing: 42MT, 10461024, 10461025, 10461030, 10461031, 10461041, 10461043, 10461045, 10461046, 10461047, 10461048, 10461054



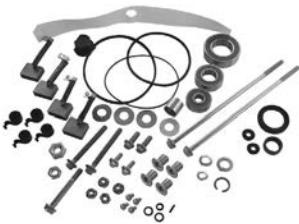
232935# Repair Kit

Servicing: 50MT, Type 250, 300



232937 Repair Kit

Servicing: 10MT, 20MT, 22MT, 25MT, 27MT



232941 Repair Kit

Servicing: 28MT

Sundry Parts

C.E. Covers

Pkg. 10



138225 Cover

Replacing: 10475583

Servicing: PG260, 8000032, 8000321, 9000786, 9000798, 9000805, 9000806, 9000812, 9000819, 9000820, 9000821, 9000822, 9000834

ID 14.30, OD 17.00, Height 4.85

Oil Seals

Pkg. 10



132682 Oil Seal

Replacing: 1918047, 1913433, 1891143, 1867150

Servicing: 30MT, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059, 10461060, 10461061, 10478800, 10478801, 10478802

ID 17.46, OD 34.80, Height 6.35

Pkg. 10



132825# Oil Seal

Replacing: 1937310

Servicing: 10MT, 10455325, 10455332, 10455500, 1107261, 1107295, 1107296, 1107297, 1107308, 1107322, 1107335, 1107377, 1107397

ID 17.65, OD 31.95, Height 6.35

Pkg. 10



135199 Oil Seal

Servicing: 28MT, 10479613, 10479615, 10479616, 10479617, 10479621, 10479623, 1113272, 1113276, 1113277, 1113285, 1113291, 1113292

ID 24.30, OD 35.10, Height 5.90

Pkg. 5



135642 Oil Seal

Replacing: 1937718

Servicing: 37MT, 10478805, 10478806, 10478811, 10478812, 10478814, 10478815, 10478817, 10478818, 10478819, 10478825, 10478826

ID 19.35, OD 35.20, Height 6.45

Pkg. 10



233048 O-ring

Replacing: 1921805, 1894643

Servicing: 30MT, 35MT, 37MT, 40MT, 41MT, 42MT, 50MT, 10461025, 10461031, 10461041, 10461045, 10461046, 10461047, 10461048

ID 8.65, Thickness 1.75

Pkg. 10



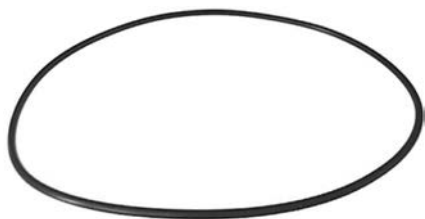
237844 Oil Seal

Servicing: 39MT, 19011501, 19024196

ID 28.30, OD 48.10, Height 5.60

O-rings

Pkg. 5



133965 O-ring

Replacing: 10456474

Servicing: 28MT, 10461470, 10465054, 10479600, 10479604, 10479605, 10479606, 10479607, 10479608, 10479611, 10479612, 10479613

ID 86.90, Thickness 1.50

Pkg. 5



133974 O-ring

Servicing: 28MT, 10461470, 10465054, 10479613, 10479615, 10479621, 10479623, 10479626, 10479627, 1113267, 1113270, 1113273

ID 79.00, Thickness 2.00, Material Rubber

Pkg. 10



134486 O-ring

ID 8.00, Thickness 2.00

Pkg. 10



134487 O-ring

Servicing: 1113827, 1113840, 1113853, 1113923, 1113942, 1113949, 1113950, 1113959, 1113960, 1113962, 1113967, 1113969, 1113982

ID 10.00, Thickness 2.00

Pkg. 10



134633 O-ring

Servicing: 110566, 1109290, 1113285, 1113827, 1113840, 1113853, 1113923, 1113942, 1113949, 1113950, 1113959, 1113960, 1113962

ID 6.00, Thickness 2.00

Pkg. 10



136340 O-ring

Replacing: 1916272

Servicing: 10461025, 10461031, 10478980, 10478986, 10478998, 10479111, 10479115, 10479252, 10479264, 1113827, 1113840, 1113853

ID 105.00, Thickness 4.00

Pkg. 10



139563 O-ring

Servicing: 28MT, 10461470, 10465054, 10479615, 10479621, 10479623, 10479626, 10479627, 1113267, 1113270, 1113273, 1113276, 1113277

ID 52.45, Thickness 1.95

Pkg. 10



230378 O-ring

Replacing: 1918621

Servicing: 19011501, 19024196, 8200009, 8200022, 8200037, 8200039

ID 3.70, Thickness 1.80

Pkg. 5



232434 O-ring

Servicing: 28MT, 10461470, 10479626, DRX67095, DRX67149

ID 5.00, Thickness 1.80

Pkg. 10



233046 O-ring

Replacing: 1914593

Servicing: 30MT, 35MT, 1113157, 1113190, 1113402, 1113626, 1113655, 1113672

ID 8.00, Thickness 1.80

Pkg. 10



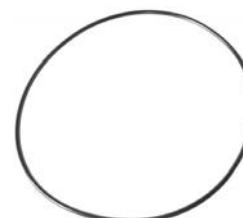
233049 O-ring

Replacing: 1985304

Servicing: 37MT, 41MT, 42MT, 10461025, 10461031, 10478980, 10478986, 10478998, 10479111, 10479115, 10479252, 10479264, 1990357

ID 56.70, Thickness 3.50

Pkg. 10

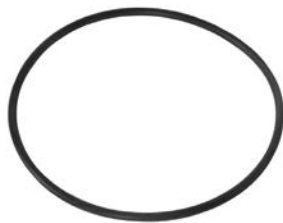


233050 O-ring

Replacing: 1985320

Servicing: 37MT, 41MT, 42MT, 10461025, 10461031, 10478980, 10478986, 10478998, 10479111, 10479115, 10479118, 10479252, 10479264

Thickness 2.50, Material Rubber



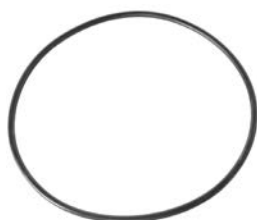
Pkg. 10

233051 O-ring

Replacing: 1985960, 1851960

Servicing: 30MT, 35MT, 37MT, 41MT, 42MT, 10461025, 10461031, 10478980, 10478986, 10478998, 10479111, 10479115, 10479252, 10479264

Thickness 2.50



Pkg. 10

233052# O-ring

Replacing: 1945860

Servicing: 50MT, 10478800, 10478807, 10478808, 10478813, 10478830, 10478843, 10478844, 10478845, 10478846, 10478848, 10478849

Thickness 3.50



Pkg. 10

233053 O-ring

Servicing: 37MT, 41MT, 42MT, 10479623, 1113277, 1113285

Thickness 1.70



Pkg. 10

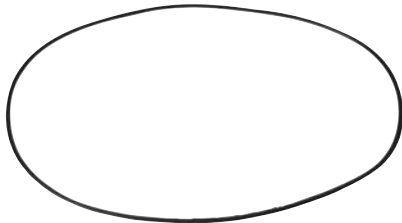
233057 O-ring

Replacing: 1914373, 1894642

Servicing: 30MT, 35MT, 37MT, 40MT, 41MT, 42MT, 50MT, 10461025, 10461031, 10461041, 10461045, 10461046, 10461047, 10461048

ID 5.70, Thickness 1.55

Pin kit: HC-CARGO 230362.



Pkg. 10

235736 O-ring

ID 102.60, Thickness 1.75, Material Rubber

Thru Bolts



Pkg. 2

139799 Through Bolt

Replacing: 1960908

Servicing: 1107506, 1107508, 1107509, 1107510, 1107511, 1107512, 1107513, 1107515, 1107516, 1107517, 1107518, 1107519, 1107520

Total length 195.70, Length/ rear collar 190.50, Thread length 28.00, Thread size 1/4" UNC



Pkg. 2

230012 Through Bolt

Replacing: 1939970, 1931654

Servicing: 10455300, 10455301, 10455304, 10455305, 10455306, 10455308, 10455309, 10455310, 10455312, 10455314, 10455315, 10455316

Total length 154.50, Length/ rear collar 149.00, Thread length 27.50, Thread size 1/4" UNC



Pkg. 2

230013 Through Bolt

Replacing: 1941111

Servicing: 10455300, 10455301, 10455305, 10455306, 10455308, 10455309, 10455310, 10455311, 10455334, 10455343, 10455344, 10455345

Length/ rear collar 150.50, Thread size 1/4" UNC, Thread size/ rear 1/4" UNC



Pkg. 2

230413 Through Bolt

Replacing: 1985150, 10467601

Servicing: 10455001, 10455006, 10455007, 10455009, 10455010, 10455011, 10455013, 10455015, 10455016, 10455017, 10455019, 10455024

Total length 136.70, Length/ rear collar 132.80, Thread length 29.70, Thread size 10-24 UNC



Pkg. 2

230418 Through Bolt

Replacing: 1893453

Servicing: 10455500, 1107557, 1109212, 1109213, 1109214, 1109215, 1109216, 1109217, 1109218, 1109495, 1113593, 1113594, 1113596

Total length 189.00, Length/ rear collar 183.00, Thread length 24.10, Thread size 1/4" UNC

Pkg. 10


230795 Through Bolt

Replacing: 1893276

Servicing: 1109521, 1109522, 1109523, 1109524, 1109526, 1109528, 1109530

 Total length 5.00 (7/8"),
 Length/ rear collar 149.20,
 Thread length 15.00/16",
 Thread size 10-24 UNC

Pkg. 2


233151 Through Bolt

Replacing: 10476002

Servicing: 09000794, 09000801, 9000795, 9000817, 9000824, 9000884, 96450663

 Total length 131.00, Thread size M5,
 Thread size/ rear M6

Pkg. 2


233152 Through Bolt

Servicing: 22506694, 9000836, 9000889

 Total length 155.65,
 Length/ rear collar 151.30,
 Thread length 21.30, Thread size M5

Pkg. 2


233153 Through Bolt

Servicing: 9000879, 9000885, 9000895

 Total length 166.75, Thread size M5,
 Thread size/ rear M5

Pkg. 2


233154 Through Bolt

Replacing: 10475638

Servicing: 8000032, 8000321, 9000786, 9000798, 9000805, 9000806, 9000812, 9000819, 9000820, 9000821, 9000822, 9000834, 9000835

 Total length 106.50,
 Length/ rear collar 102.00,
 Thread length 17.65, Thread size M5

Pkg. 10


233691 Through Bolt

Servicing: 10461470, 10465054, 10479613, 10479615, 10479621, 10479623, 10479626, 10479627, 1113267, 1113270, 1113273, 1113276

 Total length 185.40,
 Length/ rear collar 180.00,
 Thread length 34.25, Thread size M6

Pkg. 10


235686# Through Bolt

Replacing: 10511662, 10510083

Servicing: 19011506, 19011507, 19011508, 19011509, 19011510, 19011511, 19011512, 19011513, 19011514, 19011515, 19011516, 19011517

 Total length 159.50,
 Length/ rear collar 154.00,
 Thread length 31.38,
 Thread size M6x1.00

Various


131410 Stop Collar Kit

Replacing: 1928023

Servicing: 25MT, 27MT, 30MT, 10455304, 10455316, 10455317, 10455318, 10455319, 10455320, 10455321, 10455322, 10455323, 10455324


131442 Stop Collar Kit

Replacing: dr2001, 3471621

Servicing: 5MT, 8MT, 10MT, 10455006, 10455011, 10455013, 10455016, 10455017, 10455019, 10455024, 10455042, 10455050, 10455054

Pkg. 5


132056# Insulator

Replacing: 1967357, 1955989, 1945897

Servicing: 50MT, 10478800, 10478807, 10478808, 10478813, 10478827, 10478828, 10478829, 10478830, 10478843, 10478844, 10478845

Pkg. 5


132726 Adjustment Shims

Replacing: 9785608

 Servicing: 5MT, 10MT, 25MT
 OD 146.40, Thickness 0.50



Pkg. 5

132728# Adjustment Shims

Replacing: 563451
 Servicing: 10MT, 25MT, 27MT
 OD 146.40, Thickness 0.50



Pkg. 10

133023 Plug

Replacing: 9417501, 103893
 Servicing: 40MT, 50MT, 1009812, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059, 10461060, 10461061, 1108451, 1108452
 OD 26.20

Pkg. 10



133024 Plug

Replacing: 1949619
 Servicing: 30MT, 40MT, 42MT, 50MT, 10461025, 10461031, 10461041, 10461045, 10461046, 10461047, 10461048, 10461061, 10478800

Pkg. 10



133025 Plug

Replacing: 9419572
 Servicing: 30MT, 10455309, 10455310, 10455311, 10455344, 10455345, 10455346, 1108282, 1108286, 1108325, 1108345, 1108347, 1108350
 OD 15.90



Pkg. 10

133026# Plug

Replacing: 9411375
 Servicing: 30MT, 35MT, 1113059, 1113089, 1113090, 1113100, 1113101, 1113111, 1113113, 1113114, 1113115, 1113119, 1113121, 1113124
 OD 30.20, Height 4.75



Pkg. 10

133027 Gasket

Replacing: 1962603
 Servicing: 10MT, 20MT, 22MT, 25MT, 27MT, 10455325, 10455500, 1107295, 1107296, 1107297, 1107308, 1107322, 1107335, 1107377
 ID 69.15, ID/ mount. hole 5.75,
 OD 94.75, Thickness 1.50,
 No./ mount. holes 4, Material Rubber

Pkg. 10



134665 Felt

Replacing: 1955303
 Servicing: 40MT, 50MT, 1113827, 1113840, 1113853, 1113923, 1113942, 1113949, 1113950, 1113959, 1113960, 1113962, 1113967, 1113969
 OD 22.20

Pkg. 10



135290 Brake Washer

Servicing: 152, 163, 165, 3471143, 3471152, 3471154, 3471163, 3471165, 3471171, 3471390
 ID 12.10, OD 29.70, Thickness 2.00,
 Material Fiber



Pkg. 5

135938 Plug

Replacing: 1945356
 Servicing: 40MT, 50MT, 10461024, 10461025, 10461030, 10461031, 10461041, 10461043, 10461045, 10461046, 10461047, 10461048
 OD 34.93



Pkg. 5

138144 Ground Lead

Replacing: 1960864, 1926605
 Servicing: 10MT, 10455300, 10455301, 10455304, 10455305, 10455306, 10455308, 10455309, 10455310, 10455311, 10455312, 10455314
 ID 4.25, Length 16.25,
 Lead length 64.50, Width 9.45



138223 Plug

Servicing: PG260

Pkg. 10



138224 Drain Tube

Replacing: 10489381, 10475584
 Servicing: PG260, 22506694, 8000032, 8000321, 9000786, 9000798, 9000806, 9000812, 9000834, 9000835, 9000836, 9000860, 9000936
 ID 6.20, OD 8.15, Length 25.80

Pkg. 5


138659# Brake Washer

Replacing: 1986470

 Servicing: 10MT, 20MT, 25MT, 27MT,
10455317, 10455318, 10455319, 10455321,
10455323, 10455336, 1107588, 1113593,
1113594, 1113596

ID 20.50, OD 50.80, Thickness 3.20

Pkg. 5


138660 Brake Washer

Replacing: 821453

 Servicing: 10MT, 20MT, 25MT, 27MT, 30MT,
35MT, 10455301, 10455305, 10455306,
10455308, 10455309, 10455310, 10455311,
10455312

ID 19.10, OD 50.80, Thickness 2.40

Pkg. 5


138680 Ground Lead

 Replacing: 1987254, 1930694, 1892160,
1876361

 Servicing: 15MT/GR, 20MT, 22MT, 25MT,
27MT, 30MT, 35MT, 10455500, 1107547,
1107557, 1107572, 1107582, 1107588,
1107863, 1109216

 ID 4.30, Length 16.55,
Lead length 55.00, Width 8.90

Pkg. 10


139332 Screw

 Replacing: 1970469, 1968396, 1913100,
10499632

 Servicing: 37MT, 40MT, 42MT, 50MT, 1007003,
1007010044, 1009812, 10455300, 10455301,
10455304, 10455305, 10455306, 10455308

 Thread M10,
Total length 16.45, Thread length 11.25

Pkg. 5


139798 Grommet

 Replacing: 1955947, 1955946, 1893370,
1846097

 Servicing: 10MT, 15MT/GR, 20MT, 22MT,
25MT, 27MT, 10455300, 10455301, 10455304,
10455305, 10455306, 10455308, 10455309,
10455310

Pkg. 10


139983 Brake Washer

Replacing: 1985617, 1984076

 Servicing: 42MT, 10455006, 10455024,
10455317, 10455318, 10455319, 10455321,
10455322, 10455323, 10455324, 10455325,
10455326

ID 14.30, OD 33.30, Thickness 3.20

Pkg. 5


230017 Oil Wick

Replacing: 1986466, 1920400, 1916439

 Servicing: 10-27MT, 1009812, 10455321,
10455323, 10455336, 10455500, 10461041,
10461045, 10461046, 10461047, 10461048,
10461059

Height/ thickness 7.90

Pkg. 5

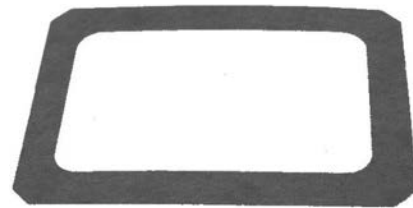

230029 Brake Washer

Replacing: 818265, 10498921

 Servicing: 10MT, 1007003, 10455300,
10455301, 10455304, 10455305, 10455306,
10455308, 10455309, 10455310, 10455311,
10455312

 ID 14.50, OD 33.50, Thickness 3.50,
Material Leather

Pkg. 10


230105 Insulator

Replacing: 1976832, 1927853

 Servicing: 8MT, 10MT, 10455304, 10455355,
10455600, 1107159, 1107201, 1107203,
1107204, 1107205, 1107209, 1107214, 1107215

Pkg. 10


230106 Grommet

Replacing: 1966391, 1945827, 1935168

 Servicing: 10MT, 1107201, 1107203,
1107204, 1107205, 1107206, 1107214,
1107215, 1107222, 1107224, 1107228,
1107229, 1107233

Dim. A 18.45, Dim. B 10.55, Dim. C 15.10

Pkg. 5


230107 Brake Washer

Replacing: 1914842

 Servicing: 10MT, 1007010044, 10455340,
10461041, 10461045, 10461046, 10461047,
10461048, 10461059, 10461060, 10461061,
1107006

 ID 14.30, OD 25.00, Thickness 1.60,
Material Steel

Pkg. 5


230188 Stop Collar

Replacing: 10456465

 Servicing: 28MT, 10461470, 10465054,
10479600, 10479604, 10479605, 10479606,
10479607, 10479608, 10479611, 10479612,
10479613

 ID 14.00, OD 20.00, Height 6.50
Used w/ retaining ring: HC-CARGO 230189.

Pkg. 5



230189 Retaining Ring

Replacing: 10456475

Servicing: 28MT, 10461470, 10465054, 10479615, 10479621, 10479623, 10479626, 10479627, 1113267, 1113270, 1113273, 1113276, 1113277

Thickness 2.00, Material Steel
Stop Collar: HC-CARGO 230189.



230408# Dust Cover

Replacing: 10467629

Servicing: SD210, -260, 10455010, 10455011, 10455012, 10455013, 10455025, 10455042, 10455048, 10455050, 10455053, 10455054
ID 44.65, OD 25.85, Height 25.85

Pkg. 10



230411 Drain Tube

Replacing: 10467614

Servicing: SD210, -260, 10455010, 10455011, 10455012, 10455013, 10455025, 10455042, 10455048, 10455050, 10455053, 10455054
ID 6.10, OD 9.10, Length 24.00

Pkg. 5



230414 Drain Tube

Replacing: 10497538

Servicing: PG100, -150, -200, -250, 9000719, 9000735, 9000762, 9000768, 9000773, 9000776, 9000797
ID 4.95, OD 7.65, Length 22.10

Pkg. 10



230416 Grommet

Replacing: 1984527

Servicing: 5MT, 10455001, 10455004, 10455006, 10455007, 10455008, 10455009, 10455015, 10455016, 10455017, 10455018, 10455019

Pkg. 10



230417 Oil Cup

Replacing: 1985246

Servicing: 37MT, 42MT, 10461024, 10461025, 10461030, 10461031, 10461043, 10461054, 10461068, 10478801, 10478802, 10478803

OD 14.30, Height 10.55

Pkg. 10



230419 Oil Cup

Replacing: 1978756

Servicing: 35MT ext rotatable, 40MT 400, 10461024, 10461025, 10461030, 10461031, 10461041, 10461043, 10461045, 10461046, 10461047

OD 15.90, Height 9.65

Pkg. 5



230472 Brake Washer

Replacing: 10499094

Servicing: 5MT, SD210, -260, 10455001, 10455004, 10455006, 10455007, 10455008, 10455009, 10455010, 10455011, 10455012, 10455013

ID 12.70, OD 33.30, Thickness 3.20,
Material Leather



230515 Screw

Replacing: 1914869

Servicing: 35MT, 37MT, 40MT, 42MT, 50MT, 1009812, 10461024, 10461025, 10461030, 10461031, 10461041, 10461043, 10461045, 10461046

Thread M8,

Total length 29.45, Thread length 24.55

Pkg. 10

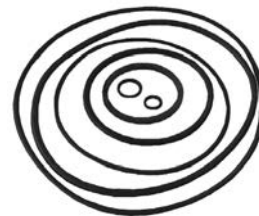


230516 Screw

Replacing: 1948537

Servicing: 10461024, 10461025, 10461030, 10461031, 10461041, 10461043, 10461045, 10461046, 10461047, 10461048, 10461054, 10461059

Total length 29.70, Thread length 21.45,
Thread size M5



230538 Seal Kit

Servicing: 37MT, 42MT



230540 Insulation Kit

Replacing: 1946765, 1944841, 1913027, 1906302, 1906046, 1906031, 1851632

Servicing: 42MT, 1009812, 10478800, 10478807, 10478808, 10478813, 10478830, 10478843, 10478844, 10478845, 10478846, 10478848


230541 Terminal Lead

Replacing: 1988129, 1988128

Servicing: 42MT, 10461024, 10461025, 10461030, 10461031, 10461043, 10461054, 10461068, 10478801, 10478802, 10478803, 10478804

ID 4.50, Lead length 92.80

Pkg. 10


230545# Brake Washer

ID 12.00, OD 30.00, Thickness 1.00


230555 Brake Washer

Replacing: 1911644

Servicing: 42MT, 10461025, 10461031, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059, 10461060, 10461061, 10478800

ID 21.40, OD 47.60, Thickness 4.80

Pkg. 5


230594 Connection

Replacing: 1978136, 1876358

Servicing: 20MT, 22MT, 25MT, 27MT, 10455500, 1107575, 1107581, 1107582, 1107583, 1107584, 1107586, 1107588, 1107589, 1107591

Mount. hole 4.00, Mount. hole 2 5.00, Total length 50.65

Connecting field coil to solenoid.


230595 Repair Lead

Servicing: 20MT, 22MT, 25MT, 27MT, 10455301, 10455304, 10455305, 10455306, 10455308, 10455340, 10455355, 10455603, 10496873

 ID 5.45, Length 19.40, Lead length 56.00, Width 11.05
 Repair lead for field coil.

Pkg. 10


230796 Washer

Replacing: 1914647

Servicing: 30MT, 35MT, 40MT, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059, 10461060, 10461061, 10478800, 10478807

ID 12.70, OD 22.30, Thickness 0.80, Material Steel

Pkg. 10


230798 Insulator

Replacing: 1922457, 1861791

Servicing: 40MT, 50MT, 1009812, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059, 10461060, 10461061, 10478800, 10478807

ID 12.70, OD 23.80, Height 2.20

Pkg. 5


232587 Plug

Replacing: 1989948

Servicing: PG200, -250, 09000756


232589 Plug

Servicing: 28MT

 OD 27.20, Height 19.85
 Plate: HC-CARGO 233397.

Pkg. 5


232590 Repair Lead

Replacing: 1988377, 1953236, 10497105

Servicing: 37MT, 40MT, 41MT, 42MT, 50MT, 10461025, 10461031, 10478820, 10478824, 10478836, 10479023, 10479024, 10479067, 10479069

 ID 13.00/5.00, Length 27.30/24.65, Lead length 209.10, Width 19.10/10.90
 Wire lead from C.E. terminal to solenoid.

Pkg. 5


232672# Repair Lead

Servicing: 5MT, SD200, SD250

 ID 3.95, Length 15.00, Lead length 56.35, Width 7.25
 Repair lead for field coil.

Pkg. 5


232673# Repair Lead

Servicing: 5MT, SD200, SD250

 ID 4.00, Length 14.80, Lead length 168.60, Width 7.20
 Repair lead for field coil.



Pkg. 5

232675# Repair Lead

Servicing: 10MT, SD300
ID 5.20, Length 15.95,
Lead length 70.85, Width 10.05
Repair lead for field coil.



Pkg. 5

232916 Gasket

Servicing: 40MT, 50MT
ID 93.50, ID/ mount. hole 16.85,
OD 137.35, Thickness 1.65,
No./ mount. holes 3



Pkg. 10

232917 Gasket

Replacing: 112632
Servicing: 10MT, 20MT, 22MT, 27MT
ID 89.50, ID/ mount. hole 10.20,
OD 153.45, Thickness 0.80,
No./ mount. holes 3



Pkg. 5

232918 Gasket

Replacing: 10475908
Servicing: PG260M, 8000032, 8000321,
9000786, 9000798, 9000805, 9000806,
9000812, 9000819, 9000820, 9000821,
9000822, 9000834
ID 59.00, OD 70.00, Thickness 0.40



232920 Seal

Servicing: PG260F2



Pkg. 5

232924 Gear Plate

Replacing: 10475642
Servicing: PG260M, 9000798, 9000804,
9000805, 9000806, 9000812, 9000819,
9000821, 9000822, 9000827, 9000834,
9000835, 9000844
ID 16.20, OD 70.45, Thickness 8.50

Pkg. 5



232928# Retaining Ring

Replacing: 1986928
Servicing: 37MT, 10478805, 10478806,
10478811, 10478814, 10478819, 10478825,
10478826, 10478890, 10478921, 10478927,
10478928



232929 Thermostat

Replacing: 10498158, 10468899
Servicing: 37MT, 41MT, 42MT, 10478824,
10478836, 10478953, 10478964, 10478965,
10478967, 10478979, 10478997, 10479019,
10479027



Pkg. 5

232933 Stop Collar

Replacing: 10457034
Servicing: 28MT, 10479619, 1113287
ID 13.00, OD 20.00, Height 6.40
Used w/ retaining ring: HC-CARGO 232934.



232985 Mounting Shim

Servicing: 5MT, 10MT
OD 124.20, Thickness 0.079"

Pkg. 5



232988 Thrust Collar

Replacing: 10495897, 10495828
Servicing: 5MT, 10MT, PG100, PG150,
10455001, 10455006, 10455008, 10455009,
10455010, 10455011, 10455012, 10455013,
10455015
ID 12.00, OD 19.00, Height 2.60
Stop collar: HC-CARGO 233013.

Pkg. 10



232993 Screw

Replacing: 10475635
Servicing: PG260F2, PG260M, 22506694,
8000032, 8000321, 9000786, 9000798,
9000805, 9000806, 9000812, 9000819,
9000820, 9000821
Thread M5-1.25, Total length 15.65,
Thread length 11.00, Slot type E6 torx

Pkg. 5


232994# Grommet

Replacing: 1893303

Servicing: 5MT, SD200, 1109521, 1109522, 1109523, 1109524, 1109526, 1109528, 1109530

 Dim. A 21.00, Dim. B 16.70, Dim. D 0.25
 Aluminium.

Pkg. 5


232995# Grommet

Replacing: 1893304

Servicing: 5MT, SD200, 1109521, 1109522, 1109523, 1109524, 1109526, 1109528, 1109530

Pkg. 5


232998 Insulator

Replacing: 1914873

Servicing: 30MT, 35MT, 37MT, 40MT, 41MT, 42MT, 50MT, 1009812, 10461025, 10461031, 10461047, 10478800, 10478807, 10478808, 10478813

232999 Insulator

Replacing: 1955990, 1949620

Servicing: 40MT, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059, 10461060, 10461061, 1113818, 1113820, 1113824

Pkg. 10


233000 Insulator

Replacing: 1988100

Servicing: 37MT, 41MT, 42MT, 10461025, 10461031, 10478801, 10478802, 10478803, 10478804, 10478805, 10478806, 10478809, 10478810


233007 Connection

Replacing: 1988134, 10476198

Servicing: 42MT, 10478968, 10478971, 10478977, 10478978, 10478980, 10478983, 10478984, 10478985, 10478986, 10478987, 10478988

 Mount. hole 7.55,
 Mount. hole 2 14.45, Total length 67.00
 Connecting field coil to solenoid.

Pkg. 5


233009 Retaining Ring

Replacing: 1928022

Servicing: 10MT, 15GR, 20MT, 22MT, 25MT, 27MT, 30MT, 35MT, 10455304, 10455316, 10455317, 10455318, 10455319, 10455320, 10455321

 Thickness 1.75, Material Steel
 Stop collar: HC-CARGO 233010.

Pkg. 5


233010 Stop Collar

Replacing: 1851546

 Servicing: 30MT, 35MT, 1113089, 1113090, 1113111, 1113115, 1113124, 1113136, 1113137, 1113138, 1113139, 1113150, 1113153, 1113155
 Used w/ retaining ring: HC-CARGO 233009.

Pkg. 5


233011 Stop Collar

Replacing: 1928021

Servicing: 10MT, 15GR, 20MT, 22MT, 25MT, 27MT, 30MT, 35M, 10455304, 10455340, 10455355, 1998281

 ID 14.30, OD 20.00, Height 4.00
 Used w/ retaining ring: HC-CARGO 233009.

Pkg. 5


233012# Thrust Collar

Replacing: 1964410

Servicing: 20MT, 22MT, 25MT, 27MT, 10455500, 1107575, 1107577, 1107582, 1107591, 1107599, 1107863, 1107871, 1109197, 1109208

 ID 12.50, OD 19.00, Height 2.70
 Stop collar: HC-CARGO 233011. Retaining ring: HC-CARGO 233009.

Pkg. 5


233013 Stop Collar

Replacing: 1927849

Servicing: 5MT, 8MT, 10MT, SD210, -250, -255, -260, -300, PG100, -150, -200, -250, 09000756, 09000794, 09000801, 10455001

 ID 12.00, OD 17.30, Height 4.30
 Used w/ retaining ring: HC-CARGO 233014.

Pkg. 5


233014 Retaining Ring

Replacing: 1927848

Servicing: 5MT, 8MT, 10MT, SD210, -250, -255, -260, -300, PG100, -150, -200, -250, 09000756, 09000794, 09000801, 10455001

 Thickness 1.60
 Use w/ HC-CARGO 233013.



Pkg. 5

233015 Thrust Collar

Replacing: 1941067, 1927850

Servicing: 5MT, 8MT, 10MT, SD200, -300, 10455004, 10455007, 10455016, 10455017, 10455018, 10455019, 10455020, 10455021, 10455022

ID 12.16, OD 17.50, Height 2.45

Stop collar: HC-CARGO 233013.



Pkg. 5

233142 Gasket

Replacing: 1964857

Servicing: 30MT, 35MT, 37MT, 40MT, 41MT, 42MT, 50MT

ID 33.50, OD 40.00, Thickness 2.50,

Material Rubber

Bracket: HC-CARGO 232565.



Pkg. 5

233144 Connection

Replacing: 1945862

Servicing: 50MT, 10478800, 10478843, 10478846, 10478848, 10478849, 10478850, 10478851, 10478852, 10478853, 10478854, 10478855

Mount. hole 14.55,

Mount. hole 2 14.55, Total length 55.25

Connecting field coil to solenoid.



Pkg. 10

233155 Adjustment Shims

Replacing: 14057993

Servicing: 5MT, 10MT, SD200, SD210

OD 122.00, Material Steel



Pkg. 5

233158 Oil Wick

Replacing: 1985247

Servicing: 37MT, 41MT, 42MT, 10461025, 10461031, 10478801, 10478802, 10478803, 10478804, 10478805, 10478806, 10478809, 10478810

Height/ thickness 10.50



Pkg. 5

233159 Oil Wick

Replacing: 1988138, 1978754

Servicing: 37MT, 41MT, 42MT, 10461025, 10461031, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059, 10461060, 10461061

Height/ thickness 13.00



Pkg. 5

233160[#] Plug

Servicing: 37MT, 41MT, 42MT

OD 21.00, Height 9.50



Pkg. 5

233162[#] Pipe Plug

Replacing: 9427882, 453465, 10476564, 10476561, 10040001

Servicing: 10MT, 20MT, 22MT, 25MT, 27MT, 30MT, 35MT, 40MT, 50MT, 1009812, 10455321, 10455323, 10455336, 10459003, 10459005



Pkg. 10

233408 Screw

Replacing: 9427815, 1984000, 1894931, 1891278

Servicing: 5MT, 10MT, 10455001, 10455004, 10455006, 10455007, 10455008, 10455009, 10455015, 10455016, 10455017, 10455018, 10455019

 Thread 10.32, Total length 41.00/64",
Thread length 1/2", Head type Hex
washer
w/ lock.


Pkg. 10

233411 Screw

Replacing: 9413260, 132255

Servicing: 5MT, 10MT, 15MT, 20MT, 22MT, 25MT, 27MT, 10455001, 10455004, 10455006, 10455007, 10455008, 10455009, 10455010, 10455011

 Thread 1/4"-20 UNF, Total length 20.40,
Thread length 15.50


Pkg. 10

233412 Screw

Replacing: 443527, 274875

Servicing: 10MT, 15MT, 20MT, 22MT, 25MT, 27MT, 10455300, 10455301, 10455304, 10455305, 10455306, 10455308, 10455309, 10455310

 Thread 8-32, Total length 47.00/64",
Thread length 5.00/8"

Hex washer head drive w/ serrated flange.

Pkg. 10



233413 Screw

Replacing: 1959514

Servicing: 15MT, 20MT, 22MT, 25MT, 27MT, 1107506, 1107508, 1107509, 1107510, 1107511, 1107512, 1107513, 1107515, 1107516, 1107517

Thread 8-32, Total length 53.00/64", Thread length 3.00/4", Head type Hex washer

Pkg. 10



233416# Screw

Replacing: 1930611

Servicing: 30MT, 35MT, 1009812, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059, 10461060, 10461061, 10478800, 10478807

Thread 1/4"-20.00, Total length 15.45, Thread length 5/16"

Pkg. 10



233417 Screw

Replacing: 1967747

Servicing: 10MT, 10455300, 10455301, 10455305, 10455306, 10455308, 10455309, 10455310, 10455311, 10455312, 10455314, 10455315

Thread 8-18, Total length 47.00/64", Thread length 5.00/8", Head type Hex washer w/ notch.

Pkg. 10



233418 Nut

Replacing: 9412305

Servicing: 35MT, 10461025, 10461031, 10461041, 10461045, 10461046, 10461047, 10461048, 10461059, 10461060, 10461061, 10478800

Thread 5/16"-24, OD 1/2", Lock nut Yes Nylon insert.

Pkg. 10



233419 Washer Kit

Replacing: 1970988

Servicing: 10MT, 20MT, 22MT, 25MT, 27MT, 10455314, 10455320, 10455322, 10455323, 10455324, 10455325, 10455326, 10455327, 10455331

ID 19.00/32.00, OD 9.00/32.00, Thickness 0.098"

Pkg. 10



233694 Washer

Servicing: 28MT

ID 10.45, OD 23.60, Thickness 0.20, Material Steel

Pkg. 10



233695 Washer

Servicing: 28MT

ID 10.50, OD 23.00, Thickness 0.80

Pkg. 10



233979# Insulator

Replacing: 1988125

Servicing: 37MT, 41MT, 42MT

Pkg. 5

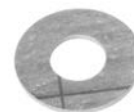


234301 Brake Washer

Servicing: 37MT

ID 23.80, OD 54.00, Thickness 3.40, Material Fiber

Pkg. 5



234302# Brake Washer

Replacing: 1985235

Servicing: 37MT, 10478805, 10478806, 10478811, 10478812, 10478814, 10478815, 10478817, 10478818, 10478819, 10478825, 10478826

ID 23.80, OD 54.00, Thickness 3.40

Pkg. 10



235239 Drain Tube

Servicing: 00E091, 110397, 110566, 111534, 112161, 17610-Q1010, CER3087

Replacing Remy (Delco)

Pkg. 10



235688 Stop Collar

Servicing: 19011501, 39mt
ID 18.00, OD 24.40, Height 5.80

Pkg. 10



235689 Retaining Ring

Replacing: 10511746
Servicing: 38mt, 39mt
ID/ housing 16.77,
OD/ housing 20.67, Thickness 1.98,
Material Steel, Position External
Stop collar: HC-CARGO 235688.

Pkg. 10



237966 Stud

Servicing: 10465054, 1113267, 1113270,
1113296
Thread 1/20", Thread 1/4",
Total length 33.50

Armatures
12 Volt

131930 Armature

Replacing: 2134013, 2130701

Servicing: 2130, dm2130

 3 kW, Shaft length 311.75,
Core thickness 73.65, No./ splines 6,
Rotation CR

Solenoids
Solenoid Parts
Solenoid Caps

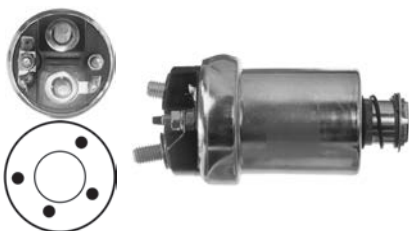
Pkg. 5


131320# Solenoid Cap

Replacing: 2137060

Servicing: 2130, 2140509, dm2130, dm2140

 No./ terminals 3, Bracket type Crimp
HC-CARGO 131007.

12 Volt

131006 Solenoid

Replacing: 2140509, 2140009

 12 V, B+ M8, Kl. 15a M5, Kl. 50 6.30,
OD 45.65, OD/ cover 48.45,
Total length 116.65, Height/ B+ 12.90,
Width/ kl. 15a 13.00, Width/ kl. 50 8.70,
Coil bolt M8, Coil bolt 2 7.75,
No./ terminals 4
Cap: HC-CARGO 133769.

132069 Solenoid

Replacing: 2137081

Servicing: 2130, dm2130, dm2134

 12 V, B+ M10, Kl. 50 M5, ID/ cover 29.60,
OD 57.00, OD/ cover 59.35,
Total length 176.75, Height/ B+ 15.45,
Width/ kl. 50 13.85, Coil bolt M10,
Coil bolt 2 13.45, No./ terminals 3

Drives

130434 Drive

Replacing: 2140108

 ID 12.00, OD 25.30,
OD/ housing 46.45, Total length 61.70,
Splines A 9, No./ teeth 9, Rotation CR

132070 Drive

Replacing: 2155004

Servicing: 2130, dm2130, dm2134

 ID 14.05, OD 34.50,
OD/ housing 63.00, Total length 77.50,
Splines A 6, No./ teeth 9, Rotation CR

Brush Sets

140465 Brush Set

Replacing: 2110501

Servicing: 2130, dm2130, dm2134

 12 V, Length 22.15, Lead length 38.00,
Height 19.90, Thickness 8.81

USX73-852 Brush Set

Replacing: 2140503

 12 V, Length 15.00, Lead length 50.00,
Height 15.00, Thickness 8.00

Brush set w/springs: HC-CARGO 140849.

Bushings

Pkg. 10


140040 Bushing

Replacing: 2142076

Servicing: M78, M79

 ID 12.00, OD 15.00, Length 12.00
Alternative no.: b140040

Pkg. 10


140043 Bushing

Replacing: 2140071

 ID 12.10, OD 15.05, Length 15.00
Alternative no.: b140043

Pkg. 10


140464 Bushing

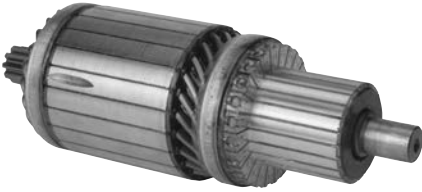
Replacing: 2130510

Servicing: 2130, dm2130

ID 13.98, OD 18.00, Length 16.30

Armatures

12 Volt



235787 Armature

Replacing: 1320-121-00X0

Servicing: 0355-502-0110

4.5 kW, Shaft length 164.30,
Core thickness 53.91, No./ splines 9,
No./ teeth 9

24 Volt



136517 Armature

Replacing: 1320-073-00x0

Servicing: 0350-552-0311, 0350-552-0324,
0350-552-0328, 0350-552-0334, 0350-552-
0338, 0350-552-0363, 0350-552-0367, 0350-
552-0415

5.5 kW, Shaft length 176.80,
Core thickness 65.00, No./ teeth 12



138964 Armature

Replacing: 1320-097-00x0

Servicing: 0350-602-0118, 0350-602-0140,
0350-602-0149, 0350-602-0233, 0350-602-
0240, 0350-602-0248, 0350-602-0250, 0350-
602-0258

6 kW, Shaft length 207.00,
Core thickness 65.00, No./ teeth 12



234106[#] Armature

Replacing: 1320-077-00x0

Servicing: 0350-402-0217, 0350-402-0228,
0350-402-0247, 0350-402-0251, 0350-402-0257,
0350-402-0260, 0350-402-0270, 0351-402-0116

4.5 kW, Shaft length 160.00,
Core thickness 58.00, No./ teeth 8



234107 Armature

Replacing: 1320-098-00x0

Servicing: 0350-502-0047, 0350-502-0057,
0351-502-0033, 0351-502-0042

4.5 kW, Shaft length 170.00,
Core thickness 58.00, No./ teeth 8



234108 Armature

Replacing: 1320-100-00x0

Servicing: 0350-702-0150, 0350-702-0160,
0350-702-0170, 0350-702-0180, 0350-702-0289,
0350-702-0294, 0350-702-0319, 0350-702-0329

7 kW, Shaft length 206.00,
Core thickness 75.00, No./ teeth 12

Field Cases



136524[#] Field Case

Replacing: 1310-072-00x0

Servicing: 0350-702-0141, 0350-702-0224,
0350-702-0226, 0350-702-0234, 0350-702-0235,
0350-702-0245, 0350-702-0249, 0350-702-0265

24 V, 7 kW, OD/ middle 115.60,
Length 121.20, Brush gear w/o,
Magnets w/o



136525[#] Field Case

Replacing: 1355-028-00x0

Servicing: 0350-552-0311, 0350-552-0324,
0350-552-0328, 0350-552-0334, 0350-552-
0338, 0350-552-0363, 0350-552-0367,
28100-1700

24 V, 5.5 kW, OD/ middle 100.50,
Length 81.00, Brush gear w/o,
Magnets w/o



138969[#] Field Case

Replacing: 1355-030-00x0

Servicing: 0350-602-0090, 0350-602-0092,
0350-602-0110, 0350-602-0118, 0350-602-
0130, 0350-602-0139, 0350-602-0210, 0350-
602-0212

24 V, 5.5/6 kW, OD/ middle 100.30,
Length 111.15, Brush gear w/o,
Magnets w/o

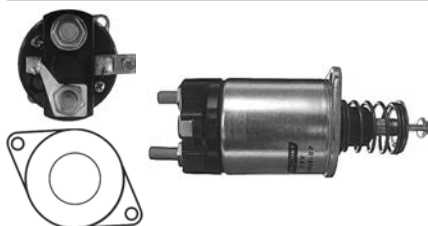


232483[#] Field Case

Replacing: 1310-108-00x0

Servicing: 0350-602-0250, 0350-602-0258,
0350-602-025X

24 V, 6 kW, OD/ middle 100.40,
Length 112.30, Brush gear w/o,
Magnets w/o

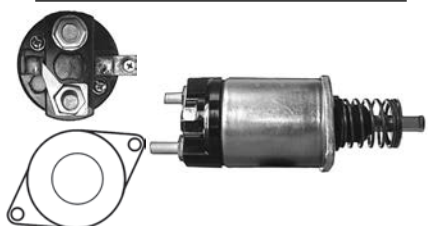
Solenoids
24 Volt

136170 Solenoid

Replacing: 1350-097-00x9

Servicing: 0350-552-0310, 0350-552-0311, 0350-552-0320, 0350-552-0324, 0350-552-0328, 0350-552-0330, 0350-552-0334, 0350-552-0338

24 V, B+ M10, Kl. 50 9.40, ID/ cover 21.80, OD 65.20, OD/ cover 64.75, Total length 195.45, Height/ B+ 25.10, Width/ kl. 50 24.95, Coil bolt M10, Coil bolt 2 17.55, No./ terminals 3

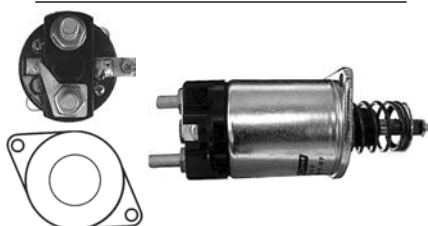
Cap: HC-CARGO 234554.


136171 Solenoid

Replacing: 1350-101-00x9

Servicing: 0350-702-0224, 0350-702-0226
24 V, B+ M10, Kl. 50 9.40, ID/ cover 22.30, OD 64.00, OD/ cover 64.65, Total length 203.25, Height/ B+ 24.40, Width/ kl. 50 25.20, Coil bolt M10, Coil bolt 2 18.35, No./ terminals 3

Cap: HC-CARGO 234554.

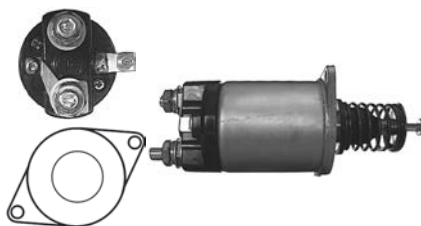

136173 Solenoid

Replacing: 1350-098-00x9

Servicing: 0350-402-0240, 0350-402-0244, 0350-402-0247, 0350-502-0010, 0350-502-0019, 0350-502-0020, 0350-502-0024, 0350-502-0027

24 V, B+ M10, Kl. 50 9.40, ID/ cover 22.15, OD 64.00, OD/ cover 64.35, Total length 193.45, Height/ B+ 25.00, Width/ kl. 50 26.00, Coil bolt M10, Coil bolt 2 18.65, No./ terminals 3

Cap: HC-CARGO 234554.

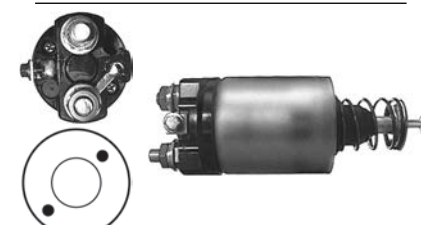

136174 Solenoid

Replacing: 1350-101-11x9, 1350-101-11x8, 1350-101-10x9

Servicing: 0350-702-0141, 0350-702-0230, 0350-702-0234, 0350-702-0235, 0350-702-0240, 0350-702-0245, 0350-702-0249, 0350-702-0260

24 V, B+ M10, Kl. 50 9.40, ID/ cover 22.30, OD 65.00, OD/ cover 64.65, Total length 199.30, Height/ B+ 25.60, Width/ kl. 50 24.10, Coil bolt M10, Coil bolt 2 18.55, No./ terminals 3

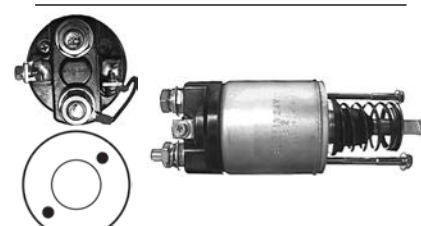
Cap: HC-CARGO 234554.


136522 Solenoid

Replacing: 1350-076-00x9

Servicing: 0350-602-0016, 0350-602-0020, 23300-96508, 23300-97061

24 V, B+ M10, Kl. 50 9.40, ID/ cover 22.25, OD 65.00, OD/ cover 64.80, Total length 192.80, Height/ B+ 23.70, Width/ kl. 50 13.00, Coil bolt M10, Coil bolt 2 17.90, No./ terminals 3

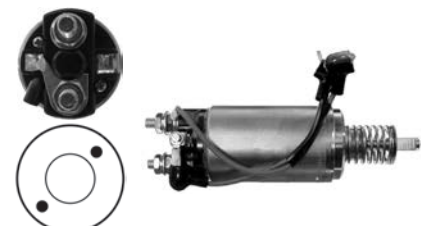

136523 Solenoid

Replacing: 1350-079-10x9, 1350-079-01x9, 1350-079-0109

Servicing: 0350-552-0062, 0350-552-0063, 0350-552-0110, 0350-552-0211, 03500-552-0211, 28100-1443, 28100-1630

24 V, B+ M10, Kl. 50 9.40, ID/ cover 22.00, OD 63.85, OD/ cover 64.30, Total length 195.00, Height/ B+ 24.30, Width/ kl. 50 14.20, Coil bolt M10, Coil bolt 2 18.55, No./ terminals 4

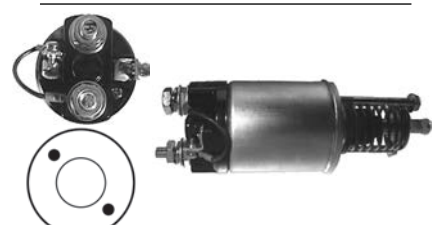
Cap: HC-CARGO 234552.


136540 Solenoid

Replacing: 1350-105-11x9, 1350-105-10x9, 1350-105-00x9

Servicing: 0351-702-0042, 0351-702-0073, 0351-702-0212, 0351-702-0224, 0351-702-0232, 0351-702-0243, 0351-702-0252, 0351-702-0292

24 V, B+ M10, ID/ cover 21.60, OD 69.90, OD/ cover 64.90, Total length 253.90, Height/ B+ 26.80, Coil bolt M10, Coil bolt 2 29.80, No./ terminals 4


137280 Solenoid

Replacing: 1350-084-0119, 1350-083-20x9

Servicing: 0350-702-0024, 0350-702-0025, 0350-702-0060

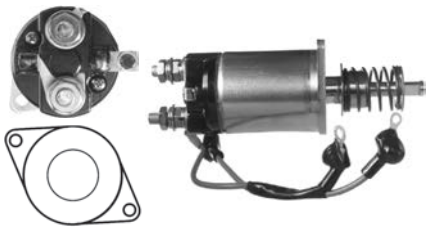
24 V, B+ M10, Kl. 15a 9.40, Kl. 50 9.40, ID/ cover 22.20, OD 65.00, OD/ cover 64.45, Total length 202.50, Height/ B+ 24.50, Width/ kl. 15a 12.30, Width/ kl. 50 12.40, Coil bolt M10, Coil bolt 2 17.85, No./ terminals 4


138967 Solenoid

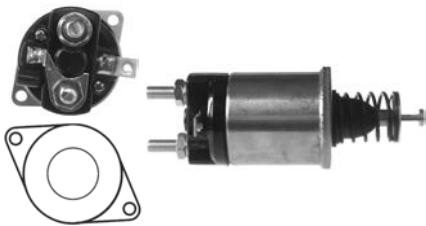
Replacing: 1350-111-11x9, 1350-111-10x9, 1350-109-32x9, 1350-109-31x9

Servicing: 0351-702-0610, 0351-702-0612, 0351-702-0620, 0351-702-0622, 0351-702-0630, 0351-702-0632, 0351-702-0680, 0351-702-0682

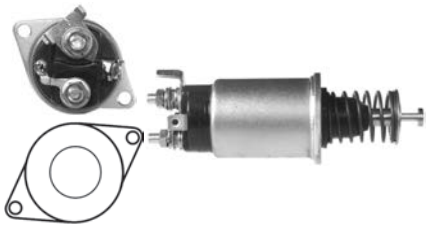
24 V, B+ M10, Kl. 50 9.40, ID/ cover 21.60, OD 69.85, OD/ cover 64.50, Total length 266.20, Height/ B+ 30.20, Width/ kl. 50 25.95, Coil bolt M10, Coil bolt 2 27.85, No./ terminals 3



232485# Solenoid
 Replacing: 1350-102-20x9
 Servicing: 0351-602-025X, 0351-602-0413, 0351-602-0423
 24 V, B+ M10, ID/ cover 20.80, OD 65.00, OD/ cover 65.00,
 Total length 205.25, Height/ B+ 30.70,
 Coil bolt M10, Coil bolt 2 25.70,
 No./ terminals 3



234544 Solenoid
 Replacing: 1350-114-02x9
 Servicing: 0350-502-0047, 0351-502-0042
 24 V, B+ M10, Kl. 50 9.40, ID/ cover 22.25, OD 64.70,
 OD/ cover 64.85, Total length 190.80,
 Height/ B+ 27.85, Width/ kl. 50 24.95,
 Coil bolt M10, Coil bolt 2 27.85,
 No./ terminals 3



234662 Solenoid
 Replacing: 1350-126-71x9, 1350-126-70x9, 1350-126-03X9, 1350-126-02x9
 Servicing: 0350-502-0214, 0350-502-0219, 0350-502-0233, 0350-502-0244, 0350-502-0512
 24 V, B+ M8, Kl. 50 9.40, ID/ cover 22.40, OD 52.20,
 OD/ cover 44.75, Total length 180.50,
 Height/ B+ 21.85, Width/ kl. 50 11.55,
 Coil bolt M8, Coil bolt 2 22.95,
 No./ terminals 3



333019 Solenoid
 Replacing: 1350-121-00X9
 Servicing: 0350-602-0233, 0350-602-0321
 24 V, B+ M10, OD 65.10,
 Total length 175.00, No./ terminals 3

Solenoid Parts

Solenoid Caps



234552 Solenoid Cap
 Servicing: 1350-079-01x9, 1350-079-10x9, 1350-084-01X9, 1350-084-10x9, 1350-121-00x9
 No./ terminals 3



234554 Solenoid Cap
 Replacing: 1359-063-00x9, 1359-063-00x8
 Servicing: 0350-402-0247, 0350-502-0019, 0350-502-0027, 0350-502-0067, 0350-502-0077, 0350-552-0311, 0350-552-0328, 0350-552-0338
 No./ terminals 3
 HC-CARGO 136170, 136171, 136173.

Moving Contacts



234551 Moving Contact
 Servicing: 1350-079-01x9, 1350-079-10x9, 1350-084-01X9, 1350-084-10x9, 1350-084-11X9, 1350-084-20X9, 1350-097-00x9, 1350-101-00x9
 Shaft measurement 31.85, Thickness 5.00
 Plate: 42.00x20.00x5.40 mm.

Drives

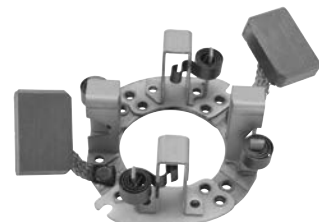


136511 Drive
 Replacing: 1361-053-10x0
 Servicing: 0350-702-0141, 0350-702-0150, 0350-702-0180, 0350-702-0224, 0350-702-0226, 0350-702-0234, 0350-702-0235, 0350-702-0245
 ID 20.10, OD 47.50,
 OD/ housing 80.20, Total length 96.35,
 Splines A 16, No./ teeth 11, Rotation CR



136512# Drive
 Replacing: 1361-049-01x0
 Servicing: 0350-552-0311, 0350-552-0324, 0350-552-0328, 0350-552-0334, 0350-552-0338, 0350-552-0343, 0350-552-0347, 0350-552-0353
 ID 17.00, OD 40.30,
 OD/ housing 71.60, Total length 80.80,
 Splines A 16, No./ teeth 11, Rotation CR

Brush Gears



136528 Brush Gear
 Replacing: 1331-046-00x0, 1331-043-00x0
 Servicing: 0350-702-0224, 0350-702-0234, 0350-702-0245, 0350-702-0265, 0350-702-0273, 0350-702-0284, 0350-702-0293, 0350-702-0314
 OD 76.60
 Neg. brushes. Brush set: HC-CARGO 140828.


136529 Brush Gear

Replacing: 1331-039-00x0

 Servicing: 0350-552-0311, 0350-552-0324,
0350-552-0328, 0350-552-0334, 0350-552-0338,
0350-552-0363, 0350-552-0367, 0350-552-0415

OD 72.65

Neg. brushes. Brush set: HC-CARGO 140829.

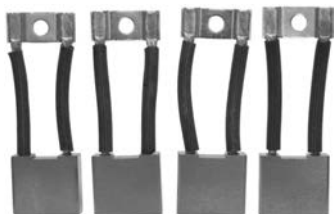

232484 Brush Gear

Replacing: 1331-039-10x0

 Servicing: 0350-552-0347, 0350-552-0357,
0350-552-0516, 0350-552-0910, 0350-602-
0250, 0350-602-0258, 0350-602-025X

24 V, OD 72.85

6 kW.

Brush Sets

140822# Brush Set

Replacing: 2660-006-00x0

 Servicing: 0300-552-0011, 0300-552-0210,
0300-552-0420, 0300-552-0910

 24 V, Length 25.00, Lead length 52.00,
Height 25.00, Thickness 8.00

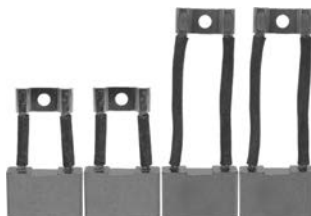
140823 Brush Set

Replacing: 2660-057-00x0

 Servicing: 0350-552-0020, 0350-552-0030,
0350-552-0063, 0350-552-0110, 0350-552-0141,
0350-552-0211, 0350-602-0016, 0350-602-0037

 24 V, Length 20.00, Lead length 37.50,
Height 28.00, Thickness 10.00

Pkg. 5


140824 Brush Set

Replacing: 2660-068-10x0, 2660-068-00x0

 Servicing: 0351-702-0031, 0351-702-0042,
0351-702-0073, 0351-702-0212, 0351-702-0224,
0351-702-0232, 0351-702-0243, 0351-702-0252

 24 V, Length 22.00, Lead length 73.00,
Lead length 2 37.00, Height 35.00,
Thickness 10.00

140828 Brush Set

Replacing: 2660-074-00x7

 Servicing: 0350-702-0141, 0350-702-0150,
0350-702-0180, 0350-702-0226, 0350-702-0235,
0350-702-0249, 0350-702-0265, 0350-702-0273

 24 V, Length 22.50, Lead length 61.00,
Lead length 2 37.50, Height 35.00,
Thickness 10.00

140829 Brush Set

Replacing: 2660-071-00x7

 Servicing: 0350-552-0311, 0350-552-0328,
0350-552-0338, 0350-552-0367, 0350-602-0092,
0350-602-0118, 0350-602-0139, 0350-602-0212

 24 V, Length 20.00, Lead length 39.50,
Height 28.00, Thickness 10.00

Bushings

Pkg. 10


140520 Bushing

Replacing: 2620-011-00x0, 2602-000-00x0

ID 19.00, OD 23.00, Length 19.00


140832 Bushing

Replacing: 2620-105-00x9

 Servicing: 0350-103-0012, 0350-702-0011,
0350-702-0025, 0350-702-0035, 0350-702-
0043, 0350-702-0060, 0350-702-0070, 0350-
702-0090

 ID 20.25, OD 23.30, Length 21.05
w/ teflon.

Pkg. 5


140835 Bushing

Replacing: 2620-094-00x9

 Servicing: 0350-402-0020, 0350-402-0116,
0350-402-0123, 0350-402-0133, 0350-402-
0217, 0350-402-0228, 0350-402-0247, 0350-
402-0251

 ID 17.10, OD 19.05, Length 19.96
w/ teflon.

140836 Bushing

Replacing: 2620-108-00x9

 Servicing: 0350-402-0010, 0350-402-0032,
0350-402-0260, 0350-402-0347, 0350-502-0020,
0350-502-0032, 0350-502-0060, 0350-502-0131

 ID 19.10, OD 19.10, Length 19.93
w/ teflon.

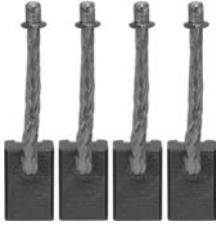
140838# Bushing

Replacing: 2620-106-00x9

 Servicing: 0350-702-0011, 0350-702-0025,
0350-702-0035, 0350-702-0043, 0350-702-
0060, 0350-702-0070, 0350-702-0090, 0351-
702-0011

 ID 35.56, OD 38.22, Length 21.87
w/ teflon.

Brush Sets



140574 Brush Set

Replacing: IM0006

Servicing: m.101-12v-0,4kw

12 V, Length 15.00, Lead length 35.00,
Height 10.00, Thickness 7.00

Drives
Drive Parts
Springs

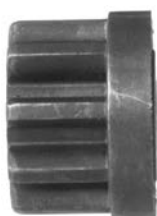
Pkg. 10


234256# Spring

 Replacing: 33431
 Servicing: 32468, 32468a, 32468b, 33605,
 33835, 35763, 35763a, 35765, 35765a
 OD 12.15, Length 25.95

Pinion

234121# Pinion

 Replacing: 33844
 Servicing: 33835
 ID 10.25, OD 32.00, Height 31.00,
 No./ teeth 11

234122# Pinion

 Replacing: 34949a
 Servicing: 34934, 35707, 35709, 36086, 36123
 ID 9.70, OD 26.90, Height 20.30,
 No./ teeth 9

Various

Pkg. 10


234254# Stop Collar

 ID 12.55, OD 28.65, Height 9.75
 Drive: HC-CARGO 234122.

Pkg. 10


234261# Retaining Ring

 Replacing: 33842
 Servicing: 33835, 36914

Brush Sets

141210 Brush Set

 Replacing: 33849
 Servicing: 33835
 12 V, Length 16.80, Lead length 35.00,
 Lead length 2 41.45, Height 9.50,
 Thickness 6.30

141211 Brush Set

 Replacing: 32572
 12 V, Length 14.20, Lead length 51.00,
 Height 9.40, Thickness 7.90

Bushings

Pkg. 10


141214 Bushing

 Replacing: STC7100, 141214
 ID 15.80, OD 20.00, Length 12.55

Pkg. 10


141215 Bushing

 Replacing: STC7101, 141215
 ID 10.00, OD 19.05, Length 12.25

Pkg. 10


141216 Bushing

 Replacing: STC7102, 141216
 Servicing: 33605, 33835
 ID 12.70, OD/ collar 19.10, OD 15.80,
 Length 11.40, Height/ collar 1.72

Pkg. 10


141217 Bushing

 Replacing: STC7103, 141217
 Servicing: 33835
 ID 9.60, OD/ collar 17.75, OD 12.70,
 Length 9.62, Height/ collar 1.63



Armatures

12 Volt



137042# Armature

Replacing: at13890, 1389040at30sm, 1389040

Servicing: 1149540MO30SM, 5071240MO30SM, sm02556, sm11495

Shaft length 184.60,
Core thickness 55.25,
No./ splines 6, Rotation ACR



137044# Armature

Replacing: at17800, at17767, 1780040at30sm, 1780040

Servicing: 1065221mo30sm, 4820440MO30SM, 4836940MO30SM, sm10652, sm11478, sm14916, sm48204

Shaft length 261.00,
Core thickness 55.00,
No./ splines 6, Rotation ACR



234213 Armature

Replacing: at13855, 1385540at30sm, 1385540

Servicing: 1077740dv30sm, 1122940-m030sm, 1799640MO30SM, 2030940mo30sm, 4367040mo30sm, 4367140mo30sm, 4367240MO30SM, 4769540mo30sm

Shaft length 198.50,
Core thickness 55.20,
No./ splines 6, Rotation ACR



234217 Armature

Replacing: 5667340, 5663540AT30SM

Shaft length 168.10,
Core thickness 55.25,
No./ splines 7, Rotation ACR

C.E. Brackets



136655 C.E. Bracket

Replacing: cp551353as, cp20716, cp20250, cp01456, 4743140cp30sm, 2071640cp30sm, 2025040cp30sm, 1693240cp30sm

Servicing: 0139940m030sm, 0228940mo30sm, 0246540mo30sm, 0246640MO30SM, 0599440-m030sm, 0599540mo30sm, 0797740mo30sm, 0996140mo30sm

12 V. w/ brushes.



136660 C.E. Bracket

Replacing: cp551406as, cp551406a, 5703840cp30sm, 5668140cp30sm, 1822140cp30sm, 1127040cp30sm, 0261240cp30sm

Servicing: 0203740sm30sm, 0255640-mo30sm, 157440MO30SM, 1574440MO30SM, 1574540mo30sm, 1819040mo30sm, 4438540MO30SM, 5059240MO30SM

12 V. w/ brushes.



137045 C.E. Bracket

Replacing: cp48749, cp48719, cp48231, cp48230, cp48229, cp17188, 4872940sc-30sm, 4872940cp30sm, 4872940

Servicing: 1065221mo30sm, 1147840MO30SM, 4820140MO30SM, 4820440MO30SM, 4820540MO30SM, 4836940MO30SM, 4838740mo30sm, 4886540mo30sm

12 V. w/ brushes.



231003# C.E. Bracket

Replacing: 5265040cp30sm

Servicing: 4412040M030SM, 5273440M030SM

12 V. w/ brushes.



231004 C.E. Bracket

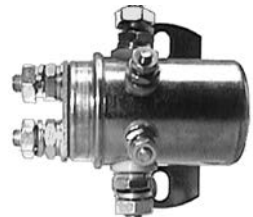
Replacing: cp18197a3, 566864cp30sm, 5668640c930sm, 2136140c930sm, 1819740cp30sm

Servicing: 1819140M030SM, 4733040mo30sm, 56666440M030SM, 5666640M030SM, SM18191

12 V. w/ brushes.

Solenoids

12 Volt



138068 Solenoid

Replacing: so51189

12 V, 200 Amp, Intermittent load 900 Amp., B+ 5/16" UNF, Kl. 50 10-32 UNF, OD 42.00, Total length 89.35, Height/ B+ 12.00, Width/ kl. 50 8.00, Coil bolt 5/16" UNF, Coil bolt 2 12.00, Seconds 5, No./ terminals 6 Silver contact.

24 Volt

230697 Solenoid

Replacing: 6095740

24 V, B+ M8, Kl. 50 6.30,
ID/ cover 22.60, OD 53.20,
OD/ cover 44.45, Total length 166.30,
Height/ B+ 22.20, Width/ Kl. 50 24.45,
Coil bolt M8, Coil bolt 2 22.20,
No./ terminals 3

Drives

135400 Drive

 Replacing: DV70175, dv18019,
7017540DV30SM, 7017540, 1801940dv30sm,
1801940

 Servicing: 0139940m030sm,
0228940mo30sm, 0246540mo30sm,
0246640MO30SM, 0319940m030sm,
0996340mo30sm, 1065221mo30sm,
1097028m030sm

ID 12.85, OD 31.75, Total length 36.75,
Splines A 6, No./ teeth 10, Rotation ACR
Bronze.


135401 Drive

Replacing: dv16375, 1637540dv30sm

 Servicing: 0255640-mo30sm,
4411940-m030sm, sm02556, sm44119,
SM48510

ID 12.85, OD 43.00,
OD/ housing 41.30, Total length 36.40,
Splines A 6, No./ teeth 11, Rotation ACR
Bronze.


135402 Drive

 Replacing: dv70104, dv47871, dv08154,
7010440dv30sm, 4787140dv30sm,
0815440dv30sm

 Servicing: 0814240M030SM,
4820440M030SM, 4820540M030SM,
4886540mo30sm, 5275640Mo30SM,
5672740M030SM, sm08142, sm14916,
sm17183

ID 12.15, OD 27.00, Total length 35.65,
Splines A 6, No./ teeth 8, Rotation ACR
Bronze.


135403 Drive

Replacing: dv02557, 0255740dv30sm

 Servicing: 0996140mo30sm, sm09961,
smh12b31, SMH12B37

ID 12.15, OD 29.00,
OD/ housing 41.75, Total length 35.00,
Splines A 6, No./ teeth 9, Rotation ACR
Bronze.


135404 Drive

Replacing: dv20346, 2034640dv30sm

 Servicing: 1122940-m030sm,
1574440M030SM, 1574540mo30sm,
1799640M030SM, 5059240M030SM,
5071240M030SM, SM002610, sm02610,
sm10629

ID 13.00, OD 36.55,
OD/ housing 41.80, Total length 35.50,
Splines A 6, No./ teeth 9, Rotation ACR


135406 Drive

Replacing: dv44192, 4419240dv30sm

 Servicing: 4412040M030SM,
5273440M030SM, sm44120

ID 12.85, OD 29.00,
OD/ housing 41.75, Total length 36.85,
Splines A 6, No./ teeth 9, Rotation ACR
Bronze.


135408 Drive

Replacing: dv18200, 1820040dv30sm

 Servicing: 1819040-mo30sm,
1819040mo30sm, 1819140M030SM,
2134940-M030SM, 2134940Mo30SM,
5213140-m030sm, 5213140M030SM

ID 12.15, OD 29.00,
OD/ housing 41.50, Total length 36.55,
Splines A 6, No./ teeth 9, Rotation ACR
Bronze.


135409 Drive

 Replacing: dv551067as, dv551067a,
dv551067, dv47338, 5695KT30SM,
5695340KT30SM, 4733840dv30sm

 Servicing: 0599440-m030sm,
0599540mo30sm, 1570140mo30sm,
1635340-m030sm, 4733040mo30sm,
5129640mo30sm, 5665740M030SM

ID 10.45, OD 32.25, Total length 28.00,
Splines A 7, No./ teeth 10, Rotation ACR



135410 Drive

Replacing: dv551092as, dv551092a

Servicing: smh12a102, smh12a201, smh12a202, SMH13A102, SMH13A201, SMH13A202, SMH13A62
ID 10.50, OD 32.20, OD/ housing 41.75, Total length 30.00, Splines A 4, No./ teeth 10, Rotation ACR Bronze.



230399 Drive Kit

Replacing: 6024140ge30sm

Servicing: 6013840Mo30SM, 6019440mo30sm
OD 40.00, Total length 19.50, No./ teeth 16

Drive Parts

Pinion



139395 Pinion

Replacing: 280104

ID 20.50, OD 41.00, Height 11.50, Splines 2, No./ teeth 16

Brush Sets



140714 Brush Set

Replacing: kt20249, kt10900, 6073540kt30sm, 5716740kt30sm, 5265440KT30SM, 4793640kt30sm, 2024940kt30sm

Servicing: 0139940m030sm, 0196540mo30sm, 0203740sm30sm, 0228940mo30sm, 0246540mo30sm, 0246640MO30SM, 0255640-mo30sm, 0319940m030sm

12 V, Length 11.10 (0.437"), Lead length 70.00, Lead length 2 34.44, Height 12.70 (0.500"), Thickness 7.90 (0.311") w/ bushings: HC-CARGO 140747.



140747 Brush Set

Servicing: smh12a102

12 V, Length 11.10 (0.437"), Lead length 73.50, Lead length 2 37.00, Height 12.70 (0.500"), Thickness 7.90 (0.311")



140749 Brush Set

Replacing: kt47601, kt21368, 4760140kt30sm, 2136840kt30sm

Servicing: 1819140M030SM, 2134940Mo30SM, 4367240M030SM, 4367340mo30sm, 4733040mo30sm, 5082740M030SM, 5129640mo30sm, 5213240Mo30SM

12 V, Length 11.10 (0.437"), Lead length 73.00, Lead length 2 37.00, Height 12.70 (0.500"), Thickness 7.90 (0.311")



141053 Brush Set

Replacing: 391705

12 V, Length 14.90 (0.587"), Lead length 43.50, Height 9.40 (0.370"), Thickness 6.20 (0.244")

Bushings

Pkg. 10



141226 Bushing

Replacing: bg661011s, 5664940

ID 13.20, OD 19.10, Length 11.90



141227 Bushing

Replacing: bg3037s

Servicing: 0139940m030sm, 0228940mo30sm, 0246540mo30sm, 0246640M030SM, 0255640-mo30sm, 0261040mo30sm, 0599440-m030sm
ID 8.50, OD 11.70, Length 10.00

Pkg. 10



141228 Bushing

Replacing: bg3038s

Servicing: 0139940m030sm, 0228940mo30sm, 0246540mo30sm, 0246640M030SM, 0255640-mo30sm, 0261040mo30sm, 0599440-m030sm
ID 17.10, OD/ collar 25.30, OD 20.10/25.30, Length 13.50, Height/ collar 1.55

Sundry Parts

Various



231162 Stop Collar Kit

Replacing: kt18900, 5695240KT30SM, 1890040kt30sm, 1890040

Servicing: 1819040mo30sm, 1819140M030SM, 2134940Mo30SM, 5213140M030SM, 5213240Mo30SM, 5666240-mo30sm, 5666240mo30sm

Armatures
12 Volt

130238 Armature

Replacing: ne029, 075658

Servicing: D8E121, D8E142, D8E152, D8E21, D8E81, D9E26, D9E37, D9E41

0.9 kW, Shaft length 239.55, Rotation CR, Core thickness 55.85, No./ splines 12


130241 Armature

Replacing: ne034, 077771

Servicing: D8E117, D8E133, D8E137, D8E139, D8E140, D8E147, D8E151, D9E11, D9E17, D9E19, D9E28, D9E7, D9E9

0.9/1.05/1.15 kW, Shaft length 250.35, Core thickness 56.00, No./ splines 12, Rotation CR


130949# Armature

Replacing: ne296

Servicing: 534002A, 534003A, 534003B, 534003C, 534004A, 534004B, 534005A, 534005B, 534005C

0.8/1 kW, Shaft length 210.00, Rotation CR, Core thickness 60.00, No./ splines 9


131020 Armature

Replacing: ne041, 095955

Servicing: D11E156, d11e161

2.5 kW, Shaft length 310.00, Rotation CR, Core thickness 76.00, No./ splines 12


131069 Armature

Replacing: ne040, 095425

Servicing: d11e153, d11e153t

2.9 kW, Shaft length 330.00, Core thickness 75.40, No./ splines 12, Rotation CR


131094# Armature

Replacing: ne288

Servicing: 532002A, 532002B, 532002C, 532003A, 532003B, 532004A, 532004B, 532004C, 532009A, 532009B, 532010A, 532010B, 532018A

0.8/0.95/1 kW, Shaft length 244.50, Core thickness 56.50, No./ splines 11, Rotation CR


131190 Armature

Replacing: ne050, 099741

Servicing: d11e172, d11e272

2.5 kW, Shaft length 282.90, Core thickness 75.65, No./ splines 9, Rotation CR


131813 Armature

Replacing: ne053, 102380, 101581

Servicing: d9e100, d9e101, d9e108, d9e123, d9e124, d9e125, d9e127, d9e129, d9e137, d9e138, d9e200, d9e237, d9e238, d9e276, d9e278

1.05/1.2 kW, Shaft length 188.70, Core thickness 60.00, No./ splines 9, Rotation CR


132027 Armature

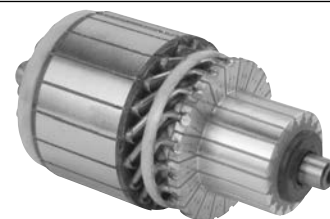
Replacing: 594148, 182175, 182049

Servicing: d9r105, d9r1050, d9r106, d9r116, d9r118, d9r119, d9r122, d9r126, d9r134, d9r135, d9r139, d9r142, d9r144, d9r149, d9r73

2/2.2/3.1 kW, Shaft length 137.70,

Core thickness 60.00, Rotation CR

Gear: HC-CARGO 135867.


132028 Armature

Replacing: 594028, 192053, 182053

Servicing: d9r112, d9r121, d9r84, D9RP256

2/3.1 kW, Shaft length 128.80,

Core thickness 60.00, No./ teeth 15,

Rotation CR

Gear: HC-CARGO 135867.


132107 Armature

Replacing: 182227, 104147

Servicing: D10E85, D10E88, D10E881, D10E882, D10E89, D10E92, D10E921, d15e30te

2.15 kW, Shaft length 238.50,

Core thickness 65.30, No./ splines 9,

Rotation CR


132109 Armature

Replacing: 105294

Servicing: d11e191, d11e192, d11e195

2.5 kW, Shaft length 305.00,

Core thickness 75.90, No./ splines 9,

Rotation CR



132173 Armature

Replacing: ne046, 098356
 Servicing: d11e169, d11e176
 2.8/2.9 kW, Shaft length 319.20,
 Core thickness 75.50, No./ splines 9,
 Rotation CR



132199 Armature

Replacing: ne054, 101649
 Servicing: d11e177
 1.4 kW, Shaft length 291.50,
 Core thickness 76.20, No./ splines 9



132486 Armature

Replacing: TM200B01601B
 Servicing: HK988300, MG120413, MG120445,
 MG122404, MG122433, tm000a06101,
 TM000A06901, TM000A14901
 2 kW, Shaft length 152.00,
 Core thickness 53.20, No./ teeth 9,
 Rotation CR/ACR



132618 Armature

Replacing: 101923
 Servicing: d9e31, d9e32, d9e40, d9e45,
 d9e53, d9e64, d9e75, d9e82, d9e87, d9e95
 1.05/1.2 kW, Shaft length 203.50,
 Core thickness 60.00, No./ splines 9,
 Rotation CR



133136 Armature

Replacing: ne042, 095981
 Servicing: D11E142, d11e159, d11e165
 1.95 kW, Shaft length 280.50,
 Core thickness 75.90, No./ splines 12,
 Rotation CR



133214 Armature

Replacing: ne500, 095965
 Servicing: d11e155
 2.9 kW, Shaft length 337.50,
 Core thickness 75.70, No./ splines 12,
 Rotation CR



133221 Armature

Replacing: ne295
 Servicing: 532012A, 532012B, 532021A,
 532023A
 0.75 kW, Shaft length 219.50,
 Core thickness 56.60, No./ splines 9,
 Rotation ACR



133970 Armature

Replacing: NC082, 092999
 3.5 kW, Shaft length 328.00,
 Core thickness 75.00, No./ splines 12,
 Rotation CR



134513 Armature

Replacing: 594526
 Servicing: d6ra10, D6RA100, D6RA105,
 d6ra11, D6RA115, d6ra12, d6ra13, D6RA132,
 d6ra133, d6ra15, d6ra16, d6ra162,
 D6RA165, D6RA168
 1.1 kW, Shaft length 111.90,
 Core thickness 44.20, No./ teeth 13,
 Rotation CR/ACR



134628 Armature

Replacing: ne089, 098360
 1.5 kW, Shaft length 257.50,
 Core thickness 65.00, No./ splines 10,
 Rotation CR



134736 Armature

Replacing: 2EM0689H
 Servicing: M000A0240Z, M35216, M39376,
 M39646, M43196, MC107023, MC108024,
 MC109015, MC109018, MC109021,
 MC109025, MC109028
 0.8 kW, Shaft length 183.10,
 Core thickness 60.00, No./ splines 8,
 Rotation CR



134935 Armature

Replacing: 074771
 Servicing: d11e131, d11e146
 2.9 kW, Shaft length 325.50,
 Core thickness 75.90, No./ splines 6,
 Rotation CR


135387 Armature

Replacing: ne824, 594344, 594278, 594112, 182591

Servicing: 1250128, d7r1, d7r11, d7r12, D7R127, d7r13, d7r14, d7r15, d7r151, d7r16, d7r17, d7r18, d7r19, d7r2, d7r20, d7r22, d7r23
1.4/1.7 kW, Shaft length 141.00, Core thickness 50.00, No./ splines 16


136427 Armature

Replacing: 074653

Servicing: d11e119, d11e119t, d11e129, d11e129t, d11e137, d11e141, D11E154
2.9 kW, Shaft length 337.50, Core thickness 75.65, No./ splines 6, Rotation CR


136881 Armature

Replacing: 095972

Servicing: d11e158, d11e160
2.6 kW, Shaft length 305.40, Core thickness 75.60, No./ splines 12, Rotation CR


137291 Armature

Replacing: 075371

Servicing: d11e120
2.6 kW, Shaft length 305.50, Core thickness 75.70, No./ splines 6, Rotation CR


139434 Armature

Replacing: 594519

Servicing: d7e1, d7e15, D7E16, d7e18, D7E19, D7E2, D7E20, D7E22, D7E23, D7E25, D7E27, d7e29, D7E30, d7e31, d7e32, D7E38, d7e4
0.85/1 kW, Shaft length 155.50, Core thickness 50.00, No./ splines 10


139593 Armature

Replacing: 594531, 594529

Servicing: D6RA100, D6RA105, D6RA107, D6RA115, D6RA12, D6RA137, d6ra138, d6ra141, D6RA15, d6ra161, D6RA163, d6ra168, D6RA185
1.1 kW, Shaft length 111.92, Core thickness 44.30, No./ teeth 8, Rotation CR


230250 Armature

Replacing: 594530, 594528

Servicing: 626002, d6ra100, d6ra101, d6ra104, d6ra105, d6ra107, d6ra108, d6ra109, d6ra110, D6RA114, d6ra115, D6RA15, D6RA167
1.1 kW, Shaft length 112.00, Core thickness 44.00, No./ teeth 7


233503# Armature

Replacing: 092010, 076828

Servicing: D8E116, D8E99
0.75 kW, Shaft length 231.40, Core thickness 55.90, No./ splines 9, Rotation ACR


233767 Armature

Replacing: 594518

Servicing: d7e1, d7e16, D7E18, d7e19, D7E2, d7e20, d7e22, d7e23, D7E25, d7e26, d7e27, D7E30, D7E31, D7E32, D7E38, D7E39, D7E4
0.85 kW, Shaft length 155.50, Core thickness 50.00, No./ splines 10, Rotation CR


235493# Armature

Replacing: 594520

Servicing: d7es2, d7es4
1.4 kW, Shaft length 160.40, Core thickness 50.00, No./ splines 10, Rotation ACR


235790 Armature

Replacing: NE018, 58071

Servicing: d11e102, d11e111, d11e135, d11e140, d11e144, D11E61, d11e70, d11e74, d11e75, d11e78, d11e84, d11e86, d11e93, d11e95
Shaft length 310.50, Core thickness 75.90, No./ splines 6, Rotation CR


235870 Armature

1.8 kW, Shaft length 145.50, Core thickness 49.70, No./ teeth 16



236611 Armature

Replacing: 594673, 236611
 Servicing: D6GS11, D6GS12
 1 kW, Shaft length 111.85,
 Core thickness 44.30, No./ teeth 13,
 Rotation CR



236796 Armature

Replacing: 236653
 Servicing: D6G1, D6G32, D6G321, TS12E9,
 TS14E11, TS14E110
 1.3 kW, Shaft length 111.90,
 Core thickness 44.25, No./ teeth 10,
 Rotation CR



239544 Armature

Replacing: 594112
 Servicing: 188839, d7r19, d7r22, d7r23, d7r28,
 d7r281, d7r33, d7r34, d7r35, d7r40, d7r43,
 d7r44, D7R46, d7r47, D7R48, d7r49, d7r53
 2.2 kW, Shaft length 141.95,
 Core thickness 50.00, No./ teeth 16,
 Rotation CR

24 Volt



132953 Armature

Replacing: 059724
 Servicing: d13e105, d13e111, d13e73,
 d13e73te, d13e74, d13e74te, d13e78, d13e78te,
 d13e79, d13e79te, d13e80, d13e88, d13e95
 7.7/8.4 kW, Shaft length 406.10,
 Core thickness 84.85, No./ splines 6,
 Rotation CR



132954[#] Armature

Replacing: 075914
 Servicing: D13E107TE, d13e109te, D13E110,
 D13E110TE, d13e76, d13e77, d13e77t, d13e86te,
 d13e87te, D13E93TE, D13E94TE, d13e96te
 8.8 kW, Shaft length 463.30,
 Core thickness 85.00, No./ splines 6,
 Rotation CR/ACR



132956 Armature

Replacing: 106062
 Servicing: d13e117te, d13e118te, d13e119te,
 d13e120te, d13e121te, d13e122te, D13E123,
 D13E1231TE, d13e123te
 8.8 kW, Shaft length 432.90,
 Core thickness 84.85, No./ splines 19,
 Rotation CR/ACR



139221[#] Armature

Replacing: 073695
 Servicing: d11e122, d11e122t, d11e128,
 d11e128t
 4.7 kW, Shaft length 342.55, Rotation CR,
 Core thickness 75.85, No./ splines 6



231466 Armature

Replacing: 594192
 Servicing: d13hp701, d13hp702, d13hp703,
 d13hp704, d13hp705, d13hp709
 7.7 kW, Shaft length 433.00,
 Core thickness 85.00, No./ splines 19,
 Rotation CR



233697 Armature

Replacing: ne936, 594219
 Servicing: D13HP601, d13hp605, d13hp607,
 d13hp608, d13hp609, d13hp613
 6.6 kW, Shaft length 397.00,
 Core thickness 84.80, No./ splines 19

Yokes w/magnets



133079 Gear Set

Replacing: 594237, 594234, 594232, 594207,
 594151, 594105, 594021, 594019, 594015
 Servicing: d6ra10, d6ra12, d6ra13, D6RA132,
 D6RA141, d6ra16, d6ra18, d6ra20, d6ra22,
 D6RA23, d6ra26, d6ra30, d6ra32, D6RA33
 12 V, 1.1 kW, Oil sealed No, Waterproof No
 Outer gear plate: HC-CARGO 133954.



135420 Gear Set

Replacing: 594022, 594020
 Servicing: D6RA15, D6RA47, D6RA7
 12 V, 1.1 kW
 Outer gear plate: HC-CARGO 133954.



136908 Gear Set

Replacing: 594024
 Servicing: d6ra20, D6RA21, D6RA42,
 D6RA43, D6RA44
 12 V, 1/1.3 kW, Rotation ACR


138187# Gear Set

Replacing: 594448, 594412, 594238, 594236
 Servicing: d6ra100, D6RA101, D6RA104, d6ra107, d6ra109, d6ra110, D6RA185, D6RA63, D6RA70, d6ra76, D6RA77, d6ra78, d6ra79, D6RA84
 12 V, 1/1.3 kW, Rotation ACR
 Outer gear plate: HC-CARGO 133954.


231072 Gear Set

Replacing: 594363
 Servicing: D6RA181, D6RA81
 12 V, 1.1 kW

12 Volt

137399 Yoke

Replacing: 594535, 594534
 Servicing: 626002, d6ra10, d6ra100, d6ra101, d6ra104, d6ra105, d6ra107, d6ra108, d6ra109, d6ra110, D6RA114, d6ra115, d6ra12
 12 V, 1.1 kW, OD/ middle 63.55, Length 96.25, Brush gear w/o, Magnets w/


230020 Yoke

Servicing: D6RA42, D6RA43
 12 V, OD/ middle 63.40, Length 96.25, Rotation ACR, Brush gear w/o, Magnets w/

Field Cases

135392 Field Case

Replacing: ne845, 594305, 594276, 594115
 Servicing: d7r1, d7r11, D7R12, D7R127, d7r13, d7r15, d7r151, d7r16, d7r17, d7r18, d7r2, D7R20, D7R22, D7R24, d7r25, d7r26, D7R27
 12 V, 1.4/1.7 kW, OD/ middle 76.30, Length 119.35, Brush gear w/, Magnets w/o
 Field coil: HC-CARGO 138857.


139985 Field Case

Replacing: 594354, 594277
 Servicing: 188839, d7r19, D7R23, d7r28, D7R281, D7R34, d7r36, D7R37, D7R40, d7r43, D7R46, D7R48, D7R49, D7R61, D7R64, D7RP204
 12 V, 2/2.2 kW, OD/ middle 76.20, Length 116.15, Brush gear w/, Magnets w/o
 Field coil only: HC-CARGO 233853.


231476 Field Case

Replacing: 594523, 594522, 594478, 594477
 Servicing: d7e1, d7e15, d7e16, d7e18, d7e19, D7E2, d7e20, d7e22, d7e23, D7E25, d7e26, d7e27, d7e29, D7E30, d7e31, d7e32, D7E38
 12 V, 0.85/1 kW, OD/ middle 78.30, Brush gear w/, Magnets w/o
 Brush gear: HC-CARGO 139224. Brush set: HC-CARGO PSX1554.


234386 Field Case

Replacing: 594394
 Servicing: d7r47, D7RS129, D7RS130, D7RS131, D7RS29, D7RS30, D7RS301, D7RS31
 12 V, 2 kW, OD/ middle 76.20, Length 116.50, Rotation ACR, Brush gear w/, Magnets w/o

Field Case Parts
Magnets

138850 Magnet (north)

Servicing: 626002, D6RA10, D6RA100, D6RA114, D6RA13, D6RA16, D6RA161, D6RA18, D6RA20, D6RA22, D6RA38, D6RA5, D6RA52, D6RA64
 Length 45.55, Height 8.00, Width 29.85, Pole type North


138851 Magnet (south)

Length 45.60, Height 10.40, Width 30.00, Pole type South

Field Coils
12 Volt

131127 Field Coil

Replacing: ne092, 102101, 101061, 099382
 Servicing: d9e100, d9e102, d9e131, D9E138, d9e200, D9E238, d9e300, d9e31, d9e32, d9e40, d9e43, d9e44, d9e45, d9e46, D9E49, D9E51
 12 V, 1.05 kW, Height 80.65, Width 197.40, Internal height 48.65, Inner width 24.20



132108# Field Coil

Replacing: ne103, 104150

Servicing: d10e85, d10e87, d10e88, d10e881, d10e882, d10e89, d10e90, d10e92, d10e921, d10e922

12 V, 2.15 kW, Height 110.65, Internal height 78.35, Inner width 25.00



132110# Field Coil

Replacing: ne427, 105328

Servicing: d11e191, d11e192

12 V, 2.5 kW, Height 144.45, Width 239.25, Internal height 85.45, Inner width 27.35



133167 Field Coil

Replacing: 182201, 099745

Servicing: d11e172, d11e272

12 V, 2.5 kW, Height 131.20, Width 268.25, Internal height 85.70, Inner width 26.00



133168 Field Coil

Replacing: ne098, 101646

Servicing: d11e177

12 V, 1.4 kW, Height 114.55, Width 255.70, Internal height 72.85, Inner width 25.20



133991 Field Coil

Replacing: 101582

Servicing: d9e101, d9e107, d9e108, d9e109, d9e110, d9e113, d9e114, d9e123, d9e124, d9e125, d9e127, d9e129, d9e132, d9e136, D9E137

12 V, 1.05 kW, Height 79.25, Width 197.80, Internal height 47.30, Inner width 24.00



134083# Field Coil

Replacing: ne081, 095033, 077774

Servicing: D9E11, d9e16, d9e21, D9E7, d9e9

12 V, 1.05/1.15 kW, Height 92.85, Width 189.20, Internal height 62.80, Inner width 20.40



134360# Field Coil

Replacing: ne510, 098802, 095755, 094701, 093566, 093141, 076885

Servicing: D8E109, d8e117, D8E121, d8e122, d8e124, D8E126, D8E132, D8E133, d8e137, D8E140, D8E142, D8E147, d8e151, D8E152, D8E21

12 V, 0.9 kW, Height 93.20, Width 184.60, Internal height 62.75, Inner width 16.95



136320 Field Coil

Replacing: 594240, 594157, 544059, 182498, 182051

Servicing: d9r105, d9r1050, d9r106, D9R116, d9r118, d9r119, d9r122, d9r126, d9r134, d9r135, d9r139, d9r142, D9R144, d9r149, d9r73

12 V, 2/2.2/3.1 kW, Height 85.00, Width 104.50, Internal height 47.25, Inner width 23.50



136428 Field Coil

Replacing: 074077

Servicing: d11e119, d11e119t, d11e129, d11e129t, d11e131, d11e137, d11e141, d11e146, d11e154, d11e155, d11e169

12 V, 2.9 kW, Height 119.45, Internal height 86.75, Inner width 26.70



137289 Field Coil

Replacing: 073315

Servicing: d11e118, d11e120, d11e158, d11e160

12 V, 2.6 kW, Height 101.50, Internal height 64.15, Inner width 26.15



138857 Field Coil

Replacing: 182594

Servicing: D7R1, D7R11, D7R12, D7R127, D7R13, D7R15, D7R151, d7r16, D7R17, D7R18, D7R2, D7R20, d7r24, D7R25, D7R26, D7R27, D7R3

12 V, 1.4/1.7 kW, Height 60.15, Internal height 31.15, Inner width 14.30
Yoke: HC-CARGO 135392.



233853# Field Coil

Servicing: 188839, d7r19, d7r28, D7R281, D7R37, D7R40, d7r43, D7R46, D7R48, D7R49, D7R61, D7R64

12 V, 2/2.2 kW, Height 65.40, Width 175.00, Internal height 34.80, Inner width 16.60


235789 Field Coil

Replacing: 97895

Servicing: d11e102, d11e111, d11e140, d11e144, D11E61, d11e70, d11e74, d11e75, d11e77, d11e93, d11e95, d11e97

12 V, 3 kW, Height 128.45, Width 251.00, Internal height 85.00, Inner width 25.50

24 Volt

137957 Field Coil

Replacing: 182039

Servicing: d13e117te, d13e118te, d13e119te, d13e120te, d13e121te, d13e122te, D13E123, D13E1231TE, d13e123te

24 V, 8.8 kW, Height 165.50, Internal height 110.90, Inner width 30.50


230599 Field Coil

Replacing: 594195

Servicing: d13hp701, d13hp702, d13hp703, d13hp705, d13hp709

24 V, 7.7/8 kW, Height 167.45, Width 306.80, Internal height 112.60, Inner width 27.85


230733 Field Coil

Replacing: 594221

Servicing: d13hp601, d13hp605, d13hp607, d13hp608, d13hp609, d13hp613

24 V, 6.6/7.2 kW, Height 145.00, Internal height 89.30, Inner width 29.15

C.E. Brackets

137219 C.E. Bracket

Replacing: TM009C02001Z

Servicing: MG120413, MG122404, MG122433, MG232415, tm000a06101, TM000A06901

ID 76.50


230032 C.E. Bracket

Replacing: 594253, 594130, 594129

Servicing: D6RA10, D6RA100, D6RA107, D6RA110, d6ra12, D6RA13, D6RA132, D6RA133, D6RA141, D6RA15, D6RA16, D6RA161, D6RA162, D6RA163

 Include: *Brush set: HC-CARGO PSX144-145K. Brush gear: HC-CARGO 133647. Gasket: HC-CARGO 134106.*

230214 C.E. Bracket

Servicing: d9r105, d9r118, D9R121, d9r122, d9r73, D9R84, d9r89, d9r90, d9r91, d9r97, d9r99


231000 C.E. Bracket

Replacing: 2EM0578E

Servicing: M000A0240Z, M04686, M35216, M39376, M39646, M43196, MC107023, MC108024, MC108027, MC108030, MC109011, MC109015

ID 84.50


231351[#] C.E. Bracket

Replacing: 180546

Servicing: D13E117TE, D13E118TE, D13E123, D13E1231TE, d13e123te, d13hp703

ID 101.00

w/ springs and negative brushes.

231354 C.E. Bracket

Servicing: 626002, D6RA10, D6RA100, D6RA101, D6RA104, D6RA105, D6RA107, D6RA114, D6RA115, D6RA12, D6RA13, D6RA137, D6RA138


233914[#] C.E. Bracket

Replacing: 73726n

Servicing: d11e122, d11e122t


235187 C.E. Bracket

Servicing: d7e1, d7e15, d7e16, d7e18, d7e19, d7e2, d7e20, d7e22, d7e23, D7E25, d7e26, d7e27, d7e29, D7E30, d7e31, D7E32, D7E39

D.E. Brackets

135485 D.E. Bracket

Replacing: 2EM0654B

Servicing: M39646, MC107012, MC107023, MC109018, MC109025, TM000A27301



230218 D.E. Bracket

Replacing: 096414

Servicing: D11E163, d11e169, D11E173, D11E176, d11e177, D11E187



231193 D.E. Bracket

Replacing: tm090a04301

Servicing: M39376, mc109032



231238 D.E. Bracket

Replacing: 594579

Servicing: d6ra132, d6ra162, D6RA163, D6RA249, D6RA293, d6ra32, d6ra62, D6RA93



231537 D.E. Bracket

Replacing: 594569

Servicing: d6ra133, d6ra33, d6ra46, d6ra56, d6ra61, d6ra72, d6ra73



231849 D.E. Bracket

Replacing: 100234



233125 D.E. Bracket

Servicing: d9r73



233317 D.E. Bracket

Replacing: 594488

Servicing: d7r13, d7r18, d7r25, d7r35



233318 D.E. Bracket

Replacing: 594487

Servicing: d7r12, D7R127, D7R2, d7r20, d7r24, d7r26, d7r27, D7R32, D7R4, D7R8, D8R27, D8R29



233801# D.E. Bracket

Servicing: d9r119, d9r149, D9RP160



234152 D.E. Bracket

Replacing: 594592

Servicing: d6ra83, D6RAD183, D6RADP359



234172 D.E. Bracket

Servicing: M52100, M53486, TM000A07901, TM000A08401



234188 D.E. Bracket

Replacing: 594573

Servicing: d6ra45, d6ra53



234390 D.E. Bracket

Replacing: 594501

Servicing: D7RS130, d7rs30, D7RS301



234391 D.E. Bracket

Replacing: 594502

Servicing: D7RS131, d7rs31



235133 D.E. Bracket

Replacing: 594510

Servicing: d7e19, d7e22, d7e27, d7e4, d7e6, TS10E3, TS10E4, TS10E5


235335 D.E. Bracket

Replacing: 594508

Servicing: d7e18, d7e28, D7E38, d7e4, d7e8, d7ed28, D7ED281

Bearing: HC-CARGO 141233.


236805 D.E. Bracket

Replacing: 594597

Servicing: d6ra105, d6ra115

I.M. Brackets


139139 I.M. Bracket

Servicing: d9r112, D9R116, D9R118, D9R119, d9r121, D9R122, D9R142, D9R144, D9R149, d9r73, d9r84, d9r89, d9r90, d9r91, D9R97, d9r99

Bushing: HC-CARGO 140258. Needle bearing: HC-CARGO 140375.


231196 I.M. Bracket

Replacing: TM008B00601Z

Servicing: HK988300, MG120413, MG120445, tm000a06101, TM000A14901


231720# I.M. Bracket

Replacing: 074657

Servicing: d11e118, d11e119, d11e120, d11e131, d11e137, d11e139t, d11e141, d11e146, d11e148, d11e158, D11E167T, d11e193

Solenoids

12 Volt


131009 Solenoid

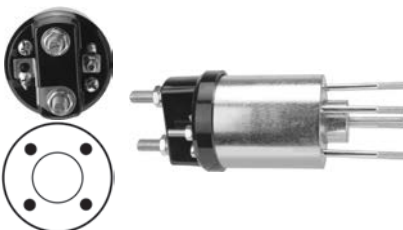
Replacing: ne361, ne355

Servicing: 532026A, 6020E, 6020EF, 6020F, 6035F, 6081E, 6081F

12 V, B+ M8, Kl. 50 6.30, OD 46.00, OD/ cover 47.80, Total length 107.80, Height/ B+ 16.00, Width/ kl. 50 16.35, Coil bolt M8, Coil bolt 2 8.55,

No./ terminals 3

Cap: HC-CARGO 131321.


131071 Solenoid

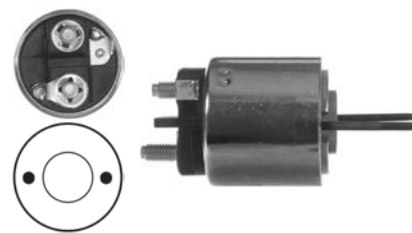
Replacing: ced539, ced512, ced510, ced502, ced501, 182438, 095759, 094795, 074764, 073302

Servicing: d10e47, d10e48, d10e54, d10e63, d10e64, d10e73, d10e80, d10e84, d11e118, d11e119, d11e119t, d11e120, D11E126, d11e129

12 V, B+ M8, Kl. 50 M5, OD 54.35, OD/ cover 60.80, Total length 171.35, Height/ B+ 14.70, Width/ kl. 50 11.50, Coil bolt M8, Coil bolt 2 11.35,

No./ terminals 3

Cap: HC-CARGO 134401.


131171 Solenoid

Replacing: ced529, 182461, 102217

Servicing: d10e88, d10e881, d10e882, d10e89, d10e90, d9e102, d9e108, d9e127, D9E36, d9e38, d9e48, d9e49, d9e50, d9e51, d9e53

12 V, B+ M8, Kl. 50 6.30, OD 53.90, OD/ cover 47.00, Total length 113.15, Height/ B+ 15.40, Width/ kl. 50 14.50, Coil bolt M8, Coil bolt 2 11.00, No./ terminals 3

Cap: HC-CARGO 132033.


131208 Solenoid

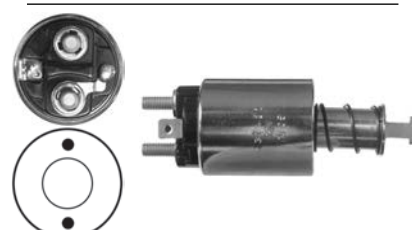
Replacing: 077265

Servicing: 6099C, 6099D

12 V, B+ M8, Kl. 50 6.30, OD 45.80, OD/ cover 47.75, Total length 127.65, Height/ B+ 16.70, Width/ kl. 50 9.25, Coil bolt M8, Coil bolt 2 9.80,

No./ terminals 3

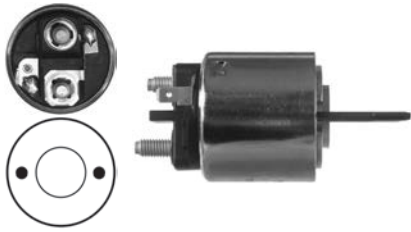
Cap: HC-CARGO 133768.


131431 Solenoid

Replacing: 442911

12 V, B+ M8, Kl. 50 9.40, OD 52.15, OD/ cover 44.35, Total length 125.55, Height/ B+ 18.70, Width/ kl. 50 11.70, No./ terminals 3

Cap: HC-CARGO 134620. Moving contact: HC-CARGO 139853.



131584 Solenoid

Replacing: ne138, ced544, ced538, ced533, 105489, 103794, 103489, 102849

Servicing: D10E88, D10E881, D10E882, D10E89, D9E127, D9E38, D9E48, D9E49, D9E51, D9E53, D9E56, D9E57, D9E61, D9E62, D9E64, D9E66

12 V, B+ M8, Kl. 50 6.30, ID/ cover 25.15, OD 54.00, OD/ cover 44.25, Total length 112.20, Height/ B+ 15.35, Width/ kl. 50 14.15, Coil bolt M8, Coil bolt 2 10.70, No./ terminals 3
Cap: HC-CARGO 132826. Moving contact: HC-CARGO 132037.

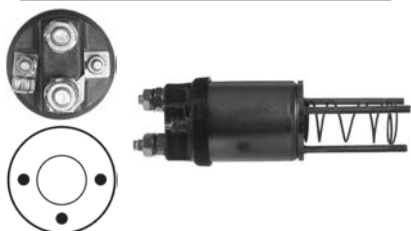


131797 Solenoid

Replacing: NE362

Servicing: 6056H, 6056J, 6109F, 6109G, 6109H, 6109K, 6109L

12 V, B+ M8, Kl. 50 M5, OD 45.80, OD/ cover 47.65, Total length 128.00, Height/ B+ 14.50, Width/ kl. 50 13.60, Coil bolt M8, Coil bolt 2 15.10, No./ terminals 3
Cap: HC-CARGO 133768.

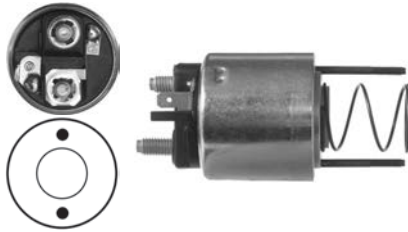


131798 Solenoid

Replacing: NE137, ne132, ced468, ced461, ced460, ced458, ced454, ced451, ced448, ced444, ced442, ced439

Servicing: d10e66, d10e72, d10e74, d10e79, d10e96, d8e107, d8e112, d8e115, d8e117, d8e120, d8e121, d8e123, d8e129, d8e130, d8e131

12 V, B+ M8, Kl. 15a M5, Kl. 50 6.30, ID/ cover 20.15, OD 46.75, OD/ cover 51.35, Total length 158.50, Height/ B+ 19.00, Width/ kl. 15a 10.00, Width/ kl. 50 12.45, Coil bolt M8, Coil bolt 2 14.55, No./ terminals 4
Cap: HC-CARGO 131333.

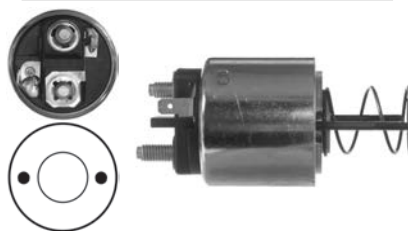


132024 Solenoid

Replacing: ced550, 181404

Servicing: d9e104, d9e40, d9r90, d9r96, d9r97

12 V, B+ M8, Kl. 50 6.30, ID/ cover 25.10, OD 54.00, OD/ cover 45.20, Total length 112.10, Height/ B+ 16.25, Width/ kl. 50 13.45, Coil bolt M8, Coil bolt 2 12.15, No./ terminals 3
Cap: HC-CARGO 132826.

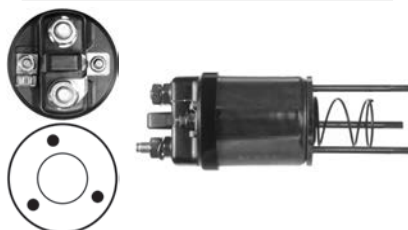


132025 Solenoid

Replacing: ced568, ced549, 594156, 594098, 181069, 100462

Servicing: d9r121, d9r122, D9R126, D9R73, D9R84, D9R89, d9r91

12 V, B+ M8, Kl. 50 6.30, ID/ cover 25.15, OD 54.00, OD/ cover 48.65, Total length 112.25, Height/ B+ 15.00, Width/ kl. 50 14.25, Coil bolt M8, Coil bolt 2 10.60, No./ terminals 3
Cap: HC-CARGO 132826.

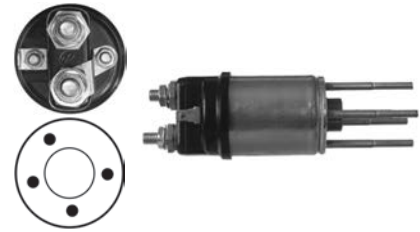


132268 Solenoid

Replacing: ne129, ced514, ced511, 300752, 182452, 102197, 098048, 096666

Servicing: d11e163, d11e164, d11e169, d11e172, d11e173, d11e176, d11e177, d11e178, d11e187, d11e272

12 V, B+ M8, Kl. 15a M5, Kl. 50 6.30, ID/ cover 25.10, OD 54.30, OD/ cover 59.50, Total length 164.40, Height/ B+ 22.25, Width/ kl. 15a 8.80, Width/ kl. 50 12.55, Coil bolt M8, Coil bolt 2 12.35, No./ terminals 4
Cap: HC-CARGO 134145.

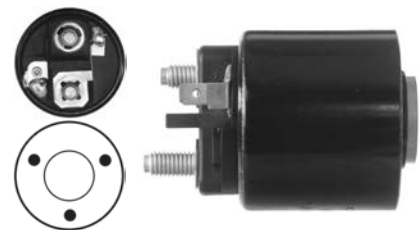


132623# Solenoid

Replacing: ne443, ced443, 182448, 096573

Servicing: d11e148, d11e161, d11e188, d11e192

12 V, B+ M8, Kl. 50 6.30, OD 47.50, OD/ cover 52.00, Total length 158.50, Height/ B+ 18.85, Width/ kl. 50 14.00, Coil bolt M8, Coil bolt 2 16.00, No./ terminals 3
Cap: HC-CARGO 131330.

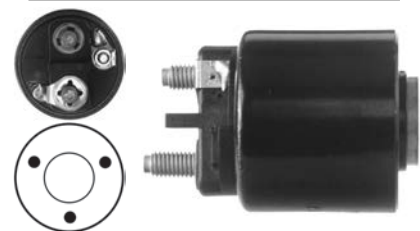


132976 Solenoid

Replacing: ne777, ced552, 594604, 594370, 594325, 594322, 594319, 594275, 594273, 594269, 594268, 594267

Servicing: D6RA10, d6ra12, d6ra13, D6RA141, D6RA15, d6ra20, D6RA210, D6RA39, d6ra40, D6RA41, d6ra42, D6RA44, D6RA45, D6RA46

12 V, B+ M8, Kl. 50 6.30, ID/ cover 25.30, OD 54.15, OD/ cover 46.15, Total length 80.60, Height/ B+ 16.00, Width/ kl. 50 12.60, Coil bolt M8, Coil bolt 2 11.00, No./ terminals 3
Cap: HC-CARGO 132826.

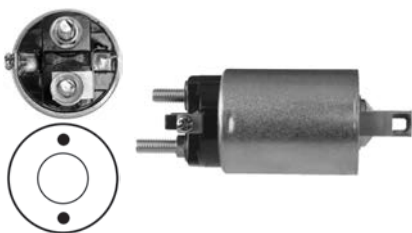


132977 Solenoid

Replacing: ne139, CES569, ced569, CED564, CED563, 594189, 594188, 594119, 594117, 594087, 594047, 182563

Servicing: 626002, d6ra107, d6ra109, D6RA114, D6RA12, D6RA16, D6RA161, d6ra162, D6RA168, D6RA17, D6RA18, D6RA19, d6ra22, D6RA23

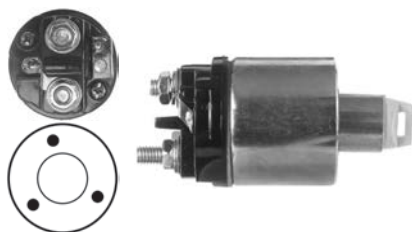
12 V, B+ M8, Kl. 50 6.30, ID/ cover 25.00, OD 54.00, OD/ cover 48.85, Total length 80.45, Height/ B+ 15.00, Width/ kl. 50 10.50, Coil bolt M8, Coil bolt 2 10.60, No./ terminals 3
Cap: HC-CARGO 134402.


133050 Solenoid

Replacing: TM400B08301

Servicing: tm000a06101

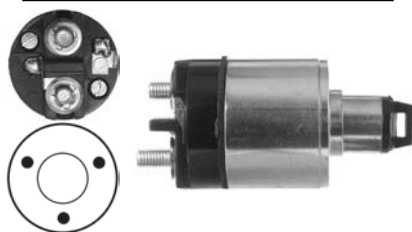
12 V, B+ M8, Kl. 50 9.40, OD 55.15,
OD/ cover 48.60, Total length 144.00,
Height/ B+ 27.65, Width/ kl. 50 12.45,
Coil bolt M8, Coil bolt 2 19.40,
No./ terminals 3
Cap: HC-CARGO 133286.


133120 Solenoid

Replacing: NE347

 Servicing: 532025A, 532025B, 534032A,
534047A, 534051A, 534052A

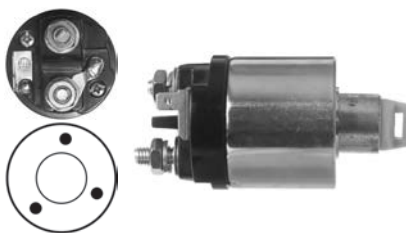
12 V, B+ M8, Kl. 50 6.30,
ID/ cover 23.15, OD 50.90,
OD/ cover 51.55, Total length 96.85,
Height/ B+ 16.15, Width/ kl. 50 12.60,
Coil bolt M8, Coil bolt 2 12.15,
No./ terminals 3
Cap: HC-CARGO 132274.


133121 Solenoid

Replacing: NE346

 Servicing: 534023A, 534039A, 534044A,
534046A, 534050A, 534050B

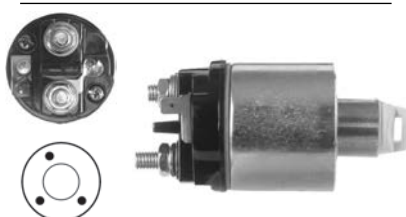
12 V, B+ M8, Kl. 50 6.30,
ID/ cover 23.25, OD 52.00,
OD/ cover 52.00, Total length 94.80,
Height/ B+ 13.00, Width/ kl. 50 11.35,
Coil bolt M8, Coil bolt 2 9.00,
No./ terminals 3
Cap: HC-CARGO 133771.


133122 Solenoid

Replacing: ne348

 Servicing: 534029A, 534031A, 534042A,
534042B, 534043A

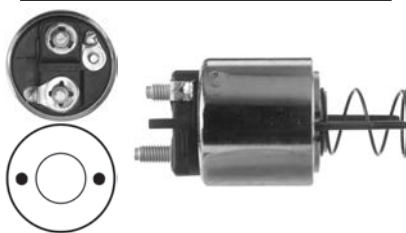
12 V, B+ M8, Kl. 50 6.30,
ID/ cover 23.25, OD 50.75,
OD/ cover 51.65, Total length 97.00,
Height/ B+ 15.85, Width/ kl. 50 11.55,
Coil bolt M8, Coil bolt 2 12.10,
No./ terminals 3
Cap: HC-CARGO 132035.


133123 Solenoid

Replacing: NE350

Servicing: 534045A, 534048A, 534049A

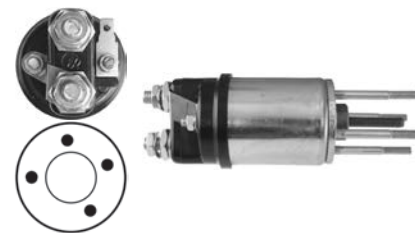
12 V, B+ M8, Kl. 50 6.30,
ID/ cover 23.30, OD 50.80,
OD/ cover 51.55, Total length 97.00,
Height/ B+ 16.40,
Width/ kl. 50 11.85, Coil bolt M8,
Coil bolt 2 12.00, No./ terminals 3
Cap: HC-CARGO 131172.


133128 Solenoid

 Replacing: ne815, NE785, CED565, ced518,
594355, 594155, 504047, 182520, 182464,
099932

 Servicing: D7E19, D7E26, d7e4, d7e6,
D9E101, d9e36, D9E38, d9e54, D9E62,
D9R119, D9R122, D9R149, D9RP160, TS10E4,
TS10E5

12 V, B+ M8, Kl. 50 6.30,
ID/ cover 25.20, OD 54.15,
OD/ cover 44.35, Total length 111.15,
Height/ B+ 15.50, Width/ kl. 50 11.00,
Coil bolt M8, Coil bolt 2 10.00,
No./ terminals 3
Cap: HC-CARGO 134402.


133149# Solenoid

Replacing: ced426, 182441, 079476

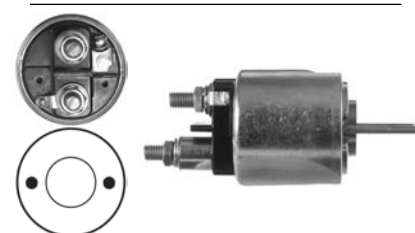
 Servicing: d8e108, d8e109, d8e114,
d8e125, d8e126, d8e136, d8e71, d8e75,
d8e82, d8e83, d8e87, d8e88, d8e95

12 V, B+ M8, Kl. 50 6.30, OD 47.30,
OD/ cover 52.40, Total length 146.00,
Height/ B+ 16.50, Width/ kl. 50 26.55,
Coil bolt M8, Coil bolt 2 15.20,
No./ terminals 3
Cap: HC-CARGO 133376.


133150 Solenoid

 Replacing: CED465, CED457, CED456,
CED455, CED445, ced438, 300591, 182188,
095699

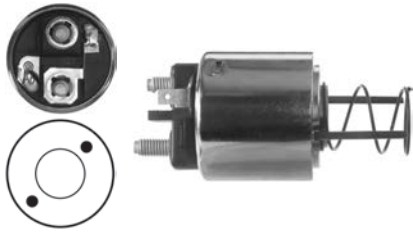
Servicing: d10e59, d8e132, d8e134, d8e157,
d8e158, d9e11, d9e14, d9e18, d9e20, d9e41
12 V, B+ M8, Kl. 50 M5,
ID/ cover 20.20, OD 47.65,
OD/ cover 52.40, Total length 158.00,
Height/ B+ 18.90, Width/ kl. 50 14.50,
Coil bolt M8, Coil bolt 2 16.45,
No./ terminals 4


133151 Solenoid

Replacing: ced517, 182457, 099378

 Servicing: d9e131, d9e132, d9e43, D9E44,
d9e83

12 V, B+ M8, Kl. 50 6.30,
ID/ cover 25.25, OD 54.25,
OD/ cover 48.00, Total length 123.30,
Height/ B+ 10.70, Width/ kl. 50 13.55,
Coil bolt M8, Coil bolt 2 14.70,
No./ terminals 3
Cap: HC-CARGO 133156.

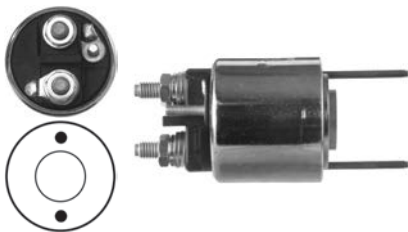


133163 Solenoid

Replacing: ced540, 182459, 104604

Servicing: d9e137, d9e138, d9e237, d9e238, d9e276, d9e39, D9E40, d9e52, d9e76, d9e77, d9e771

12 V, B+ M8, Kl. 50 6.30, ID/ cover 25.30, OD 53.90, OD/ cover 44.50, Total length 112.00, Height/ B+ 15.00, Width/ kl. 50 14.25, Coil bolt M8, Coil bolt 2 10.00, No./ terminals 3
Cap: HC-CARGO 132826.

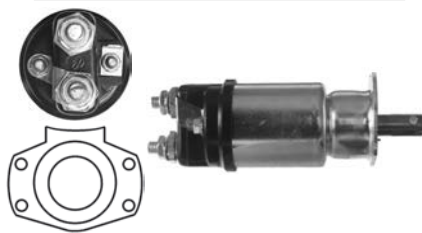


133166 Solenoid

Replacing: ced528, 182463, 108458, 102190

Servicing: d9e278, d9e46, d9e68, d9e78, d9e79

12 V, B+ M8, Kl. 50 M5, ID/ cover 25.00, OD 53.90, OD/ cover 48.35, Total length 118.00, Height/ B+ 20.35, Width/ kl. 50 16.60, Coil bolt M8, Coil bolt 2 19.60, No./ terminals 3
Cap: HC-CARGO 134402.

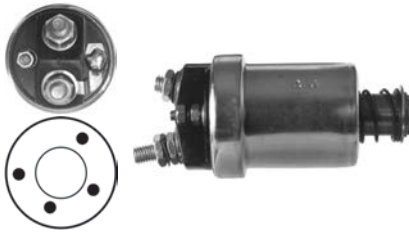


133169 Solenoid

Replacing: ced429, ced416, ced41, ced406, ced402, 182442, 076870, 053459

Servicing: d11e144, d11e58, d11e69, d11e75, d11e78, d11e84, d11e85, d8e104, d8e106, d8e111, d8e113, d8e116, d8e119, d8e122, d8e124

12 V, B+ M8, Kl. 50 6.30, OD 47.70, OD/ cover 53.30, Total length 154.00, Height/ B+ 15.90, Width/ kl. 50 14.65, Coil bolt M8, Coil bolt 2 15.20, No./ terminals 3
Cap: HC-CARGO 133376.

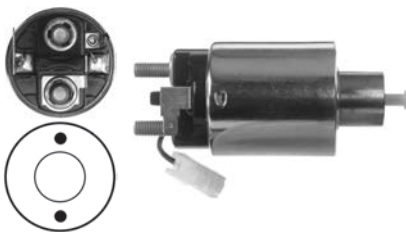


133178 Solenoid

Replacing: 612459

Servicing: 6160D, 6160E, 6160F, 6160G, 6169A, 6169B

12 V, B+ M8, Kl. 50 M5, OD 46.30, OD/ cover 51.15, Total length 122.00, Height/ B+ 19.60, Width/ kl. 50 13.90, Coil bolt M8, Coil bolt 2 9.00, No./ terminals 3
Cap: HC-CARGO 131323.



133289 Solenoid

Replacing: 36120-11130

Servicing: M39646, MC109018, MC109025, MG112014, MP112040

12 V, B+ M8, Kl. 50 6.30, ID/ cover 25.15, OD 51.55, OD/ cover 45.15, Total length 122.30, Height/ B+ 16.55, Width/ kl. 50 21.00, Coil bolt M8, Coil bolt 2 16.00, No./ terminals 4
Cap: HC-CARGO 134915.

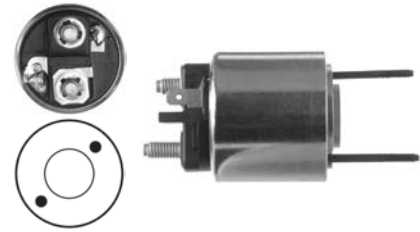


133532 Solenoid

Replacing: ne159, ced541, 104594

Servicing: D9E278, d9e46, d9e55, d9e68, d9e78, d9e79

12 V, B+ M8, Kl. 50 6.30, ID/ cover 25.20, OD 54.00, OD/ cover 48.20, Total length 112.25, Height/ B+ 15.00, Width/ kl. 50 13.85, Coil bolt M8, Coil bolt 2 10.30, No./ terminals 3
Cap: HC-CARGO 132826.

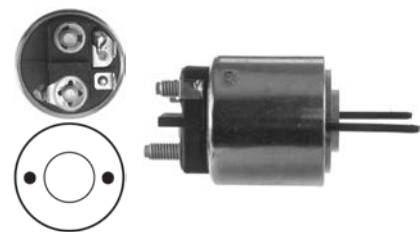


133533 Solenoid

Replacing: NE142, NE141, ced548, ced546, CED537, 594053, 182460, 106143, 106142

Servicing: d10e85, d10e92, d10e921, d10e922, d9e113, d9e114, D9E137, D9E138, D9E237, D9E238, D9E276, D9E39, d9e45, D9E76, D9E71

12 V, B+ M8, Kl. 50 6.30, ID/ cover 25.30, OD 54.00, OD/ cover 48.00, Total length 112.25, Height/ B+ 15.30, Width/ kl. 50 13.90, Coil bolt M8, Coil bolt 2 10.50, No./ terminals 3
Cap: HC-CARGO 132826.

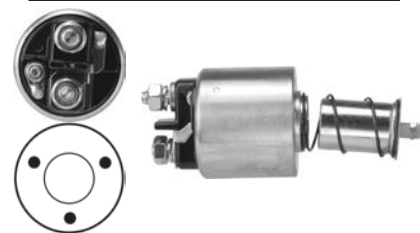


133534 Solenoid

Replacing: ne140, ne134, ced543, 182462, 105254

Servicing: d10e87, d9e100, D9E140, d9e200, d9e300, d9e81, d9e87, d9e95

12 V, B+ M8, Kl. 15a 4.70, Kl. 50 6.30, ID/ cover 25.00, OD 54.00, OD/ cover 48.00, Total length 112.00, Height/ B+ 15.25, Width/ kl. 15a 14.95, Width/ kl. 50 14.00, Coil bolt M8, Coil bolt 2 10.45, No./ terminals 4
Cap: HC-CARGO 133633.



135390 Solenoid

Replacing: 594426, 594365, 594140, 594118

Servicing: d6ra100, D6RA42, D6RA43, d6ra572, d7r1, d7r11, d7r15, d7r151, d7r3, D7R45, TMO00A27601

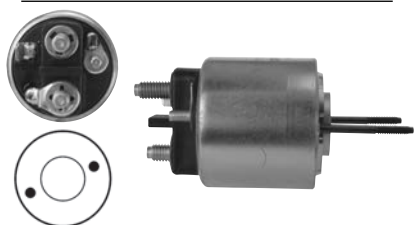
12 V, B+ M8, Kl. 50 M5, ID/ cover 25.25, OD 53.90, OD/ cover 47.85, Total length 80.30, Height/ B+ 16.00, Width/ kl. 50 8.35, Coil bolt M8, Coil bolt 2 11.25, No./ terminals 3
Cap: HC-CARGO 132034.


136255 Solenoid

Replacing: 594704, 594607, 594280, 594271, 182717

Servicing: d6ra132, d6ra17, d6ra18, D6RA185, d6ra19, d6ra22, d6ra27, d6ra29, d6ra32, d6ra34, d6ra40, d6ra50, d6ra52, d6ra54

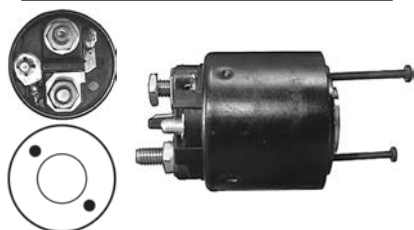
12 V, B+ M8, Kl. 50 M6,
ID/ cover 25.15, OD 53.90,
OD/ cover 45.65, Total length 91.60,
Height/ B+ 27.25, Width/ kl. 50 13.30,
Coil bolt M8, Coil bolt 2 11.20,
No./ terminals 3
Cap: HC-CARGO 136367.


137300 Solenoid

Replacing: 594054

Servicing: d9r116, d9r144

12 V, B+ M8, Kl. 50 6.30,
ID/ cover 25.30, OD 53.85,
OD/ cover 44.30, Total length 111.80,
Height/ B+ 15.20, Width/ kl. 50 16.15,
Coil bolt M8, Coil bolt 2 10.60,
No./ terminals 4
Insulated return. Cap: HC-CARGO 232010.


139476 Solenoid

Replacing: ced5033, 594452, 594447, 594421, 594347

Servicing: d7e18, d7e29, D7E30, d7e31, D7E32, D7E38, D7E4, D7E40, D7E41, D7E42, D7E7, D7E8, TS8E3, TS8E4, TS8E5

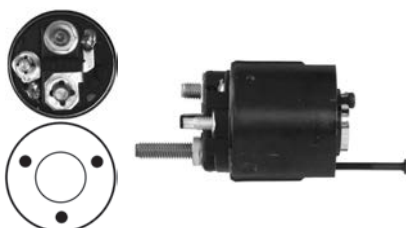
12 V, B+ M8, Kl. 50 M6,
ID/ cover 25.00, OD 53.75,
OD/ cover 45.75, Total length 80.70,
Height/ B+ 15.30, Width/ kl. 50 9.00,
Coil bolt M8, Coil bolt 2 11.10,
No./ terminals 3
Cap: HC-CARGO 231268.


230222 Solenoid

Replacing: 594138

Servicing: D6RA26, D6RA30, D6RA47

12 V, B+ M8, Kl. 50 6.30,
ID/ cover 25.35, OD 54.00,
OD/ cover 49.55, Total length 80.40,
Height/ B+ 15.15, Width/ kl. 50 13.30,
Coil bolt M8, Coil bolt 2 9.40,
No./ terminals 3


231163 Solenoid

Replacing: 594362

Servicing: D6RA181, D6RA59, D6RA81, D6RA91

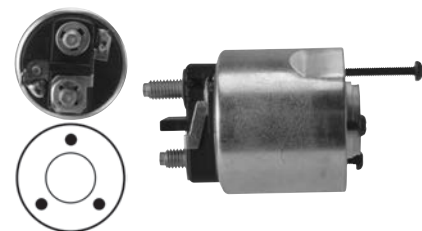
12 V, B+ M8, Kl. 50 M6,
ID/ cover 17.60, OD 54.00,
OD/ cover 51.90, Total length 89.30,
Switch dim. 7.50, Height/ B+ 29.50,
Width/ kl. 50 13.30, No./ terminals 3


231610 Solenoid

Replacing: 594181

Servicing: D6RA37, D6RA50, D6RA51, D6RA511, D6RA57, D6RA571

12 V, B+ M8, Kl. 50 M5,
ID/ cover 25.00, OD 53.95,
OD/ cover 45.40, Total length 91.00,
Height/ B+ 19.00, Width/ kl. 50 12.95,
Coil bolt M8, Coil bolt 2 14.70,
No./ terminals 3
Cap: HC-CARGO 231765.


231718 Solenoid

Replacing: 594208

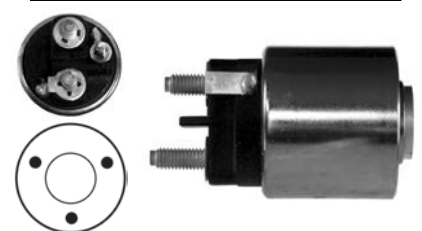
Servicing: D6RA133, D6RA141, D6RA33, D6RA41, D6RA45, D6RA46, D6RA53, D6RA61, D6RA63

12 V, B+ M8, Kl. 50 6.30,
ID/ cover 25.20, OD 54.00,
OD/ cover 44.50, Total length 80.15,
Height/ B+ 15.00, Width/ kl. 50 6.30,
Coil bolt M8, Coil bolt 2 9.35,
No./ terminals 3
Cap: HC-CARGO 132826.


232011 Solenoid

Replacing: ne421, ced530, 182458, 102295

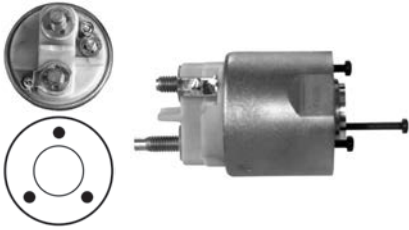
12 V, B+ M8, Kl. 15a M5, Kl. 50 6.30,
ID/ cover 25.20, OD 54.00,
OD/ cover 44.50, Total length 112.30,
Height/ B+ 15.00, Width/ kl. 15a 8.80,
Width/ kl. 50 14.90, Coil bolt M8,
Coil bolt 2 10.40, No./ terminals 3


232012 Solenoid

Replacing: ne898, 594183, 594048

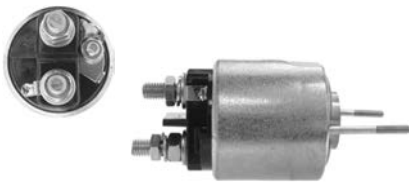
Servicing: D6RA12, D6RA16, d6ra161, D6RA38, D6RA66, D6RA661, D6RA72, d6ra721, d6ra74, D8R27, D8R29

12 V, B+ M8, Kl. 50 M5,
ID/ cover 25.25, OD 53.85,
OD/ cover 45.40, Total length 91.40,
Height/ B+ 19.70,
Width/ kl. 50 13.30, Coil bolt M8,
Coil bolt 2 14.65, No./ terminals 3
Cap: HC-CARGO 231766.



232041 Solenoid

Replacing: 594638, 594411
 Servicing: d6ra105, d6ra115, d7r44, D7R47, D7R49, D8R49
 12 V, B+ M8, KI. 50 M5,
 ID/ cover 25.25, OD 54.00,
 OD/ cover 45.85, Total length 91.00,
 Height/ B+ 19.45, Width/ kl. 50 10.70,
 Coil bolt M8, Coil bolt 2 9.35,
 No./ terminals 3
 Cap: HC-CARGO 232204.



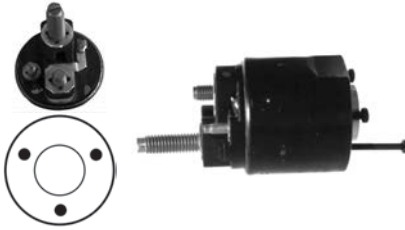
233708 Solenoid

Replacing: 594266
 Servicing: d9r149
 12 V, B+ M8, KI. 50 M6,
 ID/ cover 39.35, OD 54.00,
 OD/ cover 51.85, Total length 119.00,
 Height/ B+ 15.58, Width/ kl. 50 10.80,
 Coil bolt M8, Coil bolt 2 10.85,
 No./ terminals 3
 Cap: HC-CARGO 136367.



233795 Solenoid

Replacing: 594454, 594413, 594380
 Servicing: D7ES1, D7ES2, d7es4, d7es5
 12 V, B+ M8, ID/ cover 28.45, OD 54.20,
 OD/ cover 48.80, Total length 108.50,
 Height/ B+ 18.20, Coil bolt M8,
 Coil bolt 2 15.25, No./ terminals 3
 Cap: HC-CARGO 233076



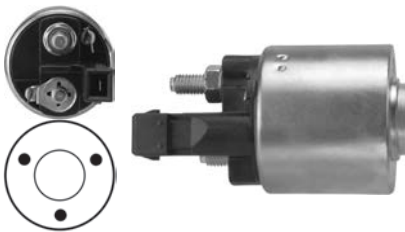
234089 Solenoid

Replacing: 594309
 Servicing: d7r14, d7r39
 12 V, B+ M10, KI. 50 M5,
 ID/ cover 25.35, OD 53.95,
 OD/ cover 48.00, Total length 100.85,
 Height/ B+ 28.50, Width/ kl. 50 10.60,
 Coil bolt M8, Coil bolt 2 9.15,
 No./ terminals 3



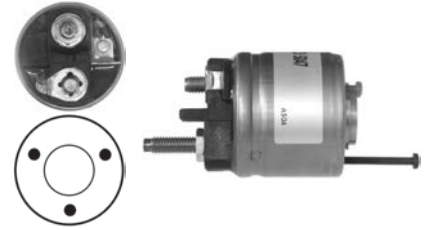
234153 Solenoid

Replacing: 594401
 Servicing: D6RA293, d6ra83, D6RA92, D6RA93
 12 V, B+ M8, KI. 50 M6,
 ID/ cover 25.30, OD 54.00,
 OD/ cover 45.85, Total length 79.65,
 Height/ B+ 15.40, Width/ kl. 50 7.50,
 Coil bolt M8, Coil bolt 2 9.20,
 No./ terminals 3
 Cap: HC-CARGO 231268. Moving contact: HC-CARGO 132037.



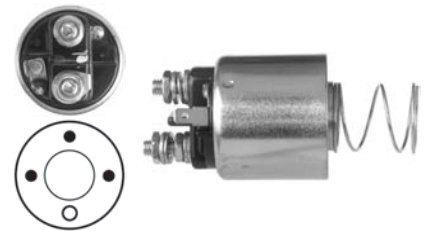
234388 Solenoid

Replacing: 594391
 Servicing: D7RS129, D7RS130, D7RS29, D7RS30, D7RS301
 12 V, B+ M8, KI. 50 4.70,
 ID/ cover 25.00, OD 54.00,
 OD/ cover 49.10, Total length 95.25,
 Height/ B+ 20.40, Coil bolt M8,
 Coil bolt 2 8.85
 Cap: HC-CARGO 233076. Moving contact: HC-CARGO 132037.



234389 Solenoid

Replacing: 594392
 Servicing: D7RS131, d7rs31
 12 V, B+ M8, KI. 50 6.30,
 ID/ cover 24.40, OD 54.40,
 OD/ cover 48.40, Total length 90.90,
 Height/ B+ 25.55, Width/ kl. 50 15.00,
 Coil bolt M8, Coil bolt 2 9.30,
 No./ terminals 3



234579 Solenoid

Replacing: ced580, 594046
 Servicing: D6RA133, d6ra21, D6RA56, d6ra6, d6ra61, D6RA73, D7R35
 12 V, B+ M8, KI. 50 6.30,
 ID/ cover 24.80, OD 54.10,
 Height/ B+ 20.60, Width/ kl. 50 6.30,
 Coil bolt M8, Coil bolt 2 15.00,
 No./ terminals 3
 Cap: HC-CARGO 132826.



234778 Solenoid

Replacing: 594288
 Servicing: D7E1, TS8E1
 12 V, B+ M8, KI. 50 6.30,
 ID/ cover 25.20, OD 54.00,
 OD/ cover 47.50, Total length 83.45,
 Height/ B+ 20.40, Width/ kl. 50 14.15,
 Coil bolt M8, Coil bolt 2 9.30,
 No./ terminals 3
 Cap: HC-CARGO 132033.


234846 Solenoid

Replacing: 594463
 Servicing: d7ed28, D7ED281
 12 V, B+ M8, KI. 50 M6,
 ID/ cover 23.80, OD 51.00,
 OD/ cover 45.15, Total length 119.00,
 Height/ B+ 20.80, Width/ kl. 50 10.80,
 Coil bolt M8, Coil bolt 2 9.65,
 No./ terminals 3


234944 Solenoid

Replacing: 594449
 Servicing: D6RA101, D6RA104, d6ra110
 12 V, B+ M8, KI. 50 M5, OD 54.00,
 OD/ cover 52.00, Total length 88.00,
 Height/ B+ 16.50, Width/ kl. 50 10.00,
 No./ terminals 3
 Cap: HC-CARGO 233501. Moving contact: HC-CARGO 132037.


234969 Solenoid

Replacing: 594407
 Servicing: 1250128, d7e15, d7e20,
 TM000A34101, TM000A36101
 12 V, B+ M8, KI. 50 6.30, ID/ cover 25.20,
 OD 54.00, OD/ cover 45.60,
 Total length 80.85, Height/ B+ 15.55,
 Width/ kl. 50 15.00, Coil bolt M8,
 Coil bolt 2 10.80, No./ terminals 3
 Cap: HC-CARGO 132826.


235077 Solenoid

Servicing: hq808670, mg122202, mg122433,
 TM000A18601, TM000A23601
 12 V, B+ M8x14.50, KI. 50 6.30,
 OD 55.30, Total length 111.50,
 Height/ B+ M8x14.50, Width/ kl. 50 6.30,
 No./ terminals 3
 Cap: HC-CARGO 134626.


235106 Solenoid

Replacing: 594348
 Servicing: D6G3, d7e16, D7E2, d7e23,
 D7E25, D7E5, TS10E1, TS8E2
 12 V, No./ terminals 3


235210 Solenoid

Replacing: 2EM0588F
 12 V, B+ M8, KI. 50 6.30, OD 52.37,
 OD/ cover 47.20, Total length 101.37,
 Height/ B+ 14.73, Coil bolt M8,
 Coil bolt 2 14.19, No./ terminals 3
 Cap: HC-CARGO 235384.


235268 Solenoid

Replacing: 594474
 Servicing: D7RS150, d7rs50
 12 V, B+ M8, KI. 15a M8, KI. 50 6.30,
 OD 54.17, OD/ cover 51.76,
 Total length 145.42, Height/ B+ 60.00,
 Width/ kl. 15a 30.00, Width/ kl. 50 17.00,
 Coil bolt M8, Coil bolt 2 6.76, No./terminals 3


235416 Solenoid

Replacing: 594431
 Servicing: d7r48
 12 V, No./ terminals 3
 Cap: HC-CARGO 132826.


235869 Solenoid

Replacing: 594610
 Servicing: d7e27, D7E47
 12 V, B+ M8, KI. 15a M5, KI. 50 M5,
 OD 53.80, Total length 94.20,
 Height/ B+ 24.42, Width/ kl. 50 21.55,
 Coil bolt M8, Coil bolt 2 M8,
 No./ terminals 3


236258 Solenoid

Replacing: 594438
 Servicing: d7e19, d7e22, d7e26, d7e6,
 TS10E3, TS10E4, TS10E5
 12 V, B+ M8, KI. 50 M5, OD 54.15,
 Total length 74.70, Height/ B+ 15.00,
 Width/ kl. 50 14.10, Coil bolt M8,
 Coil bolt 2 9.00, No./ terminals 3


236269 Solenoid

Replacing: 594658
 Servicing: D7G11, TS22E5, TS22E5B,
 TS22E8, TS22E9
 12 V, B+ M8, KI. 50 M5, OD 54.00,
 Height/ B+ 19.50, Width/ kl. 50 10.50,
 No./ terminals 3



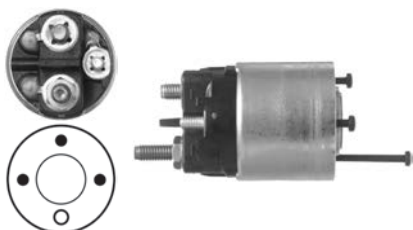
236406 Solenoid
12 V, No./ terminals 3



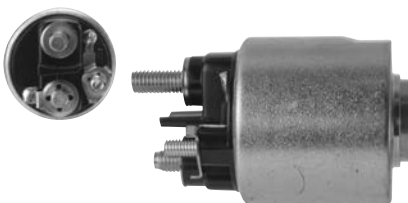
236626 Solenoid
Replacing: 594743, 236626
Servicing: 191335, D6GS11, D6GS12, D6GS13, D6GS14, D7GS10, D7GS8, D7GS9, TS10E26, TS18E3
12 V, B+ M8, Kl. 50 Plug, OD 54.00, Total length 100.30, Height/ B+ 19.50, Coil bolt M8, Coil bolt 2 9.45, No./ terminals 3
Cap: HC-CARGO 236637.



236801 Solenoid
Replacing: 594646, 236801
Servicing: D6G1, D6G32
12 V, OD 54.00, No./ terminals 3



236859 Solenoid
Replacing: 594461
Servicing: D6RAD183, D6RADP359
12 V, B+ M8, Kl. 50 M6, ID/ cover 23.95, OD 51.40, OD/ cover 47.20, Total length 88.65, Height/ B+ 8.75, Width/ kl. 50 10.40, Coil bolt M8, Coil bolt 2 16.80, No./ terminals 3



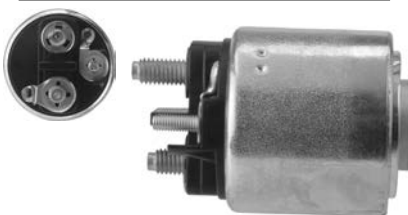
236975 Solenoid
Replacing: 594414
Servicing: D6RA137, d6ra138, D6RA187, D6RA188, D6RA87
12 V, B+ M8, Kl. 50 M6, OD 54.00, OD/ cover 46.00, Total length 89.30, Height/ B+ 17.50, Width/ kl. 50 10.81, Coil bolt M8, Coil bolt 2 M8, No./ terminals 3



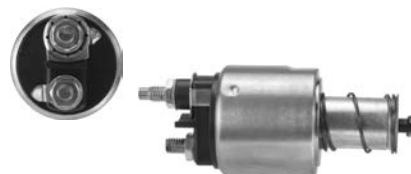
236980 Solenoid
Servicing: TM000A31201
12 V, B+ M8, Kl. 50 6.30, OD 52.51, OD/ cover 49.10, Total length 118.10, Switch dim. 7.83, Height/ B+ 13.90, Coil bolt M8, Coil bolt 2 13.00, No./ terminals 3



237444 Solenoid
Replacing: 594444
Servicing: d6ra91
12 V, B+ M8, Kl. 50 M6, OD 53.90, Total length 89.25, Height/ B+ 30.00, Width/ kl. 50 13.00, Coil bolt M8, Coil bolt 2 22.45, No./ terminals 3



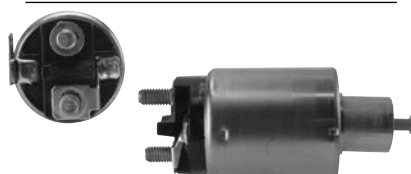
237686 Solenoid
Servicing: D7E39, TS8E6
12 V, B+ M8, Kl. 50 M5, OD 54.00, Total length 59.00, Height/ B+ 14.50, Width/ kl. 50 10.00, No./ terminals 3



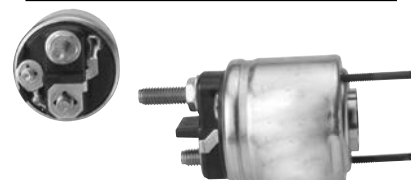
239966 Solenoid
Replacing: 594459
Servicing: d7e52
12 V, B+ M8, OD 54.00, Total length 97.07, Height/ B+ 18.00, No./ terminals 2



330427 Solenoid
Servicing: tm000a38001
12 V, B+ M8, Kl. 50 Plug, OD 49.76, Total length 125.00, Height/ B+ 15.00, Coil bolt M8, Coil bolt 2 13.00, No./ terminals 3



330549 Solenoid
Servicing: TM000A27301, TM000A27601, TM000A37201
12 V, B+ M8, Kl. 50 6.30, OD 49.70, Total length 120.20, Height/ B+ 14.50, Coil bolt M8, Coil bolt 2 12.80



330689 Solenoid
Replacing: 594724
Servicing: D6G5
12 V, B+ M8, Kl. 50 M6, OD 54.29, Total length 89.46, Height/ B+ 20.80, Width/ kl. 50 7.37, Coil bolt M8, Coil bolt 2 9.32, No./ terminals 3


331697 Solenoid

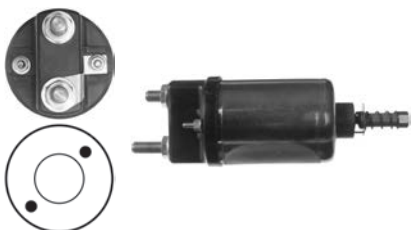
Servicing: TM000A31001

12 V, B+ M8, Kl. 50 6.30, OD 49.30, OD/ cover 46.50, Total length 120.00, Switch dim. 8.00, Height/ B+ 15.50, Coil bolt M8, Coil bolt 2 12.70, No./ terminals 3


332529 Solenoid

Servicing: TS14E110

12 V, B+ M8, Kl. 50 M5, OD 54.00, OD/ cover 51.95, Total length 91.25, Switch dim. 6.70, Height/ B+ 15.50, Width/ kl. 50 10.50, Coil bolt M8, Coil bolt 2 10.00, No./ terminals 3

24 Volt

132966 Solenoid

Replacing: 182424, 099686

Servicing: d13e111, d13e116, d13e73, d13e73te, d13e74, d13e74te, d13e81, d13e81t, d13e88, d13e95

24 V, B+ M10, Kl. 50 M5, OD 65.30, OD/ cover 70.00, Total length 212.45, Height/ B+ 29.20, Width/ kl. 50 12.90, Coil bolt M10, Coil bolt 2 17.35, No./ terminals 3

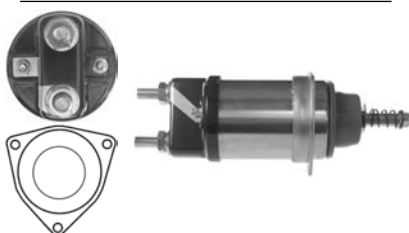
Cap: HC-CARGO 138172. Moving contact: HC-CARGO 138173.


132967 Solenoid

Replacing: ced616te, cED616, 182423, 099687

Servicing: d13e100te, d13e104te, d13e105 24 V, B+ M10, Kl. 50 M5, OD 65.85, OD/ cover 69.75, Total length 224.00, Height/ B+ 28.40, Width/ kl. 50 13.60, Coil bolt M10, Coil bolt 2 16.85, No./ terminals 3

Cap: HC-CARGO 138172. Moving contact: HC-CARGO 138173.

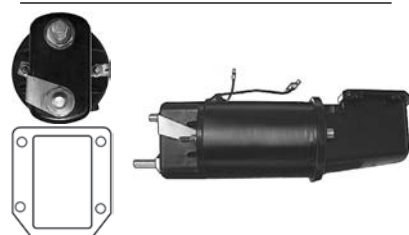

132968 Solenoid

Replacing: ced621, 182432, 181142, 101091

Servicing: D13E107TE, d13e109te, D13E110, D13E110TE, d13e117te, d13e118te, D13E123, D13E123ITE, d13e123te, d13e76, d13e77, d13e77t

24 V, B+ M10, Kl. 50 M5, OD 68.20, OD/ cover 69.85, Total length 228.70, Height/ B+ 28.85, Width/ kl. 50 12.40, Coil bolt M10, Coil bolt 2 17.55, No./ terminals 3

Cap: HC-CARGO 136005. Moving contact: HC-CARGO 138174.

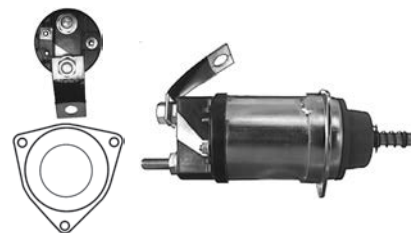

135292 Solenoid

Replacing: ced71, 182430, 046695

Servicing: d15e29, d15e29te, d15e30, d15e30te

24 V, B+ M10, OD 74.70, OD/ cover 74.70, Total length 276.00, Height/ B+ 29.70, Coil bolt M10, Coil bolt 2 14.10, No./ terminals 3

Cap: HC-CARGO 138176. Moving contact: HC-CARGO 138175.


135820 Solenoid

Replacing: ced624, 594075

Servicing: d13e119te, d13e120te, d13e121te, d13e122te, d13hp702, d13hp705, d13hp709

24 V, B+ M10, Kl. 15a M5, Kl. 50 M5, OD 70.65, OD/ cover 70.00, Total length 228.30, Height/ B+ 28.60, Width/ kl. 15a 6.25, Width/ kl. 50 12.65, Coil bolt M10, Coil bolt 2 17.50, No./ terminals 4

Cap: HC-CARGO 233535.


138945 Solenoid

Replacing: 594220

Servicing: d13hp605, d13hp607, d13hp608

24 V, B+ M10, Kl. 50 M5, OD 65.80, OD/ cover 69.95, Total length 229.00, Height/ B+ 28.20, Width/ kl. 50 12.85, Coil bolt M10, Coil bolt 2 16.85, No./ terminals 3

Cap: HC-CARGO 233535.


235151 Solenoid

Servicing: M000A0301

24 V, B+ M10, Kl. 50 M5, OD 64.11, Total length 213.00, Height/ B+ 18.16, Coil bolt M10, Coil bolt 2 17.79, No./ terminals 3

Safety Switches

24 Volt



235150 Safety Switch

Servicing: M000A0301
24 V

Solenoid Parts

Solenoid Caps



131330 Solenoid Cap

Servicing: CED401, CED403, CED404, CED407, ced408, CED409, ced41, CED410, ced413, CED42, D11E188, D11E192, D8E111, D8E116, D8E74
No./ terminals 3
HC-CARGO 131000, 132623.



131332 Solenoid Cap

Servicing: 182442, ced402, ced406, ced416, ced436, ced444, D8E140, D9E11, D9E27, D9E7
No./ terminals 4
HC-CARGO 133153, 133169.



131333 Solenoid Cap

Servicing: ced437, ced446, ced448, ced454, ced458, ced460, ced468, D10E66, D10E72, D10E74, D8E107, D8E117, D8E121, D8E130, D8E131
No./ terminals 3
HC-CARGO 131798.



Pkg. 5

132033 Solenoid Cap

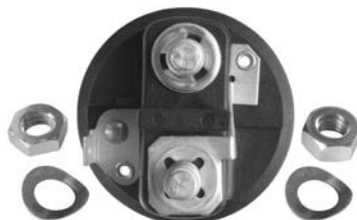
Servicing: 102217, 594047, 594048, 594119, 594288, ced529, D6RA30, D6RA40, D6RA47, D7E1, D9E101, D9E108, D9E36, D9E38, D9E48
No./ terminals 3, Bracket type Crimp
HC-CARGO 131171.



Pkg. 5

132034 Solenoid Cap

Servicing: 101062, 188839, CED521, D6RA100, D6RA101, D6RA104, D6RA37, D6RA42, D6RA43, D6RA51, D6RA511, D6RA57, D6RA571, D6RA572
No./ terminals 3, Bracket type Crimp
HC-CARGO 135390.



Pkg. 5

132826 Solenoid Cap

Servicing: 102849, 103794, 104594, 104604, 105489, 106142, 106143, 1250128, ced533, CED537, ced538, ced540, ced541, ced544, ced546
No./ terminals 3, Bracket type Crimp
HC-CARGO 131584, 132024, 132025, 132976, 133163, 133532, 133533, 234579.



133155 Solenoid Cap

Servicing: CED5, CED506, ced519, CED53, ced58, D11E109, D11E142, D11E159, D11E172, D11E272
No./ terminals 3
HC-CARGO 130997, 133143.



133156 Solenoid Cap

Servicing: 99378, ced517, D9E131, D9E132, D9E43, D9E44, D9E83
No./ terminals 3, Bracket type Crimp
HC-CARGO 133151.

Pkg. 5



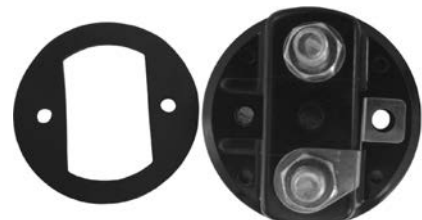
133287 Solenoid Cap

Servicing: 1250300, 1250302, M000A0240Z, M04686, M39646, M42373, M43196, M52100, M53486, M60082, m62957, MC107023, MC108024
No./ terminals 3, Bracket type Crimp
HC-CARGO 132917, 133052, 133288, 138618, 139408, 231977.



133376 Solenoid Cap

Servicing: CED4, ced412, ced416, cED420, ced422, ced429, CED43, CED44, CED47, CED48, CED49, D8E104, D8E109, D8E122, D8E124, D8E126
No./ terminals 3
HC-CARGO 133149.



133620 Solenoid Cap

Servicing: 074764, ced502, ced504, ced510, ced512, D10E48, D10E63, D10E80, D11E120, D11E131, D11E156, D11E158, D11E184, D11E191
No./ terminals 3
HC-CARGO 133502.


133633 Solenoid Cap

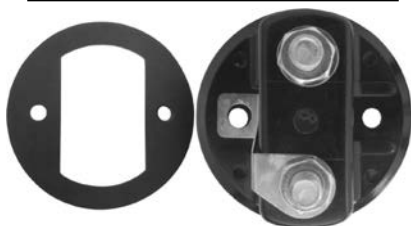
Servicing: 105254, 182462, ced504, ced510, ced512, ced543, D9E100, D9E140, D9E200, D9E300, D9E81

No./ terminals 4, **Bracket type** Crimp
HC-CARGO 133534.


134145 Solenoid Cap

Servicing: 096666, 098048, 182452, ced511, ced514, D11E109, D11E142, D11E159, D11E163, D11E169, D11E173, D11E176, D11E177, D11E187

No./ terminals 4
HC-CARGO 132268.


134401 Solenoid Cap

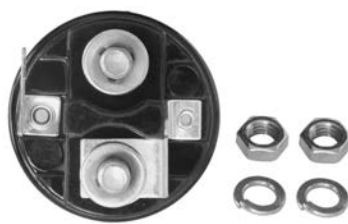
Servicing: 073302, 182438, ced501, ced539, D11E119, D11E119T, D11E120, D11E126, D11E131, D11E137, D11E154, D11E155, D11E158

No./ terminals 3
HC-CARGO 131071.


134402 Solenoid Cap

Replacing: 235020, 134402
Servicing: 182458, 594438, 626002, D6RA105, D6RA107, D6RA114, D6RA115, D6RA12, D6RA16, D6RA161, D6RA168, D6RA18, D6RA22, D6RA38

No./ terminals 3, **Bracket type** Crimp
HC-CARGO 132977, 133128, 133166, 232011.


134626 Solenoid Cap

Servicing: MG120413, MG122404, MG232415, TM000A06901

No./ terminals 3, **Bracket type** Crimp
HC-CARGO 235077, 138820, 231981.


134915 Solenoid Cap

Servicing: MG112014, MP112040

No./ terminals 4, **Bracket type** Crimp
HC-CARGO 133289.


136005 Solenoid Cap

Replacing: 182148

Servicing: D13E107TE, d13e109te, D13E110, D13E110TE, D13E117TE, D13E118TE, D13E123, D13E1231TE, D13E123TE, d13e76, d13e77, d13e77t

No./ terminals 3
HC-CARGO 132968.

Pkg. 5


136367 Solenoid Cap

Servicing: D6G33, D6RA132, D6RA162, D6RA163, D6RA167, D6RA249, D6RA32, D6RA62, D6RA65, D6RA67, D7EP12, D7R19, D7R28, D7R281, D7R43

No./ terminals 3, **Bracket type** Crimp
HC-CARGO 136255, 233708.


138172 Solenoid Cap

Servicing: 182428, ced67, D11E122, D11E122T

No./ terminals 3
HC-CARGO 132967.


138176 Solenoid Cap

Replacing: 182152

Servicing: 182152, d15e29, D15E29TE, d15e30, d15e30te

No./ terminals 3
HC-CARGO 135292.


139647 Solenoid Cap

Replacing: 182149

Servicing: d13e100te, D13E101TE, d13e104te, d13e105, d13e108te, d13e111, d13e116, d13e73, d13e73te, d13e74, d13e74te, d13e81

No./ terminals 3
HC-CARGO 132966.

Pkg. 5


231268 Solenoid Cap

Servicing: 594347, 594401, ced5033, D6RA181, D6RA293, D6RA59, D6RA81, D6RA83, D6RA91, D6RA92, D6RA93, D7E18, D7E29, D7E30, D7E31

No./ terminals 3, **Bracket type** Crimp
HC-CARGO 139476, 234153.



Pkg. 20

231765 Solenoid Cap

Servicing: 190895, 594181, D6G3, D6RA110, D6RA37, D6RA51, D6RA511, D6RA57, D6RA571, D7E16, D7E2, D7E23, D7E25, D7E5, D7G3, TS18E13

No./ terminals 3, Bracket type Crimp
HC-CARGO 231610.



231766 Solenoid Cap

Servicing: 594181, D8R27, D8R29

No./ terminals 3, Bracket type Crimp
HC-CARGO 232012.



232010 Solenoid Cap

Servicing: 594054, D9R116, D9R144

No./ terminals 4, Bracket type Crimp
HC-CARGO 137300.



233076 Solenoid Cap

Servicing: 594380, 594391, D7ES1, D7ES2, D7ES4, D7ES5, D7RS129, D7RS130, D7RS29, D7RS30, D7RS301

No./ terminals 3
HC-CARGO 233795, 234388.



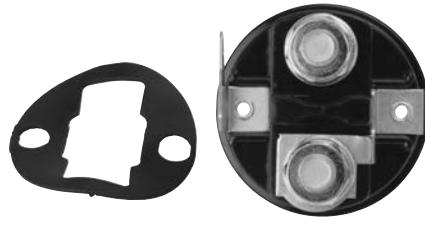
233481 Solenoid Cap

Replacing: 594297
Servicing: d13hp601
No./ terminals 4



233535 Solenoid Cap

Replacing: 594292
Servicing: D13E120TE, D13HP605, D13HP607, d13hp608, D13HP702, d13hp709
No./ terminals 2
HC-CARGO 138945.



235384 Solenoid Cap

Replacing: 594292
Servicing: TM000A27301, TM000A27601, TM000A37201
No./ terminals 3, Bracket type Crimp
HC-CARGO 235210.



236240 Solenoid Cap

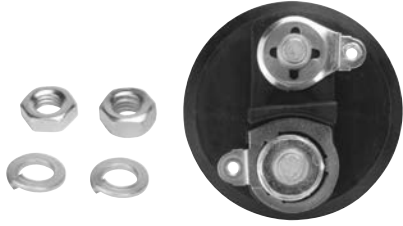
Replacing: 594292
Servicing: D7G4
No./ terminals 4, Bracket type Crimp



Pkg. 5

236627 Solenoid Cap

Replacing: 594292
Servicing: 191335, D6GS11, D6GS12, D6GS13, D6GS14, D6GS19, D7GS10, D7GS8, D7GS9, TS18E3
No./ terminals 3



Pkg. 5

236802 Solenoid Cap

Replacing: 594292
Servicing: D6G1, D6G32, d7e52, g6g32
No./ terminals 2

Moving Contacts



Pkg. 5

132037 Moving Contact

Replacing: 233862, 132037
Servicing: 103794, 104594, 104694, ced538, ced541, ced546, D7E47, D7G11, d7r17, d7r19
Shaft measurement 29.25, Thickness 2.45
Alternative no.: b132037



Pkg. 5

132124 Moving Contact

Replacing: 233862, 132037
Servicing: 099378, 099932, 101062, 102190, 102849, 104327, ced517, ced518, CED521, ced528, ced533, ced540
Length 28.30, Shaft measurement 27.80, Thickness 2.50, Width 14.00



Pkg. 5

132145 Moving Contact

Servicing: ced417, cED418, ced421, ced423, ced427, ced428, ced434, ced435, ced436, ced437, ced438, ced439, ced441, ced442, ced444

Length 28.30, Shaft measurement 39.15, Thickness 2.30, Width 14.00



Pkg. 5

132146 Moving Contact

Servicing: ced514, ced519, ced601, ced615, cED616, ced621

Length 33.30, Shaft measurement 33.70, Thickness 2.55, Width 15.00



Pkg. 10

133275 Moving Contact

Servicing: 1250300, 1250302, M000A0240Z, M39376, M39646, M42373, M43168, M43196, M53486, MC107023, MC108024, MC109018, MC109021

Length 26.00, Shaft measurement 26.00, Thickness 2.60, Width 16.00/11.00



Pkg. 5

135363 Contact Plate

Length 33.35, Thickness 3.00, Width 15.00



Pkg. 5

138173 Contact Plate

Servicing: ced67

Length 46.30, Thickness 3.00, Width 18.00



Pkg. 5

138174 Contact Plate

Servicing: 182148

Length 46.40, Thickness 5.00, Width 18.00



Pkg. 5

235826 Solenoid Cap


Pkg. 100

B132037 Moving Contact

Replacing: 132037

Servicing: d7e22, D8R49

Shaft measurement 28.71, Thickness 2.42
 Alternative no.: 132037

Fixed Contacts

Pkg. 10


134152 Fixed Contact

Total length 47.65, Length/ rear collar 42.00, Thread length 36.20, Thread size M8



Pkg. 10

134153 Fixed Contact

Total length 28.50, Length/ rear collar 23.50, Thread length 15.85, Thread size M8



Pkg. 10

134154 Fixed Contact

Servicing: d7e22

Total length 37.50, Length/ rear collar 32.00, Thread length 22.70, Thread size M8

Various

Pkg. 5


138601 Gasket

Servicing: D13E110, D13E110TE, D13E111, D13E117TE, D13E118TE, D13E123, D13E1231TE, D13E123TE, D13HP601, D13HP607

ID 21.65, ID/ mount. hole 5.35, OD 64.45, Thickness 2.45, No./ mount. holes 4, Material Rubber



230950 Plunger

Replacing: 594417, 594289

Servicing: D7E1, D7E15, D7E16, D7E18, D7E19, D7E2, d7e20, D7E22, d7e23, D7E25, d7e26, d7e27, d7e29, D7E30, d7e31, d7e32, D7E38
OD 83.00, Lever w/o
Lever: HC-CARGO 231148.

Drives



130425 Drive

Replacing: 060991

Servicing: 6139b, 6139C
ID 12.00, OD 29.00,
OD/ housing 46.00, Total length 59.85,
Splines A 9, No./ teeth 9, Rotation ACR



130432 Drive

Replacing: 096118, 093297, 092079,
078862, 076651

Servicing: 532005A, 532007A, 532020A,
532020B, 532026A, 533000A, 533002A, 533003A,
533004A, 534003A, 534003B, 534003C, 534004A
ID 12.00, OD 25.25,
OD/ housing 46.20, Total length 68.05,
Splines A 9, No./ teeth 9, Rotation CR



130434 Drive

Replacing: 079692

Servicing: 532001B, 532017A
ID 12.00, OD 25.30,
OD/ housing 46.45, Total length 61.70,
Splines A 9, No./ teeth 9, Rotation CR



130456 Drive

Replacing: 070672, 055105

Servicing: 182442, D11E109, d11e142,
d11e143, D11E159
ID 14.00, OD 29.00,
OD/ housing 59.20, Total length 76.15,
Splines A 6, No./ teeth 9, Rotation CR



130461 Drive

Replacing: ne485, ne185, 097298, 096859,
093670, 093509, 092179, 078265, 075165,
075162, 073684, 059058

Servicing: D10E48, D10E63, D10E80,
D8E104, D8E122, D8E124, D8E76, D8E96
ID 12.00, OD 25.30,
OD/ housing 46.90, Total length 69.00,
Splines A 9, No./ teeth 9, Rotation CR



130462[#] Drive

Replacing: 077991

Servicing: d8e103
ID 12.00, OD 25.25,
OD/ housing 47.00, Total length 86.65,
Splines A 12, No./ teeth 9, Rotation ACR



130463 Drive

Replacing: 095381, 093321, 092448,
092181, 079011, 078861, 077776

Servicing: d8e107, d8e115, d8e117, d8e129,
d8e133, d8e134, d8e137, d8e139, D8E140,
d8e147, d8e151, d8e54, d9e11, d9e18, d9e19
ID 12.00, OD 25.30,
OD/ housing 46.85, Total length 66.40,
Splines A 12, No./ teeth 9, Rotation CR



130757 Drive

Replacing: ne160, 075679, 053770

Servicing: D11E126, d11e93
ID 14.00, OD 36.10,
OD/ housing 53.15, Total length 75.75,
Splines A 6, No./ teeth 9, Rotation CR



130758 Drive

Replacing: 077171

Servicing: d8e110, d8e116, d8e99
ID 12.00, OD 29.00,
OD/ housing 41.25, Total length 59.00,
Splines A 9, No./ teeth 9, Rotation ACR



130759 Drive

Replacing: 097062, 093623, 076980

Servicing: d8e121, d8e142, d8e152, D8E21,
d8e81, d9e12, d9e20, d9e22, d9e26, d9e34,
d9e35, d9e37, d9e41
ID 12.00, OD 25.25,
OD/ housing 46.30, Total length 59.45,
Splines A 12, No./ teeth 9, Rotation CR



130760 Drive

Replacing: 095464

Servicing: d8e130, d8e131, d8e54
ID 12.00, OD 25.25,
OD/ housing 46.40, Total length 60.10,
Splines A 9, No./ teeth 9, Rotation ACR


130761 Drive

Replacing: 095958, 095956
 Servicing: d11e156, d11e161, d11e180
 ID 14.00, OD 36.00,
 OD/ housing 54.34, Total length 77.55,
 Splines A 12, No./ teeth 9, Rotation CR


130762 Drive

Replacing: 095990
 Servicing: D11E142, d11e159, d11e165
 ID 14.00, OD 29.20,
 OD/ housing 54.25, Total length 76.00,
 Splines A 12, No./ teeth 9, Rotation CR


130948 Drive

Replacing: 106009, 098896
 Servicing: d9e31, d9e32, d9e40, d9e45,
 d9e53, d9e64, d9e75, d9e82, d9e87, d9e95
 ID 12.00, OD 25.30,
 OD/ housing 46.25, Total length 69.20,
 Splines A 9, No./ teeth 9, Rotation CR


131068 Drive

Replacing: 095442
 Servicing: d11e153, d11e153t
 ID 14.00, OD 36.25,
 OD/ housing 65.55, Total length 75.80,
 Splines A 12, No./ teeth 9, Rotation CR


131111 Drive

Replacing: 099931
 Servicing: d9e100, d9e101, d9e109,
 d9e110, d9e113, d9e114, d9e124, d9e125,
 d9e127, d9e129, d9e136, d9e137, d9e138,
 d9e200, d9e237
 ID 12.60, OD 28.00,
 OD/ housing 45.40, Total length 60.60,
 Splines A 8, No./ teeth 9, Rotation CR


131117 Drive

Replacing: 097843, 096507
 Servicing: d11e163, d11e169, d11e176,
 d11e177
 ID 12.00, OD 29.23,
 OD/ housing 53.25, Total length 84.00,
 Splines A 9, No./ teeth 9, Rotation CR


131170 Drive

Replacing: 099738
 Servicing: d11e172, D11E272
 ID 12.00, OD 27.75,
 OD/ housing 46.00, Total length 61.60,
 Splines A 9, No./ teeth 10, Rotation CR


131173 Drive

Replacing: 095304, 093511, 093304, 079801
 Servicing: d8e144
 ID 12.00, OD 25.30,
 OD/ housing 47.00, Total length 66.50,
 Splines A 12, No./ teeth 9, Rotation ACR


131186 Drive

Replacing: 098555
 Servicing: d10e72
 ID 12.00, OD 25.35,
 OD/ housing 53.45, Total length 71.00,
 Splines A 9, No./ teeth 9, Rotation ACR


131187 Drive

Replacing: 095609
 Servicing: d9e16, d9e21
 ID 12.10, OD 25.50,
 OD/ housing 49.75, Total length 83.70,
 Splines A 9, No./ teeth 9, Rotation CR


131188 Drive

Replacing: 096119, 093625, 092081,
 078863, 075593
 Servicing: 532011A, 533001A, 6155H,
 6155J, 6155K, 6155L
 ID 12.00, OD 25.30,
 OD/ housing 47.05, Total length 67.80,
 Splines A 9, No./ teeth 9, Rotation ACR


131343 Drive

Replacing: ne155, 589173, 059390
 Servicing: d15e29, D15E29TE, d15e30,
 d15e30te
 ID 20.00, OD 46.80,
 OD/ housing 65.25, Total length 151.70,
 Splines A 6, No./ teeth 12, Rotation CR



131999 Drive

Replacing: ne883, ne209, 594245, 185182, 182047, 105538

Servicing: d9r134, d9r73

ID 12.00, OD 31.80,
OD/ housing 54.00, Total length 61.50,
Splines A 9, No./ teeth 12, Rotation CR



132020 Drive

Replacing: 105540

Servicing: d9r121, d9r84

ID 12.00, OD 27.70,
OD/ housing 54.00, Total length 61.50,
Splines A 9, No./ teeth 10, Rotation CR



132021 Drive

Replacing: 181277, 180826

Servicing: d9r90

ID 12.00, OD 34.40,
OD/ housing 54.50, Total length 76.50,
Splines A 9, No./ teeth 11, Rotation CR



132022 Drive

Replacing: 594040, 181068

Servicing: d9r105, d9r1050, D9R91

ID 12.00, OD 36.50,
OD/ housing 54.00, Total length 61.50,
Splines A 9, No./ teeth 9, Rotation CR
Gear shaft: HC-CARGO 133336.



132170 Drive

Replacing: 079646

ID 14.00, OD 39.75,
OD/ housing 60.00, Total length 84.75,
Splines A 6, No./ teeth 10, Rotation CR

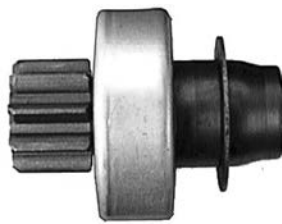


132175 Drive

Replacing: 101292

Servicing: d9e131, d9e132, d9e43, d9e44, d9e83

ID 12.00, OD 25.25,
OD/ housing 47.00, Total length 64.65,
Splines A 9, No./ teeth 9, Rotation CR



132176 Drive

Replacing: 102846

Servicing: d9e57, d9e98

ID 12.00, OD 25.35,
OD/ housing 47.00, Total length 60.70,
Splines A 9, No./ teeth 9, Rotation ACR



132177 Drive

Replacing: 103611

Servicing: d10e85, d10e92, D10E921, d10e922

ID 12.00, OD 29.00,
OD/ housing 46.00, Total length 59.00,
Splines A 9, No./ teeth 11, Rotation CR



132178 Drive

Replacing: 104502, 103624

Servicing: d11e184, d11e188

ID 11.65, OD 27.75,
OD/ housing 54.00, Total length 76.10,
Splines A 12, No./ teeth 10, Rotation CR



132181 Drive

Replacing: 106140

Servicing: 534023A, 534029A, 534031A, 534032A, 534039A, 534042A, 534042B, 534043A, 534044A, 534047A, 534054D, 534055E

ID 12.00, OD 25.25,
OD/ housing 46.25, Total length 53.00,
Splines A 9, No./ teeth 9, Rotation CR
w/ lever.



132190 Drive

Replacing: 098098

Servicing: d10e66, d10e74

ID 12.00, OD 25.20,
OD/ housing 47.25, Total length 64.40,
Splines A 9, No./ teeth 9, Rotation CR



132191 Drive

Replacing: 098437

Servicing: d8e148

ID 12.00, OD 28.90,
OD/ housing 47.00, Total length 61.00,
Splines A 9, No./ teeth 9, Rotation ACR


132200 Drive

Replacing: 105332, 105325
 Servicing: d11e191, d11e192
 ID 12.00, OD 27.15,
 OD/ housing 46.55, Total length 78.55,
 Splines A 9, No./ teeth 10,
 Drive type Steel, Rotation CR
 Alternative no.: 132200z


132200Z Drive

Replacing: 105332, 105325
 ID 12.00, OD 27.10,
 OD/ housing 46.55, Total length 78.55,
 Splines A 9, No./ teeth 10,
 Drive type Steel, Rotation CR
 Alternative no.: 132200


132206 Drive

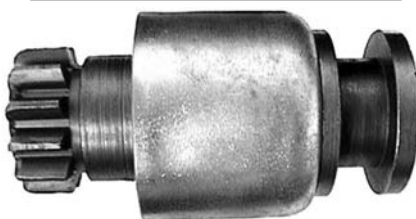
Replacing: 104927
 Servicing: d10e88, d10e881, d10e882,
 d10e89
 ID 12.00, OD 25.30,
 OD/ housing 47.00, Total length 59.00,
 Splines A 9, No./ teeth 9, Rotation CR


132899 Drive

Replacing: 075379
 Servicing: d11e120, d11e131, D11E158
 ID 14.00, OD 34.25,
 OD/ housing 65.55, Total length 75.75,
 Splines A 6, No./ teeth 9, Rotation CR


132962 Drive

Replacing: ne575, ne515, ne195, 589074,
 101598, 094635, 092718, 079333
 Servicing: D13E107TE, d13e109te, D13E110,
 D13E110TE, d13e77E, d13e77t, d13e86te,
 d13e87te, D13E94TE, d13e96te
 ID 16.00, OD 46.85,
 OD/ housing 65.35, Total length 150.50,
 Splines A 6, No./ teeth 12, Rotation CR
 For wet clutch.


132964 Drive

Replacing: ne169, 589077, 094202
 Servicing: d13e105, d13e111, d13e95
 ID 16.70, OD 46.65,
 OD/ housing 65.30, Total length 122.50,
 Splines A 6, No./ teeth 12, Rotation CR


132974 Drive

Replacing: ne784, ne778, 594031, 594029,
 184448
 Servicing: d6ra10, d6ra12, d6ra16, d6ra18,
 d6ra20, d6ra23, d6ra26, d6ra37, d6ra38,
 d6ra41, d6ra45, d6ra46, d6ra5, d6ra51, d6ra57
 ID 12.00, OD 25.80,
 OD/ housing 46.00, Total length 51.00,
 Splines A 9, No./ teeth 9


132975 Drive

Replacing: 594032, 184488
 Servicing: D6RA13
 ID 12.00, OD 29.30,
 OD/ housing 48.00, Total length 51.00,
 Splines A 9, No./ teeth 9, Rotation CR


133233 Drive

Replacing: ne207, 180754
 Servicing: d9e93
 ID 12.00, OD 28.80,
 OD/ housing 47.00, Total length 54.80,
 Splines A 9, No./ teeth 9, Rotation ACR


133336 Drive

Replacing: ne212, 182178
 Servicing: d9r91
 OD 36.40, OD/ housing 53.80,
 Total length 129.20, No./ teeth 9, Rotation CR
 Drive: HC-CARGO 132022.


133442 Drive

Replacing: ne187, 589053, 588799, 097338,
 093079, 059305
 Servicing: d11e122, d11e122t, d11e128,
 d11e128t, d11e130, d11e89, d11e89t,
 d11e89te, d11e90, d11e90t
 ID 17.00, OD 40.20, OD/ housing 65.60,
 Total length 102.00, Splines A 6,
 No./teeth 10, Drive type Bronze, Rotation CR
 Bronze.


133712 Drive

Replacing: 074515
 ID 12.55, OD 28.00,
 OD/ housing 47.00, Total length 59.55,
 Splines A 10, No./ teeth 8, Rotation CR



133897 Drive

Replacing: ne776, 594042, 186456, 184530, 182176, 180827

Servicing: d9r112, d9r118, D9R119, d9r122, d9r135, d9r149, d9r89, d9r99, D9RP160, D9RP256

ID 12.00, OD 29.15,
OD/ housing 46.15, Total length 61.55,
Splines A 9, No./ teeth 11, Rotation CR



134292 Drive

Replacing: 183412

Servicing: d9r97

ID 12.00, OD 34.00,
OD/ housing 53.25, Total length 76.50,
Splines A 9, No./ teeth 11, Rotation ACR
OE w/ gear shaft: HC-CARGO 139288.



134615 Drive

Replacing: 095976

Servicing: d11e158

ID 14.00, OD 34.25,
OD/ housing 65.60, Total length 76.00,
Splines A 12, No./ teeth 9, Rotation CR



134645 Drive

Replacing: 099623

Servicing: d10e75, d10e81, d10e83

ID 12.00, OD 25.60,
OD/ housing 47.00, Total length 71.80,
Splines A 12, No./ teeth 9, Rotation CR



135083 Drive

Replacing: ne830, 594108, 186020, 185441

Servicing: D6RA100, D6RA132, D6RA162, D6RA163, D6RA249, D6RA293, d6ra32, d6ra33, d6ra39, D6RA46, d6ra48, D6RA49, D6RA56, d6ra59

ID 12.00, OD 27.70,
OD/ housing 46.00, Total length 51.45,
Splines A 9, No./ teeth 10, Rotation CR



135084 Drive

Replacing: ne831, 594368, 594136, 188256, 185290

Servicing: d7r1, d7r11, d7r15, d7r151, d7r2, D7R24, d7r3, d7r33, d7r4, D7R45, D7R64

ID 12.00, OD 27.65,
OD/ housing 54.00, Total length 54.50,
Splines A 9, No./ teeth 10, Rotation CR



135085 Drive

Replacing: 594163

Servicing: D6RA46

ID 12.00, OD 25.25,
OD/ housing 46.50, Total length 55.45,
Splines A 10, No./ teeth 9, Rotation ACR
Alternative no.: 333203



135282 Drive

Replacing: 184194

Servicing: d9r116, d9r144

ID 12.00, OD 42.00,
OD/ housing 53.00, Total length 83.85,
Splines A 9, No./ teeth 11, Rotation CR
Gear shaft: HC-CARGO 230963.



135389 Drive

Replacing: 594185, 549185, 185915

Servicing: 188839, d7r12, D7R127, d7r13, d7r16, d7r18, d7r19, d7r20, d7r25, d7r26, d7r27, d7r28, D7R281, D7R32, d7r35, d7r40

ID 12.00, OD 29.00,
OD/ housing 54.00, Total length 54.50,
Splines A 9, No./ teeth 11, Rotation CR



135647 Drive

Replacing: 594214, 186938, 186867

Servicing: D6RA137, d6ra138, D6RA141, d6ra161, D6RA165, D6RA185, D6RA187, D6RA188, D6RA51, d6ra511, D6RA53, d6ra571, d6ra572

ID 12.00, OD 25.30,
OD/ housing 46.30, Total length 51.60,
Splines A 5, No./ teeth 9, Rotation CR



136426 Drive

Replacing: ne484, ne483, 074658, 056328

Servicing: d11e119, d11e119t, d11e129, d11e129t, d11e137, d11e141, D11E154, D11E155, d11e92, d11e92t

ID 16.00, OD 40.00,
OD/ housing 65.65, Total length 82.65,
Splines A 6, No./ teeth 10, Rotation CR



136619 Drive

Replacing: 180753

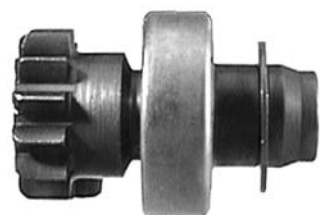
Servicing: d9e92

ID 12.00, OD 25.25,
OD/ housing 47.00, Total length 54.80,
Splines A 9, No./ teeth 9, Rotation ACR


136642 Drive

Replacing: 099394, 097394

Servicing: d11e167t, d11e202

 ID 14.10, OD 35.50,
 OD/ housing 60.00, Total length 83.70,
 Splines A 12, No./ teeth 9, Rotation CR

137271 Drive

Replacing: 101910

Servicing: d9e51

 ID 12.00, OD 40.15,
 OD/ housing 47.65, Total length 70.25,
 Splines A 9, No./ teeth 13, Rotation ACR

137455 Drive

Replacing: 594086, 185457

Servicing: D6RA22, D6RA52

 ID 12.00, OD 29.50,
 OD/ housing 47.60, Total length 50.85,
 Splines A 9, No./ teeth 9, Rotation CR

137733 Drive

Replacing: 594419, 594252, 594177

 Servicing: 626002, d6ra100, d6ra105,
 d6ra107, d6ra109, D6RA114, D6RA133,
 d6ra162, D6RA163, D6RA249, D6RA293,
 D6RA56, D6RA59

 ID 12.00, OD 27.75,
 OD/ housing 46.35, Total length 51.70,
 Splines A 5, No./ teeth 10, Rotation CR

138113 Drive

Replacing: 594247, 187077

 Servicing: d6ra76, D6RA77, D6RA78, D6RA79
 ID 12.10, OD 27.85,
 OD/ housing 47.55, Total length 51.45,
 Splines A 10, No./ teeth 8, Rotation CR

138208 Drive

Replacing: 180719

Servicing: d11e272

 ID 12.00, OD 27.70,
 OD/ housing 53.50, Total length 65.45,
 Splines A 9, No./ teeth 10, Rotation CR

138408 Drive

Replacing: 594106, 184671

Servicing: D6RA11, d6ra40

 ID 12.00, OD 25.50,
 OD/ housing 47.65, Total length 65.90,
 Splines A 9, No./ teeth 9, Rotation CR

139153 Drive

Replacing: 594033, 594030

Servicing: D6RA15, D6RA7

 ID 12.00, OD 25.20,
 OD/ housing 48.00, Total length 56.65,
 Splines A 9, No./ teeth 9, Rotation CR

139318 Drive

Replacing: 594034, 184795

 Servicing: d6ra17, d6ra19, d6ra27, d6ra29,
 d6ra34, d6ra50, d6ra54, d6ra60

 ID 12.00, OD 29.65,
 OD/ housing 47.65, Total length 66.70,
 Splines A 9, No./ teeth 9, Rotation ACR

139320 Drive

Replacing: 187428

Servicing: d7e2

 ID 11.00, OD 25.00,
 OD/ housing 46.00, Total length 43.00,
 Splines A 5, No./ teeth 9, Rotation CR

139473 Drive

Replacing: 594725, 594287, 193512, 187863

 Servicing: D7E1, d7e16, D7E2, d7e23,
 D7E25, d7e26, D7E39, d7e5, d7e52, D7E7,
 TS8E3, TS8E4, TS8E5

 ID 11.00, OD 25.30,
 OD/ housing 46.00, Total length 41.00,
 Splines A 5, No./ teeth 9, Rotation CR

139477 Drive

Replacing: ne971, 594345, 187788, 182848

 Servicing: d7e15, d7e18, D7E19, D7E20,
 D7E27, D7E38, d7e4, d7e6, d7e8, d7ed28,
 D7EP12

 ID 11.00, OD 23.80,
 OD/ housing 46.00, Total length 44.00,
 Splines A 5, No./ teeth 8, Rotation CR



139478 Drive

Replacing: 594279, 187528, 059427
 Servicing: D7R12, D7R127, d7r19, D7R27, d7r28, D7R281, D7R32, D7RP123
 ID 12.00, OD 29.00,
 OD/ housing 54.00, Total length 54.00,
 Splines A 10, No./ teeth 11, Rotation CR



139898 Drive

Replacing: 182243
 Servicing: d9e108
 ID 12.20, OD 26.75,
 OD/ housing 47.85, Total length 54.75,
 Splines A 9, No./ teeth 10, Rotation CR



139905 Drive

Replacing: 594251, 186321
 Servicing: d9r142
 ID 12.00, OD 31.90,
 OD/ housing 54.40, Total length 61.30,
 Splines A 9, No./ teeth 10, Rotation CR



230253 Drive

Replacing: ne210, 182052
 Servicing: d9r121, d9r84
 OD 68.80, Total length 129.30,
 Splines A 9, No./ teeth 10, Rotation CR
 Drive: HC-CARGO 132020.



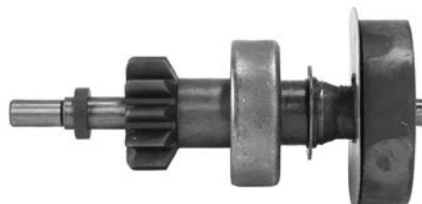
230353 Drive

Replacing: ne957, 594303, 187567
 Servicing: d7r17, D7R42, D7RP82
 ID 12.00, OD 27.95,
 OD/ housing 47.60, Total length 54.85,
 Splines A 10, No./ teeth 10, Rotation CR



230354 Drive

Replacing: ne966, 594324, 187983
 Servicing: d7r22, d7r23
 ID 12.00, OD 31.85,
 OD/ housing 54.00, Total length 54.75,
 Splines A 10, No./ teeth 10, Rotation CR



230963 Drive

Replacing: 594043
 Servicing: d9r116, d9r144
 OD 68.60, Total length 152.30, Splines A 9, No./ teeth 11, Rotation CR
 Drive: HC-CARGO 135282.



231073 Drive

Replacing: 594361
 Servicing: D6RA181, D6RA81
 ID 11.80, OD 29.00,
 OD/ housing 48.00, Total length 68.90,
 Splines A 5, No./ teeth 9, Rotation CR



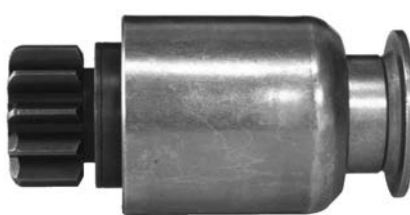
231093 Drive

Replacing: 594389
 Servicing: D7RS129, D7RS130, D7RS131, D7RS29, D7RS30, D7RS301, D7RS31
 ID 16.25, OD 28.80,
 OD/ housing 53.00, Total length 91.20,
 Splines A 9, No./ teeth 11, Rotation ACR



231204 Drive

Replacing: 182177
 Servicing: d9r90
 OD 34.40, No./ teeth 11, Rotation CR
 Drive: HC-CARGO 132021. Shaft: HC-CARGO 233528.



231413 Drive

Replacing: ne955, 594295, 187449
 Servicing: d13hp601
 ID 19.00, OD 41.30, Total length 114.50,
 Splines A 19, No./ teeth 11, Rotation CR



231667 Drive

Replacing: 594110, 594035, 185744, 184799
 Servicing: D6RA21, D6RA42, d6ra43
 ID 12.00, OD 29.50,
 OD/ housing 47.60, Total length 51.45,
 Splines A 9, No./ teeth 9, Rotation ACR


231932 Drive

Replacing: 594410, 188993

Servicing: d7r34, d7r53, D7R56, D7RP204, D8R1, TM000A34101, TM000A36101

 ID 12.10, OD 32.00,
 OD/ housing 53.60, Total length 55.00,
 Splines A 9, No./ teeth 10, Rotation CR

232632 Drive

Replacing: 103066

Servicing: d13e117te, d13e118te, d13e119te, d13e120te, d13e121te, d13e122te, D13E123, D13E1231TE, d13e123te, d13hp605, d13hp607

 ID 19.00, OD 46.30,
 OD/ housing 58.00, Total length 118.45,
 Splines A 19, No./ teeth 12, Rotation CR

233450 Drive

Replacing: NE869, 594107, 185283

Servicing: D6RA30

 ID 12.15, OD 29.50,
 OD/ housing 48.00, Total length 50.75,
 Splines A 9, No./ teeth 11, Rotation CR

233496 Drive

Replacing: 594291

Servicing: d13hp613, d13hp709

 ID 19.00, OD 56.20, Total length 118.50,
 Splines A 19, No./ teeth 11, Rotation CR

233996 Drive

Replacing: 594378

Servicing: D7ES1, D7ES2, D7ES4

 ID 11.20, OD 23.20,
 OD/ housing 46.50, Total length 74.90,
 Splines A 10, No./ teeth 8, Rotation ACR

234086 Drive

Replacing: 594382, 188595

Servicing: d6ra101, d6ra104, d6ra105, d6ra110, d6ra115

 ID 12.00, OD 29.40,
 OD/ housing 47.00, Total length 50.80,
 Splines A 5, No./ teeth 11, Rotation CR

234088 Drive

Replacing: 594308, 187084

Servicing: d7r14

 ID 12.00, OD 32.70,
 OD/ housing 54.00, Total length 69.45,
 Splines A 10, No./ teeth 10, Rotation CR

234231 Drive

Replacing: 594436

Servicing: D7E19, d7e20, D7E22, d7e27

 ID 11.00, OD 23.60,
 OD/ housing 47.10, Total length 41.20,
 Splines A 10, No./ teeth 8, Rotation CR
 Alternative no.: 234231Z

234231Z Drive

Replacing: 594436

 ID 11.00, OD 23.65,
 OD/ housing 46.20, Total length 41.05,
 Splines A 5, No./ teeth 8,
 Drive type Steel, Rotation CR
 Alternative no.: 234231

234819 Drive

Replacing: 594631

Servicing: 190895, D7G26, d7g3

 ID 12.00, OD 28.90,
 OD/ housing 50.00, Total length 45.00,
 Splines A 10, No./ teeth 11, Rotation CR

234918 Drive

Replacing: 594248

Servicing: d6ra168, d6ra68

 ID 12.10, OD 25.15,
 OD/ housing 47.65, Total length 57.30,
 Splines A 10, No./ teeth 9, Rotation CR

234996 Drive

Replacing: 594451

Servicing: d7e29, D7E30, d7e31, d7e32, D7E42

 ID 11.00, OD 27.00,
 OD/ housing 47.00, Total length 44.20,
 Splines A 10, No./ teeth 8, Rotation CR



235085 Drive

Replacing: ne573, 054104
 Servicing: d11e69
 ID 14.00, OD 38.65,
 OD/ housing 59.00, Total length 83.00,
 Splines A 6, No./ teeth 10, Rotation CR



235086 Drive

Replacing: ne152, 054174
 Servicing: d11e70, d11e75
 ID 14.00, OD 34.39,
 OD/ housing 57.66, Total length 76.28,
 Splines A 6, No./ teeth 9, Rotation CR



235087 Drive

Replacing: ne153, 054335
 Servicing: d11e111, d11e140, d11e144,
 d11e74, d11e74t, d11e84
 ID 14.17, OD 39.75,
 OD/ housing 57.71, Total length 76.04,
 Splines A 6, No./ teeth 10, Rotation CR



235088 Drive

Replacing: ne306, ne305
 ID 14.00, OD 40.00,
 OD/ housing 57.80, Total length 75.15,
 Splines A 6, No./ teeth 10, Rotation CR



235179 Drive

Replacing: 594356, 594314
 Servicing: D6RA167, D6RA180, D6RA67,
 D6RA80, d6ra91
 ID 12.00, OD 29.60,
 OD/ housing 47.00, Total length 65.95,
 Splines A 10, No./ teeth 9, Rotation CR



235252 Drive

Replacing: 594472
 Servicing: D7RS150, d7rs50
 ID 12.00, OD 29.00,
 OD/ housing 53.15, Total length 92.80,
 Splines A 9, No./ teeth 11, Rotation ACR



235840 Drive

Replacing: 101763
 Servicing: D9E103, D9E130, d9e50
 ID 12.03, OD 46.90,
 OD/ housing 46.90, Total length 75.00,
 Splines A 9, No./ teeth 9,
 Drive type Steel, Rotation CR



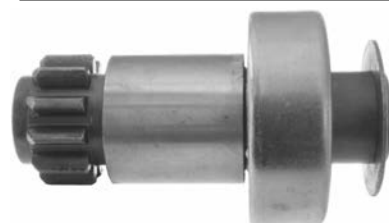
236238 Drive

Replacing: 594465
 Servicing: D7G4
 ID 12.00, OD 31.50,
 OD/ housing 49.85, Total length 55.00,
 Splines A 10, No./ teeth 10, Rotation CR



236270 Drive

Replacing: 594657
 Servicing: D7G11
 ID 12.00, OD 32.40,
 OD/ housing 49.15, Total length 45.40,
 Splines A 10, No./ teeth 10, Rotation CR



236477 Drive

Servicing: 191335, D7GS8
 ID 16.20, OD 29.50,
 OD/ housing 48.65, Total length 82.00,
 Splines A 8, No./ teeth 11, Rotation ACR



236607 Drive

OD 29.00, Total length 93.50, Splines A 10, No./ teeth 9, Rotation CR



236609 Drive

Replacing: 594665
 Servicing: D6GS11, D6GS12, D6GS13
 ID 12.00, OD 28.40,
 OD/ housing 54.00, Total length 81.75,
 Splines A 10, No./ teeth 10,
 Drive type Steel, Rotation ACR


236797 Drive

Replacing: 192978, 191601

Servicing: D6G1, D6G3, D6G32, D6G33, D6G5

 ID 12.00, OD 25.30,
 OD/ housing 47.95, Total length 45.45,
 Splines A 10, No./ teeth 9, Rotation CR

236896 Drive

Replacing: 594453

Servicing: d7es5, TS10E26

 ID 10.00, OD 25.30, Total length 75.20,
 Splines A 10, No./ teeth 9, Rotation ACR

236985 Drive

Servicing: TM000A31201

 ID 12.02, OD 29.10,
 OD/ housing 29.14, Total length 51.30,
 Splines A 8, No./ teeth 9, Rotation CR

237291 Drive

Servicing: D7GS9

 ID 12.10, OD 29.10,
 OD/ housing 48.69, Total length 82.00,
 Splines A 8, No./ teeth 9, Rotation CR

237776 Drive

Replacing: 594696, 192125

Servicing: D7E40, D7E41, TS8E3, TS8E5

 ID 11.02, OD 26.90,
 OD/ housing 46.00, Total length 41.60,
 Splines A 5, No./ teeth 8,
 Drive type Steel, Rotation CR

239359 Drive

Replacing: 191769

 Servicing: D7E18, D7E19, d7e22, D7E27,
 D7E38, D7E4, D7E47, D7E6, D7E8, D7ED281,
 TS10E3, TS10E4, TS10E5

 ID 11.00, OD 23.60,
 OD/ housing 47.10, Total length 41.20,
 Splines A 5, No./ teeth 8,
 Drive type Steel, Rotation CR

330104 Drive

Servicing: ts22e5, ts22e5b, ts22e8, ts22e9

 ID 12.05, OD 32.20,
 OD/ housing 48.65, Total length 45.47,
 Splines A 8, No./ teeth 10,
 Drive type Steel, Rotation CR

330452 Drive

Replacing: 594726

Servicing: TS8E2, TS8E6

 ID 11.05, OD 25.38,
 OD/ housing 46.20, Total length 41.20,
 Splines A 5, No./ teeth 9,
 Drive type Steel, Rotation CR

330533 Drive

Replacing: 194480, 194440

Servicing: TS10E1

 ID 11.05, OD 45.00,
 OD/ housing 44.45, Total length 44.45,
 Splines A 5, No./ teeth 8,
 Drive type Steel, Rotation CR

330568 Drive

Servicing: 1250128

 OD 14.65, OD/ housing 55.48,
 Total length 110.20, Splines A 19,
 Splines B 4, Rotation CR

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330800 Drive

Servicing: TS18E13, ts22e26

 ID 12.09, OD 28.85,
 OD/ housing 49.88, Total length 45.55,
 Splines A 8, No./ teeth 11,
 Drive type Steel, Rotation CR

333203 Drive

Manufacturer: Bosch

Replacing: 594163

 ID 12.00, OD 25.25,
 OD/ housing 46.50, Total length 55.45,
 Splines A 10, No./ teeth 9,
 Drive type Steel, Rotation ACR
 Alternative no.: 135085

Drive Parts

Caps



134162 Dp Cap
ID 46.05, OD 47.10

Pkg. 10



134205 Dp Cap
ID 51.10, OD 53.25

Pkg. 25



134254 Dp Cap
ID 44.90, OD 46.25

Pkg. 100



134271 Dp Cap
ID 65.02, OD 66.90

Pkg. 10

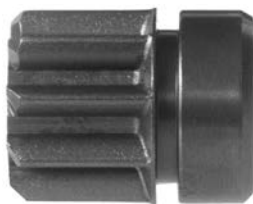
Gaskets



134170[#] Dp Gear
ID 11.90, OD 25.20, Height 24.80,
No./ teeth 9

Pkg. 10

Gears



134168 Dp Gear
ID 12.00, OD 25.10, Height 31.90,
No./ teeth 9

Pkg. 10



134169 Dp Gear
ID 12.10, OD 25.20, Height 24.90,
No./ teeth 9

Pkg. 10



134171 Gear
ID 11.90, OD 25.00, Height 31.90,
No./ teeth 9

Pkg. 10



134173 Dp Gear
ID 11.90, OD 25.00, Height 25.40,
No./ teeth 9

Pkg. 10



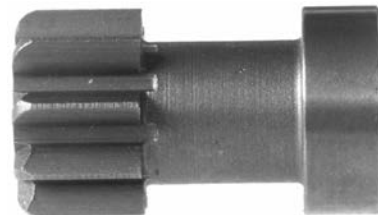
134174[#] Dp Gear
ID 13.00, OD 25.20, Height 25.45,
No./ teeth 9

Pkg. 10



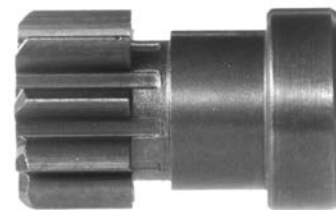
134177[#] Dp Gear
ID 14.00, OD 34.30, Height 42.60,
No./ teeth 9

Pkg. 10



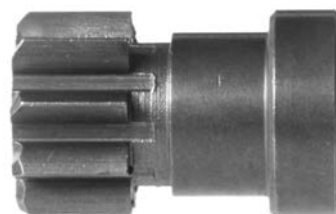
134180[#] Dp Gear
ID 11.90, OD 25.30, Height 44.40,
No./ teeth 9

Pkg. 10



134181 Dp Gear
ID 11.80, OD 25.50, Height 41.45,
No./ teeth 9

Pkg. 10



134184[#] Dp Gear
ID 11.90, OD 28.95, Height 47.25,
No./ teeth 9

Pkg. 10



134185[#] Dp Gear
ID 12.00, OD 27.70, Height 28.65,
No./ teeth 10

Pkg. 10



134233 Dp Gear
ID 12.10, OD 25.00, Height 32.60,
No./ teeth 9

Pkg. 10



134234 Dp Gear
ID 12.00, OD 25.20, Height 26.70,
No./ teeth 9



137012# Gear Wheel
ID 12.00, OD 25.45, Height 36.40,
No./ teeth 9

Rollers

Pkg. 1000



134212 Roller
OD 6.00, Length 9.70

Pkg. 500



134215 Dp Rollers
OD 5.50, Length 9.70

Pkg. 500



134222 Dp Rollers
OD 6.00, Length 8.80

Pkg. 1000



134244 Dp Rollers
OD 6.35, Length 9.35

Pkg. 100



139590 Dp Rollers
OD 5.90, Length 8.00

Springs

Pkg. 500



134218 Dp Springs
Length 13.70

Pkg. 500



134220 Dp Springs
Length 14.15

Pkg. 1250



134263 Dp Springs
Length 14.15

Pkg. 2000



134264 Dp Springs
Length 12.35

Pinion



139953 Pinion
Servicing: HK988300, mg120413, MG120445,
TM000A14901
ID 13.25, OD 32.55, Height 18.25,
Splines 19, No./ teeth 10



235327 Pinion
Servicing: mg122433
ID 13.68, OD 39.63, Height 18.26,
Splines 19, No./ teeth 13



237086 Pinion
Servicing: HQ808670, MG122202,
mg122433, TM000A18601
ID 13.74, OD 39.51, Height 18.27,
Splines 19, No./ teeth 13

NEW PRODUCT
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330887 Pinion

Servicing: 1250449
ID 15.80, OD 46.28, Height 16.69,
Splines 22, No./ teeth 33

Various

Pkg. 10



236360 Plug

OD/ collar 18.00, OD 16.55, Length 4.10,
Height/ collar 0.90

Planet Gears



135081 Planet Gear (new)

Replacing: 594538
Servicing: d6ra10, d6ra12, d6ra13,
D6RA132, d6ra16, d6ra18, d6ra20, d6ra22,
d6ra26, d6ra30, d6ra32, d6ra33, d6ra37,
d6ra38, d6ra39
Shaft dia./ middle 12.00,
Total length 113.40, Splines 9
Outer gear: HC-CARGO 133954.



135388 Planet Gear

Replacing: 594141
Servicing: d7r1, d7r2, d7r3, d7r4, D7R45,
d7r5, d7r7
Shaft dia./ middle 11.90,
Total length 126.70, Splines 9



138151 Planet Gear

Replacing: 594373, 594187
Servicing: 188839, d7r11, d7r12, D7R127,
d7r13, d7r15, d7r151, d7r16, d7r18, d7r19,
d7r20, d7r24, d7r25, d7r26, d7r27, d7r28
Shaft dia./ middle 11.90,
Total length 90.00, Splines 9



233994 Planet Gear

Replacing: 594283
Servicing: D7R12, D7R127, d7r17, d7r19,
d7r22, d7r23, D7R27, d7r28, D7R281, D7R32,
D7R42, D7RP123, D7RP82
Shaft dia./ middle 12.00,
Total length 119.70, Splines 10



234151[#] Planet Gear

Replacing: 594551
Servicing: D6RA107, D6RA70, d6ra83,
D6RA92, D6RAD183, D6RADP359, D6RAP404
Shaft dia./ middle 12.00,
Total length 111.75, Splines 10



234387 Planet Gear

Replacing: 594699, 594395
Servicing: D7RS129, D7RS130, D7RS131,
d7rs29, d7rs30, D7RS301, d7rs31, d7rs50
Shaft dia./ middle 30.00,
Total length 131.80/144.80, Splines 9,
Rotation ACR
Drive: HC-CARGO 231093, 235252.



235706 Planet Gear

Replacing: 594541
Servicing: D6RA138, d6ra141, d6ra161,
D6RA163, D6RA293, d6ra511, d6ra53,
d6ra56, d6ra571, d6ra572, D6RA59,
d6ra661, d6ra74
Shaft dia./ middle 11.95,
Total length 111.50, Splines 10,
No./ teeth 15, Rotation CR



235707 Planet Gear

Replacing: 594542
Servicing: d6ra133, d6ra162, D6RA249,
d6ra62, d6ra73, D6RA93
Shaft dia./ middle 18.00,
Total length 112.90, Splines 10,
No./ teeth 22, Rotation CR



235708 Planet Gear

Replacing: 594547
Servicing: d6ra721
Shaft dia./ middle 12.20,
Total length 113.00, Splines 10,
Rotation CR



235709 Planet Gear

Replacing: 594549
Servicing: d6ra100, d6ra108, d6ra109
Shaft dia./ middle 12.00,
Total length 112.00, No./ teeth 3

Gear Parts
Gear Shafts

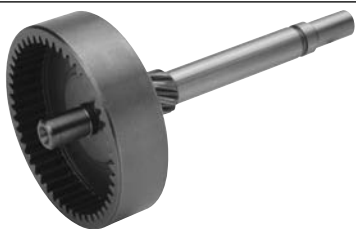
233528 Gear Shaft

Servicing: 182177

 OD/ shaft 14.00, Total length 144.00,
No./ splines 9

233529# Gear Shaft

Servicing: 594152

 OD/ shaft 14.30, Total length 129.00,
No./ splines 9

235498 Gear Shaft

Replacing: 594152

 Servicing: d9r105, d9r112, d9r118, d9r119,
d9r121, d9r122, d9r142, d9r149, d9r73,
d9r84, d9r89, d9r91, d9r99, D9RP160,
D9RP256

 OD/ shaft 9.95, Total length 129.55,
No./ splines 9

236695# Gear Shaft

Servicing: M60082, tm000a13901

 OD/ shaft 9.91, Total length 105.60,
No./ splines 8

Outer Gear

133403 Outer Gear

Replacing: 35137-32510

 Servicing: M42373, M52100, M53486,
MG112014, MG112022, MP112033,
MP112040, MP112041, MP112042, MP112043,
TM000A07901, TM000A08401

 ID 49.15, OD 65.00, Height 30.20,
No./ teeth 43

133954 Outer Gear

 Servicing: 594538, 594541, 594542, d6ra15,
D6RA30, D6RA42, D6RA43, D6RA47, d6ra7
OD 80.15, Height 24.60, No./ teeth 59
Cap: HC-CARGO 233460.

233592 Outer Gear

Replacing: 135081

 Servicing: D6RA168, d6ra40, D6RA63,
D6RA68

OD 55.10, No./ teeth 37


234891 Outer Gear

Servicing: 594470

OD 68.00, No./ teeth 59


333036 Outer Gear

 ID 53.60, OD 67.60, Height 35.60,
No./ teeth 56

Pkg. 5


333037 Outer Gear

Servicing: ESW20ER121

 ID 53.60, OD 67.60, Height 35.40,
No./ teeth 56

Gear Covers

Pkg. 10


233460 Gear Plate

ID 15.60, OD 49.43, Thickness 3.95

Pkg. 10


331011 Gear Plate

 Servicing: D6RA181, d6ra68, d6ra81,
D6RAD183, D6RADP359

ID 14.15, OD 51.80

Gear Wheels

Pkg. 10



135325 Gear Wheel

Servicing: 594019
 ID 4.00, OD 18.30, Height 7.40,
 No./ teeth 22
 Bushing: HC-CARGO 140952.



235159 Gear Wheel

Servicing: d6ra
 OD 19.80, No./ teeth 15

Various

Pkg. 10



135326 Steel Pin

Servicing: 594019, 626002, D6RA100,
 D6RA114, D6RA15, D6RA167, D6RA168,
 D6RA181, D6RA42, D6RA43, D6RA47,
 D6RA63, d6ra67, D6RA68
 OD 4.00, Length 13.90



135867 Armature Gear

Servicing: 182175, D9R112, D9R116,
 D9R118, D9R119, D9R121, D9R122, D9R142,
 D9R144, D9R149, D9R73, D9R84, D9R89,
 D9R90, D9R91
 ID 10.00, OD 21.10, Height 34.40,
 No./ teeth 15

Pkg. 5



137579 Washer

Replacing: 2590944
 ID 21.60, OD 38.60, Thickness 2.50
 Reduction gear: HC-CARGO 231377.

Pkg. 10



230088 Steel Pin

Servicing: 594187, D8R49
 OD 5.00, Length 18.00

Pkg. 10



236215 Washer

Servicing: d9r105, d9r112, D9R116, d9r118,
 d9r119, d9r122, d9r142, d9r144, d9r149,
 D9R73, d9r89, d9r90, d9r91, d9r97, d9r99
 ID 18.00, OD 29.70, Thickness 1.10,
 Material Fiber

Levers



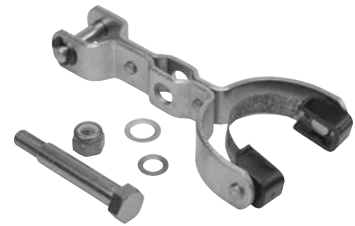
132029 Lever Kit

Replacing: 182048
 Servicing: d9r105, d9r1050, d9r106, d9r116,
 d9r118, d9r119, d9r121, d9r122, D9R126,
 d9r135, d9r139, d9r144, d9r149, d9r73,
 d9r84
 Dist. 25.35, ID 5.15, Length 90.70
 Lever only: HC-CARGO 134866.



132971 Lever Kit

Replacing: 182156, 182154
 Servicing: d13e100te, D13E101TE,
 d13e104te, d13e105, D13E107TE,
 d13e108te, d13e109te, D13E110,
 D13E110TE, d13e111, d13e116, d13e72
 Dist. 41.15, ID 8.45, Length 120.00



132972 Lever Kit

Replacing: 182163
 Servicing: d15e29, D15E29TE, d15e30,
 d15e30te
 Dist. 42.10, ID 10.25, Length 138.65



133077 Lever Kit

Replacing: 594068, 181084
 Servicing: d6ra10, d6ra100, d6ra108, d6ra109,
 d6ra11, d6ra12, d6ra13, D6RA132, D6RA141,
 d6ra15, d6ra16, d6ra17, d6ra18, d6ra19
 Dist. 25.80, ID 5.30, Length 75.20
 Lever only: HC-CARGO 134105.



133139 Lever Kit

Replacing: 300838
 Servicing: d10e85, d10e87, d10e88,
 d10e881, d10e882, d10e89, d10e90, d10e92,
 d10e921, d10e922, D9EP119
 Dist. 25.60, ID 5.30, Length 90.75

Pkg. 5


134105 Lever

Servicing: D6RA10, D6RA100, D6RA12, D6RA13, D6RA132, D6RA15, D6RA16, D6RA162, D6RA163, D6RA18, D6RA20, D6RA22, D6RA249, D6RA293
Dist. 25.80, **ID** 5.30, **Length** 75.20
Lever w/ plunger: HC-CARGO 133077.


134813[#] Lever Kit

Replacing: 182056
Servicing: d10e59, d10e66, d10e69, d10e72, d10e74, d10e96, d10e97, D8E130, D8E131, d8e54, D9E11, d9e12, d9e14, d9e19, d9e20, d9e22
Dist. 20.15, **ID** 10.00, **Length** 91.65

Pkg. 5


134866 Lever

Servicing: D9E100, D9E101, D9E108, D9E131, D9E132, D9E136, D9E137, D9E138, D9E200, D9E237, D9E238, D9E276, D9E278, D9E300, D9E36
Dist. 25.60, **ID** 5.40, **Length** 90.65
Lever w/ plunger: HC-CARGO 132029.

Pkg. 5


135515 Lever

Servicing: 1250128, 188839, D7R1, D7R11, D7R12, D7R127, D7R13, D7R15, D7R151, D7R16, D7R18, D7R19, D7R2, D7R20, D7R22, D7R23
Dist. 25.50, **ID** 5.30, **Length** 82.20
Lever w/ plunger: HC-CARGO 139439.


136620 Lever Kit

Replacing: 182058, 098945
Servicing: d10e86, d9e100, d9e101, d9e102, D9E103, d9e104, d9e107, d9e108, d9e109, d9e111, d9e113, d9e114, d9e123, d9e124, d9e125
Dist. 25.60, **ID** 5.40, **Length** 90.65
Lever only: HC-CARGO 134866.


137732 Lever Kit

Replacing: 594422, 594374, 594259, 594255
Servicing: 626002, d6ra101, d6ra104, d6ra105, d6ra107, d6ra110, D6RA114, d6ra115, d6ra133, D6RA137, d6ra138, D6RA141, d6ra161
Dist. 22.35, **ID** 5.30, **Length** 73.25
Lever only: HC-CARGO 138854.


138112 Lever Kit

Replacing: 594298, 593253, 182036
Servicing: d13e117te, d13e118te, d13e119te, d13e120te, d13e121te, d13e122te, D13E123, D13E1231TE, d13e123te, d13hp601, d13hp605
Dist. 37.00, **ID** 8.30, **Length** 121.40


138114 Lever Kit

Replacing: 594069
Servicing: d9r112, d9r134, d9r142, D9RP256
Dist. 25.30, **Length** 109.75

Pkg. 5


138854 Lever

Replacing: 594460
Servicing: 626002, D6RA105, D6RA110, D6RA114, D6RA115, D6RA133, D6RA137, D6RA138, D6RA141, D6RA161, D6RA162, D6RA163, D6RA167
Dist. 21.70, **ID** 5.35, **Length** 73.20
Lever only: HC-CARGO 137732.


139439 Lever Kit

Replacing: 594390, 594281, 594262
Servicing: 1250128, 188839, d7r1, d7r11, d7r12, D7R127, d7r13, d7r14, d7r15, d7r151, d7r16, d7r18, d7r19, d7r2, d7r20, d7r22
Dist. 24.40, **ID** 5.15, **Length** 82.30
Lever only: HC-CARGO 135515.


139533 Lever Kit

Replacing: 36114-11130
Servicing: M56290
Dist. 22.30, **Length** 77.25

Pkg. 20


231148 Lever

Servicing: D7E1, D7E16, D7E18, D7E19, D7E2, D7E22, D7E23, D7E25, D7E26, D7E30, D7E32, D7E38, D7E39, D7E4, D7E40, D7E42, D7E5
Dist. 19.00, **Length** 83.00

Lever Parts

Various

Pkg. 10



134142 Spacer

Servicing: D10E74, D11E163, D11E169, D11E172, D11E173, D11E176, D11E177, D11E187, D11E272, D8E117, D8E121, D8E130, D8E131, D8E132
OD 12.00, **Height** 11.00



231192 Spring Kit

Servicing: HQ808670, mg120413, MG122202, tm000a06101, TM000A18601, TM000A23601

Pkg. 10



237685 Lever Support

Servicing: D7E1, D7E15, D7E16, D7E19, D7E2, D7E20, D7E22, D7E23, D7E25, D7E26, d7e29, D7E39, D7E5, d7e6, D7E7, D7ED281, TS10E1

Length 21.52
Plastic.

Clutches



231269 Clutch

Servicing: HK988300, HQ808670, mg120413, MG120445, MG122202, mg122433, TM000A14901, TM000A18601
Total length 117.00/131.00, **Splines** 19



237115 Clutch

Servicing: TM000A23601
Total length 117.80/131.00, **Splines** 19

Brush Gears



132812 Brush Gear

Servicing: D9E100, D9E131, D9E138, D9E140, D9E200, D9E238, D9E300, D9E40, D9E43, D9E44, D9E45, D9E46, D9E49, D9E51, D9E53, D9E54
OD 55.50
Brush set: HC-CARGO PSX1304

Pkg. 5



132995 Brush Gear

Servicing: D9E101, D9E108, D9E123, D9E132, D9E136, D9E137, D9E237, D9E276, D9E278, D9E36, D9E38, D9E39, D9E48, D9E56, D9E57, D9E61
OD 69.90
Brush set: HC-CARGO PSX1332.



133341 Brush Gear

Replacing: 36169-32510
Servicing: 1250299, 1250301, M42373, M53486, MG112014, MG112022, MP112033, MP112040, MP112041, MP112042, MP112043, TM000A08401
12 V, OD 67.35
Pos. brush: HC-CARGO 140967.



133646 Brush Gear

Replacing: 594072, 181961
Servicing: d6ra10, D6RA12, D6RA16, D6RA18, D6RA20, D6RA45, D6RA47, D6RA6, D6RA61, D6RA7, d6ra8
OD 62.50
Spring and brush set: HC-CARGO PSX146-147K.



133647 Brush Gear

Replacing: 594070, 186381, 183957
Servicing: 626002, D6RA10, D6RA100, D6RA101, D6RA104, D6RA105, D6RA107, D6RA110, D6RA114, D6RA115, d6ra12, D6RA13, D6RA132
OD 61.75
Spring and brush set: HC-CARGO PSX146-147K.



134642 Brush Gear

Servicing: D9R112, D9R116, D9R118, D9R121, D9R122, D9R142, D9R144, D9R73, D9R84, D9R89, D9R90, D9R91, D9R97, D9R99, D9RP256
OD 69.90
Brush set: HC-CARGO PSX140-1414. Brush spring: HC-CARGO 135201.



135467 Brush Gear

Replacing: 3EM092301D
Servicing: M000A0240Z, M04686, M35216, M39376, M39646, M43196, MC107012, MC107023, MC108024, MC108027, MC108030, MC109011
12 V, OD 74.00
Neg. brushes. Brush set: HC-CARGO 140349.


136763 Brush Gear

Replacing: 594780

Servicing: 1250128, 1250449, 188839, D7G20, D7G26, D7R1, D7R11, D7R12, D7R127, D7R13, D7R15, D7R151, D7R16, D7R17, D7R18, D7R19

OD 77.40

Brush set: HC-CARGO PSX1584.


138642 Brush Gear

Replacing: 2106053, 184630

Servicing: D13E117TE, D13E118TE, D13E123, D13E1231TE, d13e123te, d13hp703

24 V, OD 90.00

Neg. brushes. Brush set: HC-CARGO PSX1124.


138643 Brush Gear

Replacing: 182187

Servicing: d13e100te, D13E101TE, d13e104te, d13e105, d13e108te, d13e111, d13e116, d13e73, d13e73te, d13e74, d13e74te, d13e81

OD 89.90

Neg. brushes. Brush set: HC-CARGO PSX83-844.


139224 Brush Gear

Replacing: 594479, 594351, 594290

Servicing: d7e1, d7e15, d7e16, d7e18, d7e19, D7E2, d7e20, d7e22, d7e23, D7E25, d7e27, d7e29, D7E30, d7e31, d7e32, D7E38, D7E39

12 V, OD 59.75

Brush set: HC-CARGO PSX1554.


230126 Brush Gear

Replacing: 182467

Servicing: d15e29, D15E29TE, d15e30, d15e30te

OD 104.60

Neg. brushes. Brush set: HC-CARGO PSX884.


231841 Brush Gear

Replacing: 594381

Servicing: ACR, D7ES1, D7ES2, D7ES4, d7es5, TS10E26

OD 59.60


233617 Brush Gear

Replacing: 594222

Servicing: d13hp605, d13hp607, d13hp608

OD 95.20

Brush set: HC-CARGO 141067.


233771 Brush Gear

Servicing: d9r119, d9r149, D9RP160

OD 84.60

Brush set: HC-CARGO PSX140-1414.


234119 Brush Gear

Replacing: 190097

Servicing: 190895, D7G11, D7G3, D7G4, D7GS9

12 V, OD 29.85

1.7 kW.


235390 Brush Gear

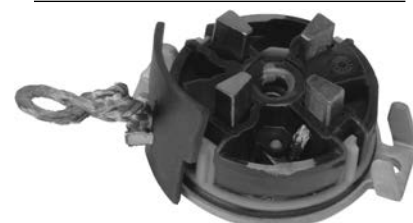
Servicing: TM000A27301, TM000A27601, TM000A31001, TM000A37001

12 V


239731 Brush Gear

Servicing: 191335, D7GS10, D7GS8, TS18E1, ts18e3, ts18er123

12 V


333317 Brush Gear

Replacing: 594674

Servicing: D6GS11, D6GS12, D6GS13, D6GS14, TS12E9

12 V, OD 60.25

Brush Gear Parts

Brush Springs



132571 Brush Spring Set
OD 7.25, Length 29.70

Pkg. 10



134902 Brush Spring

Replacing: 300842
Servicing: D10E 85, -87, -88, -89, -90
OD 11.90, Length 26.90

Pkg. 10



135018 Brush Spring

Replacing: 092533, 092528
Servicing: d11e101, d11e102, d11e105, d11e107, d11e108, d11e109, d11e110, d11e111, d11e115, d11e123, d11e126, d11e135, D11E155
OD 11.50, Length 23.90

Pkg. 10



135422 Brush Spring

Servicing: D7R..., D7RS..., D8R49, ts18e33, TS18E331
OD 8.55, Length 26.00

Pkg. 10



135423 Spring Retainer

Servicing: D8R49, ts18e33, TS18E331
OD 18.10, Height 6.15

Pkg. 10



233766 Brush Spring

OD 11.85, Length 33.50

NEW PRODUCT
www.hc-cargo.com

236615 Brush Spring

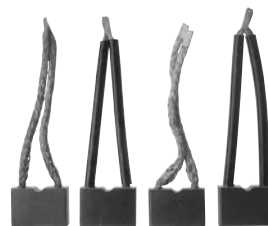
Servicing: D6G1, d6g3, D6G32, D6G321, D6G33, D6G5, D6GS11, D6GS12, D6GS13, D6GS14, D6GS19, TS12E10, TS12E9, TS14E11, TS14E110
OD 7.90

Brush Sets



140840[#] Brush/Spring Kit

Replacing: 182117
Servicing: D11E119, D11E119T, D11E120, D11E158, D11E167T, D11E169, D11E176
Length 17.00, Lead length 74.50, Lead length 2 51.50, Height 25.00, Thickness 10.00
Brush set only: HC-CARGO PSX1254.
Alternative no.: psx1254



140851 Brush/Spring Kit

Replacing: 182145
Servicing: d11e122, d11e122t, d11e128, d11e128t, d11e130, d11e89, d11e89t, d11e89te, d11e90, d11e90t, d11e98, d11e98t, d11e98te
Length 17.00, Lead length 76.50, Height 25.00, Thickness 10.00
Brush set only: HC-CARGO PSX83-844.
Alternative no.: psx83-844



141067 Brush Set

Replacing: 594286
Servicing: d13hp601, d13hp605, d13hp607, d13hp608, d13hp609, d13hp613
24 V, Length 20.00, Lead length 69.50, Lead length 2 46.00, Height 25.00, Thickness 10.00



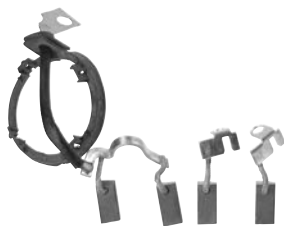
141224 Brush Set

12 V, Length 15.15, Lead length 61.00/93.00, Lead length 2 30.00, Height 11.85, Thickness 4.42



141244 Brush Set

Servicing: TM000A27301, TM000A27601, TM000A31001, TM000A37001
12 V, Length 12.00, Lead length 27.00, Lead length 2 20.00/29.00, Height 12.00, Thickness 4.50


141274 Brush Set

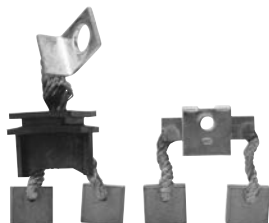
Servicing: D6RA137, d6ra138, D6RA187, D6RA188
 12 V, Length 21.10, Lead length 90.00,
 Lead length 2 22.00, Height 10.00,
 Thickness 7.45


142037 Brush Set

Servicing: 1250303, S0001250303, TA000A37301, TM000A37001, TM000A37201, TM000A37301
 12 V, Length 12.00, Lead length 33.00,
 Lead length 2 24.50, Height 10.60,
 Thickness 5.00


142039 Brush Set

Servicing: TM000A18001, tm000a23501, tm000a35301
 12 V, Length 12.00, Lead length 32.50,
 Lead length 2 25.00, Height 12.00,
 Thickness 4.50


142058 Brush Set

12 V, Length 12.00, Lead length 30.00,
 Lead length 2 64.50, Height 12.00,
 Thickness 4.50

Pkg. 5


142071 Brush

Servicing: 1250295, TM000A33401
 12 V, Length 11.83, Lead length 30.50,
 Height 16.07, Thickness 4.45
 Cable length B+=50.50 mm.


PSX106-1072 Brush Set

Replacing: 182072, 078166
 12 V, Length 14.00, Lead length 66.50,
 Height 15.00, Thickness 7.00


PSX1124 Brush Set

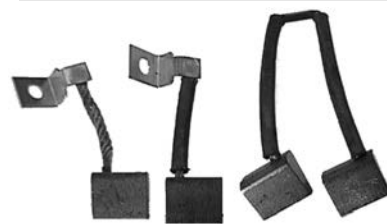
Replacing: 182146, 180237, 078900
 Servicing: D13E107TE, d13e109te, D13E110, D13E110TE, d13e76, d13e77, d13e77t, d13e86te, d13e87te, D13E93TE, D13E94TE, d13e96te
 24 V, Length 17.00, Lead length 40.00,
 Height 18.00, Thickness 10.00


PSX115-1162 Brush Set

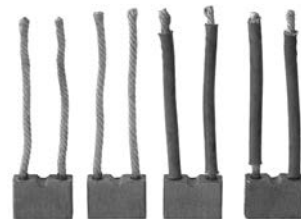
Replacing: PSX71-922, 182064, 092655, 075943, 075269
 Servicing: d10e48, d10e54, d10e57, d10e63, d10e64, d10e65, d10e76, d10e80, d10e84, d8e104, d8e106, d8e108, d8e109, d8e112, d8e113
 12 V, Length 14.00, Lead length 66.00,
 Height 18.00, Thickness 6.90


PSX119-1202 Brush Set

Replacing: 182070
 Servicing: d8e107, d8e111, d8e116, d8e130, d8e131, D8E141, d8e148, d8e154, D8E54, d8e74, d8e99
 12 V, Length 14.30, Lead length 65.00,
 Height 14.90, Thickness 6.90


PSX122-123-124 Brush Set

Replacing: 182073
 12 V, Length 15.10, Lead length 54.00,
 Lead length 2 34.00, Height 12.45,
 Thickness 4.50/8.90


PSX1254 Brush Set

Replacing: psx1254, 092744
 12 V, Length 17.25, Lead length 73.00,
 Height 24.95, Thickness 9.95
 Set w/ springs: HC-CARGO 140840.
 Alternative no.: 140840


PSX1292/1P Brush Set

Replacing: 594065, 182065, 092878
 Servicing: d9e100, d9e102, d9e104, d9e111, d9e131, d9e138, d9e140, d9e200, d9e238, d9e300, d9e31, d9e40, d9e43, d9e44, d9e45
 12 V, Length 15.00, Lead length 62.00,
 Lead length 2 42.00, Height 10.10,
 Thickness 6.50/9.60



PSX1304 Brush Set

Replacing: 300687, 182068, 092883
 12 V, Length 15.10, Lead length 64.00,
 Lead length 2 41.00, Height 10.05,
 Thickness 6.50/9.65



PSX1324 Brush Set

Replacing: 182118, 092925, 075707
 Servicing: d11e148, d11e156, d11e161,
 d11e172, d11e177, d11e184, d11e187,
 d11e188, d11e191, d11e192, d11e195,
 d11e272
 12 V, Length 14.05, Lead length 66.00,
 Height 17.90, Thickness 9.90



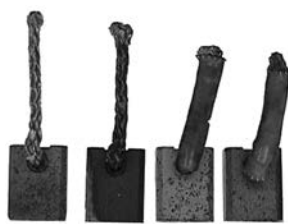
PSX1332 Brush Set

Replacing: 594066, 182067, 182066, 092914
 Servicing: d9e101, d9e107, d9e108,
 d9e109, d9e113, d9e114, d9e123, d9e124,
 d9e125, d9e127, d9e129, d9e132, d9e136,
 d9e137, d9e237
 12 V, Length 15.05, Lead length 66.00,
 Lead length 2 44.00, Height 11.80,
 Thickness 6.90/12.50



PSX133K2 Brush Set

Replacing: 300706
 12 V, Length 15.00, Lead length 43.00,
 Lead length 2 67.00, Height 11.85,
 Thickness 6.90/12.45



PSX136-1374 Brush Set

Replacing: 300841
 Servicing: d10e85, d10e87, d10e88,
 d10e881, d10e882, d10e89, d10e90, d10e92,
 d10e921, d10e922
 12 V, Length 18.45, Lead length 44.50,
 Height 14.90, Thickness 6.85



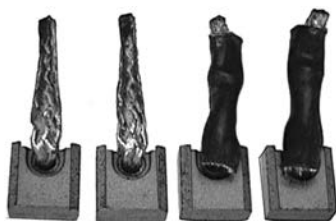
PSX138-1392 Brush Set

Replacing: psx138-1392
 12 V, Length 22.00, Lead length 41.00,
 Lead length 2 47.00, Height 17.90,
 Thickness 8.85



PSX140-1414 Brush Set

Replacing: psx140-1414
 Servicing: D9R116, D9R126, D9R144
 12 V, Length 21.95, Lead length 47.00,
 Height 17.90, Thickness 8.90



PSX142-1434 Brush Set

Replacing: psx142-1434
 Servicing: 1250128, 1250449, 188839,
 D7G20, D7R1, D7R11, D7R12, D7R127,
 D7R13, d7r14, D7R15, D7R151, D7R16,
 D7R18, D7R19, D7R2
 12 V, Length 13.75, Lead length 35.50,
 Height 13.80, Thickness 6.85



PSX142-1444 Brush Set

Replacing: psx142-1444, 187779, 187778
 Servicing: 188839, D7G26, D7R1, D7R11,
 D7R12, D7R127, D7R13, D7R15, D7R151,
 D7R16, D7R17, D7R18, D7R19, D7R2, D7R22,
 D7R23, D7R25
 12 V, Length 13.70, Lead length 56.00,
 Lead length 2 36.00, Height 14.00,
 Thickness 7.00
 2 component.



PSX144-145K Brush Set

Replacing: PSX148-1494, PSX144-145K,
 594386, 594317, 594127, 594063, 594062,
 594060
 Servicing: d6ra101, D6RA104, d6ra110,
 d6ra12, D6RA13, D6RA141, D6RA15, d6ra16,
 d6ra161, D6RA167, d6ra17, d6ra18, D6RA19,
 d6ra20
 12 V, Length 18.00, Lead length 91.00,
 Lead length 2 45.00/50.00, Height 11.00,
 Thickness 4.50/9.00
 Only spring: HC-CARGO 610203. Only gasket:
 HC-CARGO 610204. 2 component.



PSX146-147K Brush Set

Replacing: 594064, 594061
 Servicing: D6RA10, D6RA7, D6RA8
 12 V, Length 14.00, Lead length 92.00,
 Lead length 2 47.00, Height 11.00,
 Thickness 4.50/9.00
 Spring only: HC-CARGO 610205. insulator
 only: HC-CARGO 610204.


PSX148-157K Brush Set

Replacing: PSX148-157K

Servicing: d6ra13, d6ra15, d6ra17, d6ra19, d6ra21, d6ra22, d6ra23, d6ra25, d6ra26, d6ra28, d6ra29, d6ra30, d6ra32, d6ra34, d6ra39

 12 V, Length 18.00, Lead length 56.00, Lead length 2 46.00, Height 11.00, Thickness 4.50/9.00
 2 component.

PSX148-158K Brush Set

Replacing: PSX148-158K

Servicing: d6ra101, D6RA293, D6RA93

12 V, Length 18.00, Lead length 72.00, Lead length 2 45.00, Height 11.00, Thickness 4.50/9.00

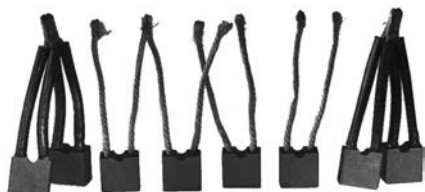

PSX148-159K Brush Set

Replacing: PSX148-159K, 594360, 594169

Servicing: D6RA133, D6RA180, D6RA181, D6RA33, D6RA37, D6RA47, D6RA51, D6RA511, D6RA57, D6RA571, d6ra67, d6ra78, d6ra79, D6RA80

12 V, Length 18.00, Lead length 41.00, Lead length 2 46.50, Height 11.00, Thickness 4.50/9.00

Only spring: HC-CARGO 610203. Only gasket: HC-CARGO 610204. 2 component.


PSX152-1538 Brush Set

Replacing: 182037

Servicing: d13e117te, d13e118te, d13e119te, d13e120te, d13e121te, d13e122te, D13E123, D13E1231TE, d13e123te, d13hp701, d13hp702

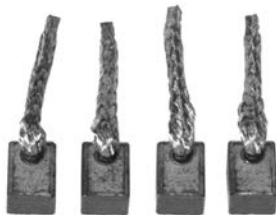
24 V, Length 17.00, Lead length 67.50, Height 18.00, Thickness 10.00


PSX1554 Brush Set

Replacing: psx1554, 187144

Servicing: D7E... 2 component, D7E1, D7E15, D7E16, D7E18, D7E19, D7E2, D7E20, D7E22, D7E23, D7E25, D7E26, D7E27, D7E29, D7E30

12 V, Length 11.00, Lead length 31.50, Height 8.00, Thickness 6.40


PSX1564 Brush Set

Replacing: psx1564, 187888

Servicing: ACR, 2 component

12 V, Length 11.00, Lead length 30.00, Height 8.00, Thickness 6.40


PSX1584 Brush Set

Replacing: psx1584

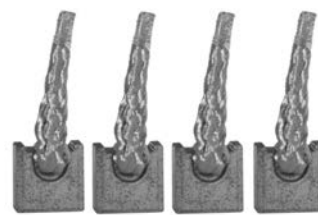
Servicing: D7R..., d7r48

12 V, Length 13.70, Lead length 56.00, Lead length 2 37.00, Height 14.00, Thickness 7.00


PSX160-1644 Brush Set

Replacing: psx160-1644, 191060, 190986

Servicing: 190895, 191335, D7G11, D7G3, D7G4, D7GS10, D7GS8, D7GS9, TS18E3

 12 V, Length 11.50, Lead length 28.00, Lead length 2 25.50, Height 13.00, Thickness 7.00
 2 component.

PSX1614 Brush Set

Replacing: PSX1614

Servicing: D8R... 2 component

12 V, Length 13.80/14.00, Lead length 36.00, Height 13.70, Thickness 7.00


PSX166-1674 Brush Set

Replacing: PSX166-1674, 191849, 191771

Servicing: D6G1, D6G2, d6g3, D6G5

 12 V, Length 15.50, Lead length 38.50, Lead length 2 24.00, Height 10.00, Thickness 3.90/6.40
 2 component.

PSX168-1674 Brush Set

Replacing: psx168-1674, 192285

Servicing: D6GSP19

 12 V, Length 15.50, Lead length 38.50, Lead length 2 22.00, Height 10.00, Thickness 3.90/6.40
 2 component. Overload protection.

PSX169-1704 Brush Set

Replacing: PSX169-1704, 191773, 191772

Servicing: ACR, D6G1, D6G3, D6G32, D6G33, D6G5, D6GS11, D6GS12, D6GS13, D6GS14, D6GS19, TS12E10, TS12E9, TS14E11

 12 V, Length 15.50, Lead length 22.50, Lead length 2 39.00, Height 10.00, Thickness 3.90/6.40
 2 component. Overload protection.



PSX54-692 Brush Set

Replacing: 182069, 072595
6 V, Length 14.50, Lead length 56.35,
Height 18.00, Thickness 10.00



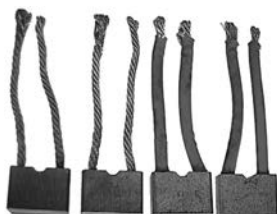
PSX64-702 Brush Set

Replacing: 72591a, 075452, 072591
12 V, Length 17.00, Lead length 60.00,
Height 18.00, Thickness 7.00



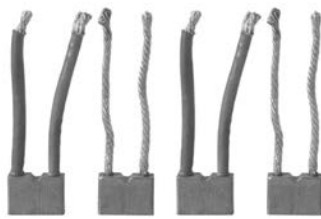
PSX77-784 Brush Set

Replacing: 72632h, 182112, 072632, 072619
Servicing: d11e58, d11e69, D11E84,
d11e85, D8E105
12/24 V, Length 14.00,
Lead length 65.00, Height 18.00,
Thickness 7.00



PSX81-824 Brush Set

Replacing: 300679, 182115, 182114,
075093, 072631
Servicing: d11e118, d11e119, d11e119t,
d11e120, d11e129, d11e129t, d11e131,
d11e137, d11e141, d11e146, d11e153,
d11e153t, d11e154
12 V, Length 17.00, Lead length 73.50,
Height 25.00, Thickness 10.00
Set w/ springs: HC-CARGO 140840.



PSX83-844 Brush Set

Replacing: 182153, 182132, 072630
Servicing: D11E122, D11E122T, D13E111
24 V, Length 17.00, Lead length 73.50,
Height 25.00, Thickness 10.00
Set w/ springs: HC-CARGO 140851.
Alternative no.: 140851



PSX884# Brush Set

Replacing: 182162
Servicing: d15e29, D15E29TE, d15e30,
d15e30te
24 V, Length 20.00, Lead length 50.00,
Height 18.00, Thickness 12.00



USX64-652 Brush Set

Replacing: 182194
6 V, Length 15.00, Lead length 46.00,
Height 15.00, Thickness 8.00



USX682 Brush Set

Replacing: 618481, 075238
12 V, Length 15.00, Lead length 46.00,
Height 15.00, Thickness 8.00

Brushes

Pkg. 100



PS115 Brush

Replacing: PSX115-1162
12 V, Length 14.10, Lead length 65.50,
Height 17.95, Thickness 6.92
Alternative no.: PSX115-1162

Pkg. 100



PS116 Brush

Replacing: PSX115-1162
12 V, Length 14.30, Lead length 66.00,
Height 17.95, Thickness 6.95
Alternative no.: PSX115-1162

Pkg. 100



PS129A Brush

Replacing: PSX1292/1P
12 V, Length 15.05, Lead length 68.00,
Height 10.15, Thickness 6.00/9.55
Alternative no.: PSX1292/1P

Pkg. 100



PS129B Brush

Replacing: PSX1292/1P
12 V, Length 15.00, Lead length 41.50,
Height 9.85, Thickness 6.50/9.85
Alternative no.: PSX1292/1P

Pkg. 100


PS132A Brush

Replacing: PSX1324

 12 V, Length 14.10, Lead length 66.00,
 Height 17.85, Thickness 9.90

Alternative no.: PSX1324

Pkg. 100


PS133A Brush

Replacing: PSX1332

 12 V, Length 15.00, Lead length 63.50,
 Height 11.80, Thickness 7.30/12.25

Alternative no.: PSX1332

Pkg. 100


PS133B Brush

Replacing: PSX1332

 12 V, Length 15.00, Lead length 48.00,
 Height 11.75, Thickness 7.00/12.30

Alternative no.: PSX1332

Pkg. 100


PS136 Brush

Replacing: PSX136-1374

 12 V, Length 18.50, Lead length 45.50,
 Height 14.90, Thickness 6.90

Alternative no.: PSX136-1374

Pkg. 100


PS137 Brush

Replacing: PSX136-1374

 12 V, Length 18.55, Lead length 43.50,
 Height 15.00, Thickness 6.90

Alternative no.: PSX136-1374

Pkg. 100


PS140/0 Brush

Replacing: psx140-1414

 12 V, Length 22.00, Lead length 47.00,
 Height 17.90, Thickness 8.85

Alternative no.: PSX140-1414

Pkg. 100


PS141/S Brush

Replacing: psx140-1414

 12 V, Length 22.00, Lead length 45.00,
 Height 17.90, Thickness 8.90

Alternative no.: PSX140-1414

Pkg. 100


PS142 Brush

Replacing: PS142

 12 V, Length 13.75, Lead length 35.50,
 Height 13.80, Thickness 6.85

Pkg. 100


PS143 Brush

Replacing: PS143

 12 V, Length 13.75, Lead length 35.50,
 Height 13.80, Thickness 6.85

Pkg. 100


PS144 Brush

Replacing: psx142-1444

 12 V, Length 17.95, Lead length 46.00,
 Height 11.00, Thickness 4.50/9.05

Alternative no.: PSX142-1444

Pkg. 100


PS145 Brush

Replacing: 188571

 12 V, Length 17.90, Lead length 86.00,
 Lead length 2 50.00, Height 11.00,
 Thickness 4.50/9.05

Alternative no.: PSX144-145K

Pkg. 100


PS146 Brush

Replacing: PSX146-147K

 12 V, Length 13.90, Lead length 43.00,
 Height 10.85, Thickness 4.50/9.05

Alternative no.: PSX146-147K



Pkg. 100

PS147# Brush

Replacing: PSX146-147K

12 V, Length 13.90, Lead length 90.00,
Lead length 2 51.00, Height 10.85,
Thickness 4.50/8.90

Alternative no.: PSX146-147K

Pkg. 100



Pkg. 100

PS99 Brush

Replacing: PSX1324

12 V, Length 14.25, Lead length 65.80,
Height 17.95, Thickness 9.95

Alternative no.: PSX1324

Bushings

Pkg. 10



Pkg. 10

140065 Bushing

Replacing: 604521, 047852

Servicing: D11E109, D11E120, D11E131,
D11E142, D11E155, D11E156, D11E158,
D11E159, D11E167T

ID 14.07, OD 18.05, Length 20.15

Alternative no.: b140065

Pkg. 10



Pkg. 10

140038 Bushing

Replacing: 098888

ID 10.07, OD 13.05, Length 12.00

Alternative no.: b140038

Pkg. 10



Pkg. 10

140066 Bushing

Replacing: 072101, 030828

Servicing: D11E131, D11E155, D11E156,
D11E167T

ID 16.00, OD 19.15, Length 15.00

Alternative no.: b140066

Pkg. 10



Pkg. 100

PS169B Brush

Replacing: PS169B, 191773, 191772

Servicing: ACR

12 V, Length 15.50, Lead length 22.50,
Height 10.00, Thickness 3.90

2 component. Overload protection.

Pkg. 100



Pkg. 10

140043 Bushing

Replacing: 051914

Servicing: 532004C, D10E48, D10E59,
D10E63, D10E72, D10E74, D10E75, D10E80,
D10E81, D10E83, D10E85, D10E88, D10E881,
D10E882

ID 12.10, OD 15.05, Length 15.00

Alternative no.: b140043

Pkg. 10



Pkg. 10

140067 Bushing

Replacing: 050488

Servicing: D11E120, D11E131, D11E156,
D11E158, D11E163, D11E169, D11E172,
D11E173, D11E176, D11E177, D11E187,
D11E272

ID 20.02, OD 24.06, Length 12.00

Alternative no.: b140067

Pkg. 10



Pkg. 100

PS170B Brush

Replacing: PS170B, 191773, 191772

Servicing: ACR

12 V, Length 15.50, Lead length 39.00,
Height 10.00, Thickness 6.40

2 component. Overload protection.



Pkg. 10

140064 Bushing

Replacing: 035070

Servicing: D10E66

ID 12.07, OD 15.05, Length 20.00

Alternative no.: b140064



Pkg. 10

140068 Bushing

Replacing: 047403

ID 17.05, OD 21.05, Length 20.00

Alternative no.: b140068

Pkg. 10


140119 Bushing

Replacing: 074952

 Servicing: D10E48, D10E63, D10E66, D10E72, D10E74, D10E80, D10E85, D10E92, D10E921, D8E109, D8E126, D9E16, D9E21
 ID 16.00, OD 20.00, Length 10.00
 Alternative no.: b140119

Pkg. 10


140258 Bushing

Replacing: 105464

 Servicing: D9R112, D9R116, D9R118, D9R119, D9R121, D9R122, D9R142, D9R144, D9R149, D9R73, D9R84, D9R89, D9R90, D9R91, D9R97, D9R99
 ID 10.03, OD 13.04, Length 13.00
 Alternative no.: b140258

Pkg. 10


140259 Bushing

Replacing: 105715

 Servicing: D9R112, D9R116, D9R118, D9R119, D9R121, D9R122, D9R142, D9R144, D9R149, D9R73, D9R84, D9R89, D9R90, D9R91, D9R97, D9R99
 ID 10.06, OD 13.04, Length 16.00
 Alternative no.: b140259

Pkg. 10


140429 Bushing

Replacing: 36112-11140

 Servicing: M000A0240Z, M04686, M35216, M39376, M39646, M43196, M56290, MC107023, MC108024, MC108027, MC108030, MC109011, MC109015
 ID 12.02, OD 16.00, Length 9.50
 Alternative no.: b140429

Pkg. 10


140440 Bushing

Replacing: 104164

Servicing: D10E88, D10E881, D10E882, D10E89

 ID 16.00, OD 20.00, Length 8.00
 Alternative no.: b140440

140472 Bushing Kit

Replacing: ne666, 182157

Servicing: d13e100te, D13E101TE, d13e104te, d13e105, d13e108te, d13e111, d13e116, d13e72, d13e73, d13e73te, d13e74, d13e74te


140473 Bushing Kit

Replacing: ne486, 182158

Servicing: D13E107TE, d13e109te, D13E110, D13E110TE, d13e117te, d13e118te, d13e119te, d13e120te, d13e121te, d13e122te, D13E123

Pkg. 10


140496 Bushing

Servicing: D6G1, D6G3, D6G32, D6G33, D6G5, D6RA10, D6RA12, D6RA13, D6RA132, D6RA133, D6RA138, D6RA141, D6RA15, D6RA16, D6RA161

 ID 12.06, OD 15.04, Length 10.00
 Alternative no.: b140496

Pkg. 10


140497 Bushing

Servicing: 626002, D6RA10, D6RA100, D6RA101, D6RA104, D6RA105, D6RA107, D6RA110, D6RA114, D6RA115, D6RA12, D6RA13, D6RA132

 ID 6.05, OD/ collar 13.76, OD 10.02, Length 8.30, Height/ collar 2.10
 Alternative no.: b140497

Pkg. 10


140498 Bushing

Servicing: 626002, D6RA100, D6RA101, D6RA104, D6RA114, D6RA132, D6RA15, D6RA162, D6RA163, D6RA167, D6RA168, D6RA181, D6RA249

 ID 18.05, OD 22.04, Length 5.00
 Alternative no.: b140498

Pkg. 10


140499 Bushing

Servicing: 626002, D6G1, D6G3, D6G32, D6G33, D6G5, D6GS11, D6GS12, D6GS13, D6GS14, D6GS19, D6RA100, D6RA101, D6RA104, D6RA114

 ID 6.02, OD 9.00, Length 7.10
 Alternative no.: b140499

Pkg. 10


140501 Bushing

Replacing: 078039

 ID 12.00, OD/ collar 18.00, OD 15.06, Length 16.00, Height/ collar 1.50
 Alternative no.: b140501



140526 Bushing Kit

Replacing: ne002, 182142

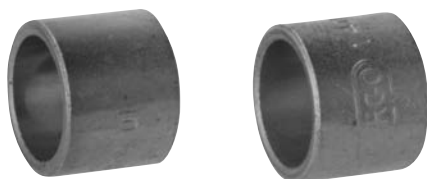
Servicing: d11e184, d11e189, d11e191, D11E192, d11e195, d11e197, d11e198



140531 Bushing Kit

Replacing: ne003, 182061

Servicing: d10e59, d10e69, d10e75, d10e81, d10e83, d8e104, D8E105, d8e106, d8e107, d8e110, d8e111, d8e112, d8e113, d8e114, d8e115



140533 Bushing Kit

Replacing: ne379, ne005, 182063

Servicing: 532001AB, 532001B, 532005A, 532007A, 532011A, 532012A, 532012B, 532017A, 532020A, 532020B, 532021A, 532023A, 532024A

ID 12.07, OD 15.07, Length 12.01



140534# Bushing Kit

Replacing: ne006, 182074

Servicing: d8e103, d8e155, d8e157, d8e158, d8e163, D8E164



140535# Bushing Kit

Replacing: ne623, 182095



140536 Bushing Kit

Replacing: ne007, 182096

Servicing: d10e85, d10e87, d10e88, d10e881, d10e882, d10e89, d10e90, d10e92, d10e921, d10e922



140537 Bushing Kit

Replacing: ne008, 182136

Servicing: d11e108, d11e118, d11e119, d11e119t, d11e120, d11e131, d11e137, d11e139, d11e139t, d11e141, d11e144, d11e146, d11e148



140539 Bushing Kit

Replacing: ne010, 182138

Servicing: d11e122, d11e122t, d11e128, d11e128t, d11e129, d11e129t, d11e138, d11e138t, d11e149



140540 Bushing Kit

Replacing: ne011, 182139

Servicing: 182442, D11E120, D11E126, d11e142, d11e143, d11e153, d11e153t, d11e154, d11e155, d11e156, d11e158, d11e159, d11e160



140541 Bushing Kit

Replacing: ne012, 182140

Servicing: d11e163, d11e164, d11e169, d11e172, d11e173, d11e176, d11e177, d11e178, d11e187, d11e188, d11e192, d11e272



140543 Bushing Kit

Replacing: ne381

Servicing: 6056H, 6056J, 6099C, 6099D, 6109F, 6109G, 6109H, 6109K, 6109L, 6160D, 6160E, 6160F, 6160G, 6169A, 6169B, 6177A, 6177C

Pkg. 10



140615 Bushing

Servicing: D6RA110, D6RA132, D6RA133, D6RA161, D6RA162, D6RA163, D6RA249, D6RA30, D6RA32, D6RA33, D6RA45, D6RA46, D6RA51, D6RA56

ID 6.00, OD/ collar 13.76, OD 10.20, Length 8.20, Height/ collar 1.55
Alternative no.: b140615

Pkg. 10



140667 Bushing

Replacing: 068763, 050531

Servicing: D11E163

ID 14.05, OD 18.05, Length 15.00

Pkg. 10



140669 Bushing
 Replacing: 071437
 ID 25.03, OD/ collar 39.00, OD 32.07,
 Length 20.00, Height/ collar 3.50
 Alternative no.: b140669

Pkg. 10



140670 Bushing
 Replacing: 071381
 ID 16.05, OD 20.04, Length 24.90
 Alternative no.: b140670

Pkg. 10



140671 Bushing
 Replacing: 074330
 ID 27.05, OD 35.07, Length 14.40
 Alternative no.: b140671

Pkg. 10



140672 Bushing
 Replacing: 046388
 ID 20.05, OD 28.05, Length 29.00
 Alternative no.: b140672

Pkg. 10



140673 Bushing
 Replacing: 046390
 ID 20.05, OD/ collar 33.00, OD 28.07,
 Length 24.90, Height/ collar 3.00
 Alternative no.: b140673

Pkg. 10



140676 Bushing
 Replacing: 095654
 Servicing: D11E155, D11E167T
 ID 20.04, OD 24.05, Length 16.00
 Alternative no.: b140676

Pkg. 10



140679 Bushing
 Replacing: 048499
 ID 20.10, OD 24.07, Length 18.00
 Alternative no.: b140679

Pkg. 10



140680 Bushing
 Replacing: 074322, 055330
 Servicing: D13HP601, D13HP605, D13HP607,
 D13HP702, D13HP703, D13HP709
 ID 17.08, OD 21.05, Length 24.00
 Alternative no.: b140680

Pkg. 10



140683 Bushing
 Replacing: 075289
 ID 25.02, OD 30.04, Length 15.00
 Alternative no.: b140683

Pkg. 10



140684 Bushing
 Replacing: 096485
 Servicing: D11E163
 ID 14.05, OD 18.03, Length 16.00
 Alternative no.: b140684

Pkg. 10



140734 Bushing
 Servicing: D7G11, D7G26, D7GS10, D7GS9,
 D7R13, D7R16, D7R17, D7R18, D7R2, D7R20,
 D7R22, D7R23, D7R25, D7R26, D7R34, D7R4,
 D7R43
 ID 7.02, OD 10.00, Length 6.10
 Alternative no.: b140734

Pkg. 10



140735 Bushing
 Servicing: D7G11, D7G26, D7GS10, D7GS9,
 D7R13, D7R16, D7R17, D7R18, D7R2, D7R20,
 D7R22, D7R23, D7R25, D7R26, D7R34, D7R4,
 D7R43
 ID 20.02, OD 24.03, Length 5.00
 Alternative no.: b140735

Pkg. 10



140952 Bushing

Servicing: D6RA15, D6RA168, D6RA42, D6RA43, D6RA47, D6RA63, D6RA68, D6RA7
ID 4.00, OD 7.00, Length 7.40

Pkg. 10



140959 Bushing

Replacing: 103063
Servicing: D13HP601, D13HP605, D13HP607, D13HP702, D13HP703, D13HP709
ID 19.00, OD 23.02, Length 25.00
Alternative no.: b140959

Pkg. 10



141097 Bushing

Servicing: D13HP601, D13HP605, D13HP607, D13HP702, D13HP703, D13HP709
ID 21.92, OD 28.05, Length 18.00

Pkg. 10



141145 Bushing

Servicing: M52100, M53486, MP112033, MP112040, MP112042, TM000A07901, TM000A08401
ID 8.15, OD 11.50, Length 11.25

Pkg. 10



141146 Bushing

ID 10.10, OD 14.00, Length 12.00

Pkg. 10



141160 Bushing

Servicing: D6RA165, D6RA185, D6RA85
ID 18.08, OD 22.06, Length 4.95

Pkg. 10



141221 Bushing

Servicing: 594436
ID 11.01, OD 12.10, Length 15.30

Pkg. 10



141252 Bushing

Servicing: 1250303, S0001250303, TM000A27301, TM000A31001, TM000A37001, TM000A37201, TM000A37301
ID 12.02, OD/ collar 19.66, OD 16.00, Length 10.96, Height/ collar 2.06

Pkg. 10



141264 Bushing

Servicing: TM000A31201
ID 19.00, OD 23.50, Length 10.00



142000 Bushing Kit

Replacing: 594458
Servicing: D7ES1, d7es2, d7es4

Pkg. 10



142009 Bushing

Servicing: 594631
ID 12.09, OD 14.03, Length 22.90

Pkg. 10



142027 Bushing













ID 12.00, OD 15.40, Length 10.00

Pkg. 10



142028 Bushing

Servicing: D6G1, D6G3, D6GS11, D6GS12, D6GS13
ID 14.00, OD 18.05, Length 6.40

 <p>142076 Bushing Servicing: 1250449 ID 10.07, OD 13.05, Length 9.99</p> <hr/> <p style="text-align: right;">Pkg. 10</p>	 <p>B140065 Bushing Replacing: 604521, 047852 ID 14.07, OD 18.05, Length 20.15 Alternative no.: 140065</p> <hr/> <p style="text-align: right;">Pkg. 100</p>	 <p>B140119 Bushing Replacing: 074952 ID 16.00, OD 20.00, Length 10.00 Alternative no.: 140119</p> <hr/> <p style="text-align: right;">Pkg. 100</p>
 <p>B140038 Bushing Replacing: 098888 ID 10.07, OD 13.05, Length 12.00 Alternative no.: 140038</p> <hr/> <p style="text-align: right;">Pkg. 100</p>	 <p>B140066 Bushing Replacing: 072101, 030828 ID 16.00, OD 19.15, Length 15.00 Alternative no.: 140066</p> <hr/> <p style="text-align: right;">Pkg. 100</p>	 <p>B140258 Bushing Replacing: 105464 ID 10.03, OD 13.04, Length 13.00 Alternative no.: 140258</p> <hr/> <p style="text-align: right;">Pkg. 100</p>
 <p>B140043 Bushing Replacing: 051914 ID 12.10, OD 15.05, Length 15.00 Alternative no.: 140043</p> <hr/> <p style="text-align: right;">Pkg. 100</p>	 <p>B140067 Bushing Replacing: 050488 ID 20.02, OD 24.06, Length 12.00 Alternative no.: 140067</p> <hr/> <p style="text-align: right;">Pkg. 100</p>	 <p>B140259 Bushing Replacing: 105715 ID 10.06, OD 13.04, Length 16.00 Alternative no.: 140259</p> <hr/> <p style="text-align: right;">Pkg. 100</p>
 <p>B140064 Bushing Replacing: 035070 ID 12.07, OD 15.05, Length 20.00 Alternative no.: 140064</p> <hr/>	 <p>B140068 Bushing Replacing: 047403 ID 17.05, OD 21.05, Length 20.00 Alternative no.: 140068</p> <hr/>	 <p>B140440 Bushing Replacing: 104164 ID 16.00, OD 20.00, Length 8.00 Alternative no.: 140440</p> <hr/>



Pkg. 100

B140496 Bushing

Replacing: 140496
 Servicing: TS12E9
 ID 12.06, OD 15.04, Length 10.00
 Alternative no.: 140496

Pkg. 100



B140497 Bushing

Replacing: 140497
 ID 6.05, OD/ collar 13.76, OD 10.02,
 Length 8.30, Height/ collar 2.10
 Alternative no.: 140497

Pkg. 100



B140498 Bushing

Replacing: 140498
 ID 18.05, OD 22.04, Length 5.00
 Alternative no.: 140498

Pkg. 100



B140499 Bushing

Replacing: 140499
 Servicing: TS12E9, TS14E11
 ID 6.02, OD 9.04, Length 7.00
 Alternative no.: 140499



Pkg. 100

B140501 Bushing

Replacing: 078039
 ID 12.00, OD/ collar 18.00, OD 15.06,
 Length 16.00, Height/ collar 1.50
 Alternative no.: 140501

Pkg. 100



B140615 Bushing

Replacing: 140615
 ID 6.00, OD/ collar 13.76, OD 10.20,
 Length 8.20, Height/ collar 1.50
 Alternative no.: 140615

Pkg. 100



B140669 Bushing

Replacing: 071437
 ID 25.02, OD/ collar 39.00, OD 32.10,
 Length 19.80, Height/ collar 3,45
 Alternative no.: 140669

Pkg. 100



B140670 Bushing

Replacing: 071381
 ID 16.05, OD 20.04, Length 24.90
 Alternative no.: 140670



Pkg. 100

B140671 Bushing

Replacing: 074330
 ID 27.05, OD 35.07, Length 14.40
 Alternative no.: 140671

Pkg. 100



B140672 Bushing

Replacing: 046388
 ID 20.05, OD 28.05, Length 29.00
 Alternative no.: 140672

Pkg. 100



B140673 Bushing

Replacing: 046390
 ID 20.05, OD/ collar 33.00, OD 28.07,
 Length 24.90, Height/ collar 3.00
 Alternative no.: 140673

Pkg. 100



B140676 Bushing

Replacing: 095654
 ID 20.04, OD 24.05, Length 16.00
 Alternative no.: 140676

Pkg. 100


B140679 Bushing

Replacing: 048499

ID 20.10, OD 24.07, Length 18.00

Alternative no.: 140679

Pkg. 100


B140680 Bushing

Replacing: 074322, 055330

ID 17.08, OD 21.05, Length 24.00

Alternative no.: 140680

Pkg. 100


B140683 Bushing

Replacing: 075289

ID 25.02, OD 30.04, Length 15.00

Alternative no.: 140683

Pkg. 100


B140684 Bushing

Replacing: 096485

ID 14.05, OD 18.03, Length 16.00

Alternative no.: 140684

Pkg. 100


B140734 Bushing

Replacing: 140734

ID 7.02, OD 10.00, Length 6.10

Alternative no.: 140734

Pkg. 100


B140735 Bushing

Replacing: 140735

ID 20.02, OD 24.03, Length 5.00

Alternative no.: 140735

Pkg. 100


B140959 Bushing

Replacing: 103063

ID 19.00, OD 23.02, Length 25.00

Alternative no.: 140959

Pkg. 5

Bearings
Needle Bearings

140919 Needle Bearing

Replacing: 186448

Servicing: 626002, D6RA100, D6RA107, D6RA110, D6RA114, D6RA137, D6RA138, D6RA167, D6RA168, D6RA181, D6RA187, D6RA188, d6ra67

 ID 10.00, OD 14.00, Height 14.00, Rolls 12
 Closed end.

Pkg. 5


141001 Needle Bearing

Servicing: 188839, D7G11, D7R1, D7R13, D7R16, D7R17, D7R18, D7R2, D7R20, D7R25, D7R3, D7R4, D7R40, D7R45, D7R61, D7R8, D7RP82

ID 10.00, OD 14.00, Height 12.00, Rolls 16

Pkg. 10


141168 Needle Bearing

Servicing: 626002, D6RA100, D6RA114, D6RA167, D6RA181, d6ra67, d6ra81, D6RA91, D6RAD183, D6RADP359

ID 4.00, OD 8.00, Height 7.90, Rolls 7

Pkg. 10


141225 Needle Bearing

Servicing: 191335, D6GS11, D6GS12, D6GS13, D6GS14, D6GS19, D7GS10, D7GS8, D7GS9, D7RS129, D7RS130, D7RS131, D7RS150, d7rs29

ID 29.50, OD 36.70, Height 13.30

Pkg. 5


142003 Needle Bearing

Servicing: d7es5, TS10E26

ID 26.10, OD 33.00, Height 13.70

Repair Kits



133078 Stop Collar Kit

Replacing: 594084

Servicing: d6ra10, d6ra11, d6ra12, d6ra13, D6RA132, d6ra133, d6ra141, d6ra15, d6ra16, d6ra161, d6ra162, D6RA163, D6RA168, d6ra17



135635 Repair Kit

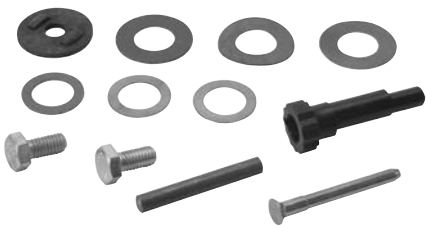
Servicing: d6ra10, d6ra12, d6ra8



135636 Repair Kit

Replacing: 594243

Servicing: d6ra100, d6ra101, d6ra104, d6ra105, D6RA107, d6ra110, d6ra115, D6RA132, d6ra16, D6RA162, D6RA163, D6RA168, d6ra18



136227 Repair Kit

Replacing: 182060

Servicing: d10e85, d10e87, d10e88, d10e881, d10e882, d10e89, d10e90, d10e92, d10e921, d10e922, D8E117, D8E121, D8E130, D8E131



231074 Stop Collar Kit

Replacing: 594242

Servicing: 626002, d6ra100, d6ra105, d6ra107, d6ra108, d6ra109, D6RA114, D6RA137, d6ra138, D6RA165, D6RA167, D6RA168, D6RA180



231117 Repair Kit

Replacing: 182050

Servicing: d9r105, d9r1050, d9r106, d9r112, d9r116, d9r118, d9r119, d9r121, d9r122, D9R126, d9r134, d9r135, d9r139, d9r142, d9r144



233616 Repair Kit

Replacing: 594302

Servicing: d13hp601, D13HP607



234021 Repair Kit

Replacing: 594200

Servicing: d13hp605, d13hp607, d13hp608, d13hp609, d13hp613, d13hp701, d13hp702, d13hp703, d13hp704, d13hp705, d13hp709

Sundry Parts

C.E. Covers



137573 Cover

Replacing: 097802

Servicing: d9e100, D9E101, D9E132, D9E136, D9E137, D9E138, D9E200, D9E237, D9E238, D9E276, D9E278, d9e300, D9E36, D9E38, D9E39

OD 41.15, Height 10.20



231195 Cover Kit

Servicing: HQ808670, MG122202, tm000a06101, TM000A18601, TM000A23601

Pkg. 5



231495 Cover

ID 13.75, OD 14.30, Height 13.95



232848 Cover

Servicing: d11e119, D11E119T, D11E120, d11e131, D11E155, d11e167t, D11E188, d11e191, d11e192

Oil Seals

Pkg. 5


134481 Oil Seal

 Servicing: 182178, D9R91
 ID 18.30, OD 30.20, Height 6.95

Pkg. 5


139588 Oil Seal

 Replacing: 074981
 Servicing: d13e110, D13E110TE, d13e117te, d13e118te, D13E120TE, D13E123, D13E1231TE, D13E123TE
 ID 25.70, OD 37.15, Height 6.80

Pkg. 5


231573 Oil Seal

 Servicing: D13HP601, D13HP605, D13HP607, D13HP702, D13HP703, D13HP709
 ID 21.60, OD 32.15, Height 6.70

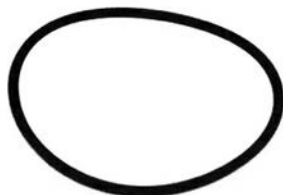
Pkg. 5


232855 Oil Seal

 Servicing: D7ES1, d7es2, D7ES4
 ID 31.85, OD 41.45, Height 5.65

O-rings

Pkg. 10


134488 O-ring

Thickness 2.00

Pkg. 10


134776 O-ring

 Servicing: 2541182, A13N183
 ID 12.00, Thickness 3.00

Pkg. 10


134931 O-ring

 Servicing: D11E120, D11E126, D11E184, D11E191
 ID 52.00, Thickness 3.00

Pkg. 5


136431 O-ring

 Replacing: 055578
 Servicing: D11E120, D11E122, D11E122T, D11E126, d11e131, D11E137, D11E142, D11E154, D11E156, D11E158, D11E159, D11E167T, D11E184
 ID 106.00, Thickness 4.50

Pkg. 10


138193 O-ring

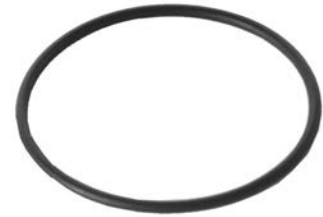
 Servicing: d9r91
 ID 71.00, Thickness 3.00

Pkg. 10


231331 O-ring

 Replacing: 092524
 ID 49.20, Thickness 2.75

Pkg. 10


233985 O-ring

Thickness 1.83, Material Nioprene

Various

Pkg. 5


131618 Cover

 Replacing: 075953
 OD 28.35, Height 18.10

Pkg. 5


131810 Cover

 Replacing: 096473
 OD 32.35, Height 18.90

Pkg. 5


132381 Cover

OD 48.85, Height 10.30



133388 Adaptor

Servicing: D9E131, D9E132, D9E43, D9E44, D9E83

Thread size M8

Pkg. 10



134699 Washer

ID 12.15, OD 23.80, Thickness 1.00, Material Fiber

Pkg. 10



134791 Stop Collar Kit

Replacing: 073294

Servicing: d10e47, d10e48, d10e54, d10e57, d10e59, d10e63, d10e64, d10e65, d10e68, d10e69, d10e73, d10e76, d10e80, d10e84, d11e163

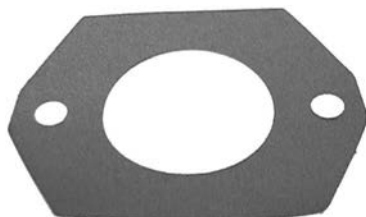
ID 12.00, OD 17.50, Height 6.10



134106 Rubber Seal

ID 51.50, OD 61.20, Thickness 5.60, Material Rubber

Pkg. 5



134756 Gasket

ID/ mount. hole 5.00, Length 51.55, Thickness 0.40, Width 41.45 mm, No./ mount. holes 2

Pkg. 10



135014 Insulator

Servicing: D10E88, D10E881, D10E882, D10E89, D11E163, D11E167T, D11E169, D11E172, D11E173, D11E176, D11E177, D11E187, D11E191

Dim. A 22.55, Dim. B 21.65, Dim. D 12.51

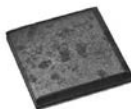
Pkg. 10



134107 Rubber Seal

OD 25.80, Length 34.00

Pkg. 10



134779 Plate

Thickness 1.45, Gasket w/o

Pkg. 10



135317 Rubber Seal

Pkg. 10



134140 Connection

Servicing: D8E132

Old type.

Pkg. 10



134790 Stop Collar Kit

Replacing: 097804

Servicing: d10e66, d10e72, d10e74, d10e75, d10e79, d10e81, d10e83, d10e85, d10e87, d10e88, d10e881, d10e882, d10e89, d10e90

Pkg. 25



134289 Insulator

ID 10.80, OD 13.80, Length 22.55



135516 Cover

Servicing: D8R49

OD 23.90, Height 15.80



Pkg. 10

135645 Screw

Replacing: 182041

Servicing: 182442, d11e108, d11e118, d11e119, d11e119t, d11e120, d11e122, d11e122t, d11e128, d11e128t, d11e129, d11e129t, d11e130

Thread M10,

Total length 16.70, Thread length 11.00



Pkg. 10

135846 Retaining Ring

Servicing: 188839, 190895, D6G1, D6G32, D6G5, D6RA107, D6RA110, D6RA137, D6RA138, D6RA187, D6RA188, D6RA293, D6RA37, D6RA53

Stop collar: HC-CARGO 137742.



Pkg. 5

135879 Grommet

Servicing: D10E85, D10E92, D10E921, D9E100, D9E11, D9E123, D9E138, D9E200, D9E237, D9E276, D9E278, D9E300, D9E36, D9E39, D9E45



Pkg. 10

135968 Grommet

Servicing: D7RP123, D7RS130, D7RS131, D7RS30, D7RS301, D7RS31, D9R121, D9R122, D9R142, D9R149, D9R73, D9R84, D9R89, D9R90, D9R91

Dim. A 25.40, Dim. B 22.40, Dim. D 8.00



Pkg. 5

136273 Gasket

Replacing: 092645

ID 28.00, ID/ mount. hole 6.15, OD 54.50, Thickness 1.30, No./ mount. holes 5



Pkg. 5

136280 Gasket

Length 306.80, Thickness 0.45, Width 57.90 mm



Pkg. 5

136323 Insulator

136671 Stop Collar Kit

Replacing: 059454

Servicing: d11e122, d11e122t, d11e128, d11e128t, d11e130, d11e138, d11e138t, d11e149, d11e89, d11e89t, d11e89te, d11e90, d11e90t

ID 17.00, OD 25.00, Height 8.10



Pkg. 25

136736 Insulator

ID 11.50, OD 16.60, Thickness 1.00



Pkg. 5

137493 Insulator


Pkg. 10

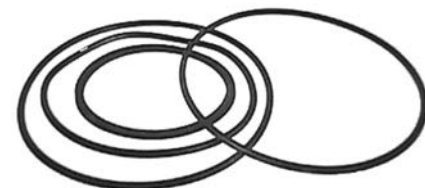
138140 Seal Kit

Replacing: 096486, 077526


138645 Sealing Kit

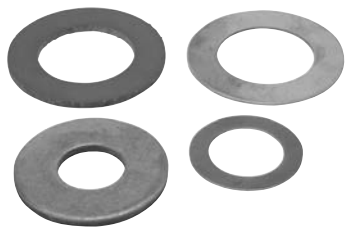
Replacing: 182038

Servicing: d13e117te, d13e118te, d13e119te, d13e120te, d13e121te, d13e122te, D13E123, D13E1231TE, d13e123te, D13HP601, D13HP605


138646 Sealing Kit

Replacing: 072175

Servicing: D13E101TE, d13e108te, d13e111, d13e116, d13e72, d13e73, d13e73te, d13e74, d13e74te, d13e78, d13e78te, d13e79, d13e79te



138647 Washer Kit

Replacing: 182160

Servicing: d13e117te, d13e118te, d13e119te, d13e120te, d13e121te, d13e122te, D13E123, D13E1231TE, d13e123te, D13HP605

4 mixed plates.



138649 Washer Kit

Replacing: 182155

Servicing: D13E101TE, d13e105, d13e108te, d13e111, d13e116, d13e72, d13e73, d13e73te, d13e74, d13e74te, d13e78, d13e78te, d13e79

Pkg. 10



138766 Brake Washer

ID 12.20, OD 19.00, Thickness 0.80



139174 Brake Washer

Replacing: 182197

Servicing: D11E126, D11E131, D11E158, D11E167T, d13e100te, D13E101TE, d13e104te, d13e105, D13E107TE, d13e108te, d13e109te, D13E110

ID 37.85, OD 54.00, Thickness 4.25

Pkg. 10



139380 Connection

Replacing: 079243

Servicing: d11e131

Mount. hole 8.00, Mount. hole 2 8.00, Total length 97.45



139535 Connection

Replacing: 182159

Servicing: d13e100te, D13E101TE, d13e104te, d13e105, D13E107TE, d13e108te, d13e109te, D13E110TE, d13e111, d13e117te, d13e118te

Mount. hole 12.60,

Mount. hole 2 12.60, Total length 82.20

Pkg. 100



192405 Socket Screw

Replacing: 192405

Thread M5, Length 45.00, DIN norm 912, ISO Norm 4762

Pkg. 10



230565 Stop Collar

Servicing: D7E1, D7E15, D7E16, D7E18, D7E19, D7E2, D7E20, D7E22, D7E23, D7E25, D7E26, D7E27, D7E29, D7E30, D7E31, D7E32, D7E38

ID 11.10, OD 16.00, Height 3.55

Used w/ retaining ring: HC-CARGO 230566.

Pkg. 5



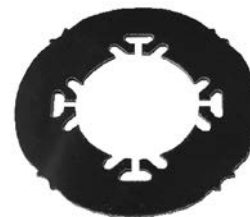
230566 Retaining Ring

Servicing: D7E1, D7E15, D7E16, D7E18, D7E19, D7E2, D7E20, D7E22, D7E23, D7E25, D7E26, D7E27, D7E29, D7E30, D7E31, D7E32, D7E38

Thickness 1.20

Stop collar: HC-CARGO 230565.

Pkg. 5



230707 Insulator

Servicing: D7E1, D7E15, D7E16, D7E18, D7E19, D7E2, D7E20, D7E22, D7E23, D7E25, D7E26, D7E27, D7E29, D7E30, D7E31, D7E32, D7E38



231194 Stop Collar Kit

ID 12.10, OD 17.40, Height 5.00



231697# Fiber Washer

Servicing: D13HP601, d13hp605, D13HP607, D13HP702, D13HP703, D13HP709

ID 35.85, OD 50.30, Thickness 4.70, Material Fiber


231717 Stop Collar Kit

Replacing: 059453

Servicing: 182442, d11e120, d11e131, d11e142, d11e143, d11e153, d11e153t, d11e158, d11e159, d11e165, D11E167T, d11e170, d11e180

ID 14.00, OD 20.00, Height 6.10

Pkg. 5


233164 Drain Tube

Servicing: HQ808670, MG122202, MG122433, mp112033, mp112040, mp112042, TM000A18601, TM000A23601

ID 7.70, OD 11.55, Length 9.90

Pkg. 5


233656 Connector

Servicing: d13hp601, D13HP605, d13hp607

Pkg. 10


233818 Washer

Servicing: d7e1, D7E18, D7E38, D7E4, D7E6, D7E7, D7E8, D7ES1, D7ES2, D7ES4, D7ES5, TS10E26

ID 8.20, OD 15.95, Thickness 0.80, Material Steel

Pkg. 10


233819 Washer

Servicing: d7e1, D7E16, D7E19, D7E2, D7E22, D7E23, D7E25, D7E26, D7E27, D7E29, D7E30, D7E31, D7E32, D7E40, D7E41, D7E42, D7E47

ID 4.25, OD 13.65, Thickness 1.00, Material Steel

Pkg. 10


234888 Gasket

Servicing: 191335, D7GS10, D7GS8, D7GS9, D7RS129, D7RS130, D7RS131, D7RS150, D7RS29, D7RS30, D7RS301, d7rs31, d7rs50, TS18E3

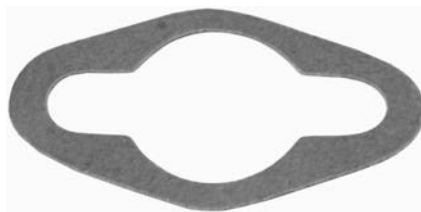
ID 29.80, OD 36.70, Thickness 2.40

Pkg. 10


234987 Washer

ID 6.30, OD 15.50, Thickness 1.00, Material Metal

Pkg. 10


235158 Gasket

Servicing: d7es1, D7ES2, D7ES4, d7es5, TS10E26

ID 17.60, Length 40.50, Thickness 0.50, Width 23.50 mm, Material Cardboard

Pkg. 10


236094 Drain Tube

Servicing: m52100, TM000A07901

Pkg. 10


236711 Washer

Servicing: 626002, D6RA105, D6RA114, D6RA115, D6RA137, D6RA138, D6RA187, D6RA188, D6RA293, D6RA37, D6RA42, d6ra43, D6RA431, D6RA57

ID 6.00, OD 12.00, Thickness 0.30

Pkg. 10


236712 Washer

Servicing: 626002, D6RA114, D6RA137, D6RA138, D6RA187, D6RA188, D6RA22, D6RA293, D6RA42, D6RA43, D6RA431, D6RA52, D6RA571, d6ra59

ID 6.00, OD 12.00, Thickness 1.00

Pkg. 10


236895 Gasket

Servicing: d7es5, TS10E26

ID 25.83, OD 33.13, Thickness 1.88, Material Rubber

Pkg. 10



239398 Drive plug

Servicing: d7es5

ID 11.80, OD 13.45, Height 3.55

Pkg. 100



331638 Plug

Servicing: d7es5

OD 15.00, Thickness 2.00,

Material Rubber

Pkg. 10

NEW PRODUCT
www.hc-cargo.com

332877 Bushing

Servicing: TS10E26

ID 8.07, OD 11.06, Length 9.50

Drives


235780 Drive

Replacing: 0224052

ID 11.00, OD 25.20,

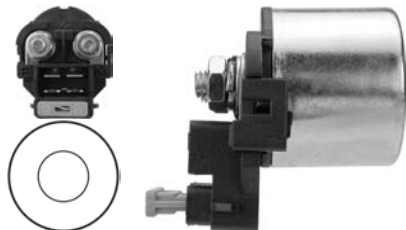
OD/ housing 46.25, Total length 64.00,

Splines A 6, No./ teeth 9,

Drive type Steel, Rotation ACR

Solenoids

12 Volt



234860 Solenoid

Servicing: Honda MC
12 V, OD 34.00, Total length 43.00,
No./ terminals 6
15 A fuse.

Drives



134722 Drive

Replacing: st212-3708600b, ct212-3708600
ID 16.00, OD 36.10,
OD/ housing 72.00, Total length 107.60,
Splines A 4, No./ teeth 10



134723 Drive

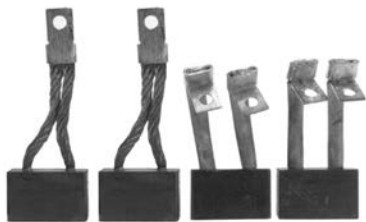
Replacing: ct352d-3708600-3, 3708600-3,
24.3708600
ID 16.00, OD 36.45,
OD/ housing 65.50, Total length 107.50,
Splines A 12, No./ teeth 10, Rotation CR

Brush Sets



140872 Brush Set

Replacing: 24.3708025
12 V, Length 21.70, Lead length 74.00,
Height 22.45, Thickness 17.50



140873 Brush Set

Replacing: 20.3709125, 20.3709115,
20.3708125, 20.3708115
24 V, Length 20.38, Lead length 67.80,
Lead length 2 42.50, Height 31.90,
Thickness 11.81



141083 Brush Set

Replacing: Renault, Peugeot, Citroen, Elec-
tric power steering
Length 21.15, Lead length 60.50,
Height 12.25, Thickness 6.95



MOSX5-68 Brush Set

Replacing: mosx5-68
12 V, Length 22.60, Lead length 66.00,
Height 15.95, Thickness 11.00

Bushings



140578# Bushing

ID 35.15, OD 44.00, Length 39.55

Pkg. 10



141206 Bushing

Replacing: Siemens
ID 12.50, OD/ collar 18.00, OD 16.00,
Length 20.00, Height/ collar 2.00

Pkg. 10



141207 Bushing

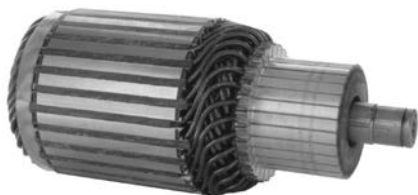
Replacing: Siemens
ID 19.22, OD 22.53, Length 11.00

Pkg. 10



141208 Bushing

Replacing: Siemens
ID 14.02, OD 18.04, Length 17.00

Armatures

137091 Armature

Replacing: 2134014178

Servicing: 0136355072, 0136355074, 0136355077, 0136355078, B136364072, B136364076, B136364081

1.5 kW, Shaft length 174.50, Core thickness 73.00


137093 Armature

Replacing: 2134014180, 2134014175, 2134014170

Servicing: 0136355050, 0136355057, 0136355058, 0136355059, 0136355060, 0136355061, 0136355064, 0136355067, 0136355068, 0136355070

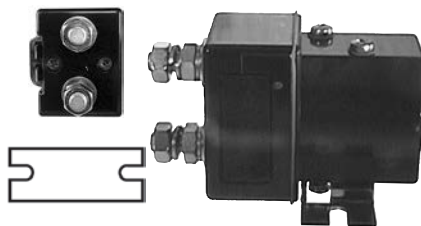
1.5 kW, Shaft length 205.00, Core thickness 73.00

Solenoids
12 Volt

133695 Solenoid

Replacing: cey113, 099845

12 V, 100 Amp, Intermittent load 500 Amp., B+ M8, Kl. 15a M5, Kl. 50 M5, OD 47.70, OD/ cover 52.35, Coil bolt M8, Total length 105.55, Height/ B+ 18.85, Width/ kl. 15a 13.90, Width/ kl. 50 14.00, Coil bolt 2 19.35, Seconds 5, No./ terminals 4


138684 Solenoid

Replacing: sw80-751pe, 3212

12 V, 100 Amp, B+ M8, Total length 94.00, Height/ B+ 19.00, Coil bolt M8, Coil bolt 2 19.80, No./ terminals 4 Silver contact.

24 Volt

133697 Solenoid

Replacing: cez113, 098932

24 V, 100 Amp, Intermittent load 500 Amp., B+ M8, Kl. 15a M5, Kl. 50 M5, OD 47.65, OD/ cover 52.35, Total length 106.25, Height/ B+ 19.00, Width/ kl. 15a 13.85, Coil bolt M8, Coil bolt 2 19.00, Width/ kl. 50 14.30, Seconds 5, No./ terminals 4


135308# Solenoid

Replacing: em15-4124, 4124

24 V, Kl. 15a 6.30, Kl. 50 6.30, ID/ cover 8.60, OD 60.00, OD/ cover 53.45, Total length 80.50, Width/ kl. 15a 9.00, Width/ kl. 50 9.25, No./ terminals 2


235817 Solenoid

24 V, 120 Amp, OD 92.00, Total length 134.00, No./ terminals 4

Brush Gear Parts

Pkg. 4


132711 Brush Spring

Length 27.25

Pkg. 4

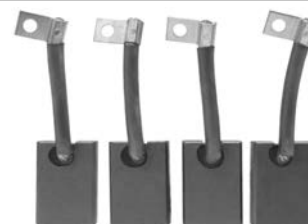

132712 Brush Spring

 Length 28.80
12/24 V. 3 kW.

Brush Sets

140408 Brush Set

12/24 V, Length 26.05, Lead length 37.50, Height 12.78, Thickness 8.92 2 kW.


140410 Brush Set

12/24 V, Length 27.96, Lead length 47.50, Height 19.86, Thickness 8.90 3 kW.



140918 Brush Set

Replacing: 2137014038, 16.770.295

Servicing: 0136352005, 0136355049,
0136355050, 0136355057, 0136355058,
0136355059, 0136355060, 0136355061,
0136355064, 0136355065

24 V, Length 25.50, Lead length 32.00,
Height 25.85, Thickness 8.90
1.5/2.5 kW.



141063 Brush Set

12/24 V, Length 17.00,
Lead length 150.00,
Lead length 2 150.00, Height 16.00,
Thickness 9.10



141068 Brush Set

24 V, Length 21.55, Lead length 36.00,
Height 21.92, Thickness 5.95



141100 Brush Set

Servicing: ACR

12 V, Length 17.00, Lead length 165.00,
Lead length 2 152.00, Height 15.90,
Thickness 8.95/9.10



141193 Brush Set

24 V, Length 26.50, Lead length 55.00,
Height 19.80, Thickness 9.95

Bushings

Pkg. 10



141064 Bushing

ID 14.13, OD 18.05, Length 13.39

Regulators

14 Volt



233624 Regulator

Replacing: d646, 1119576, 1118999,
1118997, 1118779, 1118381

Servicing: 10DN

14.2 V setting, 18 Amp,
Dist./ mount. holes 97.85,
Regulator type Mechanical,
Terminal type L-B+-F(A)
Pos. or neg. ground. A-circuit.



233625 Regulator

Dist./ mount. holes 97.75,
Regulator type Mechanical,
Terminal type D+ - DF-B+

Brush Sets



130988 Brush Set

14 V, Length 25.00, Lead length 41.35,
Height 14.00, Thickness 8.00



141266 Brush Set

12 V, Length 26.00, Lead length 38.00,
Height 13.50, Thickness 5.50

Solenoids

6 Volt



130503 Solenoid

6 V, 130 Amp, B+ M8, Kl. 50 M5, OD 43.00, Total length 63.35, Height/ B+ 19.00, Width/ kl. 50 11.95, Coil bolt M8, Coil bolt 2 19.00, No./ terminals 3
Ground (bottom). Flat bearing bracket.

12 Volt

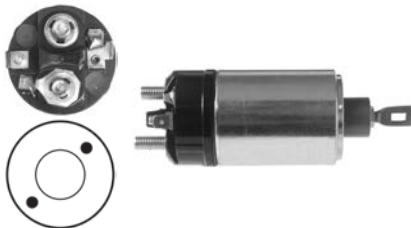


130281 Solenoid

Replacing: 0331101003, 0331101001, 0331100014, 0331100005, 16.670.127, ie14aa, 63631425

Servicing: 0001400016, 0001401011, 0001401012, 0001401019, 0001401023, 0001401026, 0001401027, 0001401028, 0001401041, 0001401044

12 V, B+ Cable, OD 85.90, Total length 93.80

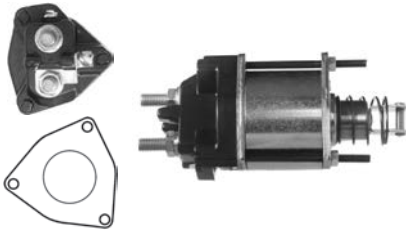


130293 Solenoid

Replacing: 0331302033

Servicing: 0001208019, 0001208020, 0001208027, 0001208028, 0001208030, 0001208031, 0001208040, 0001208041, 0001211018, 0001211019

12 V, B+ M8, Kl. 15a 6.30, Kl. 50 M5-6.30, ID/ cover 20.75, OD 50.30, OD/ cover 50.25, Total length 144.60, Height/ B+ 12.00, Width/ kl. 15a 15.00, Width/ kl. 50 45.00, Coil bolt M8, Coil bolt 2 13.00, No./ terminals 4
Cap: HC-CARGO 131334.



130377 Solenoid

Replacing: 30430-1

Servicing: MTA12-P30, MTA12P-7, MTD12-14, MTS12-1, MTS12-21, MTS12-22, MTS12-23, MTS12-23S, MTS12-29, MTS12-39, MTS12-42

12 V, B+ M8, Kl. 50 6.30, OD 54.70, OD/ cover 64.35, Total length 148.85, Height/ B+ 22.40, Width/ kl. 50 22.80, Coil bolt M8, Coil bolt 2 22.40, No./ terminals 3
Cap: HC-CARGO 131325.



130493 Solenoid

Replacing: 3225629, 2098360, SW03, D9AZ11450A, D2DZ11450A, C7AF11450A, BD7T11450T, B6AZ11450A, SAS-4211Y, 15-407, f903

12 V, Intermittent load 150 Amp., B+ 5/16" UNF, Kl. 50 10-32 UNF, OD 42.30, Total length 62.30, Height/ B+ 15.00, Width/ kl. 50 10.50, Coil bolt 5/16" UNF, Coil bolt 2 15.00, No./ terminals 4

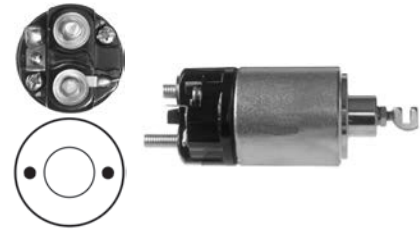


130499 Solenoid

Replacing: d6tz11390a, 3205022, 3204049, 3202630, d992, d982, d981, d978, d975, d974, d969, d967, d966, d965, d960, d958, d956, d952, d948, d943

Servicing: 10MT, 20MT, 25MT, 27MT

12 V, B+ 3/8" UNC, Kl. 15a 8-32 UNC, Kl. 50 8-32 UNC, ID/ cover 31.35, OD 59.80, OD/ cover 65.10, Total length 122.15, Coil bolt 3/8" UNC, No./ terminals 4
Cap: HC-CARGO 130497.



130814 Solenoid

Replacing: 053400-3810, 053400-3720, 053400-3710, 053400-3410, 053400-3350, 053400-3330, 053400-2880, toj400

Servicing: 028000-0430, 028000-1370, 028000-1850, 028000-1975, 028000-1976, 028000-2001, 028000-2150, 028000-2151, 028000-2240

12 V, B+ M8, Kl. 50 6.30, OD 49.85, OD/ cover 49.80, Total length 137.60, Height/ B+ 18.35, Width/ kl. 50 10.65, Coil bolt M8, Coil bolt 2 8.60, No./ terminals 3
Cap: HC-CARGO 134627.



130848 Solenoid

Replacing: 8088006

Servicing: b76-0.5/12
12 V



130904 Solenoid

Replacing: 443930157911, 0157912

Servicing: 02914207, 11490400, 443115142062, 443115142063, 443115142071, 443115142110, 443115142112, 443115142162, 9142063

12 V, B+ M10, Kl. 15a 6.30, Kl. 50 6.30, ID/ cover 24.20, OD 54.70, OD/ cover 55.20, Total length 134.20, Height/ B+ 21.25, Width/ kl. 15a 9.85, Width/ kl. 50 10.25, Coil bolt M10, Coil bolt 2 22.75, No./ terminals 4
Cap: HC-CARGO 133413.


131006 Solenoid

Replacing: 2140509, 2140009, 683507, 683411, 683186, 683041, 682110, 682108, 682106, 682104, 681774, 680954, 680642, 680563
 12 V, B+ M8, Kl. 15a M5, Kl. 50 6.30, OD 45.65, OD/ cover 48.45, Total length 116.65, Height/ B+ 12.90, Width/ kl. 15a 13.00, Width/ kl. 50 8.70, Coil bolt M8, Coil bolt 2 7.75, No./ terminals 4
 Cap: HC-CARGO 133769.


131009 Solenoid

Replacing: ne361, ne355
 Servicing: 532026A, 6020E, 6020EF, 6020F, 6035F, 6081E, 6081F
 12 V, B+ M8, Kl. 50 6.30, OD 46.00, OD/ cover 47.80, Total length 107.80, Height/ B+ 16.00, Width/ kl. 50 16.35, Coil bolt M8, Coil bolt 2 8.55, No./ terminals 3
 Cap: HC-CARGO 131321.


131010 Solenoid

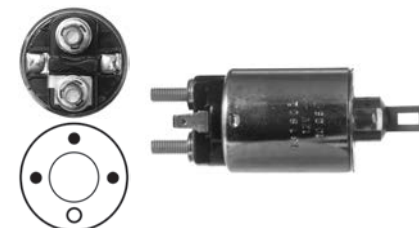
Replacing: 708289, 701426, 701424, 682115, 682102, 681411, 618511, 618480, 618136, 618010, 606913, 606903
 Servicing: 533003, 533004, 6045B, 6139BC, 6155HJKL, 6185A, 6185ABC, 6185B, 6185C, 6219A, 6219ABC, 6219B, 6219C, 6227A, 6227AB
 12 V, B+ M8, Kl. 30h M5, Kl. 50 6.30, OD 45.80, OD/ cover 47.55, Total length 106.60, Height/ B+ 12.35, Width/ kl. 30h 13.00, Width/ kl. 50 8.95, No./ terminals 4
 Cap: HC-CARGO 133769.


131080 Solenoid

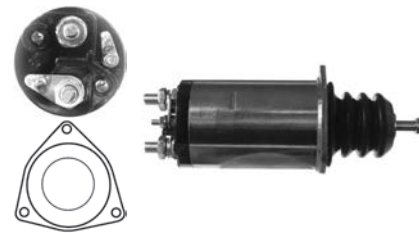
Replacing: 19024764
 12 V, 50 Amp, Intermittent load 500 Amp., B+ M8, Kl. 50 6.30, OD 39.70, Total length 86.40, Height/ B+ 12.25, Width/ kl. 50 9.55, Coil bolt M8, Coil bolt 2 12.25, Seconds 5, No./ terminals 3


131253 Solenoid

Replacing: 19024762
 12 V, 60 Amp, Intermittent load 500 Amp., B+ M8, Kl. 50 6.30, OD 39.65, Total length 85.75, Height/ B+ 11.85, Width/ kl. 50 9.85, Coil bolt M8, Seconds 5, Coil bolt 2 11.85, No./ terminals 4


131802 Solenoid

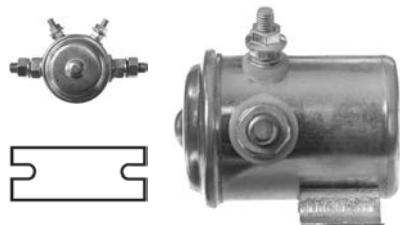
Replacing: md607933, m371x82373, m371x81871, m371x81371, m371x80571, m371x55072, m371x55071, m371x54871
 Servicing: M001T50471, M002T10171, M002T10271, M002T20181, M002T20181A, M002T20182, M002T20281, M002T23181, M002T50581, M002T50981
 12 V, B+ M8, Kl. 50 6.30, OD 51.30, OD/ cover 44.75, Total length 131.00, Height/ B+ 18.25, Width/ kl. 50 15.10, Coil bolt M8, Coil bolt 2 18.25, No./ terminals 3
 Cap: HC-CARGO 133273.


132495 Solenoid

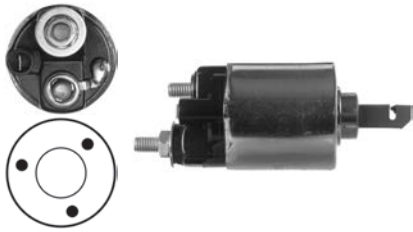
Replacing: 0-47100-3031, 0-47100-3030, 0-47100-2690, 0-47100-2650
 Servicing: 0-21000-3271, 0-21000-3480, 0-21000-3520, 0-21000-3650, 0-21000-3661, 0-21000-3690, 0-21000-3711, 0-21000-3783
 12 V, B+ M10, Kl. 50 M5, OD 70.00, OD/ cover 69.45, Total length 215.70, Height/ B+ 28.50, Width/ kl. 50 18.75, Coil bolt M10, Coil bolt 2 28.00, No./ terminals 3
 Cap: HC-CARGO 138897.


132594 Solenoid

Replacing: 6211-39
 Servicing: 1320015, 1320023, 1320027, 1320028, 1320029, 1320045, 1320075, 1320092, 1320142, 1320161, 1320183, 1320502, 1320510
 12 V, OD 98.40, Total length 60.70


132939 Solenoid

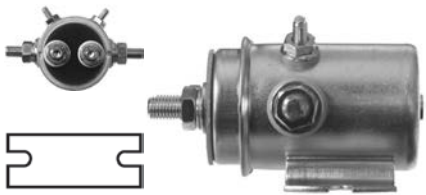
12 V, 80 Amp, Intermittent load 150 Amp., B+ M8, Kl. 15a M5, Kl. 50 M5, OD 41.85, Total length 64.50, Seconds 5, Height/ B+ 20.65, Width/ kl. 15a 11.35, Width/ kl. 50 11.35, Coil bolt M8, Coil bolt 2 20.65, No./ terminals 4
 Insulated.



133076 Solenoid

Replacing: sm302-02, SM302-04, SM302-08, SM302-16, SM302-19, SM302-24, SM302-40, SM402-04N

12 V, B+ M8, Kl. 50 6.30, OD 50.65, OD/ cover 43.80, Total length 130.00, Height/ B+ 17.30, Coil bolt M8, Coil bolt 2 10.70, No./ terminals 3
Cap: HC-CARGO 133782.



133616 Solenoid

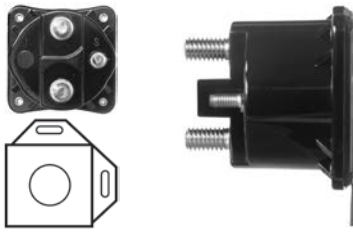
12 V, 80 Amp, Intermittent load 150 Amp., B+ M8, Kl. 15a M5, Kl. 50 M5, OD 41.85, Total length 89.65, Height/ B+ 18.00, Width/ kl. 15a 11.45, Width/ kl. 50 11.45, Coil bolt M8, Coil bolt 2 10.00, Seconds 5, No./ terminals 6
Insulated return. Silver contact.



133695 Solenoid

Replacing: cey113, 099845

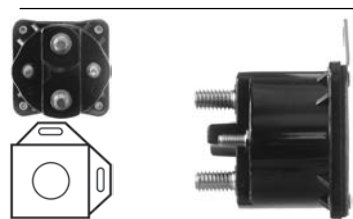
12 V, 100 Amp, Intermittent load 500 Amp., B+ M8, Kl. 15a M5, Kl. 50 M5, OD 47.70, OD/ cover 52.35, Total length 105.55, Height/ B+ 18.85, Width/ kl. 15a 13.90, Width/ kl. 50 14.00, Coil bolt M8, Seconds 5, Coil bolt 2 19.35, No./ terminals 4



133855 Solenoid

Replacing: SAZ-4201X, SAZ-4201R, SAZ-4201ENY, SAZ-4201ELY, SAZ-4201E, SAZ-4201CJ, SAZ-4201CA, SAZ-4201BR

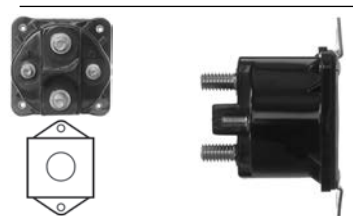
12 V, 100 Amp, Intermittent load 800 Amp., B+ M8, Kl. 50 M5, OD/ cover 48.95, Total length 54.30, Height/ B+ 14.25, Width/ kl. 50 9.70, Coil bolt M8, Coil bolt 2 14.10, No./ terminals 3
3.95-4.15 coil resistance.



133856 Solenoid

Replacing: sw1162, SAZ-4201N, SAZ-4201EW, SAZ-4201DDY, SAZ-4201CPY, SAZ-4201BW, SAZ-4201BU, SAZ-4201BBY, 15-486

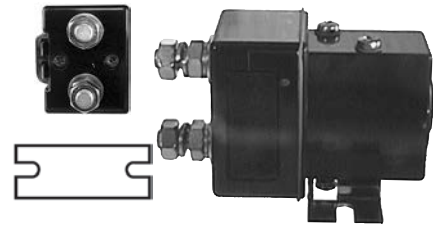
12 V, 100 Amp, Intermittent load 800 Amp., B+ M8, Kl. 15a M5, Kl. 50 M5, OD/ cover 49.25, Total length 54.75, Height/ B+ 14.20, Width/ kl. 15a 9.85, Width/ kl. 50 9.95, Coil bolt M8, Coil bolt 2 14.20, No./ terminals 4
3.95-4.15 coil resistance.



133857 Solenoid

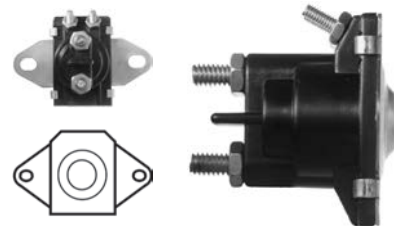
Replacing: SAZ-4201U, SAZ-4201EY, SAZ-4201BC, SAZ-4201AP, SAZ-4201AHY, 15-487, 15-400, 15-368, 15-351, 15-275

12 V, 100 Amp, Intermittent load 800 Amp., B+ M8, Kl. 15a M5, Kl. 50 M5, OD/ cover 54.75, Total length 55.50, Height/ B+ 14.45, Width/ kl. 15a 9.90, Width/ kl. 50 9.80, Coil bolt M8, Coil bolt 2 14.30, No./ terminals 4
3.95-4.15 coil resistance.



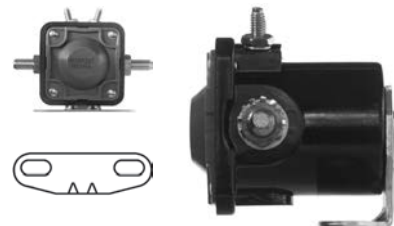
138684 Solenoid

12 V, 100 Amp, B+ M8, Total length 94.00, Height/ B+ 19.00, Coil bolt M8, Coil bolt 2 19.80, No./ terminals 4
Silver contact.



139856 Solenoid

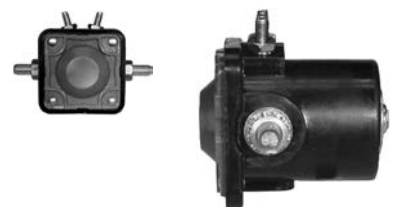
12 V, B+ M8, Kl. 15a M4, Kl. 50 M4, OD 56.00, Total length 55.80, Height/ B+ 10.55, Width/ kl. 15a 9.20, Width/ kl. 50 9.75, Coil bolt M8, Coil bolt 2 10.40, No./ terminals 4



139858 Solenoid

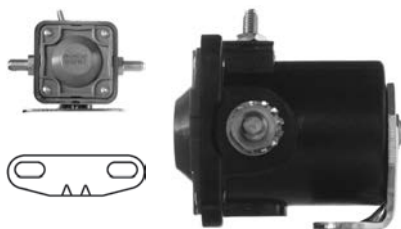
Replacing: 2095606, 1658883, SAZ4201J, 15-66, 15-5c, 15-288, 1114537, 1114206

12 V, 100 Amp, Intermittent load 600 Amp., B+ M8, Kl. 15a M5, Kl. 50 M5, OD 41.90, Total length 63.45, Height/ B+ 18.75, Width/ kl. 15a 12.75, Width/ kl. 50 12.75, Coil bolt M8, Coil bolt 2 18.55, No./ terminals 4



139859 Solenoid

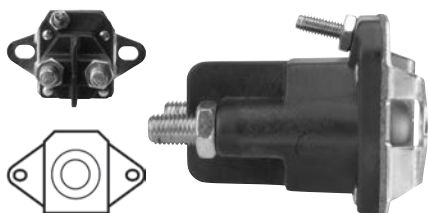
12 V, B+ M8, Kl. 15a M5, Kl. 50 M5, OD 53.85, Total length 64.00, Height/ B+ 12.30, Width/ kl. 15a 8.25, Width/ kl. 50 8.50, Coil bolt M8, Coil bolt 2 12.15, No./ terminals 4


139860 Solenoid

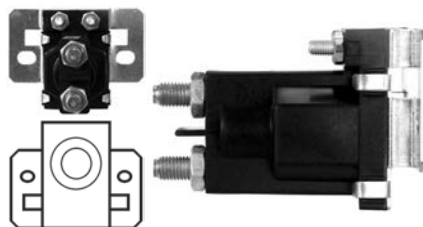
12 V, Kl. 50 M5, OD 54.00,
Total length 64.20, Height/ B+ 13.25,
Width/ kl. 50 8.55, Coil bolt 13.55,
No./ terminals 3


231525 Solenoid

12 V, 80 Amp, B+ 1/4"-20,
Kl. 15a 10-24 UNC, Kl. 50 10-24 UNC,
Total length 66.45, Height/ B+ 18.00,
Coil bolt 1/4"-20, Coil bolt 2 18.00,
No./ terminals 4
Insulated return.


231526 Solenoid

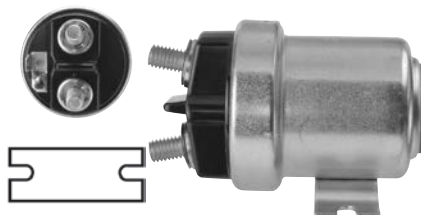
12 V, 80 Amp, B+ 5/16"-24, Kl. 50 M4,
OD 55.85, Total length 55.15,
Height/ B+ 9.50, Width/ kl. 50 10.20,
Coil bolt 5/16"-24, Coil bolt 2 9.50,
No./ terminals 3
Relay w/ 1/4" B+: HC-CARGO 234070.


231527 Solenoid

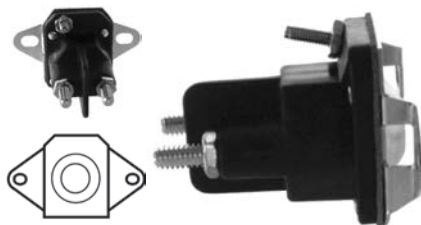
12 V, 80 Amp, B+ 5/16"-24, Kl. 15a M5,
Kl. 50 M5, OD 54.20, Total length 77.65,
Height/ B+ 11.55, Width/ kl. 15a 7.00,
Width/ kl. 50 6.90, Coil bolt 5/16"-24,
Coil bolt 2 11.45, No./ terminals 4


231807 Solenoid

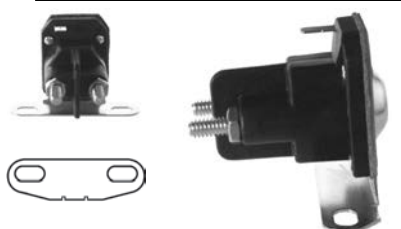
12 V, 200 Amp, Intermittent load 800 Amp.,
B+ M8, Kl. 15a 6.30, Kl. 50 6.30,
OD 45.00, OD/ cover 47.55,
Total length 105.00, Height/ B+ 11.85,
Width/ kl. 15a 11.30, Width/ kl. 50 11.75,
Coil bolt M8, Coil bolt 2 11.90,
Seconds 5, No./ terminals 4


231809 Solenoid

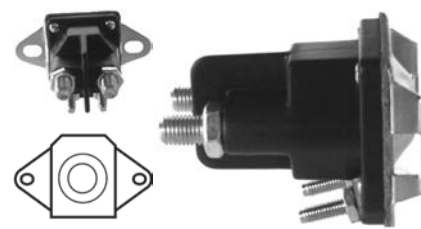
12 V, 200 Amp, Intermittent load 800 Amp.,
B+ M8, Kl. 50 6.30, OD 45.00,
OD/ cover 47.30, Total length 104.65,
Height/ B+ 11.20, Width/ kl. 50 11.60,
Coil bolt M8, Coil bolt 2 11.50,
Seconds 5, No./ terminals 3


234070 Solenoid

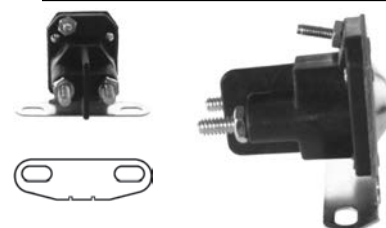
12 V, B+ 1/4"-20, Kl. 50 M5,
Total length 66.40, Height/ B+ 17.00,
Width/ kl. 50 15.95, Coil bolt 1/4"-20,
Coil bolt 2 17.00, No./ terminals 3
Relay w/ 5/16" B+: HC-CARGO 231526.


234071 Solenoid

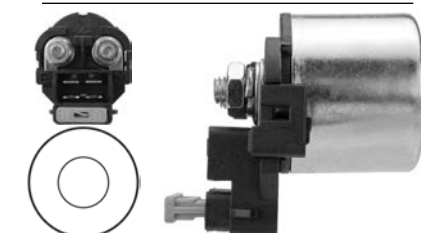
12 V, 80 Amp, B+ 5/16"-24,
Kl. 50 6.30, Total length 64.25,
Height/ B+ 16.70, Width/ kl. 50 11.15,
Coil bolt 5/16"-24, Coil bolt 2 16.70,
No./ terminals 3


234072 Solenoid

12 V, 80 Amp, B+ 5/16"-24, Kl. 15a M5,
Kl. 50 M5, Total length 66.50,
Height/ B+ 16.90, Width/ kl. 15a 15.30,
Width/ kl. 50 15.30, Coil bolt 5/16"-24,
Coil bolt 2 16.90, No./ terminals 4
Insulated return.


234073 Solenoid

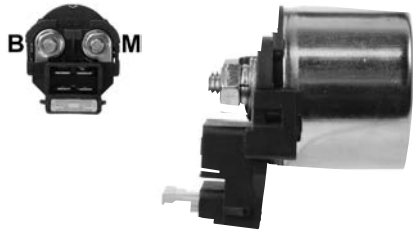
12 V, 80 Amp, B+ 1/4"-20,
Kl. 15a 10-24 UNC, Kl. 50 M5,
Total length 64.15, Height/ B+ 16.85,
Width/ kl. 50 16.25, Coil bolt 1/4"-20,
Coil bolt 2 16.85, No./ terminals 3


234860 Solenoid

Replacing: ZM-101
Servicing: Honda MC
12 V, OD 34.00, Total length 43.00,
No./ terminals 6
15 A fuse.


235442 Solenoid

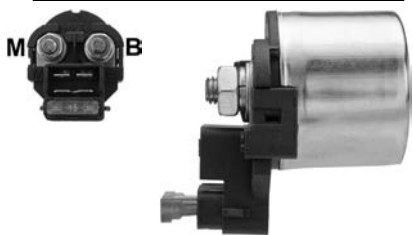
Replacing: 1114218, 1114208
12 V, 150 Amp, Intermittent load 300 Amp.,
B+ M8, OD 41.04, Total length 65.86,
Height/ B+ 14.45, Seconds 5,
No./ terminals 4
Silver contact. Insulated return.



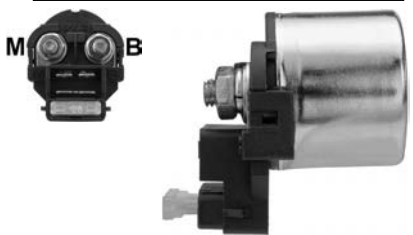
235593 Solenoid
 Replacing: ZM-102, 235593
 12 V, B+ M6, Kl. 15a M6, Kl. 50 Plug,
 OD 46.82, OD/ cover 46.82,
 Total length 51.20, Height/ B+ 45.00,
 Width/ kl. 15a 15.00, Width/ kl. 50 30.00
 20 A fuses.



235594 Solenoid
 12 V, B+ M6, OD 34.00,
 Total length 43.00, Coil bolt M6
 30 A fuses.



235595 Solenoid
 12 V, OD 34.00, Total length 43.00
 15 A fuses.



235596 Solenoid
 12 V, B+ M6, OD 34.00,
 Total length 43.00, Coil bolt M6
 20 A fuses.



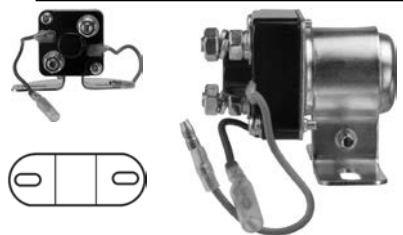
333001 Solenoid
 12 V, B+ Bolt, Kl. 50 M4, OD 52.20,
 Total length 113.30, Height/ B+ M8x1.25,
 Coil bolt 22.60, Coil bolt 2 16.60,
 No./ terminals 3



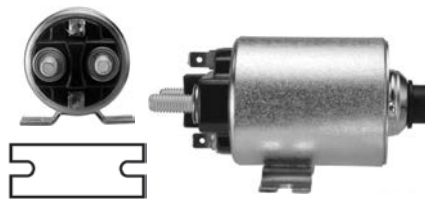
333003 Solenoid
 12 V, B+ M8, OD 132.00,
 Total length 86.00, No./ terminals 3



333004 Solenoid
 12 V, 150 Amp, Intermittent load 300 Amp.,
 Total length 79.60, No./ terminals 6
 Coil resistance 8.5 Ohms. N.C. contact:
 60/60 A.



333006 Solenoid
 12 V, OD 80.00, Total length 65.00,
 No./ terminals 4



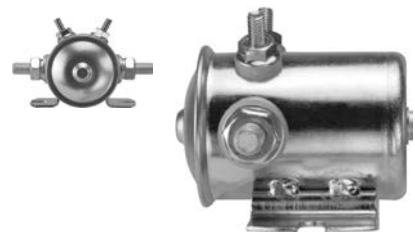
333009 Solenoid
 12 V, 150 Amp, B+ M8, OD 52.20,
 Total length 109.40, Height/ B+ 11.90,
 Coil bolt M8, Coil bolt 2 11.90,
 No./ terminals 4



333010 Solenoid
 12 V, OD 67.40, Total length 51.10,
 No./ terminals 3



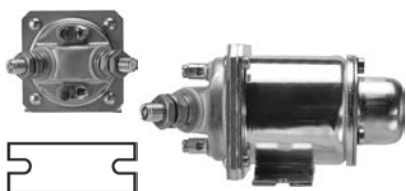
333012 Solenoid
 12 V, 150 Amp, Intermittent load 300 Amp.,
 Total length 88.20, No./ terminals 5
 Coil resistance 8.5 Ohms. N.C. contact:
 60/60 A.



333020 Solenoid
 12 V, Total length 65.80,
 No./ terminals 4



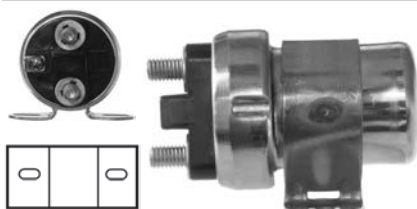
333153 Solenoid
 Manufacturer: Bosch
 Replacing: 0333009004, 19024761
 12 V, 150 Amp, Intermittent load 800 Amp.,
 B+ M8, OD 51.75, OD/ cover 44.00,
 Total length 100.15, Height/ B+ 17.75,
 Coil bolt M8, Coil bolt 2 17.75,
 Seconds 5, No./ terminals 4
 Silver contact. Insulated return.
 Alternative no.: 131373, 131373Z


333160 Solenoid

Manufacturer: Bosch

Replacing: 0333006004

12 V, 80 Amp, Intermittent load 500 Amp.,
 B+ M8, Kl. 50 6.30, OD 52.10,
 OD/ cover 45.20, Total length 101.75,
 Height/ B+ 17.50, Width/ kl. 50 10.65,
 Coil bolt M8, Coil bolt 2 17.50,
 Seconds 5, No./ terminals 4
 Water proof. Silver contact. Insulated return.
 Alternative no.: 131370

24 Volt

130492 Solenoid

Replacing: 19024765

24 V, 80 Amp, Intermittent load 500 Amp.,
 B+ M8, Kl. 50 6.30, OD 40.00,
 Total length 85.00, Height/ B+ 11.30,
 Width/ kl. 50 10.50, Coil bolt M8,
 Coil bolt 2 11.30, Seconds 5,
 No./ terminals 3


131254 Solenoid

Replacing: 19024763

24 V, 50 Amp, Intermittent load 500 Amp.,
 B+ M8, Kl. 50 6.30, OD 39.70,
 Total length 86.30, Height/ B+ 11.80,
 Width/ kl. 50 9.80, Coil bolt M8,
 Coil bolt 2 11.80, Seconds 5,
 No./ terminals 4

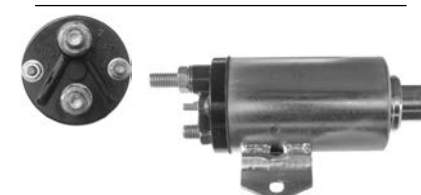

131371 Solenoid

Replacing: 0333006006, 19024759

Servicing: 0333006006

24 V, 80 Amp, Intermittent load 500 Amp.,
 B+ M8, OD 51.70, OD/ cover 43.45,
 Total length 99.60, Height/ B+ 17.35,
 Coil bolt M8, Coil bolt 2 17.35,
 Seconds 5, No./ terminals 4
 Silver contact. Insulated return.

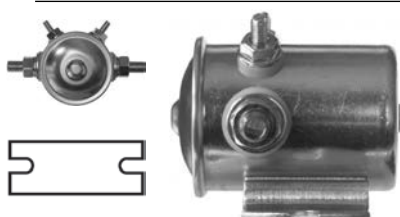
Alternative no.: 333156


132140 Solenoid

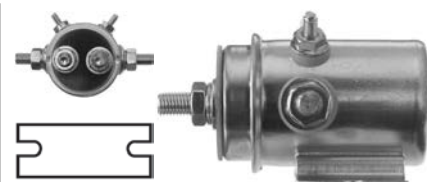
 Replacing: 856121, 856025, 855528,
 855248, 850686

Servicing: 850277, 850461, 850534, 850598,
 850604, 850606, 850615, 850628, 850811,
 850894, 851002, 851004A, 851124, 851339,
 851360

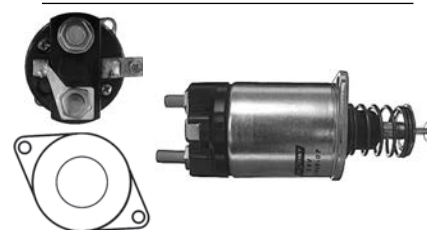
24 V, B+ M14-1.50, Kl. 15a M6,
 Kl. 50 M6, OD 76.00, OD/ cover 76.35,
 Total length 216.50, Height/ B+ 33.00,
 Width/ kl. 15a 18.30,
 Width/ kl. 50 17.75, Coil bolt M14-1.50,
 Coil bolt 2 24.60, No./ terminals 4
 Cap: HC-CARGO 132141. Moving contact: HC-
 CARGO 132142. Insulated return.


132940 Solenoid

24 V, 60 Amp, Intermittent load 100 Amp.,
 B+ M8, Kl. 15a M5, Kl. 50 M5,
 OD 42.00, Total length 66.35,
 Height/ B+ 20.40, Width/ kl. 15a 12.50,
 Width/ kl. 50 12.50, Coil bolt M8,
 Coil bolt 2 20.40, Seconds 5,
 No./ terminals 4
 Insulated.


133617 Solenoid

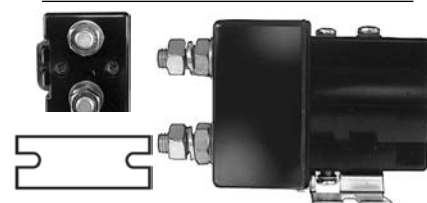
24 V, 50 Amp, Intermittent load 50 Amp.,
 B+ M8, Kl. 15a M5, Kl. 50 M5, OD 41.70,
 Total length 88.85, Height/ B+ 17.30,
 Width/ kl. 15a 10.75, Width/ kl. 50 10.75,
 Coil bolt M8, Coil bolt 2 17.30,
 Seconds 5, No./ terminals 6
 Insulated return.


136170 Solenoid

Replacing: 1350-097-00x9

Servicing: 0350-552-0310, 0350-552-0311,
 0350-552-0320, 0350-552-0324, 0350-552-
 0328, 0350-552-0330, 0350-552-0334, 0350-
 552-0338

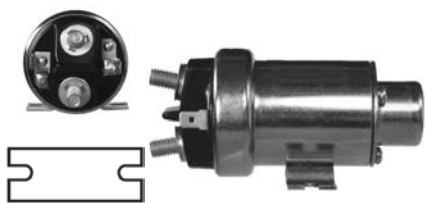
24 V, B+ M10, Kl. 50 9.40, ID/ cover 21.80,
 OD 65.20, OD/ cover 64.75,
 Total length 195.45, Height/ B+ 25.10,
 Width/ kl. 50 24.95, Coil bolt M10,
 Coil bolt 2 17.55, No./ terminals 3
 Cap: HC-CARGO 234554.


138685 Solenoid

24 V, 100 Amp, B+ M8, Total length 93.80,
 Height/ B+ 20.25, Coil bolt M8,
 Coil bolt 2 20.10, No./ terminals 4
 Silver contact.


230964 Solenoid

24 V, 200 Amp, Intermittent load 800 Amp.,
 B+ M8, Kl. 15a 6.30, Kl. 50 6.30, OD 44.90,
 OD/ cover 47.45, Total length 115.50,
 Height/ B+ 12.25, Width/ kl. 15a 12.65,
 Width/ kl. 50 11.70, Coil bolt M8,
 Coil bolt 2 12.00, Seconds 5, No./ terminals 4


231808 Solenoid

24 V, 200 Amp, Intermittent load 800 Amp., B+ M8, Kl. 50 6.30, OD 45.15, Total length 114.90, Height/ B+ 11.20, Width/ kl. 50 11.75, Coil bolt M8, Coil bolt 2 11.20, Seconds 5, No./ terminals 4


231810 Solenoid

24 V, 200 Amp, Intermittent load 800 Amp., B+ M8, Kl. 50 6.30, OD 44.90, OD/ cover 47.45, Total length 114.55, Height/ B+ 11.10, Width/ kl. 50 11.55, Coil bolt M8, Coil bolt 2 11.40, Seconds 5, No./ terminals 3


235443 Solenoid

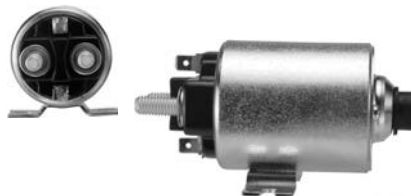
24 V, 100 Amp, Intermittent load 200 Amp., Seconds 5, No./ terminals 4
Silver contact. Insulated return.


333005 Solenoid

24 V, 75 Amp, Intermittent load 150 Amp., Total length 79.60, No./ terminals 6
Coil resistance 16 Ohms. N.C. contact: 60/60 A.


333007 Solenoid

24 V, OD 67.60, Total length 65.00, No./ terminals 4


333008 Solenoid

24 V, 150 Amp, B+ M8, Kl. 50 6.30, OD 54.00, Total length 109.40, Height/ B+ 15.00, Width/ kl. 50 60.00, No./ terminals 4


333011 Solenoid

24 V, OD 67.40, Total length 51.10, No./ terminals 3


333013 Solenoid

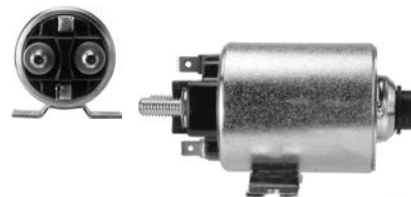
24 V, Intermittent load 1000 Amp., B+ M8, OD 90.00, Total length 133.00, No./ terminals 4


333015 Solenoid

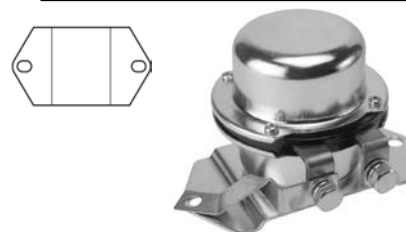
24 V, 50 Amp, Intermittent load 50 Amp., Total length 86.70, No./ terminals 5
Coil resistance 60 Ohms. N.C. contact: 30/30 A.


333016 Solenoid

24 V, 35 Amp, Intermittent load 1 Amp., Total length 94.00, Seconds 0.1, No./ terminals 4


333017 Solenoid

24 V, 100 Amp, B+ M8, Kl. 15a 6.30, Kl. 50 6.30, OD 52.07, Total length 109.40, Height/ B+ 15.00, Width/ kl. 15a 30.00, No./ terminals 4


333018 Solenoid

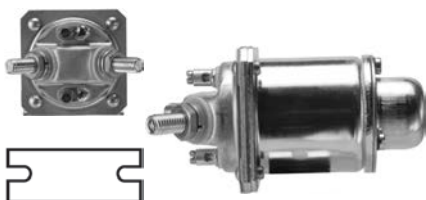
24 V, 100 Amp, Kl. 50 M4, Total length 87.00, Height/ B+ M8x1.25, Coil bolt M8x1.25, No./ terminals 3


333152 Solenoid

Manufacturer: Bosch

Replacing: 0333009013, 0333009002, 19024760

24 V, 150 Amp, Intermittent load 800 Amp., B+ M8, OD 51.50, OD/ cover 43.55, Total length 100.55, Height/ B+ 17.85, Coil bolt M8, Coil bolt 2 17.85, Seconds 5, No./ terminals 4
Silver contact. Insulated return.
Alternative no.: 131372



333156 5★ Solenoid
 Manufacturer: Bosch
 Replacing: 0333006006
 24 V, 80 Amp, Intermittent load 500 Amp.,
 B+ M8, OD 51.70, OD/ cover 43.45,
 Total length 99.60, Height/ B+ 17.35,
 Coil bolt M8, Coil bolt 2 17.35,
 Seconds 5, No./ terminals 4
 Silver contact. Insulated return.
 Alternative no.: 131371



333484 5★ Solenoid
 Manufacturer: Bosch
 Replacing: 0333009005
 24 V



333531 5★ Solenoid
 Manufacturer: Bosch
 Replacing: 0333009011
 24 V, 150 Amp, B+ M8, Kl. 15a 6.30,
 Kl. 50 6.30, OD 50.00, Total length 100.00,
 Height/ B+ 15.00, Width/ kl. 15a 60.00,
 Width/ kl. 50 30.00, No./ terminals 4

36 Volt



235646 Solenoid
 36 V, 50 Amp, Intermittent load 100 Amp.,
 B+ M8, OD 41.80, Total length 66.80,
 Seconds 5, No./ terminals 4
 Insulated return.



235647 Solenoid
 36 V, 60 Amp, Intermittent load 150 Amp.,
 Seconds 5, No./ terminals 4
 Insulated return.

Solenoid Parts

Fixed Contacts



231467 Contact Plate
 Replacing: 6510-68
 Servicing: S114HD24-2
 ID 39.85, OD 98.50, Thickness 3.55

Brush Sets



Pkg. 10

140164 Brush
 Servicing: Bosch, Webasto
 10-100 V, Length 19.50, Lead length 35.50,
 Height 9.93, Thickness 7.94

Solenoid Shutdown

Externally Switched



090109 Shutdown Solenoid
 Replacing: 1502es12c3u1b2s1
 12 V, 0.7 Amp/ hold, 30 Amp/ pull,
 Thread size 6.00, Hold rating 89N,
 Pull rating 40N at 25.40 mm, Return spring 9N,
 Mount. type Flange/bracket, Thread type mm,
 Elect. connection Plug, Function Pull,
 Switch External, Plunger External
 This solenoid can't switch off by itself, it
 will have to be controlled externally.



090110 Shutdown Solenoid
 Replacing: 1502es24c3u1b2s2
 24 V, 0.25 Amp/ hold, 17 Amp/ pull,
 Thread size 6.00, Hold rating 89N,
 Pull rating 40N at 25.40 mm,
 Return spring 9N,
 Mount. type Flange/bracket,
 Thread type mm, Elect. connection Plug,
 Function Pull, Switch External,
 Plunger External
 This solenoid can't switch off by itself, it
 will have to be controlled externally.



090111 Shutdown Solenoid
 Replacing: SA-5174-12, 2001es12e3u1b2s2
 12 V, 0.6 Amp/ hold, 44 Amp/ pull,
 Thread size 1/4", Hold rating 178N,
 Pull rating 75N at 25.40 mm,
 Return spring 35N,
 Mount. type Flange/
 bracket, Thread type Inches,
 Elect. connection Plug, Function Pull,
 Switch External, Plunger External
 This solenoid can't switch off by itself, it
 will have to be controlled externally.



090113 Shutdown Solenoid
 Replacing: SA-5174-24, 2001es24e3u1b2s2
 24 V, 0.3 Amp/ hold, 23 Amp/ pull,
 Thread size 6.00, Hold rating 178N,
 Pull rating 75N at 25.40 mm,
 Return spring 35N,
 Mount. type Flange/bracket,
 Thread type mm, Elect. connection Plug,
 Function Pull, Switch External,
 Plunger External
 This solenoid can't switch off by itself, it
 will have to be controlled externally.



090199 Shutdown Solenoid

Replacing: sa-4180-12
 12 V, 1.1 Amp/ hold, 46 Amp/ pull,
 Thread size 6.00, Hold rating 178N,
 Pull rating 89N at 25.40 mm,
 Return spring 17N,
 Mount. type Flat w/ 2 fixing holes,
 Thread type mm,
 Elect. connection Cable,
 Function Pull/Push, Switch External,
 Plunger External
This solenoid can't switch off by itself, it will have to be controlled externally.



090200 Shutdown Solenoid

Replacing: sa-4182-24
 24 V, 4 Amp/ hold, 18 Amp/ pull,
 Thread size 6.00, Hold rating 178N,
 Pull rating 67N at 25.40 mm,
 Return spring 17N, Thread type mm,
 Elect. connection Cable,
 Function Pull/Push, Switch External,
 Plunger External
This solenoid can't switch off by itself, it will have to be controlled externally.



090206 Shutdown Solenoid

Replacing: sa-4920-12, sa-4817-12, sa-4564-12
 Servicing: Yanmar Diesel
 12 V, 0.49 Amp/ hold, 36.5 Amp/ pull,
 Thread size 0.158, Thread type Inches,
 Switch External, Plunger Internal
This solenoid can't switch off by itself, it will have to be controlled externally.



090216 Shutdown Solenoid

Replacing: sa-4569-t, SA-3776T,
 1503es12a5uc5s
 Servicing: Kubota
 12 V, 0.7 Amp/ hold, 30 Amp/ pull,
 Hold rating 85N, Pull rating 44N at 25.40 mm,
 Return spring 17N, Mount. type Flange,
 Elect. connection Multiplug,
 Switch External, Plunger External
This solenoid can't switch off by itself, it will have to be controlled externally.



090225 Shutdown Solenoid

Replacing: sa-4934-12
 Servicing: Perkins
 12 V, 0.49 Amp/ hold, 36.5 Amp/ pull,
 Thread size 0.25, Thread type Inches,
 Switch External, Plunger Internal
This solenoid can't switch off by itself, it will have to be controlled externally.



090226 Shutdown Solenoid

Replacing: sa-4228
 24 V, 24 V 2, 0.5 Amp/ hold, 25 Amp/ pull,
 Thread size 6.00, Hold rating 182N,
 Pull rating 111N at 25.40 mm,
 Return spring 7N, Thread type mm,
 Elect. connection Multiplug,
 Function Pull, Switch External,
 Plunger External
This solenoid can't switch off by itself, it will have to be controlled externally.



090228 Shutdown Solenoid

Replacing: SA-4921, SA-4850, sa-4562t,
 1503es12s5uc5s, 1503ES12S5SUC5S
 Servicing: Yanmar Motors
 12 V, 0.49 Amp/ hold, 36.5 Amp/ pull,
 Thread size 0.158, Thread type Inches,
 Switch External, Plunger Internal
This solenoid can't switch off by itself, it will have to be controlled externally.



090281 Shutdown Solenoid

Replacing: sa-4527
 Servicing: Volvo
 24 V, 0.5 Amp/ hold, 25 Amp/ pull,
 Thread size 6.00, Hold rating 236N,
 Pull rating 89N at 25.40 mm,
 Mount. type Bracket, Thread type mm,
 Elect. connection Multiplug,
 Function Pull/Push, Switch External,
 Plunger External
This solenoid can't switch off by itself, it will have to be controlled externally.



090348 Shutdown Solenoid

12 V, 1.1 Amp/ hold, 46 Amp/ pull,
 Thread size 6.00, Hold rating 182N,
 Pull rating 111N at 25.40 mm,
 Return spring 4-8N,
 Mount. type Flat w/ 2 fixing holes,
 Thread type mm, Elect. connection Cable,
 Function Pull, Switch External,
 Plunger External
This solenoid can't switch off by itself, it will have to be controlled externally.


090370 Shutdown Solenoid

Replacing: SA-4899-12

Servicing: Kubota D722, Z482

12 V, 1.1 Amp/ hold, 46 Amp/ pull,
Thread size 1/4 - 28 UNF-
2A, Hold rating 182N, Pull rating 111N,
Mount. type Flat w/ 2 fixing holes,
Elect. connection Cable, Switch External,
Plunger External

*This solenoid can't switch off by itself, it
will have to be controlled externally.*


090371 Shutdown Solenoid

Replacing: SA-4899-24

Servicing: Kubota D722, Z482

24 V, 0.5 Amp/ hold, 25 Amp/ pull,
Thread size 1/4 - 28 UNF-2A,
Hold rating 182N, Pull rating 111N,
Elect. connection Cable, Switch External,
Plunger External

*This solenoid can't switch off by itself, it
will have to be controlled externally.*


090373 Shutdown Solenoid

Replacing: SA-4561T, 1503ES12A5UC9S

12 V, 0.972 Amp/ hold, 365 Amp/ pull,
Thread size 0.154, Thread type Inches,
Switch External, Plunger External
*This solenoid can't switch off by itself, it
will have to be controlled externally.*


090431 Shutdown Solenoid

Replacing: 2300-1505

24 V, 24 V 2, 0.57 Amp/ hold, 30 Amp/ pull,
Thread size 5/16", Hold rating 391N,
Pull rating 165N, Return spring 80-115N,
Mount. type Flange/bracket,
Thread type Inches, Function Pull,
Switch External, Plunger External,
Insulated return

*This solenoid can't switch off by itself, it
will have to be controlled externally.*

Internally Switched

090160 Shutdown Solenoid

Replacing: SA-5171, 150212c3u1b1s1a

12 V, 0.7 Amp/ hold, 30 Amp/ pull,
Thread size 6.00, Hold rating 89N,
Pull rating 40N at 25.40 mm,
Return spring 17N, Thread type mm,
Mount. type Flange/bracket,
Elect. connection Plug, Switch Internal,
Plunger External

*This solenoid can switch off the pull coil,
and no external 'control' is necessary.*


090161 Shutdown Solenoid

Replacing: 150224c3u1b1s2a

24 V, 0.25 Amp/ hold, 17 Amp/ pull,
Thread size 6.00, Hold rating 89N,
Pull rating 40N at 25.40 mm,
Return spring 17N, Thread type mm,
Mount. type Flange/bracket,
Elect. connection Plug, Function Pull,
Switch Internal, Plunger Internal

*This solenoid can switch off the pull coil,
and no external 'control' is necessary.*


090168 Shutdown Solenoid

Replacing: 200112e3u1b2s2

12 V, 0.6 Amp/ hold, 44 Amp/ pull,
Thread size 6.00, Hold rating 178N,
Pull rating 75N at 25.40 mm,
Return spring 35N, Thread type mm,
Mount. type Flange/bracket,
Elect. connection Plug, Switch Internal,
Plunger External

*This solenoid can switch off the pull coil,
and no external 'control' is necessary.*


090169 Shutdown Solenoid

Replacing: 200124e3u1b2s2

24 V, 0.3 Amp/ hold, 23 Amp/ pull,
Thread size 6.00, Hold rating 178N,
Pull rating 75N at 25.40 mm,
Return spring 35N, Thread type mm,
Mount. type Flange/bracket,
Elect. connection Plug, Function Pull,
Switch Internal, Plunger External,
Aux terminal Yes

*This solenoid can switch off the pull coil,
and no external 'control' is necessary.*


090210 Shutdown Solenoid

Replacing: 1751-12A3U1B1S1A

12 V, 1.1 Amp/ hold, 46 Amp/ pull,
Thread size 1/4"-28 stud.,
Hold rating 178N, Pull rating 89N at 25.40 mm,
Return spring 9N, Thread type Inches,
Mount. type Flange/bracket,
Elect. connection Plug, Function Pull,
Switch Internal, Plunger Internal,
Aux terminal Yes

*This solenoid can switch off the pull coil,
and no external 'control' is necessary.*


090224 Shutdown Solenoid

Replacing: sa3405t, 150212c7u2b2s7
 12 V, 0.25 Amp/ hold, 17 Amp/ pull,
 Thread size 6.00, Hold rating 89N,
 Pull rating 40N at 25.40 mm,
 Return spring 17N, Thread type mm,
 Switch Internal, Plunger Internal
*This solenoid can switch off the pull coil,
 and no external 'control' is necessary.*


090268 Shutdown Solenoid

Replacing: SA-5157, SA-5019, SA-4668-S,
 1503ES-12A5UC9SCG28, 1503ES-12A5UC9SCC28
 Servicing: Kubota 5 series
 12 V, 0.49 Amp/ hold, 36.5 Amp/ pull,
 Thread size 0.155, Thread type Inches,
 Switch Internal, Plunger Internal
*This solenoid can switch off the pull coil,
 and no external 'control' is necessary.*


090297 Shutdown Solenoid

Replacing: 175124A2U1BS1A, 1751 24A2U1BS1A
 24 V, 1.1 Amp/ hold, 46 Amp/ pull,
 Thread size 6.00, Hold rating 169N,
 Pull rating 107N at 25.40 mm,
 Return spring 7-11N, Thread type mm,
 Switch Internal, Plunger External,
 Aux terminal No
*This solenoid can switch off the pull coil,
 and no external 'control' is necessary.*


090317 Shutdown Solenoid

24 V, 0.3 Amp/ hold, 20 Amp/ pull,
 Hold rating 245N, Return spring 45N,
 Pull rating 98N at 32.00 mm, Switch Internal,
 Plunger Internal, Coil commander w/
*This solenoid can switch off the pull coil,
 and no external 'control' is necessary.*


090318 Shutdown Solenoid

12 V, 0.65 Amp/ hold, 37 Amp/ pull,
 Hold rating 245N, Return spring 45N,
 Pull rating 98N at 32.00 mm,
 Switch Internal, Plunger Internal
*This solenoid can switch off the pull coil,
 and no external 'control' is necessary.*


090334 Shutdown Solenoid

Replacing: SA-3991-12
 Servicing: Sisu Diesel 8366 40253
 12 V, 1.1 Amp/ hold, 46.5 Amp/ pull,
 Hold rating 178N, Pull rating 89N, Switch
 Internal, Plunger Internal
*This solenoid can switch off the pull coil,
 and no external 'control' is necessary.*


090402 Shutdown Solenoid

Replacing: SA-4567T, 1503ES24A5UC5S
 Servicing: Kubota super 5 series
 24 V, 0.59 Amp/ hold, 19.6 Amp/ pull,
 Thread size 0.154, Thread type Inches,
 Switch Internal, Plunger Internal
*This solenoid can switch off the pull coil,
 and no external 'control' is necessary.*

Kits

Externally Switched


090095 Solenoid Shutdown Kit

Replacing: sa-3742-12
 12 V, 1.1 Amp/ hold, 46 Amp/ pull,
 Hold rating 178N,
 Pull rating 89N at 25.40 mm,
 Mount. type Flange/bracket,
 Mount. side Left,
 Elect. connection Cable, Function Pull,
 Switch External
*This solenoid can't switch off by itself, it
 will have to be controlled externally.*


090096 Solenoid Shutdown Kit

Replacing: sa-3799-12
 12 V, 1.1 Amp/ hold, 46 Amp/ pull,
 Hold rating 178N,
 Pull rating 89N at 25.40 mm,
 Mount. type Flange/bracket,
 Mount. side Right,
 Elect. connection Cable, Function Pull,
 Switch External
*This solenoid can't switch off by itself, it
 will have to be controlled externally.*


090099 Solenoid Shutdown Kit

Replacing: sa-3742-24
 24 V, 0.5 Amp/ hold, 25 Amp/ pull,
 Hold rating 178N,
 Pull rating 89N at 25.40 mm,
 Mount. type Flange/bracket,
 Mount. side Left,
 Elect. connection Cable, Function Pull,
 Switch External
*This solenoid can't switch off by itself, it
 will have to be controlled externally.*


090100 Solenoid Shutdown Kit

Replacing: sa-3799-24

24 V, 0.5 Amp/ hold, 25 Amp/ pull,
Hold rating 178N,
Pull rating 89N at 25.40 mm,
Mount. type Flange/bracket,
Mount. side Right,
Elect. connection Cable, Function Pull,
Switch External

This solenoid can't switch off by itself, it will have to be controlled externally.


090103 Solenoid Shutdown Kit

Replacing: sa-4014-12

Servicing: Nippondenso, Zexel

12 V, 1.1 Amp/ hold, 55 Amp/ pull,
Hold rating 178N,
Pull rating 89N at 25.40 mm,
Mount. type Flange/bracket,
Mount. side Left,

Elect. connection Cable, Function Pull,
Switch External

This solenoid can't switch off by itself, it will have to be controlled externally.


090104 Solenoid Shutdown Kit

Replacing: sa-3999-12

Servicing: Nippondenso, Zexel

12 V, 1.1 Amp/ hold, 55 Amp/ pull,
Hold rating 178N,
Pull rating 89N at 25.40 mm,
Mount. side Right,

Elect. connection Cable, Function Pull,
Switch External

This solenoid can't switch off by itself, it will have to be controlled externally.


090105 Solenoid Shutdown Kit

Replacing: sa-4014-24

Servicing: Nippondenso, Zexel

24 V, 0.63 Amp/ hold, 29 Amp/ pull,
Hold rating 178N,
Pull rating 89N at 25.40 mm,
Mount. side Left,

Elect. connection Cable, Function Pull,
Switch External

This solenoid can't switch off by itself, it will have to be controlled externally.


090106 Solenoid Shutdown Kit

Replacing: sa-3999-24

Servicing: Nippondenso, Zexel

24 V, 0.63 Amp/ hold, 29 Amp/ pull,
Hold rating 178N,
Pull rating 89N at 25.40 mm,
Mount. side Right,

Elect. connection Cable, Function Pull,
Switch External

This solenoid can't switch off by itself, it will have to be controlled externally.


090107 Solenoid Shutdown Kit

Replacing: sa-4026-12

12 V, 1.1 Amp/ hold, 55 Amp/ pull,
Hold rating 178N,

Pull rating 89N at 25.40 mm,
Mount. side Left,

Elect. connection Multiplug,
Switch External

This solenoid can't switch off by itself, it will have to be controlled externally.


090108 Solenoid Shutdown Kit

Replacing: sa-4026-24

24 V, 0.63 Amp/ hold, 29 Amp/ pull,
Hold rating 178N,
Pull rating 89N at 25.40 mm,
Mount. side Left,

Elect. connection Multiplug,
Function Pull, Switch External

This solenoid can't switch off by itself, it will have to be controlled externally.

Internally Switched

090097 Solenoid Shutdown Kit

Replacing: sa-3765-12

12 V, 1.1 Amp/ hold, 46 Amp/ pull,
Hold rating 178N,
Pull rating 89N at 25.40 mm,

Mount. type Flange/bracket,
Mount. side Left, Elect. connection Plug,
Function Pull, Switch Internal

This solenoid can switch off the pull coil, and no external 'control' is necessary.


090098 Solenoid Shutdown Kit

Replacing: sa-3800-12

12 V, 1.1 Amp/ hold, 46 Amp/ pull,
Hold rating 178N,

Pull rating 89N at 25.40 mm,
Mount. side Right, Elect. connection Plug,
Function Pull, Switch Internal

This solenoid can switch off the pull coil, and no external 'control' is necessary.



090101 Solenoid Shutdown Kit
 Replacing: sa-3765-24
 24 V, 0.5 Amp/ hold, 25 Amp/ pull,
 Hold rating 178N, Pull rating 89N at 25.40 mm,
 Mount. side Left, Elect. connection Plug,
 Function Pull, Switch Internal
*This solenoid can switch off the pull coil,
 and no external 'control' is necessary.*



090102 Solenoid Shutdown Kit
 Replacing: sa-3800-24
 24 V, 0.5 Amp/ hold, 25 Amp/ pull,
 Hold rating 178N, Pull rating 89N at 25.40 mm,
 Elect. connection Plug, Function Pull,
 Switch Internal
*This solenoid can switch off the pull coil,
 and no external 'control' is necessary.*

Pull Coil Timers



090115 Pull Coil Timer
 12 V, No./ wires 3



090116 Pull Coil Timer
 24 V, No./ wires 3



090116 Pull Coil Timer
 Replacing: SA-4092-24
 24 V, No./ wires 3

Sundry Parts

Various



133370 Terminal Lead
 Servicing: M8
 ID 8.45, Lead length 107.55



133371 Terminal Lead
 Servicing: M8
 ID 8.45, Lead length 106.45



133372 Terminal Lead
 ID 8.45, Lead length 106.75
 M8.



133390 Terminal Lead
 Servicing: M8
 ID 8.50, Lead length 60.00



133505 Terminal Lead
 ID 8.40, Lead length 39.50
 M8.



133506 Terminal Lead
 ID 8.50, Lead length 52.65
 M8.



134064 Terminal Lead
 ID 8.40, Lead length 53.00
 M8.



134921 Terminal Lead
 ID 10.35, Lead length 68.20
 M10.



135203 Terminal
 Servicing: M8



136766 Terminal Lead
 ID 8.45, Lead length 67.25
 M8.



140398 Brush Leader

Length 1000.00, Thickness 2.50



140399 Brush Leader

Length 1000.00, Thickness 6.00



140400 Brush Leader

Length 1000.00, Thickness 10.00



140704 Brush Leader

Length 1000.00, Thickness 16.00

Pkg. 10



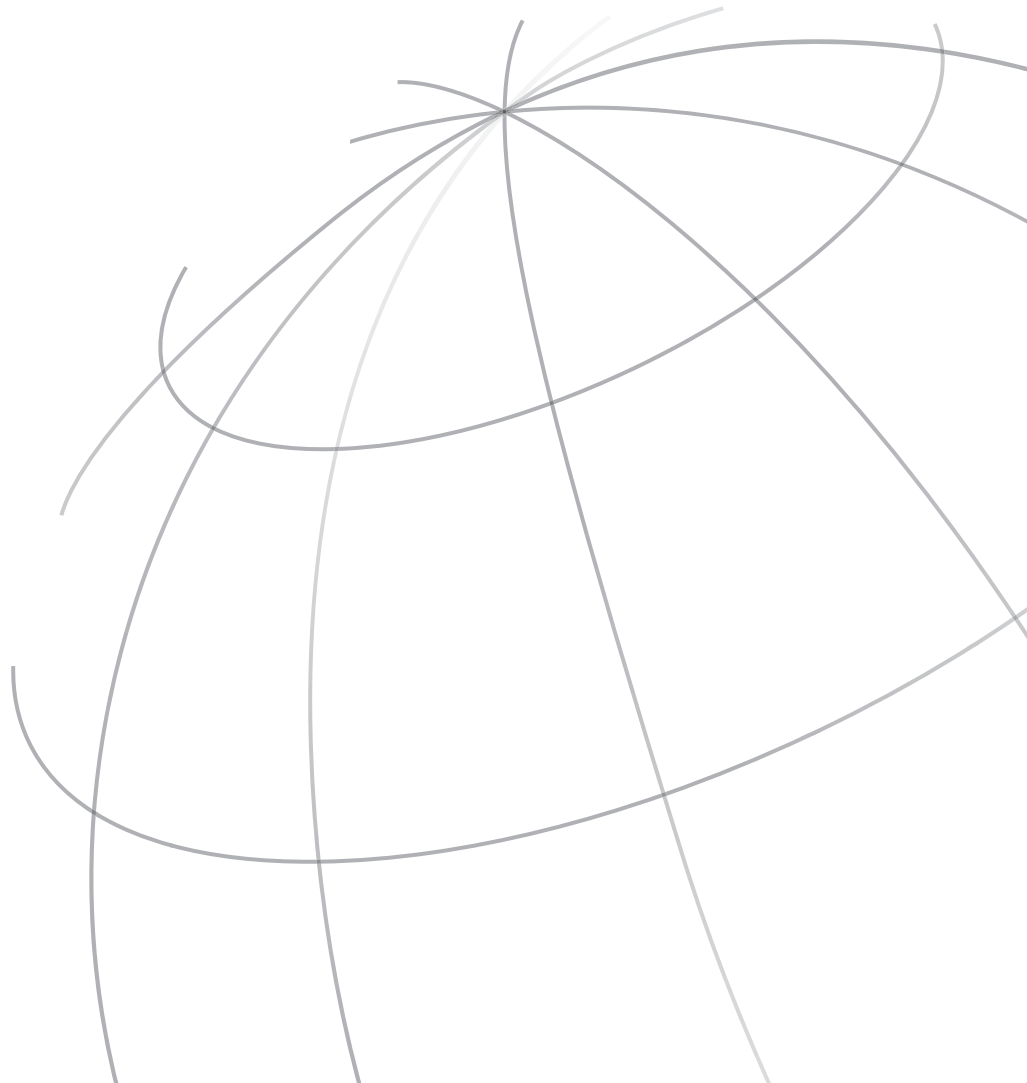
230793 Terminal Lead

ID 8.50, Lead length 106.80
MB.

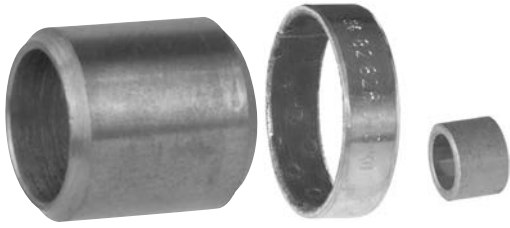


Survey Bushing

Edition 2015/2016



Bushings



ID	OD	Length	HC-CARGO
4.00	7.00	7.40	140952
5.02	7.97	7.15	142015
5.20	9.00	9.00	141117
6.00	8.79	11.65	142044
6.00	10.20	8.20	140615
6.02	9.00	7.10	140499
6.04	9.81	7.04	140992
6.05	10.02	8.30	140497
6.05	12.00	11.07	142068
6.10	8.75	10.65	140939
6.10	10.00	7.45	140787
6.10	10.00	9.95	141046
6.15	10.00	6.85	141132
6.16	10.00	8.91	140993
6.84	11.00	8.00	140994
7.00	11.95	8.50	142014
7.02	9.50	9.25	141249
7.02	10.00	6.10	140734
7.06	11.99	10.00	140991
7.07	9.60	10.00	141105
7.09	9.51	11.20	140788
7.10	9.50	8.20	331981
7.12	9.60	8.10	140965
8.01	11.12	8.00	141118
8.02	11.50	9.98	140947
8.02	11.51	11.43	140916
8.07	11.06	9.50	332877
8.09	11.12	10.00	140250
8.10	11.12	8.00	140249
8.10	11.90	9.10	140941
8.10	12.00	6.80	141047
8.10	12.00	8.75	140653
8.12	11.55	9.00	141091
8.12	12.12	11.44	140970
8.12	12.45	10.00	140987
8.15	10.90	11.25	141148
8.15	11.00	8.25	141134
8.15	11.50	11.25	141145
8.15	13.00	8.34	140648
8.50	11.70	10.00	141227
8.60	11.00	10.95	134772
9.00	11.00	15.10	251409#
9.05	13.00	8.50	142022
9.20	13.05	13.35	141133
9.35	11.98	12.46	237666
9.60	12.70	9.62	141217
9.60	14.30	9.45	141050
9.87	14.03	12.00	140915
9.90	16.60	8.05	140940
9.95	14.00	14.75	140691
10.00	11.62	14.15	142025
10.00	13.95	8.55	141074
10.00	14.00	10.00	140842

ID	OD	Length	HC-CARGO
10.00	14.00	12.00	140319
10.00	14.00	13.50	140156
10.00	14.00-15.00	25.00	080162
10.00	14.05	9.35	141122
10.00	19.05	12.25	141215
10.03	13.04	13.00	140258
10.03	14.00	10.00	141202
10.03	14.00	12.50	140555
10.03	16.02	10.00	140988
10.03	16.10	12.50	140911
10.03	16.55	10.35	140248
10.04	16.55	13.80	141061
10.05	16.55	11.50	140204
10.06	13.04	16.00	140259
10.06	14.05	13.00	140155
10.07	13.05	12.00	140038
10.07	16.55	14.60	140563
10.08	14.02	13.50	140050
10.08	14.02	15.00	140047
10.08	14.09	13.00	140014
10.10	12.95	10.45	140731
10.10	12.98	12.00	332635
10.10	14.00	12.00	141146
10.10	14.00	9.55	141119
10.10	14.04	9.60	140430
10.10	15.01	10.00	141032
10.10	15.50	10.40	140424
10.11	14.04	9.90	140208
10.18	14.06	12.30	141025
10.75	12.35	21.00	140998
10.81	12.66	21.00	141027
10.95	13.06	13.10	141220
10.97	13.62	19.90	140937
11.00	13.00	12.60	141150
11.00	13.00	12.60	141149#
11.00	13.00	17.55	140466
11.00	13.10	10.20	332325
11.00	13.60	13.80	140008
11.00	14.70	12.80	140425
11.01	12.10	15.30	141221
11.02	14.00	13.00	140428
11.03	13.23	12.70	141153
11.03	13.54	9.00	140929
11.03	13.55	20.00	140997#
11.05	14.72	11.00	140427
11.05	14.72	8.00	140426
11.06	13.03	13.00	140320
11.07	14.05	8.50	141165
11.07	15.08	15.00	140314
11.10	12.60	11.50	140028
11.10	12.60	11.50	140853
11.14	14.34	9.00	141014
11.15	13.97	13.90	141092
11.15	14.70	9.80	141011
11.15	15.85	16.30	140056
11.17	15.85	12.60	140663
11.17	15.86	12.70	140660
11.18	15.85	18.85	140666
11.20	15.85	12.35	140103
11.52	15.08	13.00	140315
11.53	13.50	23.00	140690
11.55	15.10	14.00	140309
11.60	13.40	12.30	140627

ID	OD	Length	HC-CARGO	ID	OD	Length	HC-CARGO
11.60	14.08	13.00	140435	12.50	16.00	20.00	141206
11.75	13.40	11.00	140622	12.51	18.24	12.68	141051
11.90	13.00	18.20	141271	12.52	16.00	15.00	140310
11.95	13.15	18.40	141123	12.53	14.02	10.50	140583
11.97	15.24	19.05	140187	12.53	15.10	9.80	140694
11.99	15.11	18.67	140186	12.53	15.50	10.50	140333
12.00	13.17	12.75	140183	12.53	16.05	12.00	140311
12.00	13.20	16.15	140621	12.54	14.72	14.00	140326
12.00	14.00	11.90	140858	12.54	16.53	14.00	140143#
12.00	15.00	11.90	142041	12.54	16.55	10.50	140328
12.00	15.00	12.00	140040	12.54	16.55	14.00	140325
12.00	15.06	16.00	140501	12.55	14.00	19.00	141136
12.00	15.10	10.50	140192	12.55	16.50	10.60	140423
12.00	15.40	10.00	142027	12.55	16.52	7.85	140984
12.00	16.00	10.05	141075	12.55	19.04	13.45	141077
12.00	16.00	13.90	140048	12.55	19.05	11.90	141078
12.00	16.00	16.90	140046	12.56	16.55	14.00	140012
12.00	16.00	19.40	140374	12.56	16.60	6.00	332820
12.00	16.30	22.50	140307	12.57	16.55	15.80	140016
12.01	13.11	15.60	140467	12.57	16.60	10.00	140856
12.02	16.00	10.96	141252	12.58	16.03	11.90	141135
12.02	16.00	9.50	140429	12.59	16.55	18.00	140010
12.03	13.50	18.79	140625	12.60	15.50	12.80	140579
12.03	14.00	20.85	140729	12.60	16.56	11.50	140003
12.03	16.02	17.00	140269	12.60	18.55	19.70	140200
12.04	15.13	10.20	140844	12.62	14.00	19.30	140584
12.04	16.00	16.00	140436	12.63	14.10	10.50	140645
12.05	13.18	20.40	140189	12.70	14.40	12.80	140582
12.05	14.13	15.90	140730	12.70	15.80	11.40	141216
12.05	15.07	13.50	140041	12.73	15.94	20.62	140217
12.05	15.10	7.80	140665	12.74	15.85	19.00	140052
12.06	15.04	10.00	140496	12.75	14.30	19.85	140185
12.06	15.56	5.50	140870	12.75	19.14	14.00	140656
12.07	15.05	14.05	140662	12.76	15.84	12.70	140054
12.07	15.05	20.00	140064	12.76	15.91	16.50	140144
12.07	15.07	12.01	140533	12.77	14.36	17.40	140207
12.07	16.02	11.30	140270	12.78	15.95	19.00	141157
12.08	14.09	13.90	140018	12.80	15.95	14.00	140657
12.08	15.07	16.90	140057	12.83	14.90	21.50	140586
12.08	15.55	5.50	332864	12.90	14.44	17.79	140629
12.09	14.03	22.90	142009	13.00	15.15	12.40	141124
12.09	15.08	19.00	140689	13.00	16.00	15.90	141127
12.09	16.00	12.00	140268	13.03	16.00	16.00	140519
12.09	16.11	14.00	140017	13.04	15.04	12.00	140157
12.10	13.50	11.50	140857	13.04	15.05	14.50	140042
12.10	13.57	11.50	140854	13.04	15.05	21.00	141243
12.10	13.60	13.50	140029	13.20	19.10	11.90	141226
12.10	15.05	15.00	140043	13.25	16.85	16.20	232518#
12.10	16.03	5.50	141198	13.40	13.60	22.20	140623
12.10	16.12	16.00	140009	13.80	19.20	20.15	140308
12.11	14.08	14.00	140036	13.95	16.05	15.90	141128
12.11	14.10	12.00	140500	13.98	18.00	16.30	140464
12.11	16.01	24.00	140049	14.00	16.20	21.20	140329
12.12	14.00	21.00	141095	14.00	17.00	15.00	140485
12.12	15.04	13.90	141031	14.00	17.00	16.00	140906
12.13	13.62	11.50	140030	14.00	18.00	17.00	140313
12.13	13.62	20.00	140782	14.00	18.00	20.00	140316
12.16	13.20	12.65	140262	14.00	18.05	6.40	142028
12.16	13.84	20.00	141056	14.02	15.60	16.00	140775
12.20	15.15	8.40	141115	14.02	18.04	17.00	141208
12.23	14.36	15.70	140322	14.03	17.00	16.20	140601
12.40	16.55	10.40	141237	14.03	17.50	19.00	140521
12.47	15.85	18.00	140996	14.04	20.02	10.00	140006

STARTER PARTS

ID	OD	Length	HC-CARGO	ID	OD	Length	HC-CARGO
14.05	17.48	19.00	140487#	15.96	19.11	11.90	140188
14.05	18.03	16.00	140684	15.97	19.12	19.00	140053
14.05	18.05	15.00	140667	16.00	19.15	15.00	140066
14.06	17.06	19.70	140058	16.00	20.00	10.00	140119
14.06	18.03	14.00	140019	16.00	20.00	8.00	140440
14.07	18.05	20.15	140065	16.00	22.30	17.05	141028
14.08	17.58	15.00	140004	16.02	18.50	7.00	140736#
14.08	20.03	17.00	140203	16.05	20.04	24.90	140670
14.10	20.05	10.00	140855	16.05	21.10	16.90	140489
14.13	18.05	13.39	141064	16.09	18.00	22.00	140221
14.16	18.10	11.15	140999	16.09	20.07	11.00	140805
14.16	20.06	12.00	140202	16.12	22.00	19.00	140109
14.20	16.04	10.60	140908	16.25	22.02	29.00	140110
14.20	16.20	15.70	140323	16.27	19.15	15.00	140264
14.20	16.30	19.80	140330	16.35	18.20	19.95	251413#
14.23	16.85	10.00	141204	16.50	20.00	8.00	141013
14.25	17.25	9.15	141151	16.52	19.10	20.00	141235
14.27	17.26	12.45	140321	16.67	19.60	19.00	140140
14.30	15.91	16.49	140181	16.67	19.60	19.00	140172
14.30	16.00	11.50	140033	17.00	19.00	19.70	140777
14.30	16.00	13.70	140031	17.00	20.00	8.00	140505
14.30	16.02	17.00	140862	17.03	18.75	25.00	141016
14.30	16.05	9.95	141161	17.05	21.05	20.00	140068
14.30	17.49	17.97	141201	17.07	21.05	22.00	140658
14.30	17.53	19.00	140215	17.08	21.05	24.00	140680
14.30	19.10	12.50	142084	17.10	19.05	19.96	140835
14.31	19.11	19.20	140071	17.10	20.10/25.30	13.50	141228
14.32	17.62	22.20	140688	17.10	22.20	16.20	141131
14.33	18.05	18.00	140977	17.30	18.85	24.90	141072#
14.34	16.04	20.39	140867	17.50	20.10	7.60	140306
14.35	17.26	12.50	141076	17.50	22.30	28.45	140478
14.36	16.02	10.00	140035	17.53	20.65	17.81	140194
14.36	16.02	23.50	140866	17.60	20.90	7.40	142057
14.38	15.90	17.20	140184	17.60	21.60	9.40	140027
14.39	16.00	18.00	140261	17.93	22.10	7.05	141099
14.40	15.10	25.90	140626	18.00	20.08	25.95	142061
14.41	19.19	24.59	140070	18.00	21.00	8.90	142011
14.43	17.31	13.20	141222	18.00	22.10	8.00	140251
14.44	16.00	15.20	140865	18.01	22.24	5.93	140928
14.50	16.05	25.75	140628	18.02	22.04	5.93	140711
14.50	18.00	15.00	140757	18.03	22.10	6.00	140252
14.52	18.00	17.00	140756	18.03	22.10	7.00	141096
15.00	18.50	11.20	140792	18.03	23.00	9.20	141017
15.00	20.00	19.85	140527	18.05	22.04	5.00	140498
15.03	19.02	19.90	140517	18.05	24.05	19.25	141140
15.03	20.00	16.00	140318	18.06	20.98	8.97	142067
15.07	18.20	14.00	140948#	18.06	20.98	8.97	142083
15.10	22.04	12.70	140005	18.08	22.06	4.95	141160
15.11	18.20	22.20	140062	18.08	23.05	9.30	141197
15.18	18.12	11.90	140614	18.12	22.04	6.79	140927
15.20	17.15	14.00	134894	18.12	22.10	7.10	140869
15.45	17.00	9.85	140624	18.13	24.02	28.00	140211
15.70	19.10	7.00	140950	18.16	23.05	7.43	140654
15.75	19.50	10.00	140962	18.25	22.05	6.70	141139
15.77	17.02	9.81	140964	18.80	20.00	11.00	140484
15.80	20.00	12.55	141214	18.93	22.09	9.00	140779
15.85	20.65	17.30	141129	19.00	20.50	18.50	140182
15.90	17.50	14.20	140193	19.00	20.75	20.15	140060#
15.90	19.10	15.20	140553	19.00	22.00	18.00	140776
15.90	19.10	24.40	141158	19.00	22.30	6.30	140843
15.93	19.20	21.92	140074	19.00	23.00	19.00	140520
15.95	19.13	18.00	140173	19.00	23.00	20.00	140449
15.95	19.15	14.00	140257	19.00	23.02	25.00	140959

ID	OD	Length	HC-CARGO	ID	OD	Length	HC-CARGO
19.00	23.50	10.00	141264	23.25	28.55	5.00	141073
19.03	22.05	9.00	140846	23.55	27.00	5.85	140698
19.05	25.40	19.05	140403	23.85	27.00	5.65	141182
19.06	22.55	14.00	140758	23.90	29.30	5.95	140697
19.10	19.10	19.93	140836	23.93	29.30	6.03	140774
19.10	22.25	20.50	140661	24.00	25.40	10.65	141241
19.10	23.10	13.00	140026	24.20	29.00	18.00	140452
19.10	25.45	19.00	141143	24.90	32.00	17.85	140745
19.11	20.70	17.90	140059	25.02	30.04	15.00	140683
19.11	23.08	9.80	140025	25.03	32.07	20.00	140669
19.12	25.10	12.80	140151	25.47	28.65	21.60	140212
19.13	23.05	13.20	140859	25.50	28.65	17.30	140594
19.13	25.09	10.00	140020	25.60	31.80	8.85	141126#
19.15	22.20	20.35	140102	26.10	30.40	11.35	140256
19.19	31.81	10.29	140404	26.10	32.10	11.60	140692
19.22	22.53	11.00	141207	27.05	35.07	14.40	140671
19.30	22.60	19.25	140406	27.16	31.14	5.63	140572
19.35	20.60	9.50	140944	27.78	32.00	28.00	140450
20.00	22.20	26.80	141191	28.30	33.00	26.35	140154
20.01	25.00	10.80	140905#	28.30	35.70	10.00	140312
20.02	24.03	5.00	140735	28.35	32.25	10.00	140850
20.02	24.06	12.00	140067	28.56	31.77	13.00	140659
20.04	24.05	16.00	140676	30.10	35.00	22.95	140778
20.05	28.05	29.00	140672	30.10	37.08	25.00	140864#
20.05	28.07	24.90	140673	34.50	39.17	41.80	140007
20.10	24.07	18.00	140679	34.50	40.15	43.00	140107
20.10	25.10	8.65	141137#	34.80	44.10	42.75	140114
20.12	25.12	9.25	140995	34.90	39.30	47.00	140171
20.20	25.10	10.65	141138	35.15	44.00	39.55	140578#
20.25	23.30	21.05	140832	35.48	39.10	34.00	141004#
20.31	24.00	13.90	140201	35.56	38.22	21.87	140838#
20.35	26.50	12.50	140317	35.80	39.50	47.80	141003
20.50	26.55	11.90	141141	40.12	48.04	10.50	140011
21.03	25.00	11.80	141212			20.00	080161
21.09	24.70	4.30	141055			30.50	080165
21.25	24.38	25.10	140206			33.50	080232
21.30	24.50	31.75	140477			40.50	080163
21.65	25.05	27.00	140169#				140104
21.67	26.46	12.55	140909#				140472
21.92	28.05	18.00	141097				140473
22.00	26.00	11.95	140949				140526
22.02	26.28	5.19	140696				140528
22.05	25.45	33.60	140746				140531
22.05	26.05	28.00	140170				140534#
22.07	26.00	5.19	141082				140535#
22.14	28.07	11.20	140111				140536
22.22	28.60	31.75	140402				140537
22.25	28.65	29.90	141144				140539
22.30	28.60	9.00	141048				140540
22.34	26.70	5.50	142047				140541
22.35	26.25	34.00	140664				140543
22.35	26.70	9.00	140942				140590
22.40	26.70	8.10	141125				140592
22.68	25.70	25.00	140214				140593
22.71	28.50	5.90	140554				140646
22.80	27.05	5.75	140938				140655
22.85	28.65	5.80	141154				140827
23.02	28.60	4.05	140847				142000
23.04	26.07	8.45	141238				
23.05	28.50	3.95	141155				
23.05	28.64	3.76	141205				
23.05	28.64	3.80	141080				
23.10	27.05	20.00	140397				

STARTER PARTS

Mounting Bushings

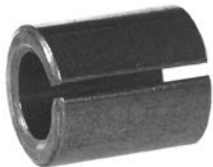


Type A



ID	OD	Length	HC-CARGO
8.40	13.40	15.40	231520
10.00	18.30	18.00	137801
10.10	18.30	15.40	231309
12.00	19.50	16.20	134783#

Type B



ID	OD	Length	HC-CARGO
8.00	13.05	11.00	230220#
8.00	13.05	20.00	134774
8.00	13.50	20.00	136461
8.00	14.00	20.00	134775
8.00	18.00	22.00	137379#
8.00	21.00	20.00	138088#
8.20	13.60	20.00	135211#
8.50	18.07	20.00	138086
8.60	15.30	15.30	134278
10.00	15.00	13.00	139966
10.00	15.00	18.00	134964
10.00	16.50	15.30	134277
10.00	17.00	20.00	233338
10.00	18.10	20.00	137263
10.00	19.03	18.30	137400
10.20	20.20	22.00	230508
10.20	21.00	18.00	139245
10.30	21.00	22.00	137262
10.50	17.10	16.00	234575
10.84	21.07	29.57	234265
12.00	19.70	22.00	134782
12.20	21.10	27.00	137408
12.30	18.00	27.00	137461
12.30	18.08	22.00	137343
12.50	21.00	22.00	230079
12.50	21.20	25.00	138240
12.70	22.23	20.30	232737
13.30	21.15	20.00	138241
13.35	19.35	20.30	233276#
13.40	21.30	27.00	139968

Type C



ID	OD	Length	HC-CARGO
8.00	13.00	21.00	138451
8.30	17.00/22.00	15.00	135281#
8.40	14.00	13.00	135216
9.00	11.00/20.00	8.00	138243
10.00	16.50/22.00	20.70	135421
10.10	16.60	16.00	134676
10.20	14.00	17.80	138435
10.20	16.80/21.50	13.00	230910
10.40	16.50/26.00	13.00	233569
10.50	15.50	18.30	234825
10.50	15.50/22.50	18.20	232669
10.50	17.00/22.00	15.00	134276
10.60	22.40	20.15	233313#
11.00	14.00/21.50	8.10	138089
11.00	18.60	26.00	234713
M12	16.15	20.90	139621

Type D



ID	OD	Length	HC-CARGO
8.80	15.00	25.00	232063
8.85	13.50	25.20	139747
10.00	16.00	21.00	137497
10.00	16.00-22.00	20.00	232742
10.00	16.00-22.00	21.00	232745
10.00	18.20/22.00	15.00	231560
10.30	17.90/25.00	26.50	138245
10.35	18.00/21.90	21.10	138091
10.45	18.00	17.50	138090
10.50	18.00/24.90	26.50	139592
10.60	18.00	20.00	138244
.....	18.00	21.00	233574

Type F



ID	OD	Length	HC-CARGO
M10	17.96	19.01	235788
.....	18.00	20.00	137575
.....	21.00	20.00	231257

Type G


ID	OD	Length	HC-CARGO
M10-1.50.....	18.70.....	23.50	233658#
.....	18.30.....	23.00	133752
.....	18.50.....	21.00	234835

Type H


ID	OD	Length	HC-CARGO
.....	21.00.....	25.00	233920
.....	21.00.....	32.00	138087

Type J


ID	OD	Length	HC-CARGO
10.50.....	18.00.....	13.00	136932
10.50.....	18.00.....	16.00	134792

Type K


ID	OD	Length	HC-CARGO
9.43.....	14.87.....	12.99	330706#

Mounting Bushing Kit


ID	OD	Length	HC-CARGO
8.00.....	10.80.....	8.00	132573
8.00.....	15.00.....	25.00	131820
8.15.....	15.00.....	56.00	133641
8.20.....	15.00.....	51.00	131821
10.00.....	13.00.....	5.00	131604
10.00.....	13.20.....	7.15	131608
10.00.....	14.50.....	9.00	131607
10.40.....	18.50.....	12.20	137756
10.50.....	18.30.....	14.90	137757
12.30.....	21.00.....	29.00	132572
M10.....	14.85.....	12.55	131605
M10.....	16.60.....	12.00	131606



Assortments

Edition 2015/2016

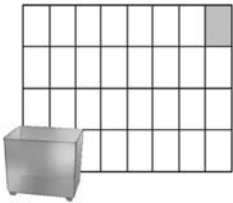


Assortment Box and Inserts

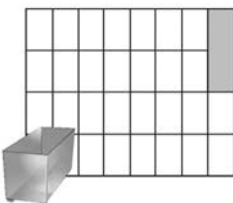


200663 Std pkg 6
 Profi Service Case, empty.
 Can be divided using inserts.
 Dim.: 340 x 265 x 57 mm.
 Polypropylene (Unbreakable).

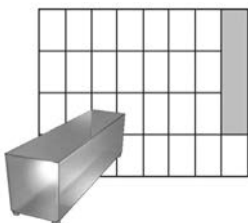
INSERTS FOR ASSORTMENT BOXES
 Polypropylene (Unbreakable)



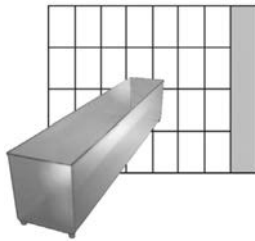
200664 Std pkg 96
 Dim.: 55 x 40 x 45 mm.



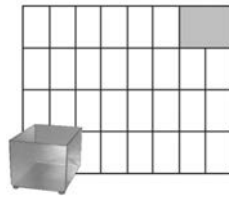
200665 Std pkg 48
 Dim.: 110 x 40 x 45 mm.



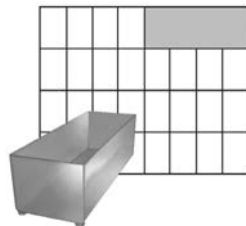
200666 Std pkg 30
 Dim.: 165 x 40 x 45 mm.



200667 Std pkg 24
 Dim.: 220 x 40 x 45 mm.



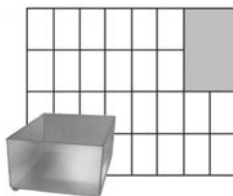
200668 Std pkg 48
 Dim.: 55 x 80 x 45 mm.



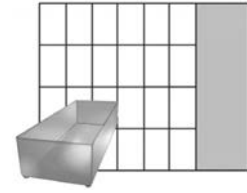
200669 Std pkg 24
 Dim.: 55 x 160 x 45 mm.



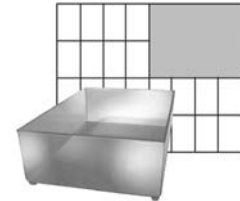
200670 Std pkg 15
 Dim.: 55 x 240 x 45 mm.



200671 Std pkg 24
 Dim.: 110 x 80 x 45 mm.



200672 Std pkg 12
 Dim.: 220 x 80 x 45 mm.



200673 Std pkg 12
 Dim.: 110 x 160 x 45 mm.




200676
 Display for 4 Profi Service Cases.
 Dim.: 330 x 360 x 200 mm




200693
 Display for 4 Profi service cases.
 Dim.: 313 x 373 x 265 mm
 Can be assembled horizontally or vertically.

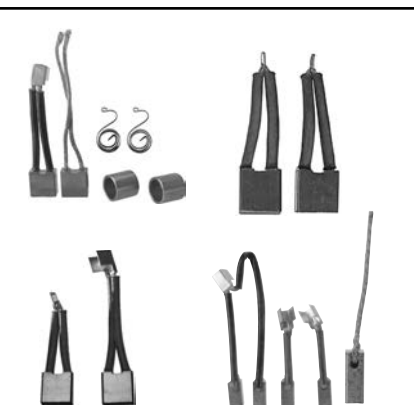
Solenoid Parts / Denso				803004	
HC-CARGO	Item	Qty.	HC-CARGO	Item	Qty.
131830	Copper Contact Kit	2	139047	Contact Kit	2
131831	Copper Contact Kit	2	139494	Contact Kit	2
131832	Copper Contact Kit	2	139532	Contact Kit	2
131833	Copper Contact Kit	2	139046	Contact Kit	2
132563	Plunger	1			
132565	Contact Kit	2			
132567	Contact Kit	2			
132568	Contact Kit	2			
132570	Plunger	1			
133602	Contact Kit	2			
133634	Contact Kit	2			
133635	Contact Kit	2			
135384	Contact Kit	2			
135385	Contact Kit	2			



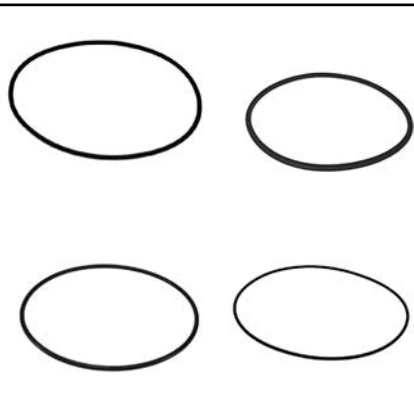
Various Brushes / DC Motors				803005	
HC-CARGO	Item	Qty.			
140164	Brush	10			
140408	Brush Set	4			
140410	Brush Set	4			
H106	Brush	6			
H26	Brush	10			
H54	Brush	10			
H56	Brush	10			
H5-6	Brush	10			
PL5	Brush	6			
SW126	Brush	10			



Terminal Leads				803006	
HC-CARGO	Item	Qty.			
133370	Terminal lead 6 mm ²	5			
133371	Terminal lead 8 mm ²	5			
133372	Terminal lead 10 mm ²	5			
133390	Terminal lead 8 mm ²	5			
133505	Terminal lead 6 mm ²	5			
133506	Terminal lead 6 mm ²	5			
134064	Terminal lead 8 mm ²	5			
134921	Terminal lead 8 mm ²	5			
140398	Brush lead 3 mm ²	1			
140399	Brush lead 6 mm ²	1			
140400	Brush lead 10 mm ²	1			
140704	Brush lead 16 mm ²	1			



Various O-rings				803007	
HC-CARGO	Item	Qty.	HC-CARGO	Item	Qty.
132659	O-Ring	5	134486	O-Ring	10
132660	O-Ring	10	134487	O-Ring	10
132891	O-Ring	10	134488	O-Ring	10
132892	O-Ring	5	134489	O-Ring	10
132893	O-Ring	10	134490	O-Ring	5
132900	O-Ring	5	134491	O-Ring	10
133040	O-Ring	5	134612	O-Ring	10
133597	O-Ring	5	134613	O-Ring	5
133598	O-Ring	5	134633	O-Ring	10
133717	O-Ring	5	134692	O-Ring	10
133965	O-Ring	5	134716	O-Ring	10
134482	O-Ring	10	134776	O-Ring	10
134484	O-Ring	10	134931	O-Ring	5
134485	O-Ring	10	134965	O-Ring	5



Bushings / Bosch

803012

HC-CARGO	Item	Qty.	HC-CARGO	Item	Qty.	HC-CARGO	Item	Qty.
140003	Bushing	10	140028	Bushing	10	140500	Bushing	10
140004	Bushing	10	140029	Bushing	10	140563	Bushing	10
140008	Bushing	10	140030	Bushing	10	140645	Bushing	10
140009	Bushing	10	140035	Bushing	10	B140250	Bushing	10
140010	Bushing	10	140140	Bushing	5			
140012	Bushing	10	140151	Bushing	5			
140016	Bushing	10	140203	Bushing	5			
140017	Bushing	10	140204	Bushing	10			
140018	Bushing	10	140208	Bushing	10			
140019	Bushing	10	140249	Bushing	10			
140020	Bushing	5	140251	Bushing	10			
140025	Bushing	10	140252	Bushing	10			
140026	Bushing	5	140261	Bushing	10			
140027	Bushing	10	140423	Bushing	10			



Various Special Bearings

803013

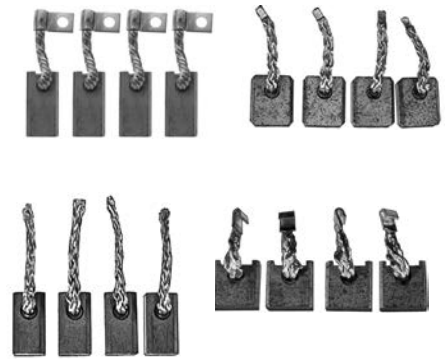
HC-CARGO	Item	Qty.	HC-CARGO	Item	Qty.
140222	Ball Bearing 608/2rs	5	140514	Needle Bearing	5
140223	Ball Bearing 6004/2rs	5	140630	Ball Bearing	2
140224	Ball Bearing 6902/2rs	5			
140225	Ball Bearing 6903/2rs	5			
140226	Ball Bearing 6904/2rs	5			
140227	Ball Bearing 6905/2rs	5			
140242	Needle Bearing	5			
140375	Needle Bearing	5			
140381	Needle Bearing	5			
140412	Ball Bearing	5			
140457	Needle Bearing	5			
140468	Needle Bearing	5			
140470	Needle Bearing	5			
140494	Needle Bearing	5			



Brushes 12V / Bosch

803018

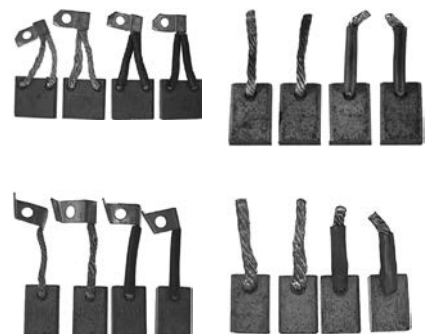
HC-CARGO	Item	Qty.	HC-CARGO	Item	Qty.
BSX124	Brush Set	2	BSX124F4	Brush Set	2
BSX754	Brush Set	2	BSX151s4	Brush Set	2
BSX964	Brush Set	2	BSX157-1584	Brush Set	2
BSX1024	Brush Set	2	BSX159-1604	Brush Set	2
BSX1044	Brush Set	2			
BSX764	Brush Set	2			
BSX134-1444	Brush Set	2			
BSX137-1434	Brush Set	2			
BSX1394	Brush Set	2			
BSX1404	Brush Set	2			
BSX175-1764	Brush Set	2			
BSX1494	Brush Set	2			
BSX97F4	Brush Set	2			
BSX98F4	Brush Set	2			



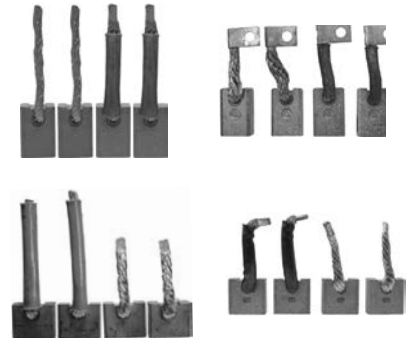
Brushes / Magneti Marelli

803021

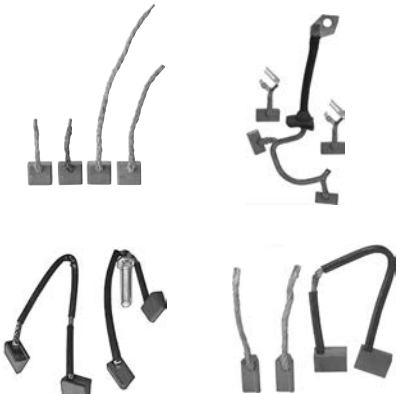
HC-CARGO	Item	Qty.	HC-CARGO	Item	Qty.
JSX134	Brush Set	2	MASX17-184	Brush Set	2
JSX162	Brush Set	2	MASX19-204	Brush Set	2
JSX184	Brush Set	2	MASX21-224	Brush Set	2
JSX194	Brush Set	2	MASX23-244	Brush Set	2
JSX21-22	Brush Set	2	MASX25-264	Brush Set	2
JSX23-24-28	Brush Set	2	MASX27-284	Brush Set	2
JSX31-32	Brush Set	2			
JSX33-344	Brush Set	2			
JSX35-364	Brush Set	2			
JSX35-374	Brush Set	2			
JSX52	Brush Set	2			
JSX94	Brush Set	2			
MASX13-144	Brush Set	2			
MASX15-164	Brush Set	2			



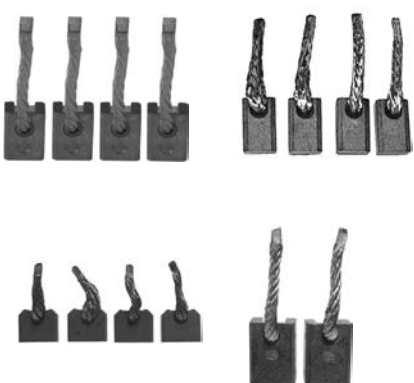
Brushes / Hitachi				803023	
HC-CARGO	Item	Qty.	HC-CARGO	Item	Qty.
140334	Brush Set	2	140597	Brush Set	2
140335	Brush Set	2			
140336	Brush Set	2			
140337	Brush Set	2			
140338	Brush Set	2			
140339	Brush Set	2			
140340	Brush Set	2			
140341	Brush Set	2			
140376	Brush Set	2			
140377	Brush Set	2			
140378	Brush Set	2			
140379	Brush Set	2			
140567	Brush Set	2			
140595	Brush Set	2			




Brushes / Lucas				803024	
HC-CARGO	Item	Qty.			
140480	Brush Set	2			
140481	Brush Set	2			
140511	Brush Set	2			
140513	Brush Set	2			
LASX15-164	Brush Set	2			
LASX15-274	Brush Set	2			
LASX22	Brush Set	2			
LASX2-34	Brush Set	2			
LASX314	Brush Set	2			
LASX364	Brush Set	2			
LASX37-38-39	Brush Set	2			
LASX40-412P	Brush Set	2			
LASX43-442	Brush Set	2			
LASX44-452P	Brush Set	2			
LASX73-412/1P	Brush Set	2			



Brushes / Denso				803029	
HC-CARGO	Item	Qty.	HC-CARGO	Item	Qty.
140356	Brush Set	2	140647	Brush Set	2
140357	Brush Set	2			
140358	Brush Set	2			
140359	Brush Set	2			
140360	Brush Set	2			
140361	Brush Set	2			
140362	Brush Set	2			
140363	Brush Set	2			
140364	Brush Set	2			
140393	Brush Set	2			
140396	Brush Set	2			
140566	Brush	2			
140570	Brush	2			
140602	Brush Set	2			



Brushes / Valeo				803032	
HC-CARGO	Item	Qty.	HC-CARGO	Item	Qty.
PSX115-1162	Brush Set	2	PSX77-784	Brush Set	2
PSX119-1202	Brush Set	2	PSX81-824	Brush Set	2
PSX122-123-124	Brush Set	2			
PSX1292/1P	Brush Set	2			
PSX1304	Brush Set	2			
PSX1324	Brush Set	2			
PSX1332	Brush Set	2			
PSX133K2	Brush Set	2			
PSX136-1374	Brush Set	2			
PSX138-1392	Brush Set	2			
PSX140-1414	Brush Set	2			
PSX144-145K	Brush Set	2			
PSX146-147K	Brush Set	2			
PSX64-702	Brush Set	2			



Bushings / Valeo

803033

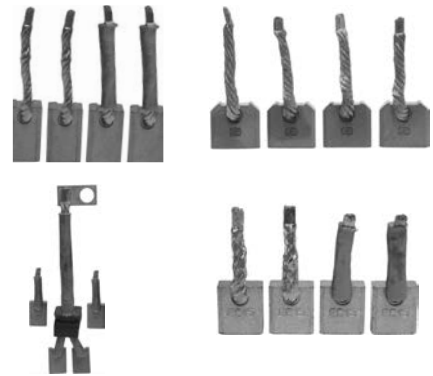
HC-CARGO	Item	Qty.	HC-CARGO	Item	Qty.
140043	..... Bushing	10	140537	..... Bushing Kit.....	1
140065	..... Bushing	10	140540	..... Bushing Kit.....	1
140119	..... Bushing	10	140541	..... Bushing Kit.....	1
140258	..... Bushing	10	140615	..... Bushing	10
140259	..... Bushing	10	B140064	..... Bushing	10
140440	..... Bushing	10	B140066	..... Bushing	10
140473	..... Bushing Kit.....	1	B140496	..... Bushing	10
140474	..... Bushing Kit.....	1	B140684	..... Bushing	10
140497	..... Bushing	10			
140498	..... Bushing	10			
140499	..... Bushing	10			
140526	..... Bushing Kit.....	1			
140531	..... Bushing Kit.....	1			
140533	..... Bushing Kit.....	1			



Various Brushes / Japanese Starters

803038

HC-CARGO	Item	Qty.	HC-CARGO	Item	Qty.
140334	..... Brush Set.....	2	140567	..... Brush Set.....	2
140336	..... Brush Set.....	2	140708	..... Brush Set.....	2
140338	..... Brush Set.....	2			
140347	..... Brush Set.....	2			
140349	..... Brush Set.....	2			
140361	..... Brush Set.....	2			
140362	..... Brush Set.....	2			
140363	..... Brush Set.....	2			
140364	..... Brush Set.....	2			
140378	..... Brush Set.....	2			
140379	..... Brush Set.....	2			
140387	..... Brush Set.....	2			
140556	..... Brush Set.....	2			
140559	..... Brush Set.....	2			

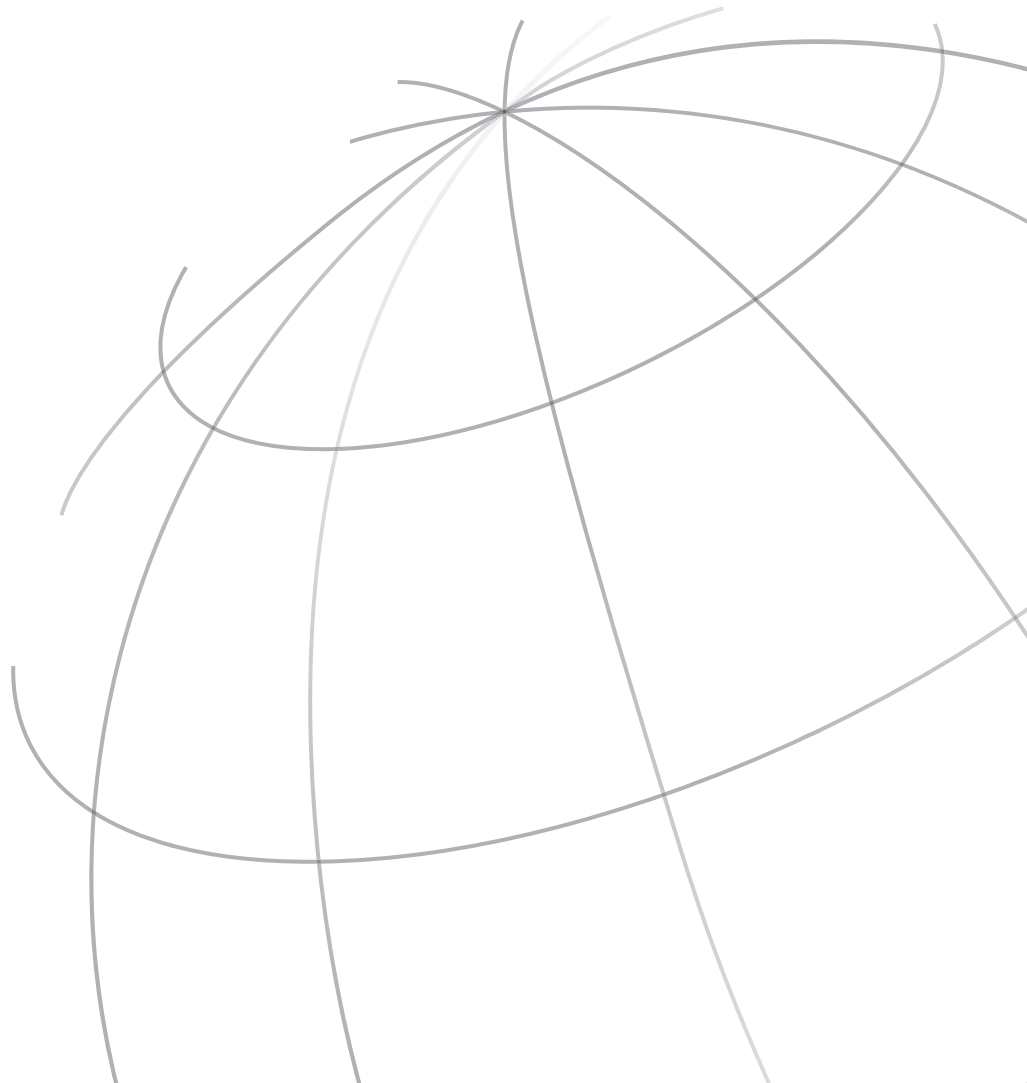




Cross reference list

OE no. - HC-CARGO no.

Edition 2015/2016



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
BOMBARDIER		0331302056	133643	0331303032	131586	0331303100	131793
295-500-089	139083	0331302058	135358	0331303032	333146	0331303101	134378
		0331302059	131794	0331303033	131791	0331303102	131793
BOSCH		0331302060	233896	0331303034	132261	0331303103	139068
0011516314	235529	0331302061	135358	0331303035	135065	0331303104	134376
0124035480	137177	0331302062	131790	0331303037	132260	0331303105	136036
0311402606	138313	0331302063	130470	0331303038	130476	0331303106	136370
0311451002	135381	0331302064	130468	0331303039	136369	0331303107	137693
0330105001	130304	0331302066	130468	0331303039	333546	0331303108	137826
0330105001	333155	0331302070	130468	0331303040	130476	0331303109	133422
0331100002	130282	0331302071	133141	0331303041	131586	0331303110	131793
0331100005	130281	0331302072	135358	0331303041	333146	0331303112	232419
0331100009	130283	0331302074	134823	0331303042	132263	0331303115	136371
0331100009	333162	0331302075	130471	0331303043	131308	0331303116	136036
0331100011	130282	0331302076	133141	0331303045	132827	0331303117	136036
0331100012	130282	0331302077	131794	0331303045	333166	0331303118	137175
0331100014	130281	0331302081	234858	0331303046	131793	0331303120	136036
0331100016	133554	0331302082	130471	0331303047	130474	0331303121	136369
0331100016	333154	0331302083	130470	0331303048	132258	0331303121	333546
0331100019	130283	0331302084	234858	0331303048	333142	0331303122	132267
0331100019	333162	0331302085	234858	0331303049	131143	0331303122	333568
0331100021	130283	0331302087	130476	0331303049	333147	0331303124	133424
0331100021	333162	0331302088	136544	0331303049	333665	0331303126	131793
0331100023	135380	0331302089	130468	0331303050	135583	0331303127	231217
0331100025	130283	0331302091	130470	0331303053	135065	0331303130	136786
0331100025	333162	0331302092	131794	0331303054	235275	0331303131	234568
0331101001	130281	0331302093	130468	0331303054	333139	0331303132	133421
0331101002	130282	0331302094	131790	0331303055	133421	0331303132	333545
0331101003	130281	0331302096	133428	0331303055	333545	0331303133	137175
0331101004	130282	0331302097	234857	0331303056	133421	0331303134	137696
0331101005	130283	0331302106	136544	0331303056	333545	0331303135	136371
0331101005	333162	0331302107	135358	0331303057	134376	0331303137	138005
0331101006	133554	0331302513	135871	0331303058	131143	0331303140	138971
0331101008	130283	0331302518	133141	0331303058	333147	0331303140	333148
0331101008	333162	0331302524	134823	0331303058	333665	0331303142	137266
0331101009	133554	0331302540	130468	0331303059	131586	0331303142	333150
0331101009	333154	0331302543	136025	0331303059	333146	0331303143	137490
0331101011	132803	0331302555	130294	0331303060	132267	0331303144	232420
0331101012	139466	0331302560	233896	0331303060	333568	0331303145	136852
0331101016	130283	0331302570	130471	0331303061	132258	0331303146	136615
0331101019	130282	0331302571	133141	0331303061	333142	0331303147	134824
0331300019	331019	0331302596	133428	0331303062	136369	0331303147	333145
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0331302002	133642	0331303002	131586	0331303064	132827	0331303151	231790
0331302003	133642	0331303002	333146	0331303064	333166	0331303153	131143
0331302004	135871	0331303003	130476	0331303066	132265	0331303153	333147
0331302005	135871	0331303004	130474	0331303067	132263	0331303153	333665
0331302009	133642	0331303005	130475	0331303068	131793	0331303154	132258
0331302010	133141	0331303006	131143	0331303069	132263	0331303154	333142
0331302011	136025	0331303006	333147	0331303070	132827	0331303155	136369
0331302013	135871	0331303006	333665	0331303070	333166	0331303155	333546
0331302015	133642	0331303007	130476	0331303071	131586	0331303156	131143
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0331302023	130294	0331303009	130474	0331303072	136369	0331303156	333665
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0331302034	136025	0331303019	130476	0331303083	132267	0331303234	134378
0331302036	133141	0331303020	137826	0331303083	333568	0331303236	136786
0331302039	133636	0331303021	133644	0331303084	131791	0331303240	131791
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0331302047	130471	0331303026	333147	0331303092	131586	0331303503	130476
0331302050	133642	0331303026	333665	0331303092	333146	0331303506	131143
0331302051	130468	0331303028	130475	0331303094	132828	0331303506	333147
0331302052	136025	0331303029	131586	0331303095	136779	0331303506	333665
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0331303540	138971	0331401015	130300	0331402033	130301	0331402502	130302
0331303540	333148	0331401016	137443	0331402033	333168	0331402502	333137
0331303555	133421	0331401017	130299	0331402033	130301Z	0331402502	130302Z
0331303555	333545	0331401024	130299	0331402034	131141	0331402503	130302
0331303557	134376	0331401025	133096	0331402034	333144	0331402503	333137
0331303559	131586	0331401026	130806	0331402035	130301	0331402503	130302Z
0331303559	333146	0331401027	130300	0331402035	333168	0331402504	130301
0331303560	132267	0331401029	130297	0331402035	130301Z	0331402504	333168
0331303560	333568	0331401032	132252	0331402036	132254	0331402504	130301Z
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0331303571	131586	0331401038	333137	0331402039	130301	0331402508	132363
0331303571	333146	0331401038	130302Z	0331402039	333168	0331402508	333169
0331303573	130474	0331401039	130299	0331402039	130301Z	0331402509	130300
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0331303604	134376	0331401046	130297	0331402051	130939	0331402515	132361
0331303607	137693	0331401051	130297	0331402051	333140	0331402515	333167
0331303609	133422	0331401503	130297	0331402053	130939	0331402519	130301
0331303612	232419	0331401504	130297	0331402053	333140	0331402519	333168
0331303616	136036	0331401506	130299	0331402054	132363	0331402519	130301Z
0331303617	136036	0331401507	130296	0331402054	333169	0331402524	132253
0331303618	137175	0331401508	130300	0331402055	132362	0331402524	333586
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0331303627	231217	0331401510	130299	0331402057	130939	0331402529	131142
0331303630	136786	0331402001	130301	0331402057	333140	0331402531	132254
0331303633	137175	0331402001	333168	0331402068	131141	0331402531	333151
0331303640	138971	0331402001	130301Z	0331402068	333144	0331402535	130301
0331303640	333148	0331402002	130302	0331402070	131141	0331402535	333168
0331303642	137266	0331402002	333137	0331402070	333144	0331402535	130301Z
0331303642	333150	0331402002	130302Z	0331402073	130297	0331402537	132361
0331303643	137490	0331402003	130302	0331402074	130297	0331402537	333167
0331303644	232420	0331402003	333137	0331402076	130296	0331402539	130301
0331303647	134824	0331402003	130302Z	0331402077	130300	0331402539	333168
0331303647	333145	0331402004	130301	0331402078	130299	0331402539	130301Z
0331303651	231790	0331402004	333168	0331402081	130477	0331402568	131141
0331303654	132258	0331402004	130301Z	0331402087	130301	0331402568	333144
0331303654	333142	0331402005	131053	0331402087	333168	0331402570	131141
0331303659	137951	0331402005	333143	0331402087	130301Z	0331402570	333144
0331303662	233480	0331402006	131141	0331402087	333169	0331402570	333144
0331303665	135526	0331402006	333144	0331402094	233734	0331402606	138313
0331303668	139014	0331402006	333144	0331402096	131189	0331402607	137232
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0331304053	138877	0331402008	132363	0331402107	137232	0331402704	130301
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0331400019	130299	0331402015	333167	0331402201	130303Z	0331403004	333600
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0331400023	130297	0331402017	132252	0331402202	333137	0331410003	136692
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		0331402031	333151	0331402501	333168	0331502097	135358

Cross reference list

STARTER PARTS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
BOSCH <i>Continued</i>							
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0333009004	333153	1000301063	B140043	1001933111	132808	1004003902	230193
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1000301047	B140012	1001933072	136242	1004003143	130060	1004011082	139703
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1004011088	137893	1004012431	131063	1004320164	141194	1004336233	333289
1004011089	231065	1004012432	132153	1004320179	BSX210-2114	1004336239	136557
1004011090	139704	1004012433	133209	1004320180	BSX210-2114	1004336239	333286
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1004011096	139658	1004012452	130062	1004320200	141194	1004336257	333303
1004011097	137069	1004012468	134522	1004320201	141194	1004336300	139144
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1004011099	136231	1004012903	132143	1004320203	BSX210-2114	1004336301	134660
1004011101	132988	1004012904	134436	1004320204	BSX212-2134	1004336301	333291
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1004011105	132989	1004012906	131063	1004320206	BSX212-2134	1004336337	138326
1004011106	135113	1004012909	133209	1004320207	BSX212-2134	1004336361	333305
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1004011111	132988	1004012914	130122	1004320228	BSX214-2154	1004336368	233565
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Cross reference list

STARTER PARTS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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1004336902	134658	1004336947	333595	1004336989	232183	1005001980	230232
1004336902	333296	1004336947	333640	1004336990	139428	1005001981	230233
1004336902	333639	1004336948	137703	1004336990	333288	1005001982	137896
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1004336914	333595	1004336957	136557	1004336999	333641	1005821126	134060
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1004336931	333641	1004336969	333295	1005001903	137167	1005821300	131503
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1004336941	134658	1004336983	333595	1005001947	234735	1005821480	135892
1004336941	333296	1004336983	333640	1005001948	137897	1005821497	136706
1004336941	333639	1004336984	134660	1005001949	137622	1005821498	136582

STARTER PARTS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
BOSCH <i>Continued</i>							
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1005821549	136383	1005823463	134533	1006200041	135841	1006200160	138919
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1005821579	137309	1005831037	234848	1006200044	234502	1006200166	234503
1005821585	137906	1005831040	234847	1006200047	230167	1006200178	235579
1005821596	134406	1005831108	234138	1006200048	133483	1006200180	138919
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1005821702	137628	1005831175	234369	1006200068	136789	1006200306	235025
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1005821832	231848	1005851071	139357	1006200100	137886	1006209014	132163
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1005821857	137914	1005851073	230773	1006200103	135471	1006209029	130406
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1005822424	135964	1006200018	133459	1006200137	231202	1006209080	130401
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1006209110	130390	1006209448	131098	1006209537	131433	1006209582	131104ZZ
1006209117	132193	1006209449	131097	1006209537	333172	1006209583	139850
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1006209120	231884	1006209450	131771	1006209538	132205	1006209584	137265
1006209125	132163	1006209451	131772	1006209538	333196	1006209584	333194
1006209127	130406	1006209452	132166	1006209538	132205Z	1006209585	135085
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1006209161	130027	1006209462	333521	1006209539	132205Z	1006209588	138874
1006209162	130404	1006209463	130396	1006209540	133230	1006209590	231015
1006209162	333231	1006209463	333521	1006209541	132204	1006209591	134371
1006209165	130406	1006209466	233842	1006209542	232481	1006209591	134371Z
1006209233	130027	1006209469	131101	1006209543	132216	1006209592	136614
1006209236	130396	1006209469	333519	1006209543	333174	1006209592	333544
1006209236	333521	1006209470	131101	1006209544	132216	1006209594	134371
1006209295	134371	1006209470	333519	1006209544	333174	1006209594	134371Z
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Cross reference list

STARTER PARTS

O.E.M. names and numbers are used for reference purposes only.

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STARTER PARTS

O.E.M. names and numbers are used for reference purposes only.

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STARTER PARTS

O.E.M. names and numbers are used for reference purposes only.

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Cross reference list

STARTER PARTS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
BOSCH <i>Continued</i>							
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6033AD0312	333547	6033AD3111	139056	6033AD4243	233722	F000AL2630	333678
6033AD0325	234395	6033AD3111	139056Z	6033AD4243	333500	FO00SH0108	133424
6033AD0336	234900	6033AD3120	233837	6033AD5025	239092	FO00SH0123	139498
6033AD0351	234901	6033AD3120	333219	6033AD5055	237752	FO00SH0123	333592
6033AD0368	231648	6033AD3130	233837	6033AD5078	237752	FO00SH0125	137612
6033AD0368	333653	6033AD3130	333219	6033AD5097	BSX206-2074	FO00SH0125	333590
6033AD0370	234947	6033AD3132	233477	6033AD5098	BSX206-2074	FO00SH0139	133424
6033AD0370	333574	6033AD3149	233477	6033AD5126	BSX206-2074	FO00SH0178	238836
6033AD0374	234947	6033AD3172	231593	6033AD5127	BSX206-2074	FO00SH0180	131586
6033AD0374	333574	6033AD3191	233477	6033AD5138	239094	FO00SH0180	333146
6033AD0380	139698	6033AD3192	233477	6033AD5177	BSX216-2174	FO02G20186	133184
6033AD0380	333300	6033AD3196	BSX194-1954	6033AD5178	BSX216-2174	FO05M10053	230835
6033AD0380	333650	6033AD3197	BSX194-1954	6033AD5254	330256	FO05M10053	333189

STARTER PARTS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
6211-856	139893	CH1920	130536	028021-0331	136089	028099-3781	132564
6211-858A	230348	CH1922	130536	028021-5010	136088	028099-3800	132004
6211-860	230364	CH1925	130536	028025-0050	232214	028099-3860	132567
6211-961	139708	CH1927	130536	028025-0230	232214	028099-3900	135830
6265-703	139720			028029-0051	135844	028099-3910	139147
6265-704	139724	CUMMINS		028062-0091	136084	028099-3930	132566
6265-705	139722	3603869RX	131364	028062-0200	132888	028099-3940	135310
6400-247	141003	3603870RX	131363	028062-0272	231731	028099-3950	140932
6400-248	141004	3604230RX	131363	028062-0360	132888	028099-3980	140647
6510-2	230435	3604231RX	131364	028062-0480	132888	028099-4000	132867
6510-3	139713			028062-0500	232594	028099-5450	140602
6510-4	139713	DAIHATSU		028062-0530	135746	028099-5460	132405
6510-58	132595	28011-87706-000	132547	028062-0640	137592	028099-5560	132950
6510-59	132597	28110-87505-000	138378	028062-0660	233083	028099-5580	132043
6510-60	230436	28113-87203-000	139051	028062-5050	137592	028099-5590	133356
6510-68	231467	28113-87204-000	139492	028062-5640	233083	028099-5610	132867
6510-79	230437	28118-87201-000	139049	028062-5770	132888	028099-5730	134806
6510-84	230441	28118-87601-000	137377	028062-5790	232594	028099-5730	134806Z
A368	131657	28120-87704-000	231732	028062-6010	231731	028099-5740	235345
A505	131657	28138-87501-000	231213	028062-6180	131837	028099-5741	235345
A889	130136	28142-87502-000	140360	028062-7081	231731	028099-6011	136313
A948	130137	28142-87504-000	140602	028063-0011	132895	028099-6180	140740
BBNG-5G	138390	28150-12030-000	131084	028063-0030	135474	028099-6200	133354
F523	138783	28150-12031-000	131084	028063-0040	132895	028099-6230	139037
F564C	133018	28150-15011-000	131807	028065-0010	137976	028099-6260	132866
NC7-17	230368	28150-15012-000	131807	028065-0100	137976	028099-6300	132866
NC7-7	230369	28150-22011-000	130814	028065-0250	232594	028099-6310	139654
NS85-8Z1	139730	28150-24010-000	231997	028065-0290	232594	028099-6390	230744
NU11-5T1	139714	28150-24061-000	130814	028065-0300	232594	028099-6400	230744
		28150-25010-000	130814	028099-0770	140362	028099-6401	230744
CHRYSLER		28150-25032-000	130814	028099-2520	230744	028099-6410	230744
480428	130536	28150-31050-000	131084	028099-2600	139037	028099-6411	230744
1692659	232905	28150-33020-000	130814	028099-2601	139037	028099-6420	230744
1889799	232905	28150-34070-000	130814	028099-2620	140362	028099-6430	230744
2075553	131392	28150-37010-000	131807	028099-2628	140362	028099-6431	230744
2084091	232837	28150-41011-000	130814	028099-2670	140362	028099-6432	230744
2084666	132741	28150-56011-000	137033	028099-2680	132567	028099-6433	230744
2095122	130536	28150-87203-000	130814	028099-2690	133601	028099-6470	230744
2095137	CHX101P	28150-87205-000	133723	028099-2691	133601	028099-6550	133356
2095145	CHX101P	28150-87305-000	230562	028099-2700	137293	028099-6580	136447
2095219	131413	28150-87505-000	133723	028099-2700	137293Z	028099-6590	136313
2095397	130536	28150-87506-000	133723	028099-2770	140362	028099-6590	136313
2095410	140186	28150-87506-000	133723	028099-2770	140362	028099-6600	135383
2098360	130493	28150-87601-000	230562	028099-2790	132564	028099-6790	132635
2098986	140186	28150-87701-000	131807	028099-2791	132564	028099-6820	132568
2098987	140194	28150-87714-000	138183	028099-2820	132567	028099-6890	230744
2275249	CHX101P	28150-87716-000	138183	028099-2920	132568	028099-7100	132564
2275550	CHX101P	28150-87719-000	138183	028099-2921	132568	028099-7120	132564
2275553	131392	28160-64040-000	137978	028099-2940	132004	028099-7140	132564
2275554	131392	28226-72080-000	139495	028099-3000	139495	028099-7170	140364
2444651	130536	28251-87701-000	139455	028099-3001	139495	028099-7171	140364
2444658	130536	28251-87702-000	136887	028099-3010	132568	028099-7202	139494
2525283	130552	28254-64040-000	233546	028099-3020	132568	028099-7210	135385
2525287	130538	28254-77090-000	138569	028099-3030	132567	028099-7212	135385
3180465	235422	28254-87702-000	138570	028099-3031	132567	028099-7220	132568
3202630	130499			028099-3040	139495	028099-7230	135384
3204049	130499	DELCO REMY → REMY		028099-3041	139495	028099-7231	135385
3205022	130499	DENSO		028099-3080	132043	028099-7240	139046
3225629	130493	142067	142067	028099-3090	132043	028099-7242	139046
3226629	235422	237550	237550	028099-3110	135310	028099-7520	233689
3556382	140187	237978	237978	028099-3130	134806	028099-7530	136621
3656382	140187	239078	239078	028099-3150	138155	028099-7560	138124
3755085	130536	333422	333422	028099-3160	132565	028099-7590	139654
3755267	131393	021200-2120	132796	028099-3170	133599	028099-7750	139532
3755661	233672	021200-3251	135590	028099-3210	133355	028099-7751	139532
3837337	131393	021605-0490	235256	028099-3230	132865	028099-7752	139532
3874817	140187	021660-0440	132570	028099-3270	133353	028099-7800	139494
3932813	131393	021660-0441	132570	028099-3290	132865	028099-7812	139494
3932814	232837	021660-0442	132570	028099-3310	132405	028099-7880	136088
4091920	131220	028000-0085	130441	028099-3380	135003	028099-8590	136313
4094174	130536	028017-0050	135127	028099-3390	132568	028099-8672	132567
5006626	133428	028017-0060	135475	028099-3400	132044	028099-8701	132567
5206607	139212	028017-0070	135127	028099-3430	140396	028099-8911	233689
5206626	133428	028017-0110	135128	028099-3510	140363	028099-8940	233689
5213077	139212	028021-0063	136175	028099-3550	140976	028099-8960	139532
5234382	136888	028021-0230	233553	028099-3570	140361	028099-8961	139532
8133925	131590	028021-0291	133716	028099-3780	132564	028099-9130	135384
CH1411	140194	028021-0310	136175			028099-9131	135384
CH1414	140187					028099-9701	237531
						028100-2450	135749

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
DENSO <i>Continued</i>							
028100-2540	135749	028200-1900	132869	028300-1831	131090	028300-5450	233451
028100-2641	135749	028200-2010	135824	028300-1840	132863	028300-5460	136445
028100-2751	137350	028200-2120	132796	028300-1841	132863	028300-5490	132864
028100-2881	135750	028200-2140	134369	028300-1842	132863	028300-5650	138566
028100-2882	135750	028200-2230	132553	028300-1930	130442	028300-5651	138566
028100-3001	135751	028200-2290	135853	028300-1950	130442	028300-5670	138566
028100-3002	135751	028200-2320	134370	028300-1951	130442	028300-5671	138566
028100-3100	138355	028200-2470	133713	028300-1970	136796	028300-5680	136797
028100-3310	135752	028200-2690	135626	028300-1971	138681	028300-5701	138804
028100-3311	135752	028200-2800	139701	028300-2000	132004	028300-5710	132864
028100-3490	135102	028200-4540	132796	028300-2010	132942	028300-5720	234230
028100-3491	135102	028200-5040	137978	028300-2011	132942	028300-5730	136794
028100-3492	135102	028200-5050	235827	028300-2012	132942	028300-5740	135003
028100-3541	230894	028200-5210	136862	028300-2040	138566	028300-5741	135003
028100-3641	135102	028200-5250	138675	028300-2070	132942	028300-5760	138568
028100-3750	137350	028200-5340	136862	028300-2081	134806	028300-5770	134856
028100-3751	137350	028200-5370	134370	028300-2081	134806Z	028300-5800	135651
028100-3760	135102	028200-5400	133706	028300-2110	132004	028300-5810	132545
028100-3770	135790	028200-5510	133713	028300-2111	132004	028300-5820	133805
028100-3800	135750	028200-5871	136884	028300-2120	136745	028300-5850	133712
028100-3801	135750	028200-5901	133713	028300-2200	132864	028300-5900	131110
028100-3810	135751	028200-5920	133713	028300-2220	134806	028300-5929	234269
028100-3990	135102	028200-6220	132869	028300-2220	134806Z	028300-5990	132004
028100-4040	138355	028200-6230	132869	028300-2222	134806	028300-6000	139083
028100-4090	139436	028200-6240	135853	028300-2222	134806Z	028300-6010	234970
028100-4190	139436	028200-6250	136896	028300-2240	130442	028300-6070	136086
028100-4230	139436	028200-6260	137953	028300-2270	132004	028300-6210	132864
028100-4330	135102	028200-6850	137978	028300-3340	135002	028300-6670	133631
028100-4360	135790	028200-6860	139148	028300-3350	130442	028300-6680	137751
028100-4390	138355	028200-6870	231894	028300-3351	130441	028300-6690	233451
028100-4410	232907	028200-6880	233812	028300-3460	135445	028300-6691	233451
028100-4430	135790	028200-7430	134369	028300-3490	130442	028300-6692	233451
028100-5110	135790	028200-7440	137978	028300-3570	133631	028300-6700	135002
028100-5140	135802	028200-8330	233960	028300-3571	133631	028300-6710	136899
028100-5170	137350	028300-0085	130441	028300-3590	138137	028300-6750	233180
028100-5390	135750	028300-0611	130441	028300-3631	132004	028300-6751	233180
028100-5391	135750	028300-0630	130441	028300-3690	233451	028300-6790	230053
028100-5410	232908	028300-0660	130442	028300-3691	233451	028300-6840	233398
028100-5540	135790	028300-0700	130441	028300-3710	130442	028300-6850	134806
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028100-5900	135802	028300-0801	130441	028300-3750	130442	028300-6860	137950
028100-6010	136885	028300-0830	132545	028300-3770	134856	028300-6880	138956
028100-6130	137977	028300-0831	132545	028300-3810	135002	028300-6930	137647
028100-6150	230057	028300-0851	131110	028300-3880	133441	028300-6940	132004
028100-6200	137954	028300-0900	130442	028300-3950	132942	028300-6960	136086
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028100-6920	231732	028300-1380	138137	028300-4030	231925	028300-7150	136744
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028100-7420	235097	028300-1384	138137	028300-4160	132004	028300-7270	139244
028100-7680	136885	028300-1385	138137	028300-4170	233180	028300-7590	130442
028100-7750	230057	028300-1386	138137	028300-4190	135889	028300-7610	233456
028100-8190	138355	028300-1387	138137	028300-4200	135889	028300-7660	234720
028110-0740	138384	028300-1388	138137	028300-4300	132004	028300-7661	234720
028110-0741	138384	028300-1389	138137	028300-4320	132547	028300-7680	233456
028110-1211	138382	028300-1390	138137	028300-4330	134856	028300-7700	139653
028110-1320	138382	028300-1540	131110	028300-4390	133712	028300-7710	139083
028110-1910	135751	028300-1542	131110	028300-4410	133631	028300-7711	139083
028110-2010	138382	028300-1600	132004	028300-4420	132004	028300-7720	137952
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028200-0910	138383	028300-1603	132004	028300-4551	132942	028300-7802	138566
028200-1070	134946	028300-1660	132634	028300-5040	133805	028300-7860	233456
028200-1150	138757	028300-1670	132545	028300-5090	132942	028300-7900	136744
028200-1151	138757	028300-1690	130441	028300-5091	132942	028300-7910	136745
028200-1260	135853	028300-1730	132942	028300-5180	133631	028300-7920	139845
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028200-1313	134368	028300-1790	132004	028300-5300	134806	028300-7980	137753
028200-1511	134368	028300-1791	132004	028300-5300	134806Z	028300-7980	137753Z
028200-1531	132796	028300-1800	132004	028300-5340	132004	028300-7990	137753
028200-1590	132553	028300-1810	136315	028300-5350	132004	028300-7990	137753Z
028200-1780	132869	028300-1811	136315	028300-5380	138681	028300-8011	233641
028200-1820	133389	028300-1812	136315	028300-5381	138681	028300-8020	136795
028200-1890	137978	028300-1830	131090	028300-5400	234402	028300-8100	233456

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
028300-8150	139653	028500-0550	133337	028530-1030	140566	053400-2540	131807
028300-8160	235497	028500-0551	133337	028530-1031	140566	053400-2550	137567
028300-8350	137753	028500-5320	230852	028530-1090	140963	053400-2551	131084
028300-8350	137753Z	028500-5430	230852	028530-1100	140963	053400-2557	131084
028300-8550	233892	028500-5660	233551	028530-5030	141240	053400-2600	137566
028300-8970	234813	028500-5700	233551	028530-5031	141240	053400-2740	132641
028301-0020	139840	028500-5730	230852	028530-5060	140570	053400-2790	230576
028301-0030	230254	028500-6410	230852	028530-5061	140570	053400-2870	132641
028301-0060	231944	028500-7250	233551	028531-0110	140356	053400-2880	130814
028301-0080	230857	028500-7340	233551	028531-0230	140359	053400-2950	137566
028301-0190	230857	028501-0970	136183	028531-0300	140359	053400-3000	231997
028301-0220	230857	028501-1240	138156	028531-0350	140359	053400-3010	231997
028301-0500	230857	028501-1380	231638	028531-0380	140360	053400-3060	230576
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028306-0070	132885	028501-1460	231638	028531-0632	140361	053400-3062	230576
028326-5030	138609	028501-6210	137855	028531-0680	140363	053400-3080	230576
028327-0140	137865	028501-6490	231529	028531-0720	140396	053400-3081	230576
028327-0170	138148	028501-6510	231387	028531-0730	140396	053400-3090	137567
028327-0171	138148	028501-6600	231483	028531-0840	140364	053400-3330	130814
028371-1210	139455	028501-6890	136183	028531-0946	140362	053400-3340	131084
028371-1220	138570	028501-7040	134507	028531-3510	140363	053400-3350	130814
028371-1410	139455	028501-7130	233547	028531-5050	140602	053400-3370	231997
028371-1420	138570	028501-7200	231529	028531-5630	140364	053400-3410	130814
028371-1500	138569	028501-7650	231600	028531-5650	140361	053400-3470	230574
028371-1980	133356	028501-7850	231638	028531-5651	140361	053400-3490	132641
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028452-5010	139049	028530-1021	140566	053400-2520	137567	053400-5001	134933

Cross reference list

STARTER PARTS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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E2PZ11350A	132751	F3RZ11061A	136635	SBE324	133339	90421772	136255
E3PZ11062A	135338	F3RZ11130A	231152	SBE325	135467	HARLEY DAVIDSON	
E3PZ11390A	131590	F3RZ11130B	231153	SBE334	135467	71469-65A	231811
E3RZ11390A	138496	F3RZ11130C	231210	SBE345	135467	71469-65B	231811
E3TZ11390A	132473	F3RZ11350A	138209	SBE351	231460	71469-77A	231811
E4FF11055AA	140548	F3RZ11390A	138496	SD152	130535	71469-77B	231811
E4FZ11005A	234346	F3RZ11390B	138496	SD164	130535	HELSELMAN	
E4FZ11135A	140242	F3VY11390A	136632	SD175	130535	SW80-753PEE	138685
E4FZ11390A	131590	F3VY11390B	136632	SD176	130535	HINO	
E4TZ11390A	139614	F4BZ11061A	135467	SD180	131770	28011-1350	136512
E4TZ11N004A	139648	F4BZ11350A	132005	SD301	131399	28011-1460	136511
E5AZ11450A	231930	F4BZ11350A	132005Z	SD302	130535	28111-1130	140835
E5DZ11350A	136633	F4BZ11350B	134918	SD303	133854	28111-1180	140520
E5PF11061A	133339	F4DZ11390A	136632	SD312	132749	28111-1330	140832
E5PF11434AA	133339	F4TZ11005A	139352	SD313	131399	28111-1370	140836
E5PZ11005A	139646	F4TZ11049A	232491	SD320	132751	28120-1370	136525
E5PZ11049A	232490	F4TZ11061A	231460	SD327	231962	28120-1390	138969
E5PZ11067A	231155	F4TZ11091A	231460	SD337	136633	28120-1400	136524
E5PZ11130B	232488	F4TZ11363A	231456	SD340	231961	28140-1280	136529
E5PZ11390A	139614	F4TZ11390A	231457	SD341	231960	28140-1290	136528
E5TZ11049A	133338	F4TZ11K192A	231461	SD353	138209	28142-1080	140822
E5TZ11450A	232220	F4XY11005A	231471	SD357	136633	28142-1120	140823
E6EF11350AA	231962	F4XY11067A	135468	SD499	131986	28142-1310	140829
E6FZ11350A	231962	F4XY11390A	231454	SDE332	132005	28142-1360	140828
E6HZ11350A	133507	F5BU11350AA	139710	SDE332	132005Z	2814A-77090	140361
E6HZ11390B	131369	F5BU11350AA	139710Z	SDE334	134918	2814C-46013	140358
E6HZ11390C	131369	F5DZ11350A	136633	SDE339	139609	28150-1452	136523
E7GZ11061A	135467	F5RU11350A	138209	SDE349	132005	28150-1560	137280
E7GZ11350A	132005	F5RZ11A198A	231377	SDE349	132005Z	28150-2120	234662
E7HZ11390B	139209	F5RZ11A201A	231143	SDE350	134918	28160-1430	136517
E7TZ11450A	232220	F5TZ11K192A	231461	SE315	232576	28160-1530	234107
E8BZ11350A	134918	F6VZ11390AA	231178	SE324	232583	28160-1551	234108
E8PZ11350A	139609	F75U11070AA	136636	SE350	231152	28180-1240	136174
E8TZ11450B	231930	F75Z11390AA	231179	SE351	231153	28180-1250	136174
E8TZ11450A	231930	F78Z11390AA	138496	SE352	231210	28180-1251	136174
E90F11448BA	140620	F7RE11A165CA	231347	SH220	231142	28180-1260	136171
E90F11A67AA	136641	F7RU11056AB	140955	SH222	131142	28180-1270	136173
E90Z11005A	136634	F7RU11075AA1	230740	SH223	231142	28180-1330	136170
E90Z11049A	231142	F7RU11165CA	136638	SM256	235633	28180-1341	136174
E90Z11061A	136635	F7RU11434BA	230741	SM315	235633	28180-1390	234544
E90Z11061B	136635	F7RU11434BA	333651	SM461	139352	28180-1532	234662
E90Z11061C	136635	F7RU11A160AB	230743	SM475	136634	28180-2120	234662
E90Z11067A	136636	F7RU11A165CA	231347	SM476	136638	HITACHI	
E90Z11075A	231145	F81U11434AA	232670	SM482	231138	330150	330150
E90Z11135A	140842	F8ZZ11390AB	231179	SW03	130493	94021408	140334
E90Z11350A	136633	F8ZZ11390BA	231179	SW1162	133856	94021409	140334
E90Z11390A	136632	F8ZZ11390AA	231179	SW1533	231930	1811-1631	140340
E90Z11390B	136632	F90Z11350A	136633	SW1533A	231930	2106-1601	140309
E90Z11A165A	136638	FAC11005B	235633	SW1533C	231930	2108-1821	140805
E90Z11A167A	136640	FAS10005B	235634	SW1864	131590	2108-2305	140340
E90Z11A172A	135574	GM20	235634	SW1951A	232220	2108-2306	140340
E90Z11K190A	136641	GM218	235634	SW1951B	232220	2108-4305	140340
E90Z11K190A	136641	MC12	140189	SW1951C	232220	2108-4306	140340
E90Z11005A	136634	MC189A	140242	SW2114	231914	2108-4823	131800
E90Z11061A	136635	MC206	140192	SW2157	139209	2108-6305	140340
E90Z11061B	136635	MC209	140192	SW2188	136632	2108-6306	140340
E90Z11061C	136635	MC209A	140844	SW2207	136632	2108-75002	136208
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E90Z11350A	136633	MC244	140188	SW2502	136632	2108-F3500	136208
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F1RU11A160AB	230743	SB117	132739	SZ749	233027	2114-1353	140870
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F2TZ11049A	231142	SB337	136635	XS6U11390AA	138496		
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2130-65002	133266	2240-1311/1312	140379	2250-57006	232263	31208-657-040	140362
2130-65006	235501	2240-1312	140379	2250-6105	132847	31208-657-300	140362
2130-65008	135091ZZ	2240-1314	231487	2250-6150	132458	31208-657-671	140362
2130-6502	132459	2240-1501	139843	2250-62002	134346	31208-P0G-A01	232311
2130-6700	132059	2240-1511	233438	2250-6323	140378	31208-PC2-671	133661
2130-67004	133043	2240-1700	235814	2250-6500	133266	31208-PR4-0030	138419
2130-67005	133750	2240-1900	135187	2250-65002	133266	31209-590-004	140363
2130-67007	235076	2240-1914	135722	2250-67003	132423	31209-PC2-661	138156
2130-67010	235068	2240-2100	138830	2250-71002	133056	31209-PC2-671	138156
2130-6913	136111	2240-2200	233701	2250-72002	134346	31209-PDI-0040	231601
2130-7100	132457	2240-2310	133730	2250-7210	134346	31210-P01-005	234162
2130-72102	139165	2240-2500	139841	2250-7310	133057	31210-POA-0030	234879
2130-7300	137936	2240-2501	234866	2250-7323	140378	31210-POA-004	232004
2130-73014	137836	2240-2600	138305	2250-7500	133266	31210-P13-904	234159
2130-73021	133730	2240-2650	231287	2250-77003	132914	31210-P2A-004	234160
2130-73022	133730	2240-2700	235814	2250-77006	139851	31210-P2A-901	230018
2130-7305	133057	2240-3100	333059	2250-82002	134346	31210-P2C-004	234160
2130-7311	140595	2240-3310	133730	2250-8205	134346	31210-P2C-901	230018
2130-73111	140567	2240-3550	133904	2250-8323	140378	31210-P2C-J61	232003
2130-7312	140379	2240-3615	231286	2250-85004	132453	31210-P2J-J61	232003
2130-7500	132453	2240-4310	233637	2250-85005	133058	31210-P30-005	234162
2130-75002	133605	2240-4500	135719	2250-87004	132423	31210-P5M-004	234161
2130-75003	133605	2240-4510	133916	2250-92001	134346	31210-P8A-A01	232003
2130-75004	135091	2240-4550	139842	2250-95001	133058	31210-PA0-006	140363
2130-75004	135091ZZ	2240-4559	139842	2250-95003	131985	31210-PC2-006	133076
2130-7502	132459	2240-4701	234868	2250-9550	132845	31210-PC2-016	133290
2130-7550	131984	2240-5500	139843	2250-97003	132423	31210-PC2-026	133076
2130-75504	133605	2240-5510	139844	2250-97006	232263	31210-PD0-26	133076
2130-76005	137835	2240-5511	233438	2250I-9700	132914	31210-PD2-006	133290
2130-7605	135836	2240-5550	139842	2250-9700	132914	31210-PD2-016	133290
2130-77001	133047	2240-5700	136141	2250M-4700	132914	31210-PD2-026	133076
2130-77005	133750	2240-6501	234866	2250-M4700	132914	31210-PE0-6620	230488
2130-77008	139164	2240-6901	231391	2270-3100	133056	31210-PE1-171	133076
2130-7913	137302	2240-7500	135719	2270-37001	134812	31210-PE1-671	133076
2130-81004	233886	2240-7550	233437	2270-8500	133058	31210-PE1-004	237404
2130-82101	135101	2240-8500	139841	2280-1312/1313	141023	31210-PO1-0030	230488
2130-8220	234099	2240-9500	139841	2280-3500	133266	31210-POA-0030	234879
2130-8311	140378	2250-13015	133057	2280-6700	139958	31210-PT0-004	138009
2130-8312	140377	2250-1324	140337	2310-31001	136189	31210-PT0-01	137023
2130-8313	133731	2250-1451	140495	23319-M0111	140320	31210-PT0-9050	138009
2130-85003	133605	2250-17002	132423	23378-10G100	133730	31210-PA-A02	232004
2130-85004	133605	2250-17005	139851	2608-8401	140312	31211-PC2-661	136887
2130-8502	233887	2250-17007	234556	3130-2610	137541	31211-PH9-004	140602
2130-8503	230557	2250-21001	133056	3130-72103	139165	31212-PH9-004	133810
2130-8700	133043	2250-23015	133057	6000J	140271	31213-ZE2-0030	139455
2130-87005	135008	2250-2323	140337	GSB107-1100	235632	31215-634-005	140336
2130-87007	132093	2250-2323/4322	140337			31215-657-006	135127
2130-87008	139164	2250-25002	131985	HONDA		31215-ZA1-003	140566
2130-91002	132798	2250-25003	133058	21231-ZE2-0030	133709	31215-ZA1-013	140566
2130-9210	135101	2250-25004	133058	30202-PH9-004	136088	31215-ZE2-0030	140570
2130-92102	135101	2250-27002	132914	31202-ZA1-003	133716	31216-634-005	140336
2130-93021	133730	2250-27003	132423	31203-PA5-911	139883	31218-P64-N010M	231732
2130-9305	133730	2250-3113	138743	31203-PE0-661	134503	31218-ZG4-801	135802
2130-9311	140597	2250-32001	134346	31203-PH9-004	133812	31219-ZE2-003	133710
2130-9312	140378	2250-3323	140378	31204-634-005	131800	31220-P5A-005	231983
2130-9500	133361	2250-35001	131985	31204-634-670	132058	31220-PY3-024	231983
2130-95003	133606	2250-35002	131984	31204-634-671	132058	31231-671-0050	133332
2130-95007	135091	2250-35004	131985	31204-PA5-911	133675	31231-PA0-060	140363
		2250-3601	140489	31204-PA5-991	133675	31231-PD4-0050	133333

STARTER PARTS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
HONDA Continued							
31231-PH9-004	133808	15.120.010	140977	16.901.657	235850	16.906.374	142041
31231-ZE2-0030	133709	15.120.010	B140977	16.901.658	138866	16.906.542	139522
31232-PA0-006	136713	15.120.011	140026	16.901.694	139520	16.906.642	139522
31233-PH9-004	133811	15.120.011	B140026	16.901.722	232482	16.906.653	234943
31233-ZE2-0030	133708	15.120.012	140006	16.901.751	234984	16.906.658	135092
31235-P0G-A01	233055	15.120.012	B140006	16.901.752	230280	16.906.819	233765
31235-PE0-6620	137592	15.120.014	140140	16.901.769	234267	16.906.836	231012
31235-PE1-6720	233083	15.120.014	B140140	16.902.098	235828	16.907.055	134042
31235-PR4-A010M	233083	15.120.022	140040	16.902.152	235092	16.907.197	333682
31271-634-0050	135478	15.120.022	B140040	16.902.379	333674	16.907.279	333675
35850-MCG-00	235594	15.120.087	140040	16.902.507	333682	16.907.455	333680
35851-KBB-900	235593	15.120.087	B140040	16.902.653	333683	16.908.037	235094
91301-ZA1-003	133717	15.120.089	140996	16.902.816	234984	16.908.097	230853
		15.120.094	140010	16.902.816	233764	16.908.624	235093
		15.120.094	B140010	16.903.095	131267	16.908.624	235093
		15.120.095	140019	16.903.130	139521	16.908.665	141093
		15.120.095	B140019	16.903.166	139521	16.909.002	130418
		15.120.153	140977	16.903.392	234270	16.909.002	333175
		15.120.153	B140977	16.904.400	235797	16.909.002	130418Z
		15.120.153	140977	16.904.676	333668	16.909.012	BSX1314
		15.120.155	140977	16.904.776	333681	16.909.013	130317
		15.120.155	B140977	16.904.847	231623	16.909.041	BSX1304
		15.120.161	140310	16.905.063	BSX1314	16.909.070	130417
		15.120.161	B140310	16.905.108	JSX162	16.911.403	333679
		16.110.010	131443	16.905.143	139634	17.120.057	140050
		16.120.010	140977	16.905.159	139988	17.120.057	B140050
		16.120.010	B140977	16.905.171	230854	17.120.203	140436
		16.150.010	130304	16.905.218	JSX134	17.120.203	B140436
		16.150.010	333155	16.905.225	JSX52	17.120.305	140435
		16.280.566	231013	16.905.226	BSX964	17.120.305	B140435
		16.360.068	130320	16.905.229	231014	17.900.295	140007
		16.360.198	138260	16.905.233	140982	18.100.023	130417
		16.360.277	138670	16.905.235	142335	18.100.098	130417
		16.360.322	130119	16.905.235	BSX157-1584	18.500.044	130130
		16.360.324	131309	16.905.247	142325	18.500.800	131983
		16.360.325	131075	16.905.247	142334	18.500.803	130325
		16.360.326	130319	16.905.247	BSX151S4	18.500.804	131983
		16.360.333	130120	16.905.294	BSX1024	18.500.806	130325
		16.360.402	138212	16.905.375	142326	18.500.807	130322
		16.360.404	138831	16.905.375	BSX135-1454	18.500.808	130323
		16.360.539	131311	16.905.376	BSX134-1444	18.900.179	132075
		16.360.540	130121	16.905.380	BSX1004	922H6	133860
		16.360.544	130121	16.905.384	130127	ARD1133	131370
		16.360.546	130121	16.905.386	131134	ARD1133	333160
		16.360.576	131116	16.905.387	BSX344	IKSX12	JSX162
		16.360.703	138831	16.905.388	BSX344	IKSX42	JSX52
		16.361.103	230855	16.905.389	BSX354		
		16.361.897	233991	16.905.391	130128		
		16.670.012	133554	16.905.392	BSX964	1-81111003-0	232907
		16.670.012	333154	16.905.395	130303	1-81116006-0	140448
		16.670.073	130282	16.905.395	333664	1-81116017-0	140337
		16.670.119	131053	16.905.395	130303Z	1-81116018-0	140337
		16.670.119	333143	16.905.402	134042	1-81116021-0	140488
		16.670.124	130806	16.905.411	138134	1-81116022-0	140488
		16.670.127	130281	16.905.418	135092	1-81116023-0	140378
		16.770.295	140918	16.905.421	JSX162	1-81116024-0	140378
		16.900.038	130740	16.905.423	134042	1-81116035-0	140551
		16.900.057	132906	16.905.426	133983	1-81116041-0	140549
		16.900.068	133231	16.905.439	IKSX2-32	1-81116042-0	140549
		16.900.068	133231Z	16.905.524	134042	1-81116043-0	140549
		16.900.089	132764	16.905.621	131074	1-81121007-0	132534
		16.900.254	136969	16.905.645	140981	1-81121028-0	136189
		16.900.284	137281	16.905.688	140978	1-81121033-0	132536
		16.900.284	137281Z	16.905.693	231014	1-81121044-0	138675
		16.900.392	133860	16.905.695	140979	1-81122029-0	133266
		16.900.408	133860	16.905.754	139522	1-81123034-0	235211
		16.900.541	133860	16.905.764	234985	1-81123035-0	235140
		16.900.542	133958	16.905.767	BSX1024	1-81129030-0	140450
		16.900.879	136969	16.905.810	134042	1-81129041-0	140449
		16.900.880	234268	16.905.814	139523	1-81129178-0	231487
		16.900.920	130414	16.905.832	140974	1-81129286-0	140520
		16.900.920	333516	16.905.950	IKSX2-32	1-81129291-0	140521
		16.900.920	130414Z	16.905.973	140981	1-81129397-0	140517
		16.900.920	130414ZZ	16.906.015	139634	1-81151008-0	134630
		16.900.922	133860	16.906.171	230854	1-81151011-0	132495
		16.900.935	132273	16.906.266	140978	1-81151012-0	132495
		16.900.935	333227	16.906.345	141093	1-81151013-0	132495
		16.901.392	133860	16.906.368	141030	1-81151030-0	132495
		16.901.408	133860	16.906.372	141031	1-81151037-0	138896
		16.901.512	139519	16.906.373	141032	1-81151044-0	138896
IKO							
BA136ZOH	141065	15.120.095	140019	16.903.166	139521	16.909.002	130418
TLA1010Z	140482	15.120.095	B140019	16.903.392	234270	16.909.002	333175
TLA1210Z	140242	15.120.153	140977	16.904.400	235797	16.909.002	130418Z
TLA1212Z	140494	15.120.153	B140977	16.904.676	333668	16.909.012	BSX1314
TLA141912ZE01	140876	15.120.155	140977	16.904.776	333681	16.909.013	130317
TLA1512Z	140495	15.120.155	B140977	16.904.847	231623	16.909.041	BSX1304
TLA1812Z	140375	15.120.161	140310	16.905.063	BSX1314	16.909.070	130417
TLA1816Z	140197	15.120.161	B140310	16.905.108	JSX162	16.911.403	333679
TLA2012Z	140457	16.110.010	131443	16.905.143	139634	17.120.057	140050
TLA2212Z	140381	16.120.010	140977	16.905.159	139988	17.120.057	B140050
TLA2220Z	140733	16.120.010	B140977	16.905.171	230854	17.120.203	140436
TLA3016Z	141040	16.150.010	130304	16.905.218	JSX134	17.120.203	B140436
TLA59Z	140617	16.150.010	333155	16.905.225	JSX52	17.120.305	140435
TLA69Z	140619	16.280.566	231013	16.905.226	BSX964	17.120.305	B140435
TLA810Z	140468	16.360.068	130320	16.905.229	231014	17.900.295	140007
TLA910Z	140935	16.360.198	138260	16.905.233	140982	18.100.023	130417
TLAM01515	140738	16.360.277	138670	16.905.235	142335	18.100.098	130417
		16.360.322	130119	16.905.235	BSX157-1584	18.500.044	130130
		16.360.324	131309	16.905.247	142325	18.500.800	131983
		16.360.325	131075	16.905.247	142334	18.500.803	130325
		16.360.326	130319	16.905.247	BSX151S4	18.500.804	131983
		16.360.333	130120	16.905.294	BSX1024	18.500.806	130325
		16.360.402	138212	16.905.375	142326	18.500.807	130322
		16.360.404	138831	16.905.375	BSX135-1454	18.500.808	130323
		16.360.539	131311	16.905.376	BSX134-1444	18.900.179	132075
		16.360.540	130121	16.905.380	BSX1004	922H6	133860
		16.360.544	130121	16.905.384	130127	ARD1133	131370
		16.360.546	130121	16.905.386	131134	ARD1133	333160
		16.360.576	131116	16.905.387	BSX344	IKSX12	JSX162
		16.360.703	138831	16.905.388	BSX344	IKSX42	JSX52
		16.361.103	230855	16.905.389	BSX354		
		16.361.897	233991	16.905.391	130128		
		16.670.012	133554	16.905.392	BSX964	1-81111003-0	232907
		16.670.012	333154	16.905.395	130303	1-81116006-0	140448
		16.670.073	130282	16.905.395	333664	1-81116017-0	140337

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
JOHN DEERE		15852-63020	133288	76497	130853	76883	130484
AM103290	234070	16611-63041	137753	76498	131252	76884	131787
AM30182	133855	16611-63041	137753Z	76538	131252	76885	130855
AR90074	132641	16871-63041	132004	76702	233954	76886	131255
T19510T	140186	17381-63041	134806	76703	130872	76887	130484
		17381-63041	134806Z	76711	130853	76888	131786
KAWASAKI		17381-63211	134807	76712	131252	76891	130855
13168-2131	139051	19013-63021	230578	76715	130872	76892	130855
		19013-63041	139037	76722	130872	76893	130484
		19212-63041	132004	76727	131252	76895	132269
		19837-63070	133454	76731	233955	76896	132269
				76732	233956	76897	130855
KIA		LADA		76740	131248	76898	130484
35137-32510	133403	2101-3708120	130368	76753	131248	76899	132269
36102-11130	134952	2101-3708150	130369	76755	130855	76900	131248
36102-11140	134952	2101-3708620	130738	76756	131248	76901	131121
36110-21740	135485	2101-3708805	130367	76763	130855	76902	130855
36110-32500	136761	2108-3708200	131840	76766	130872	76903	130484
36110-32510	136761	2108-3708200	131212	76767	130872	76904	131788
36111-32510	139203	2108-3708620	131439	76770	130853	76905	131788
36114-11130	133463			76771	130853	76906	131786
36120-11130	133289	LEECE-NEVILLE		76772	130872	76908	132269
36120-11140	133289	04231	130535	76773	130872	76910	131248
36120-21740	133288	04234	131399	76776	130872	76911	131248
36120-32510	133289	04489	131056	76777	130853	76912	131248
36130-32510	135468	57597	134488	76781	131248	76913	131248
36131-11140	133463	64235	132731	76786	130855	76914	130853
36139-11140	132005	71157	131768	76789	130853	76917	134695
36139-11140	132005Z	71163	136412	76790	130484	76919	131787
36139-32510	136895	73493	131768	76794	131252	76922	131787
36140-32500	138579	74977	131768	76795	130853	76923	131787
36141-32510	135341	75249	232632	76796	130855	76924	131787
36143-32510	139200	77452	132140	76798	130853	76925	131786
36145-2A000	333479	77461	132142	76799	130853	76926	131247
36145-32510	132011	77491	136412	76800	130855	76928	131248
36150-11150	134736	77600	130539	76803	130855	76929	131787
36150-32500	136334	77600	130539Z	76804	132269	76930	131121
36150-32510	136334	77601	131056	76805	130484	76931	131787
36160-11140	136135	95146	136412	76808	131252	76933	131787
36160-32500	136894	97222	131768	76815	130855	76935	131787
36160-32510	136894	98004	132141	76816	132269	76936	132404
36162-21720	136946	225014	132141	76820	130855	76939	131787
36164-21720	136947	225313	136412	76821	132269	76940	131786
36169-32510	133341	850141	141143	76823	130855	76945	131787
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77034	130855	77209	133590	54240795	130451	54247034	130452
77035	132269	77219	133300	54240984	131723	54247034	130452Z
77036	131785	77221	133301	54241267	140056	54247036	130452
77037	130484	77222	136889	54241267	B140056	54247036	130452Z
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77069	130484	77271	137759	54242576	135100	54247295	130747
77072	130484	77287	137759	54242829	137719	54247295	134065
77074	130484	77892	130855	54243248	130209	54247379	130202
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77198	134455	54200349	130706	54246739	130447	54258592	LASX314

Cross reference list

STARTER PARTS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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072386601010	132951	085541323010	134888	SAR0016	133368	TAB116	LASX44-452P
072397101010	234921	085541325010	133531	SAR0017	130202	TAB117	LASX40-412P
074861761010	130360	085541350010	231479	SBR0001	135764	TAB118	LASX364
074880921010	134044	085541360010	234733	SBR0002	135764	TAB119	LASX314
074880991010	131668	085541370010	235428	SBR6800	231196	TAB124	LASX43-442
074884601010	131779	085541381010	136770	SBR6900	231000	TAB125	142344
074891101010	134291	085541389010	133591	SBR6901	137219	TAB125	LASX15-164
074893711010	132615	085541390010	231478	SDR6012	231269	TAB127	LASX22
074894441010	134798	085541420010	138444	SDR6013	138565	TAB128	LASX5-62/1P
074897851010	137814	085541454010	130452	SDR6014	139953	TAB131	140896
074899021010	132817	085541454010	130452Z	SFC0001	130194	TAB132	140765
083220461010	135565	085541459010	132852	SFC0002	130196	TAB133	140510
083220991010	136143	085541462010	132285	SFC0003	130196	TAB134	140511
083224461010	136204	085541466010	132285	SFC0004	130209	TAB135	140512
083225127010	135620	085541468010	139032	SFC0005	130882	TAB136	140897
083225135010	138556	085541470010	133683	SFC0006	130201	TAB137	140898
083225146010	138536	085541472010	138351	SFC0007	130213	TAB138	140513
083225153010	138442	085541475010	135764	SFC0008	130196	TAJ100	140334
083225326010	138534	085541479010	130452	SFC0009	135200	TAJ101	140336
083225702010	235469	085541479010	130452Z	SFC0010	132400	TAJ102	140340
083226564010	139625	085541488010	132586	SRB319	233955	TAJ103	140339
083226888010	139629	085541490010	130452	SRB321	233956	TAJ105	140341
083226889010	231941	085541490010	130452Z	SRB325	130872	TAJ106	140338
083227126010	138526	085541496010	131728	SRB333	130856	TAJ111	140339
083227131010	135565	085541503010	135711	SRB335	130853	TAJ114	140337
083227260010	135565	085541538010	131729	SRB716	233954	TAJ200	140391
083227502010	230805	085541541010	131728	SRB807	138350	TAJ203	140347
083227678010	135620	085541544010	132586	SSL0001	130855	TAJ209	140349
085540001010	132228	085541560010	230809	SSL0002	132269	TAJ400	140357
085540011010	131112	085541670010	138444	SSL0003	131786	TAJ401	140360
085540031010	138753	085541680010	139901	SSL0004	131785	TAJ403	140362
085540041010	230325	085541700010	139902	SSL0005	133531	TAJ405	140396
085540071010	131589	085541710010	230804	SSL0006	134888	TAJ406	140358
085540081010	131588	085541740010	230808	SSL0007	134890	TAJ407	140361
085540141010	132819	085541780010	135717	SSL0008	132269	TAJ409	140363
085540151010	132821	085541810010	233946	SSL0009	134886	TAJ410	140362

Cross reference list

STARTER PARTS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LUCAS <i>Continued</i>							
TCB106	140590	TLB193	131726	TNB154	131192	TPB110	134890
TCB108	140592	TMB100	130453	TNB159	132782	TPB111	133531
TCB110	140593	TMB101	130451	TNB165	130452	TPB112	134483
TCB112	140212	TMB102	130897	TNB167	132852	TPB113	134483
TCB112	B140212	TMB104	130450	TNB169	131728	TPB114	134886
TCB113	140058	TMB105	130446	TNB172	133682	TPB115	134886
TCB113	B140058	TMB106	232480	TNB173	133683	TPB116	133531
TCB114	140057	TMB107	132965	TNB176	133295	TPB117	131785
TCB114	B140057	TMB108	131732	TNB194	136962	TPB118	133531
TCB116	140103	TMB111	131709	TOB100	131252	TPB119	133531
TCB117	140102	TMB115	130445	TOB108	131248	TPB120	131785
TCB118	140104	TMB116	130447	TOB109	130855	TPB121	131785
TCB120	140144	TMB118	134427	TOB110	131248	TPB122	134483
TCB122	140746	TMB120	130452	TOB111	131248	TPB123	131121
TCB123	140053	TMB121	131728	TOB112	130484	TPB124	134888
TCB123	B140053	TMB124	131708	TOB113	132269	TPB127	134899
TCB124	140059	TMB125	131729	TOB114	131788	TPB131	131786
TCB125	140054	TMB129	131733	TOB115	134695	TPB133	131785
TCB126	140060	TMB130	136338	TOB116	131787	TPB136	134455
TCB126	B140060	TMB132	131734	TOB117	131787	TPB137	131121
TCB127	140052	TMB133	233533	TOB119	131786	TPB138	134456
TCB129	140528	TMB134	130959	TOB121	132269	TPB139	133300
TCB130	140646	TMB142	130453	TOB122	131121	TPB140	134457
TCB131	140655	TMB143	130451	TOB123	131121	TPB142	133301
TEB102	135232	TMB148	132285	TOB124	131787	TPB143	133301
TEB104	130196	TMB150	132286	TOB125	131121	TPB144	133187
TEB105	130882	TMB162	132288	TOB126	132404	TPB145	134456
TEB118	130196	TMB167	132586	TOB127	132404	TPB146	134457
TEB125	132403	TMB168	132587	TOB128	131786	TPB147	133187
TEB128	130213	TMB170	132285	TOB129	131248	TPB152	133590
TEB129	130201	TMB171	133297	TOB130	130484	TPB157	137759
TEB130	130209	TMB172	133592	TOB131	131786	TWB100	131264
TEB132	130196	TMB173	136770	TOB133	131248	TWB105	131275
TEB134	130194	TMB174	133296	TOB134	132269	TWB107	131275
TEB142	135200	TMB175	234219	TOB135	130484	TWB108	131276
TEB144	132400	TMB177	133296	TOB137	131121	TWB110	130868
TGB100	130203	TMB179	133298	TOB138	131787	TWB111	132270
TGB107	130206	TMB180	135180	TOB142	131787	TWB112	131015
TGB109	131651	TMB182	133591	TOB145	131786	TWB113	131015
TGB110	131650	TMB183	138299	TOB147	131787	TWB114	131274
TGB117	137004	TMB184	139635	TOB151	131252	TWB117	131078
TGB122	133305	TMB189	135100	TOB153	131252	TWB119	133200
TGB123	133302	TMB190	233621	TOB157	130484	TWB121	133200
TGB125	135815	TMB194	136962	TOB159	131787	TWB122	131078
TGB127	137530	TMB196	135711	TOB160	131255	TWB123	134430
TGB128	136963	TMB197	136261	TOB162	130855	TWB124	131079
TGB130	136319	TMJ100	130440	TOB164	131787	TWB125	139085
THB101	131652	TMJ101	131783	TOB165	131121	TWB2520	235780
TIB107	135869	TMJ102	131086	TOB167	131787	TWT200	139159
TIB108	130202	TMJ103	131085	TOB169	131787	TZT102	233880
TIB109	131656	TMJ105	132311	TOB172	134695	TZT104	233881
TIB110	233740	TMJ106	130440	TOB174	130855	TZT110	130879
TIB112	131654	TMJ107	131085	TOB175	134696	ULB102	130706
TIB113	130205	TMJ115	131985	TOB179	131248	UMB120	140271
TIB114	131655	TMJ117	131985	TOB180	134891	MAGNETI MARELLI	
TIB115	130195	TMJ120	132453	TOB181	131255	77222	136889
TJB102	132402	TMJ121	131986	TOB182	131785	54294771	233331
TJB103	130200	TMJ123	131985	TOB183	131247	54294817	139710
TJB104	130878	TMJ140	131988	TOB184	131248	54294817	139710Z
TJB106	130210	TMJ165	131987	TOB190	130484	54295253	235427
TJB107	130212	TMJ171	132001	TOB191	130484	60737105	131314
TJB111	133368	TMJ204	130741	TOB193	133187	62362910	140202
TJB112	132401	TMJ210	131087	TOB194	133187	62362910	B140202
TJB113	133368	TMJ400	131110	TOB196	134695	63600400	130377
TJB114	133368	TMJ401	130441	TOB198	131787	63600403	131437
TJB115	137363	TNB102	131737	TOB199	131788	63600408	139785
TLB100	131725	TNB104	131738	TOB811	131115	63600483	131437
TLB101	131726	TNB133	131723	TOJ101	130811	63600493	131437
TLB106	131724	TNB134	137326	TOJ103	131800	63600502	130361
TLB110	130745	TNB137	131035	TOJ104	131144	63600504	130361
TLB112	130449	TNB140	130746	TOJ214	133052	63600505	131437
TLB117	130444	TNB142	131707	TOJ400	130814	63600506	130361
TLB118	130443	TNB144	131206	TOJ401	131084	63600507	130367
TLB168	235083	TNB145	131705	TPB101	131255	63600508	131437
TLB172	138840	TNB147	131707	TPB103	131786	63600800	132137
TLB174	138840	TNB149	131707	TPB104	133531	63600802	132227
TLB185	133914	TNB151	132291	TPB106	134695	63600900	133083
TLB186	138683	TNB153	130747	TPB107	132269	63600901	132228
TLB189	135500	TNB153	134065	TPB109	131787		

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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63601600	131589	72165801	139497	74866140	B140049	74895431	132187
63601700	132249	72165901	131473	74866151	132075	74895901	134122
63601768	132228	72166001	131474	74866471	130368	74896591	132818
63601963	137790	72169501	133955	74866481	130369	74896591	132818Z
63601966	137790	72294601	130328	74866521	130370	74897851	137814
63602100	234435	72360401	130215	74866611	130738	74898071	132188
63602106	138444	72361301	130216	74867401	130738	74898111	134018
63602109	138477	72362306	137024	74867931	130735	74898751	137814
63602200	130373	72362307	136203	74868171	JSX52	74898981	136625
63602290	130373	72362308	136203	74868181	JSX162	74899021	132817
63602302	130830	72362510	140200	74868210	140050	74899041	235301
63602404	138477	72362510	B140200	74868210	B140050	74899601	130437
63602502	138477	72362601	136734	74868371	139134	74899901	130347
63631425	130281	72362910	140202	74868531	130370	74981251	130737
63633501	130829	72362910	B140202	74868551	130355	74991161	132188
63633601	130830	72363110	135770	74868891	130439	79026095	131184
63633603	130830	72363201	MASX13-144	74869671	130945	79033664	132254
63633604	139849	72363202	MASX13-144	74869711	333125	79033664	333151
63633801	131112	72363207	MASX15-164	74869941	132202	79033957	132303
63633804	138753	72363402	131109	74870031	130945	79035321	139131
63633806	131112	72364310	135768	74870111	130740	79036683	131112
63633825	131112	72364801	231024	74870151	130848	79036685	131115
63633901	131115	72365010	140201	74871431	130739	79044568	132304
63633902	131115	72365010	B140201	74874241	130738	82368225	131143
63633925	131115	72366601	134681	74874701	JSX134	82368225	333147
63633933	131115	72372530	130417	74874761	130370	83220031	133567
63693801	131112	72378301	133970	74876851	130737	83220271	134365
63902000	130377	72378801	130946	74880921	134044	83220461	135565
70494803	130325	72381901	131680	74880941	JSX21-22	83220991	136143
70494804	130325	72382301	131670	74880991	131668	83221161	136206
70616002	130417	72385201	130215	74881110	140268	83221191	JSX35-364
72134002	137213	72386601	132951	74881110	B140268	83221241	136204
72134003	137213	72386801	130386	74881121	JSX21-22	83221531	134859
72138801	130749	72386803	130386	74881151	134291	83221541	134859
72138802	138752	72387101	134910	74881251	130737	83221651	136143
72138902	139131	72387301	130218	74881280	131784	83221681	JSX35-374
72139001	131109	72388401	137025	74883371	234285	83222270	140242
72139002	139131	72388403	137027	74884601	131779	83222681	135565
72139003	133985	72391701	230746	74885011	134044	83222921	134365
72139004	132293	72392104	139131	74885041	134653	83223311	136143
72139007	234922	72397101	234921	74885111	132186	83224461	136204
72142003	137213	72399501	130946	74886131	131716	83224481	JSX38-39-403
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72143101	136203	74350265	130328	74886731	130737	83225135	138556
72143103	136203	74350413	131747	74886931	131132	83225146	138536
72143104	136203	74350433	131747	74886971	131715	83225153	138442
72143105	136203	74372530	130417	74887061	131716	83225234	137814
72143106	136203	74700901	134641	74887310	140269	83225266	JSX38-412
72143107	136203	74702610	JSX94	74887310	B140269	83225272	136206
72143301	137027	74703210	135769	74887441	235470	83225326	138534
72144501	130215	74703401	134643	74887810	140270	83225359	136204
72144701	130215	74705710	140046	74887810	B140270	83225372	133567
72146501	134910	74705710	B140046	74887890	140270	83225386	136206
72157601	137024	74705810	140065	74887890	B140270	83225622	235301
72157901	137025	74705810	B140065	74887901	JSX23-24-28	83225641	138442
72157902	137025	74732201	132773	74887911	JSX23-24-28	83225702	235469
72159801	132821	74734101	JSX204	74888361	134044	83225727	135620
72161301	MASX25-264	74751110	135644	74888761	132187	83225758	138443
72161302	MASX25-264	74798210	140211	74888921	132849	83225822	JSX43-45-444
72161303	MASX27-284	74825410	140109	74889271	131715	83225823	JSX43-45-444
72161304	MASX27-284	74826710	140110	74890961	134017	83225824	JSX43-45-444
72161601	133030	74827010	140452	74891011	132619	83225846	235304
72162401	MASX21-224	74827301	130739	74891101	134291	83225886	138535
72162402	MASX21-224	74838701	JSX184	74891161	132188	83225937	234093
72162403	MASX23-244	74845901	134122	74891260	JSX23-24-28	83225970	138556
72162404	MASX23-244	74846001	JSX194	74891351	136643	83226116	235304
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72163201	131470	74860300	140048	74891611	135762	83226189	JSX40-46-474
72163701	131472	74860300	B140048	74892151	131132	83226216	136204
72163901	136223	74860380	140047	74893711	132615	83226316	231159
72163902	136975	74860380	B140047	74893801	JSX29-302	83226336	139627
72163903	136163	74860391	130737	74893811	JSX29-302	83226348	138536
72163904	136163	74861441	130737	74893830	134115	83226437	235122
72163906	136974	74861761	130360	74893901	132119	83226536	135620
72164101	135604	74861771	134432	74893931	133059	83226539	138442
72164102	135242	74861781	JSX162	74894211	136625	83226557	235370
72164701	134041	74865381	131779	74894221	132817	83226564	139625

Cross reference list

STARTER PARTS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
MAGNETI MARELLI <i>Continued</i>							
83226569	139902	85540591	132227	85541479	130452	7151271	234812
83226683	135565	85540601	131715	85541479	130452Z	7151540	231680
83226699	138556	85540611	131716	85541483	136878	7151542	231680
83226713	235301	85540651	132186	85541488	132586	7152560	231681
83226811	135620	85540661	130737	85541490	130452	7152762	231681
83226816	138442	85540681	135117	85541490	130452Z	7152822	235488
83226888	139629	85540691	138537	85541496	131728	7152860	136267
83226889	231941	85540711	136164	85541503	135711	7152860	136267Z
83226919	J5X52	85540721	131437	85541538	131729	7152920	236082
83226920	J5X52	85540731	130439	85541541	131728	7152960	136267
83227000	139628	85540781	139785	85541544	132586	7152960	136267Z
83227126	138526	85540811	130737	85541560	230809	7153180	231679
83227131	135565	85540821	135712	85541670	138444	7153360	234445
83227226	135565	85540822	135712	85541680	139901	7153612	231681
83227257	J533	85540831	139900	85541690	139901	7153860	136267
83227257	J534	85540841	138522	85541700	139902	7153860	136267Z
83227257	J5X33-344	85540861	135463	85541710	230804	7154142	231681
83227258	J533	85540881	136257	85541717	138477	7155351	136269
83227258	J534	85540891	235771	85541740	230808	8014241	133961
83227258	J5X33-344	85540911	131437	85541750	233946	8014251	130729
83227260	135565	85540921	233815	85541770	234733	8014271	233730
83227357	J5X51-52-634	85540922	139104	85541780	135717	71553360	234445
83227362	J5X51-522	85540961	137191	85541810	233946	110904300	PLSX3/0
83227364	J5X51-52-593	85540971	135717	85541820	137191	315238040	135775
83227370	J5X51-52-593	85540981	137190	85541860	230807	323114011	140756
83227383	J5X61-62-634	85540991	133566	85541870	139655	323114011	B140756
83227490	J5X38-39-403	85541002	234441	85541990	238841	323114014	140757
83227491	J5X38-39-403	85541003	138444	85553402	239075	323114014	B140757
83227502	230805	85541010	230809	85553621	239080	323114016	140691
83227584	J5X61-62-634	85541020	137790	86226811	135620	323144014	140757
83227652	J5X61-62-634	85541040	134364	86226816	138442	323144014	B140757
83227678	135620	85541060	138522	93221201	J5X35-364	323144016	140691
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85530000	132137	85541110	231806	063601962000	133566	344112021	PLSX34
85530010	132227	85541111	231806	72363201/02	MASX13-144	344112027	PLSX44
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85540011	131112	85541230	230802	7489438/1	J5X31-32	315817120910	138606
85540031	138753	85541240	138791	7489439/1	J5X31-32	316116119950	135772
85540041	230325	85541250	139901	IE14AA	130281	323125436125	140758
85540071	131589	85541260	230809	IE35A	130829	323125436125	B140758
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85540111	131115	85541290	138791	IE38AAA	131112	323125527127	B140757
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85540211	131115	85541323	134888	MAGNETON (PAL/SKODA)			
85540221	131112	85541325	133531	0157541	133413	323622641703	140756
85540231	133566	85541333	LASX364	0157561	133412	323622642933	B140756
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85540281	131437	85541350	231479	0157941	135773	324592000000	140381
85540291	134018	85541360	234733	0157961	136798	334174503246	PLSX34
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85540321	134364	85541375	133592	0158411	133411	344174143386	PLSX44
85540341	138537	85541381	136770	0924100	140143	344174503246	PLSX34
85540351	138538	85541389	133591	931544	140527	443930150241	134795
85540371	132249	85541390	231478	931550	140397	443930154191	233730
85540381	230757	85541400	230809	931550	B140397	443930154210	130729
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85540431	132818	85541430	137191	2000940	140756	443930154860	132383
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85540521	132188	85541472	138351	7150882	136265	443930158411	133411
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443936954930	136266	B301-18-X45	134918	PN40-18-X10	133049	M106T17271	132762
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443937150161	134803	B630-18-X00A	136753	PN40-18-X66	140743	M106T19771	135118
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443937150870	136270	BPD4-18-X60	139398	R201-24-731	231393	M106T57671	139398
443937150880	136265	BPD4-18-X66	140966	R201-24-736	231981	M106X01171	132484
443937150890	136269	E301-18-720	134737	R201-24-740	133628	M106X01271	134071
443937151540	231680	E301-24-701	136099	R201-24-754	139414	M106X01471	132484
443937151560	231681	E301-24-730	135571	RF01-24-705	134369	M106X01871	134071
PLSX24	PLSX24	E301-24-753	140349	RF01-24-710	137378	M106X02271	132486
		E356-18-X00A	136753	RF01-24-736	230561	M106X06971	136334
MANDO MALROE → VALEO		E356-18-X01	140555	RF01-24-747	138570	M106X07271	231471
		E356-18-X10	231977	S501-24-740	236080	M106X08571	132484
MAZDA		E356-18-X30	134952	SE01-24-736	136344	M106X08671	135832
0135-18-444A	140345	E356-18-X60	134736	SE01-24-750	140388	M106X09971	139401
0135-18-445A	140345	E356-18-X70	135467	SE45-18-X60	231771	M106X29171	136196
0208-23-756	140357	E356-18-X80	231000	SE01-24-736	136344	M106X29271	139646
0221-23-764	130814	E356-18-X81	140429	SLSK-18-810	234723	M106X29272	139646
0221-23-786	130814	E356-18-X95	139203	VS10-18-X10	234872	M106X29371	133034
0222-24-720	132762	E357-18-X00	136753	VS10-18-X33	231581	M106X29471	132484
0222-24-722	130741	E357-18-X65	136135	VS10-18-X56	231575	M106X29871	132486
0222-24-740	231502	E501-24-753	140349	VS20-18-X10	234484	M106X40471	233337
0222-24-741	140321	F210-18-X01	140738	WLO2-18-X57	135341	M106X40671	132487
0222-24-752A	233867	F210-18-X65	136135	WLO2-18-X65	231504	M106X40871	231771
0222-24-753	140347	F210-18-X70	135467			M106X41271	136196
0222-24-760	231976	F214-18-X25	132012	MERCURY MARINE		M106X41671	132486
0222-24-760A	231976	F2D4-18-X10	133288	15-042	140712	M106X41672	132486
0290-24-830	131110	F2D4-18-X66	140966	15-054	140713	M106X41673	132486
0290-24-841A	140326	F601-24-710A	234706	54-108	231972	M106X41674	132486
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0324-24-760A	133052	F850-24-X00A	234706	54-214	231961	M106X43571	138962
0342-24-760	133052	F8B1-18-X60	134736	54-215	231960	M106X43572	138962
0426-24-712A	134949	FE79-18-X10	133052	54-82407	231944	M106X43772	139825
0426-24-715	140320	FP13-18-X10	139202	54-8301	231954	M106X45071	233961
0426-24-753	140347	FP13-18-X65	139241	54-83218	231456	M106X50171	136334
0426-24-754	135979	FP13-18-X87	139205	54-8336	231952	M106X50271	134736
0578-23-764	130814	G601-18-X06	137927	54-8408	231965	M106X50471	136334
0603-23-643	140391	JE01-18-X60	136613	87-61053	133857	M106X50571	231471
0706-24-556	140348	JE26-18-X10	133049	89-15857	133857	M106X50671	132487
0820-24-707	140321	JF01-18-X65	136894	89-638258	133857	M106X50871	134736
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0839-24-753	140386	K801-18-X40	135721	89-76454	133857	M106X51671	134737
0845-18-400	140321	K805-18-X10	133049	89-76545	133855	M106X52171	135832
1345-24-716	139883	K805-18-X65	137550			M106X52271	138417
1345-24-716A	139883	KL36-18-X65	137853	MITSUBA		M106X52371	135928
1345-24-730A	138355	M602-18-X60	132484	SM1329850	230762	M106X52571	134736
1346-24-705	135824	N202-18-X10	131802			M106X52771	134736
1363-24-736	132470	N202-24-705A	132484	MITSUBISHI		M106X52871	134736
1372-24-736	136344	N202-24-712	134950	330176	330176	M106X52971	132762
1456-24-752	135201	N202-24-720	139236	330182	330182	M106X53171	132484
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1758-24-736	133052	N202-24-740	132017	330581	330581	M106X53871	139400
1758-24-736A	133052	N202-24-750	133886	330725	330725	M106X54271	136613
1907-18-400A	140320	N221-24-715	140428	331523	331523	M106X54971	132484
4782-24-736	139586	N226-18-760	131802	6001547546	235426	M106X55071	134071
4840-24-709	139585	N318-18-X71	136946	647X04271	141253	M106X55571	139400
4840-24-730A	231314	N326-18-X05	135468	6805D2	142005	M106X55671	139399
4854-24-736	132917	N326-18-X10	133049	E6457044M	140391	M106X57171	132484
4854-24-736	133050	N326-18-X25	132014	M105X43671	234851	M106X57271	134071
4872-24-736	234545	N326-18-X30	134851	M105X43771	139825	M106X57471	136613
4892-24-709	132765	N326-18-X57	135341	M106T01871	134071	M106X57671	139398
4894-24-715	140322	N326-18-X60	136334	M106T01970	134737	M106X58171	231471
8088-24-722	131087	N326-18-X71	136947	M106T03271	135118	M106X58571	135832
8218-24-760	132095	N326-18-X87	136895	M106T03971	135118	M106X58671	230499
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8599-24-740	134966	N327-18-X60-A	231471	M106T05770	134736	M106X58971	230499
8599-24-741	137545	NF01-18-X90	231505	M106T05771	134736	M106X59171	136613
8599-24-746	138565	PN11-18-X10	133288	M106T06971	135832	M106X59771	230499
8599-24-750	140387	PN11-18-X40	133439	M106T07070	135928	M106X74781	136613
8599-24-752	233868	PN11-18-X50	137427	M106T07472	134736	M135B00371	133403
8872-24-736	131802	PN11-18-X65	136377	M106T07771	134736	M135C00171	133403
8937-24-760	133049	PN11-18-X75	230647	M106T08671	135832	M135X00771	133403
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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M135X01471	139323	M191T66271	139609	M357X64371	233595	M371X54771	131802
M135X01571	139323	M191T68771	232229	M357X64471	231776	M371X54871	131802
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M135X07711	235502	M191T94571	333127	M357X68071	233595	M371X58671	133049
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M191T12171	132012	M191X16371	236752	M357X77971	139410	M371X59671	133053
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M191T12571	136229	M191X243BT	235426	M357X83673	133449	M371X61571	135590
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M191T13671	136722	M191X67871	231371	M357X89771	235833	M371X62671	133288
M191T14271	231952	M191X67885	231371	M357X90373	235285	M371X62771	133288
M191T14371	137643	M191X68071	139541	M357X90571	235286	M371X62871	133288
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M191T57081	133520	M357T78071	132386	M371X53072	133052	M371X80371	133052

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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M371X80771	133052	M385X04772	134851	M605X31971	133871	M641X99271	234704
M371X81271	133052	M385X04871	231684	M605X32471	133007	M641XA0872	235329
M371X81371	131802	M385X05071	135368	M605X32571	133363	M641XA1571	231572
M371X81871	131802	M385X05371	138889	M605X32971	132799	M641XA2072	234539
M371X82373	131802	M385X05971	139539	M605X35071	231779	M641XA2971	233906
M371X82671	133052	M389D00401	132638	M605X36071	137492	M641XA3471	234046
M371X83071	133052	M389X10871	135979	M605X36171	139344	M641XA4271	230497
M371X92575	137930	M389X10877	139411	M605X61671	133009	M641XA4274	230497
M371X93475	133049	M389X10878	137927	M605X63172	133630	M641XA4571	231367
M371X93575	138618	M389X11472	139414	M605X65171	132483	M641XA4572	231367
M371X93771	133049	M389X11473	137457	M605X65771	232390	M641XB2871	235834
M371X93975	139202	M389X11482	139414	M605X66071	133451	M641XB2971	235339
M371X94071	137813	M389X12371	137457	M605X71971	234808	M642B10271	231502
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M371X97275	133049	M391C02201	135201	M605X95071	232391	M642B15871	231580
M371X97873	236015	M391C02501	233868	M605X95271	232230	M642B16371	231000
M371X98075	133288	M391C02801	233868	M605X95571	139820	M642B16874	231571
M371XA0273	139537	M391C03201	136947	M605X96971	231456	M642X16871	230872
M371XA0274	139537	M391C03301	136946	M640B13472	230647	M642X16872	230872
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M371XA1874	139202	M409C12670	B140428	M640B28371	138619	M642X18171	231264
M371XB2171	234872	M409C12870	140430	M640B28771	231813	M642X18873	231291
M371XB2270	234484	M409C12970	140555	M641B10601	137219	M642X19273	231291
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M372X00171	132472	M409C32401	140731	M641X06976	234706	M642X34174	231571
M372X00371	133050	M409C32470	140731	M641X06987	234706	M642X37373	230497
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M372X02171	132472	M409D30201	B140319	M641X33172	135485	M644B10201	139236
M372X02371	132472	M409D32201	140321	M641X33173	135485	M644B10601	137219
M372X02471	230204	M409D32201	B140321	M641X33175	135485	M644B16403	231291
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M372X07471	139614	M410D11271	140320	M641X35674	136762	M647C00271	140559
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M372X11171	132591	M410D12171	B140320	M641X39471	231315	M647C00571	140559
M372X11871	139824	M410D12671	140323	M641X39475	231315	M647C00571	142331
M372X13071	139824	M410D12671	B140323	M641X43075	137710	M647C00573	140559
M372X79873	231820	M410D30171	140321	M641X43077	137710	M647C00573	142331
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M373X05371	234319	M414X00474	139203	M641X67371	137712	M647X02671	140967
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M373X07671	237845	M414X04872	231388	M641X68974	137690	M647X03971	140921
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M375X95475	133049	M578X61871	139416	M641X83578	139233	M647X06571	140966
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M385X00272	134949	M605X23471	133007	M641X88671	231788	M648C10671	140391
M385X01273	132639	M605X25771	133007	M641X89671	231193	M648C12170	140556
M385X03371	134949	M605X26971	139585	M641X91871	139293	M648C12370	140556
M385X03471	134950	M605X27971	137739	M641X91872	139293	M648C13770	140347
M385X03771	133021	M605X28271	133450	M641X91874	139293	M648C14870	140349
M385X04571	134952	M605X28571	230333	M641X93871	233903	M648C14871	140349

Cross reference list

STARTER PARTS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
MITSUBISHI <i>Continued</i>							
M648C14970	140349	M649X20471	138963	M863C05571	135573	MD607549	231976
M648C14971	140349	M649X20671	231892	M863C05672	231782	MD607552	134737
M648C15070	140349	M649X20771	139822	M863C06171	135573	MD607554	140349
M648C15372	140387	M690X00571	141009	M863C06271	136416	MD607555	135467
M648C15372/472	140387	M690X00572	141009	M863C06272	136416	MD607556	140349
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M648C22371	140346	M800T35171	135784	M863X08471	234677	MD607645	137219
M648C24471	140386	M800T35671	135927	M863X08672	139823	MD607741	140428
M648C24471/472	140386	M800T37671	136180	M863X09272	233377	MD607741	B140428
M648C24472	140386	M800T38371	135927	M863X09671	139823	MD607789	132483
M648C24971/972	140395	M800T38871	136135	M864X07071	135571	MD607791	132489
M648C24973/974	140395	M800T38971	136135	M864X08871	134047	MD607794	231196
M648C24974	140395	M800T38972	136135	M864X08872	134047	MD607847	138405
M648C25271	140348	M800T38973	136135	M864X09371	139533	MD607887	139203
M648C25273	140348	M800T39871	136894	M864X09571	133463	MD607889	231977
M648C25671	140388	M800T43571	136938	M864X09771	135468	MD607892	140555
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M649T04971	133339	M800X54671	135927	MD604062	140326	MD611731	133341
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MD618547	139205	ME701462	139537	0-23500-0250	133393	0-47100-3944	135674
MD618581	133289	ME701466	140973	0-23500-0251	133393	0-47100-4060	134631
MD618591	235833	ME701467	138963	0-23500-0254	133393	0-47100-4062	134631
MD618593	139238	ME701468	139826	0-23500-0320	136139	0-47100-4070	134632
MD618608	139235	ME701484	141009	0-23500-0323	136139	0-47100-4071	134632
MD618613	133289	ME701486	235502	0-23500-0350	132514	0-47100-4100	137811
MD618619	140561	ME701487	231371	0-23500-0353	132514	0-47100-4140	132499
MD618659	140967	ME701488	139823	0-23500-0420	133291	0-47100-4160	137811
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MD618887	134925	ME701490	139824	0-23500-0422	133291	0-47100-4240	137544
MD618958	138962	ME701492	139825	0-23500-0454	135871	0-47100-4270	133852
MD618961	139536	ME701494	141010	0-23500-0551	133854	0-47100-4360	132500
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MD618969	231505	MM502019	140346	0-23750-0050	132503	1-21500-1040	132518
MD618971	139538	MM502135	140386	0-23750-0051	132503	1-21500-1530	132516
MD618972	139537	MM502137	140322	0-23750-0120	133863	1-21500-1590	132518
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ME700131	231388	S930P12070	140222	0-25000-7812	233686	1-23500-0170	132519
ME700134	137457	S930P14101	140271	0-25000-7822	233687	1-23500-0190	135693
ME700135	132591	S930P14201	140222	0-25000-7823	233687	1-23500-0250	133393
ME700174	234319	S930P62070	140222	0-25000-7930	230186	1-23740-0010	140550
ME700196	234320	S933P65270	140514	0-25000-8100	132494	1-23740-0030	140550
ME700200	140391	S933P70605	140738	0-25000-8102	132494	1-23740-0050	140551
ME700210	140395	S933P70669	140738	0-25000-8103	132494	1-23740-0120	140549
ME700215	136344	U001X06096	233891	0-25000-8340	234253	1-23740-0140	140507
ME700234	231782	U001X31272	233891	0-25000-8341	234253	1-23740-0150	140507
ME700278	136142			0-25000-8430	132493	1-23740-0170	140549
ME700299	141189	MOTORCRAFT		0-25000-8900	233688	1-23913-0010	135672
ME700304	141189	SBE-324	133339	0-47100-2073	232223	1-23913-0040	135673
ME700307	234871			0-47100-2650	132495	1-23914-0020	135698
ME700316	132591	MOTOROLA		0-47100-2670	134630	1-23914-0030	135699
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ME700853	231780	0-21750-1432	132913	0-47100-3010	133482	7-21351-0621	140485
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ME700973	137546	0-23100-0230	135667	0-47100-3070	138896	7-23100-0070	132537
ME700984	132591	0-23100-0231	135667	0-47100-3100	132498	7-23100-0090	135703
ME700992	231772	0-23100-0240	234104	0-47100-3110	132498	7-23100-0140	132539
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ME701442	234872	0-23200-0560	135678	0-47100-3591	132500	7-23100-0201	134971
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ME701444	234851	0-23230-0150	132531	0-47100-3660	136400	7-23100-0240	134971
ME701448	231892	0-23230-0210	133392	0-47100-3750	231734	7-23100-0250	132539
ME701456	232054	0-23230-0281	135669	0-47100-3900	134974	7-23100-0290	132536
				0-47100-3901	134974	7-23100-0310	135668

Cross reference list

STARTER PARTS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
NIKKO Continued							
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7-23351-0040	140517	23310-B6010	132762	23312-V0601	131985	23331-99107	140829
7-23351-0060	140521	23310-D0200	134662	23312-V5301	132001	23331-99111	140829
7-23351-0080	140520	23310-H5000	138959	23312-W1700	135091	23331-T9000	140379
7-23351-0100	140517	23310-J2000	132457	23312-W1700	135091ZZ	23331-Z9000	140337
7-23351-0140	140517	23310-J5500	132458	23312-W9811	230998	23331-Z9001	140337
7-23351-0150	140949	23310-J5501	137092	23312-Y0511	131087	23331-Z9002	140378
7-23351-0154	140949	23310-M4900	134121	23312-Y0700	131783	23331-Z9003	140378
7-23351-0160	140519	23310-M4901	134121	23313-90005	133266	23333-10G00	133731
7-23351-0220	140906	23310-M8000	135653	23313-99202	133266	23333-1P100	138709
7-23351-0225	140906	23310-M8213	139400	23314-T9000	134966	23333-42L70	136947
7-25000-6090	132493	23310-N5900	132454	23314-Z9000	132845	23333-42L71	136946
7-47100-0040	231735	23310-S0100	133031	23315-99011	140832	23333-50Y02	138709
7-47100-0130	231735	23310-T5000	135928	23315-99012	140838	23333-61503	231285
		23310-T9002	138830	23315-Z9000	140836	23333-M1510	233867
		23310-T9006	133056	23316-84G10	230549	23333-M8000	231298
		23310-U6000	133031	23318-00H10	136762	23333-T9000	233868
		23310-Y0700	135845	23318-00H11	136762	23333-T9001	231487
		23310-AA050	137953	23318-10G00	138613	23333-W2500	133731
		23312-02N00	135719	23318-12G01	137830	23333-Z9001	231487
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		23312-10600	130440	23318-54A05	230665	23337-01N10	230872
		23312-10605	130440	23318-D0510	231315	23337-0M210	231775
		23312-10G00	135091	23318-H5001	138154	23337-0M300	230487
		23312-10G00	135091ZZ	23318-H5010	137587	23337-0Y000	230636
		23312-11M00	135091	23318-H5013	137587	23337-43G00	137836
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		23312-12G02	136228	23318-P5112	135483	23337-61504	137936
		23312-16E01	132002	23318-P5113	135483	23337-72F10	230872
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		23312-21000	130440	23318-R9001	135483	23337-M8011	231580
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		23312-24900	233967	23319-25V10	140738	23337-T5000	136762
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		23312-25V11	135721	23319-37502	140316	23338-01N10	140555
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		23312-2Y900	233967	23319-42L60	140869	23338-21000	140315
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		23312-31U01	231804	23319-61503	140313	23338-85060	140308
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		23312-37503	131985	23319-D0210	140428	23338-N3300	140311
		23312-37504	131985	23319-M0110	140320	23338-P0610	140321
		23312-37505	131985	23319-M4900	140222	23338-V0702	140457
		23312-37506	131985	23319-M8011	140555	23340-0M210	231683
		23312-42L60	134917	23319-N3300	140310	23340-N5910	231394
		23312-42L70	138579	23319-Z9000	140489	23340-N5915	231399
		23312-42L75	139200	23320-J2001	135833	23341-10600	140306
		23312-43G00	135718	23320-0M300	139664	23341-10G00	137301
		23312-50Y01	139132	23321-N3300	135478	23341-12G01	139568
		23312-53J01	137413	23322-0M300	137938	23341-37501	140317
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		23312-76201	131985	23322-42470	135468	23343-02N00	133750
		23312-90J00	135711	23322-42L70	135468	23343-03J00	138366
		23312-93J00	136261	23322-43G00	134745	23343-03J01	138366
		23312-C0600	132311	23322-50Y12	135468	23343-04E00	132093
		23312-C6800	132453	23322-5C011	135468	23343-04E01	132093
		23312-D0100	131986	23322-H9100	134745	23343-04E10	133052
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		23312-H6900	131085	23322-N5900	134747	23343-0B710	231454
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		23312-L1800	131985	23324-10TDO	135188	23343-11M00	132421
		23312-M1500	131086	23324-43G00	135188	23343-12G02	137795
		23312-M1501	131086	23324-N5900	231391	23343-12G03	137795
		23312-M4901	132001	23325-KA010	137021	23343-16E01	138814
		23312-M8000	131988	23330-99202	136529	23343-16E02	138814
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		23312-M8101	131987	23330-T9002	133057	23343-18005	130811
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		23312-N5900	132001	23331-43600	140335	23343-18C06	138817
		23312-T9003	133058	23331-99002	141023	23343-1E401	333001

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
23343-20H12	133052	23343-OM210	231454	23378-50Y12	139238	23383-42L60	137829
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23343-21P10	138817	23343-P5111	133052	23378-53J00	137653	23383-50Y03	138706
23343-22P00	138817	23343-Q9000	134457	23378-53J10	135467	23385-42L70	136895
23343-22P71	133039	23343-R9000	133052	23378-53Y00	139166	23385-50Y12	139205
23343-29000	132914	23343-T0110	133052	23378-54A00	133730	23385-57J10	139416
23343-29006	132914	23343-T0111	133052	23378-57J10	140591	23441-25500	140227
23343-30R11	138011	23343-T3470	132059	23378-H5000	132424	23441-37501	140317
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23343-36A10	133052	23343-W2800	138363	23378-W2810	140348	23465-V0700	133608
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23343-37503	130811	23343-Z9000	132914	23378-AA060	135339	23470-43G00	137302
23343-37506	131431	23343-Z9006	132914	23379-09900	140340	23470-54A00	136111
23343-37A10	133052	23343-Z9011	139851	23379-0M300	140953	23470-GT000	230714
23343-43G00	133750	23343-AA000	133288	23379-1000	140334	23470-M8001	134477
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23343-84A17	138012	23354-W3410	139409	23379-99015	140823	172869	133855
23343-85A11	138011	23357-02N00	133916	23379-G7000	140339	182869	133857
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23343-88407	135287	23357-0C010	139410	23379-J5500	140378	981419	133856
23343-99013	130811	23357-0M300	235485	23379-M0100	140336	982187	133856
23343-99101	132470	23357-20H12	133007	23379-M4900	140338	982189	133856
23343-99105	139958	23357-25F00	133606	23379-V0700	140597	985063	133856
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23343-99204	233122	23357-50Y01	230868	23380-10600	140340	ONAN	
23343-99212	231734	23357-M4901	133041	23380-10611	140385	191-1087	231954
23343-B5010	131802	23357-N5900	233742	23380-10611	140385	191-1430	132472
23343-B5011	131802	23357-P0610	231502	23380-10G00	140567	191-1443	137739
23343-C0600	132058	23357-V0700	133042	23380-10T00	140379		
23343-C6800	132423	23357-W1011	133007	23380-16E01	140334	OPEL	
23343-C6804	132423	23357-W1700	133042	23380-19900	140341	1203165	130465
23343-C8601	134812	23358-07G00	140225	23380-21000	140334		
23343-D0300	132093	23358-07G00	140225	23380-21010	140391		
23343-E3011	133052	23358-M4900	140226	23380-37502	140339	PERKINS	
23343-E5011	131802	23358-V0700	140457	23380-37503	140339	2848203	130872
23343-G7001	132059	23359-N5911	134950	23380-41B00	140986	2848209	130951
23343-G7002	131431	23359-W1710	134948	23380-42L60	140786	2848611	130853
23343-G8400	138823	23359-W2800	139276	23380-53J00	140781	28730188	133531
23343-H0100	130811	23360-30R12	135401	23380-53J01	140933	28730189	133531
23343-H5000	131144	23360-50Y12	139199	23380-57J13	140591		
23343-H5001	131144	23361-0M300	137932	23380-57M60	140786	PEUGEOT	
23343-H9100	132093	23361-1P115	135341	23380-61503	140595	583567	133453
23343-J5520	132423	23361-W3410	138565	23380-77A01	140786	583577	133439
23343-L6000	230697	23363-07G00	140222	23380-E3010	140556	95562679	133363
23343-M0100	130811	23367-0M300	137933	23380-G7000	140339		
23343-M4900	132093	23367-1P100	138707	23380-J2000	140595	PRESTOLITE	
23343-M8000	132094	23369-29000	132847	23380-J5500	140378	15-1	232905
23343-M8001	132094	23369-32000	133607	23380-M0100	140336	15-2	232905
23343-M8003	132094	23369-T9000	135187	23380-M4900	140338	24-3	140264
23343-M8011	133288	23369-Z9000	132847	23380-M8310	140349	24-3	B140264
23343-M8100	130294	23372-99004	139665	23380-M8311	140349	15-4	232905
23343-M8110	133052	23376-AA000	137976	23380-U0110	140556	15-5	232905
23343-M8111	133052	23378-05E00	132090	23380-V0700	140597	MAJ4003	235620
23343-M8210	133049	23378-10G00	133730	23380-W2500	140379	MAJ4036	235620
23343-N3300	131800	23378-1E400	137121	23383-0M300	137935	MAJ4039	235620
23343-N3301	131800	23378-1E400	333647	23383-0M301	137934	MAJ4048	235620
		23378-41B00	139166	23383-31W00	231302		

Cross reference list

STARTER PARTS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
PRESTOLITE <i>Continued</i>							
15-275	133857	MAB4109	235620	REMY (DELCO)		1114257	130499
15-283	133855	MAS4006	235620	549	235620	1114263	130499
15-298	133855	MAS4109	235620	32395	235620	1114264	130499
15-323	138068	MAU4037	235620	35058	140181	1114266	130499
15-325	232905	MAU4043	235620	35070	140064	1114268	130499
15-326	137766	MAW4048	235620	35070	B140064	1114270	130499
15-335	133855	MAX-4013	235620	38273	140070	1114271	130499
15-351	133857	MAX4081	235620	83091	130499	1114272	130499
15-365	133855	MAY4135	235620	103893	133023	1114273	130499
15-368	133857	MCL6206	235620	112632	232917	1114277	130499
15-386	138068	MDL-1063S	EX85-862/1	132255	233411	1114278	130499
15-393	133855	MDL-1064	230987	186798	137733	1114279	130499
15-394	133856	MDL2012CS	EX85-862/1	274875	233412	1114281	130499
15-3F	133856	MDL-2012CS	EX85-862/1	443527	233412	1114283	130499
15-400	133857	MG-77A	140053	453465	233162	1114287	130499
15-407	130493	MG-77A	B140053	800026	131769	1114289	130499
15-411	133856	MGD-2032S	140712	800066	130539	1114290	130499
15-420	133856	MGL-2032S	140713	800066	130539Z	1114291	130499
15-444	133856	MHJ7103	235631	800067	132731	1114293	133814
15-452	231811	MP-41A	141157	800068	131056	1114294	130499
15-453	231811	MZ-19S	132741	800069	131770	1114295	130499
15-471	133855	MZ4042	235620	800074	231970	1114297	130499
15-472	133855	MZ4057	235620	800077	130542	1114298	133814
15-486	133856	MZ-40AS	140264	800091	132113	1114299	130499
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15-57	232905	MZ4142	235620	800965	138128	1114306	130499
15-61	232905	MZ4145	235620	801077	133461	1114322	132696
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15-63	232905	MZ4146A	235620	801227	230571	1114325	130499
15-64	232905	MZ4147	235620	801433	132678	1114327	133814
17-103	140712	MZ4147T	235620	801662	135939	1114328	130499
17-171	140713	P1-858	235631	801883	233684	1114330	130499
17-39	EX85-862/1	PD-7A	131766	807358	235630	1114333	130499
18-18	235631	PD-8A	131768	810620	140181	1114334	130499
18-58	235631	PD-9A	131768	811194	235630	1114335	130499
19-195	235624	PP-8A	131768	817807	235635	1114336	130499
24-23	140053	SAD-4001	232905	818265	230029	1114337	130499
24-23	B140053	SAD-4101	232905	820148	140182	1114338	133814
24-28	141157	SAD-4201	232905	820149	230679	1114339	130499
24-29	140264	SAD-4301	232905	821453	138660	1114340	130499
24-29	B140264	SAD-4401	232905	830540	131401	1114341	130499
36-67	230987	SAD-4403	232905	830620	130539	1114344	130499
42-32	141213	SAD-4501	232905	830620	130539Z	1114346	130499
42-50	141213	SAD-4502	232905	830621	132731	1114347	130499
50-263	132741	SAD-4503	232905	830622	131767	1114348	130499
59-11	235626	SAF-4001	232905	830842	131401	1114349	130499
59-146	235624	SAG-4001	232905	830845	230110	1114350	130499
59-16	235630	SAJ4003A	231811	851073	131056	1114351	130499
59-186	131766	SAJ4003B	231811	852961	131056	1114353	130499
59-195	235624	SAS-4211Y	130493	1107006	235620	1114354	130499
59-203	131768	SAZ-4201AC	133855	1107030	235620	1114356	130499
59-205	131768	SAZ-4201AHY	133857	1107035	235620	1114359	130499
59-248	235624	SAZ-4201AJ	133855	1107045	235620	1114362	130499
59-46	235629	SAZ-4201ANY	133855	1107169	235620	1114364	130499
63-34	235629	SAZ-4201AP	133857	1107174	235620	1114365	130500
63-45	235630	SAZ-4201BA	133855	1107412	235620	1114367	130499
63-5	235625	SAZ-4201BBY	133856	1107425	235620	1114373	133814
63-8	235625	SAZ-4201BC	133857	1107449	235620	1114378	130499
63-88	235629	SAZ-4201BH	133855	1107472	235620	1114379	130499
63-96	235625	SAZ-4201BR	133855	1107823	235620	1114380	130499
BRC-3103	235631	SAZ-4201BU	133856	1107878	235620	1114381	130499
EB-33	235630	SAZ-4201BW	133856	1108016	235620	1114388	130499
EB-59	235630	SAZ-4201CA	133855	1108093	235620	1114391	130499
EB-95	235624	SAZ-4201CJ	133855	1108096	235620	1114395	130499
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EBB-132	235624	SAZ-4201E	133855	1108637	235620	1114399	130499
EBB-174	235624	SAZ-4201ELY	133855	1108645	235620	1114430	130499
EBB-74B	235629	SAZ-4201ENY	133855	1108977	235620	1114458	130499
EVF-2012S	141213	SAZ-4201EW	133856	1109618	235620	1114460	130499
GBF-79	141158	SAZ-4201EY	133857	1109676	235620	1114466	130499
MAB4016	235620	SAZ-4201N	133856	1113027	235620	1114468	130499
MAB4025	235620	SAZ-4201R	133855	1114223	138068	1114474	130499
MAB4050	235620	SAZ-4201U	133857	1114250	130499	1114487	130499
MAB4051	235620	SAZ-4201X	133855	1114251	130499	1114488	130499
MAB4052	235620	SBD-4201	138068	1114252	130499	1114493	130499
MAB4065	235620	SBD-4201A	138068	1114253	130499	1114494	130499
MAB4068	235620	SBD-4201G	138068	1114255	130499	1114495	130499
MAB4089	235620	SBD-4401	137766	1114256	130499	1114496	130499

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
1114499	130499	1115621	230198	1852884	RX1224	1893754	230428
1114500	130499	1115622	231919	1852887	RX1246	1893929	132730
1114502	130499	1115623	231913	1852888	RX124H6	1894023	140776
1114504	130499	1115624	231917	1852889	RX1354	1894211	130539
1114508	130499	1115625	231920	1852891	RX1354	1894211	130539Z
1114510	130499	1115627	231919	1852892	RX1344	1894212	132731
1114514	131590	1115634	231926	1852893	RX135H4	1894213	131056
1114515	131590	1115640	230198	1852894	RX134H4	1894214	131770
1114517	131590	1115641	231922	1852898	140755	1894218	231970
1114518	131590	1115643	231921	1852970	131769	1894219	231970
1114524	131590	1115645	131369	1861363	235630	1894221	130542
1114526	131590	1115657	233869	1861785	136926	1894321	230010
1114529	131590	1115663	233869	1861791	230798	1894635	140074
1114530	131590	1115667	233873	1862002	235630	1894636	140070
1114531	131590	1115668	233873	1862383	140217	1894637	140477
1114534	138068	1115673	233873	1867150	132682	1894638	140478
1114556	130499	1115679	235641	1868355	130538	1894642	233057
1114557	131590	1115683	233869	1869755	140478	1894643	233048
1114562	131590	1115701	234476	1872678	140215	1894931	233408
1114564	131590	1115712	234476	1875687	130537	1901272	131058
1114565	130499	1119778	130500	1875802	130540	1902610	131058
1114566	131590	1119781	130499	1875835	131403	1906031	230540
1114569	131590	1119798	130499	1875852	130540	1906046	230540
1114571	131590	1119832	131364	1876358	230594	1906302	230540
1114576	232219	1119833	130500	1876361	138680	1906493	131058
1114578	235006	1119853	131363	1876366	131627	1906918	RX9212
1114580	137339	1119855	132696	1876429	131168	1906945	RX604
1114581	137339	1119858	132696	1876849	131058	1906958	RX874
1114582	235006	1119872	133060	1876857	130538	1906962	RX874
1114583	137370	1119877	130500	1876881	232050	1906966	RX604
1114584	232219	1119878	133060	1877306	132691	1906968	RX874
1114587	138217	1119879	131363	1877345	133545	1906986	RX708
1115501	130500	1119882	130500	1877347	233171	1906987	RX874
1115508	130500	1119883	232221	1877348	132699	1906988	RX698
1115510	130500	1119885	130500	1877350	138128	1906989	RX9212
1115512	132696	1119888	132696	1877353	130540	1906990	RX664
1115513	132696	1119890	130500	1877354	130540	1909855	235623
1115517	133060	1119910	130499	1877355	130538	1909885	235623
1115529	130500	1119919	130499	1877356	231972	1911644	230555
1115530	232218	1119923	130499	1877361	131400	1913027	230540
1115531	130500	1119933	130500	1878079	235625	1913100	139332
1115537	232221	1119935	130500	1878400	132729	1913433	132682
1115540	130500	1119936	130499	1880449	131058	1913587	235625
1115541	232218	1119946	130499	1881148	235630	1913589	235625
1115543	132696	1119981	130499	1881625	235645	1913749	235620
1115544	131364	1119986	130499	1882486	235630	1914341	131766
1115547	131364	1119988	132696	1882549	235623	1914373	233057
1115548	131364	1119998	130499	1885103	235623	1914593	233046
1115555	133060	1119999	130499	1887463	235625	1914647	230796
1115557	131364	1828393	130537	1887989	131365	1914842	230107
1115558	133060	1828396	132694	1891143	132682	1914869	230515
1115559	131364	1835965	235630	1891278	233408	1914873	232998
1115563	133060	1836505	140185	1891404	135786	1915133	235630
1115564	133060	1837321	235620	1891565	138136	1916272	136340
1115565	131363	1838065	133864	1891916	131658	1916439	230017
1115575	131363	1839345	140185	1891918	135338	1916775	133864
1115576	131364	1839348	140185	1891927	140215	1917164	235635
1115582	232221	1841148	235630	1892160	138680	1918047	132682
1115583	132696	1846089	131767	1892890	RX664	1918079	131768
1115584	232218	1846097	139798	1892899	131769	1918219	235625
1115591	131356	1846614	131627	1893268	139285	1918621	230378
1115593	131369	1846926	130495	1893276	230795	1920400	230017
1115594	131361	1846955	233428	1893277	230428	1920919	235630
1115595	131349	1847807	233428	1893293	132114	1921351	235635
1115597	139337	1850844	235626	1893296	RX1084	1921805	233048
1115598	231912	1851430	130540	1893303	232994	1921998	131766
1115600	139337	1851546	233010	1893304	232995	1921999	131769
1115601	131349	1851550	135786	1893358	132680	1922457	230798
1115604	131361	1851632	230540	1893370	139798	1922818	235620
1115605	131361	1851954	232966	1893443	131429	1923484	140477
1115607	131364	1851960	233051	1893445	131429	1923535	235636
1115608	131349	1851961	131168	1893449	131403	1923904	140183
1115609	139209	1852026	232879	1893453	230418	1923907	141123
1115610	231914	1852410	131769	1893477	131058	1925348	235635
1115612	231915	1852530	130551	1893560	131056	1926605	138144
1115613	139209	1852716	130538	1893561	231970	1926618	132113
1115617	231925	1852880	RX1214	1893562	131770	1926622	230517
1115618	231916	1852882	RX122H4	1893736	231972	1927200	132694
1115619	230198	1852883	RX122H4	1893752	232533	1927848	233014

STARTER PARTS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
REMY (DELCO) Continued							
1927849	233013	1945109	130495	1949429	233532	1964516	233001
1927850	233015	1945350	132693	1949606	130511	1964857	233142
1927853	230105	1945356	135938	1949619	133024	1965042	235637
1928021	233011	1945400	131058	1949620	232999	1965048	132691
1928022	233009	1945472	230513	1950001	132699	1965082	235642
1928023	131410	1945476	233141	1950058	130538	1965358	130540
1928966	133019	1945484	130530	1950307	131659	1965514	131056
1928998	131766	1945487	130539	1950417	131658	1965529	232050
1929402	131769	1945487	130539Z	1950546	132113	1965538	130537
1929404	135786	1945496	130495	1950946	132113	1965723	130537
1929558	235635	1945500	130923	1951069	230818	1965724	131400
1930611	233416	1945506	130511	1951180	130540	1965730	132691
1930694	138680	1945509	140074	1951189	130511	1965923	130537
1930802	131769	1945517	130520	1951254	130553	1966224	131401
1930812	131658	1945620	132131	1951567	131408	1966228	131401
1931585	132694	1945778	235637	1951603	138699	1966232	232493
1931654	230012	1945801	132679	1951788	132699	1966288	131401
1932031	131768	1945804	230108	1952083	130539	1966391	230106
1932188	136318	1945827	230106	1952135	136924	1966931	130538
1932190	140183	1945840	130554	1952410	131769	1967042	131137
1932197	232827	1945842	130537	1952427	139660	1967044	131661
1932200	132735	1945849	130523	1952530	130551	1967045	130552
1932205	131408	1945853	130496	1953041	132735	1967277	232050
1932308	130540	1945857	232504	1953151	231970	1967295	131661
1932526	131766	1945860	233052	1953223	232504	1967330	131058
1932545	131766	1945862	233144	1953233	130554	1967335	132952
1932604	132732	1945879	132731	1953236	232590	1967354	130523
1932605	131766	1945883	232866	1953242	131058	1967357	132056
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1932890	130540	1945906	130551	1954448	131174	1967747	233417
1933471	130538	1945916	232868	1954473	131401	1967779	130539
1933838	138128	1945963	130511	1954842	130537	1967779	130539Z
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1934488	130540	1946220	131769	1954861	132952	1968122	232050
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1935131	138133	1946229	130537	1955303	134665	1968355	130538
1935168	230106	1946386	130954	1955777	130539	1968396	139332
1935259	131137	1946391	130552	1955777	130539Z	1968998	233428
1935487	130539	1946400	RX604	1955937	131401	1969156	230571
1935487	130539Z	1946407	RX708	1955946	139798	1969323	130511
1935827	130537	1946414	132113	1955947	139798	1970310	232050
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1935992	131769	1946434	RX954	1955989	132056	1970454	130511
1936647	131056	1946473	RX708	1955990	232999	1970455	130511
1937310	132825	1946483	RX708	1955991	140074	1970469	139332
1937554	233173	1946484	RX874	1955994	140074	1970527	132731
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1938065	133864	1946491	RX1074	1956226	232911	1970548	131400
1938178	131174	1946575	130511	1956384	135338	1970711	131056
1938587	132113	1946725	235645	1956422	132686	1970988	233419
1938743	140181	1946765	230540	1956918	131658	1971147	235625
1939345	140185	1946945	131056	1957017	140944	1971167	131770
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1939970	230012	1947353	132686	1957846	130511	1971563	131401
1940134	130540	1947542	138128	1957847	130511	1971568	131401
1940138	130540	1947680	131769	1958218	131057	1971706	133545
1940385	138699	1947912	133545	1958949	131174	1971707	130538
1940475	230517	1947920	131770	1959514	233413	1971839	130495
1940548	131400	1948078	130954	1960370	130539	1971979	132694
1940624	131400	1948098	130954	1960370	130539Z	1974157	133019
1941067	233015	1948452	130511	1960853	132392	1974352	130537
1941109	133019	1948464	131661	1960864	138144	1974355	136318
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1941113	132735	1948508	130923	1960908	139799	1974641	233173
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1941157	130538	1948521	232986	1961463	131058	1974778	130495
1941589	131769	1948522	130522	1961666	130511	1974786	131403
1941657	231972	1948529	230513	1962599	231739	1974929	130495
1942244	131137	1948537	230516	1962601	132877	1975046	130538
1942245	130531	1948600	131661	1962602	230678	1975073	135786
1942250	130521	1948606	131056	1962603	133027	1975194	131429
1942257	133461	1948690	130531	1962606	140404	1975249	138133
1942258	140074	1948691	131137	1962814	230571	1976129	132691
1942553	130531	1948877	138128	1962932	230570	1976832	230105
1942877	231972	1948999	130552	1963470	235629	1976861	RX954
1942950	130538	1949109	130495	1963772	231737	1976884	130539
1943600	233173	1949112	131661	1964056	230571	1976884	130539Z
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1944841	230540	1949243	137485	1964410	233012	1977005	131056

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
1977006	131770	1986819	135338	3471797	133147	10457168	133976
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1977013	130542	1986928	232928	3471912	130465	10457357	233757
1977031	133019	1986973	230410	3471929	131273	10457359	233758
1977264	132952	1986995	230883	3471977	131272	10457361	233756
1977306	132691	1987049	230010	3471979	131273	10457362	233387
1977355	130538	1987079	230010	3471982	131119	10457366	230186
1977490	230883	1987152	133507	3472200	136946	10457367	230186
1977661	232866	1987172	131362	3491016	132076	10457368	231800
1978123	135338	1987175	131354	3491027	131272	10457369	231819
1978136	230594	1987211	131481	3874045	130536	10457565	235444
1978282	230882	1987254	138680	9411375	133026	10457579	133975
1978292	230410	1987373	132877	9412305	233418	10457601	231927
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Cross reference list

STARTER PARTS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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28530-0390	140358	TECUMSEH		28110-72030	136934	28150-15012	131807
28531-0300	140357	32572	141211	28110-74010	136572	28150-15013	131807
28531-0680	140363	33431	234256	28111-46010	140329	28150-16110	230581
31220-79030	133590	33842	234261	28111-46011	140330	28150-16160	136886
31220-82230	135590	33844	234121	28111-46012	140329	28150-16271	234916
31320-63210	131110	33849	141210	28111-47010	141235	28150-17040	230574
31320-78130	134960	34949A	234122	28111-51010	140326	28150-22011	130814

STARTER PARTS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
TOYOTA <i>Continued</i>							
28150-23010	131084	28226-54220	139047	B-3503	230851	SD-3180	237834
28150-23011	131084	28226-54380	139494	B-4114	137167	SD-4014	133437
28150-24010	231997	28226-64200	233689	LE-3308	233376	SD-4061	233436
28150-24011	130814	28229-56080	135474	LE-6011	235313	SD-4111	132459
28150-24030	231997	28235-54070	132563	LE-6023	134745	SD-4161	231795
28150-24060	130814	28235-70020	137979	LE-7005	232969	SD-4163	233967
28150-24061	130814	28251-15090	136887	M-0101	139203	SD-4226	230557
28150-24070	130814	28251-50020	136887	M-0102	135468	SD-5031	233457
28150-24071	130814	28251-54070	139455	M-0105	136895	SD-5032	233458
28150-25010	130814	28253-1040A	235140	M-0112	133403	SD-5036	137753
28150-25013	130814	28253-1050A	235211	M-0113	139200	SD-5036	137753Z
28150-25032	130814	28253-45020	140222	M-0114	135341	SD-5051	136795
28150-31040	134933	28254-45020	138570	M-0115	136894	SD-5054	138568
28150-31050	134933	28254-64040	233546	M-0122	231291	SD-5057	233892
28150-31051	131084	28254-77090	138569	M-0209	138579	SD-5058	234911
28150-33020	130814	28274-87501	136087	M-1509	138584	SD-5060	139653
28150-33021	130814	28274-87502	138026	M-1513	230500	SD-5075	234720
28150-34060	138183	28317-22060-71	134484	M-2209	237015	SD-5080	233451
28150-34070	130814	90099-00138	230721	P-06007	137042	SD-5102	139840
28150-34080	138183	90099-00158	230721	P-06106	136655	SD-5103	234719
28150-36050	131084	90099-01146	141237	P-06212	135403	SD-5136	230857
28150-37010	131807	90099-01538	230058	P-06406	137045	SD-5170	138681
28150-41011	130814	90099-01539	233690	P-06407	137044	SD-5274	234708
28150-41020	131084	90099-07047	138026	P-06512	135404	SD-5278	233452
28150-46090	230582	90099-07124	136087	P-2022	231391	SD-5279	132865
28150-46120	230582	90099-08100	230059	P-2106	231106	SD-6001	235286
28150-54011	137980	90099-10028	140328	P-3508	231891	SD-6002	235285
28150-54051	137980	90099-10031	140325	P-3513	133021	SD-6104	137218
28150-54140	137980	90099-10058	140325	P-3516	138565	SD-8151	233743
28150-54181	230827	90099-10134	140333	P-3519	230717	SEL-05	131408
28150-54190	137980	90099-10149	140424	P-3801	231388	SH-2301	234947
28150-54220	137980	90099-10150	140425	P-4403	137712	SH-2301	333574
28150-54290	230827	90099-10157	140426	P-4407	231988	SH-3200	133342
28150-54380	234960	90099-10158	140427	P-4412	133450	SH-3600	232311
28150-56011	137033	90099-10180	140787	P-500101	139489	SH-5006	139488
28150-60040	130814	90099-10181	141011	P-500112	139455	SH-5011H	137021
28150-60060	131084	90099-10182	140792	P-500129	231764	SN2S-258	138311
28150-66011	134413	90099-10183	140788	P-500608	139490	SNLS-021	333006
28150-70030	234992	90099-87501	136087	P-500631	139487	SNLS-022	333007
28150-72080	138184	TRANSP0		P-5008	138576	SNLS-066	333018
28150-74070	138002	6000-2RS	140271	P-501208	230561	SNLS-067	333013
28150-74120	233897	608-2RS	140222	P-5015	231805	SNLS-071	333016
28150-74130	234915	902-2ZZ	140224	P-502227	233375	SNLS-106W	231178
28150-74140	234915	903-2RS	140225	P-502708	234419	SNLS-112BR	333020
28150-75130	230583	904-2RS	140226	P-5613	233374	SNLS-116ATP	333004
28150-77060	134413	906-2RS	140868	P-601008	231487	SNLS-116BTR	333012
28150-77061	134413	M5-244A	131270	P-610217	230715	SNLS-117ATP	333005
28150-87203	130814	UNIPOINT		P-610303	231489	SNLS-1352	235816
28150-87208	135652	AM-0300	136196	P-610314	138305	SNLS-143K	130497
28150-87704	131807	AM-1057	234217	P-610315	231287	SNLS-145K	137809
28151-22060	132879	AM-1060	137042	P-610322	231286	SNLS-146CK	131057
28160-11711	136862	AM-1065	234213	P-700503	141009	SNLS-146P	131367
28160-15090	134370	AM2018	137069	P-700507	231459	SNLS-147CK	131058
28160-1560	138964	AM-2370-1	231493	P-700511	231456	SNLS-147P	131368
28160-26070	132796	AM-2411-1	239092	P-700515	139821	SNLS-148K	130498
28160-54070	134369	AM-3200-1	239829	P-800119	136033	SNLS-151	232221
28160-54071	134369	AM-4200	131365	P-800120	231387	SNLS-154P	130489
28160-54380	139148	AM-4220	130551	P-800128	231803	SNLS-155P	130488
28160-70021	136884	AM-4251	130553	P-800201	136897	SNLS-156P	133180
28160-74070	136896	AM-4290	233960	P-800230	231483	SNLS-157G	133146
28160-75120	231894	AM-4322	130923	P-800717	230581	SNLS-157P	133181
28160-76060	137953	AM-5011H	137978	P-802117	234879	SNLS-1773	235609
28160-77090	132553	AM-5021	139148	P-803317	234916	SNLS-17A	133617
28160-87207	136884	AM-6007	333061	P-804430	231529	SNLS-17B	333015
28160-87503	136862	AM-7900	234100	P-8310	233454	SNLS-236B	135583
28160-87702	135824	AM-7900-1	234100	P-911307	233453	SNLS-2371	233716
28160-87705	134369	B-0305	138683	P-911807	234681	SNLS-237L	134378
28160-87706	134370	B-0314	137169	RS-225	130879	SNLS-245P	131345
28163-10020	136088	B-0403	134677	SD-2090	234323	SNLS-24A	132940
28163-70020	136089	B-0503	230850	SD-2107	137891	SNLS-258K	234917
28163-87501	136088	B-0603	135897	SD-2107	137891Z	SNLS-2809	130302
28163-87701	136089	B-0703	134815	SD-2192	138308	SNLS-2809	333137
28163-87702	136175	B-1003	137763	SD-2192	138308ZZ	SNLS-2809	130302Z
28165-26040	135342	B-1203	136199	SD-3018	237015	SNLS-2819	130303
28165-77090	138608	B-2114	137896	SD-3036	233846	SNLS-2819	333138
28177-70020	139049	B-220314	233663	SD-3038	236079	SNLS-2819	130303Z
28211-51011	140326	B-3114	137619	SD-3039	232054	SNLS-2961	231711
28222-77090	138148			SD-3042	236080	SNLS-2962	130303
28226-28051	237531			SD-3080	236110	SNLS-2962	333138

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
SNLS-2962	130303Z	1090040KT30SM	140714	KT10900	140714	074771	134935
SNLS-2963	231711	1127040CP30SM	136660	KT18900	231162	074952	140119
SNLS-2964	234129	1385540AT30SM	234213	KT20249	140714	074952	B140119
SNLS-2964	333164	1389040AT30SM	137042	KT21368	140749	074981	139588
SNLS-2965	231711	1637540DV30SM	135401	KT47601	140749	075093	PSX81-824
SNLS-2965	333165	1693240CP30SM	136655	SO51189	138068	075162	130461
SNLS-2966	231711	1780040AT30SM	137044			075165	130461
SNLS-2966	333165	1801940DV30SM	135400	VALEO KOR. → VALEO		075238	USX682
SNLS-305	232452	1819740CP30SM	231004	VALEO		075269	PSX115-1162
SNLS-327K	134430	1820040DV30SM	135408	030828	140066	075289	140683
SNLS-329K	139085	1822140CP30SM	136660	030828	B140066	075289	B140683
SNLS-330K	139112	1890040KT30SM	231162	035070	140064	075371	137291
SNLS-331K	133200	2024940KT30SM	140714	035070	B140064	075379	132899
SNLS-332K	131078	2025040CP30SM	136655	046388	140672	075452	PSX64-702
SNLS-333K	131079	2034640DV30SM	135404	046388	B140672	075593	131188
SNLS-334K	131275	2071640CP30SM	136655	046390	140673	075658	130238
SNLS-6006B	333008	2136140C930SM	231004	046390	B140673	075679	130757
SNLS-602	133076	2136840KT30SM	140749	046390	B140673	075707	PSX1324
SNLS-6022	331918	4419240DV30SM	135406	046695	135292	075914	132954
SNLS-603	133290	4733840DV30SM	135409	047403	140068	075943	PSX115-1162
SNLS-6033	234160	4743140CP30SM	136655	047403	B140068	075953	131618
SNLS-6037	230018	4760140KT30SM	140749	047852	140065	076651	130432
SNLS-603A	234159	4787140DV30SM	135402	047852	B140065	076828	233503
SNLS-603B	234161	4793640KT30SM	140714	048499	140679	076870	133169
SNLS-603C	234162	4823040CP30SM	137045	048499	B140679	076885	134360
SNLS-605B	333009	4872940CP30SM	137045	050488	140067	076980	130759
SNLS-606A	333017	4872940SC30SM	137045	050488	B140067	077171	130758
SNLS-6073	139537	5265040CP30SM	231003	050488	B140067	077265	131208
SNLS-6074	237498	5265440KT30SM	140714	050531	140667	077417	139595
SNLS-608	231978	5663540AT30SM	234217	051914	140043	077526	138140
SNLS-6089	231977	5668140CP30SM	136660	051914	B140043	077770	131798
SNLS-609	133039	5668640C930SM	231004	053459	133169	77770	131798
SNLS-609-G	133275	566864CP30SM	231004	053770	130757	077771	130241
SNLS-609N	231820	5695240KT30SM	231162	054104	235085	077774	134083
SNLS-610CP	134915	5695340KT30SM	135409	054174	235086	077776	130463
SNLS-610P	133284	5695KT30SM	135409	054335	235087	077991	130462
SNLS-610S	233889	5703840CP30SM	136660	055105	130456	078039	140501
SNLS-610XP	230385	5716740KT30SM	140714	055330	140680	078039	B140501
SNLS-612G	133270	6024140GE30SM	230399	055330	B140680	078166	PSX106-1072
SNLS-614E	333001	6073540KT30SM	140714	055578	136431	078265	130461
SNLS-6216	139784	7010440DV30SM	135402	056328	136426	078861	130463
SNLS-6241	231996	7017540DV30SM	135400	58071	235790	078862	130432
SNLS-627K	137798	AT13855	234213	059058	130461	078863	131188
SNLS-631P	134627	AT13890	137042	059305	133442	078900	PSX1124
SNLS-645K	134841	AT17767	137044	059390	131343	079011	130463
SNLS-647B	231819	AT17800	137044	059427	139478	079243	139380
SNLS-672P	133286	BG3037S	141227	059453	231717	079243	132962
SNLS-675A	231457	BG3038S	141228	059454	136671	079476	133149
SNLS-675AK	231458	BG661011S	141226	059724	132953	079646	132170
SNLS-751P	230914	CP01456	136655	060991	130425	079692	130434
SNLS-7531	237102	CP17188	137045	068763	140667	079801	131173
SNLS-7532	138418	CP18197A3	231004	070672	130456	092010	233503
SNLS-7607	137870	CP20250	136655	071381	140670	092079	130432
SNLS-775	333002	CP20716	136655	071381	B140670	092081	131188
SNLS-R121	234163	CP48229	137045	071437	140669	092179	130461
SNLS-R132	333010	CP48230	137045	071437	B140669	092181	130463
SNLS-R241	230186	CP48231	137045	072101	140066	092181	130463
SNLS-R243	233891	CP48719	137045	072101	B140066	092322	131798
SNLS-R247	237090	CP48749	137045	072175	138646	092433	PSX108-1092
SNLS-R252	333011	CP551353AS	136655	072591	PSX64-702	092448	130463
		CP551406A	136660	072595	PSX54-692	092524	231331
		CP551406AS	136660	072619	PSX77-784	092528	135018
		DV02557	135403	072630	PSX83-844	092533	135018
		DV08154	135402	072631	PSX81-824	092645	136273
		DV16375	135401	072632	PSX77-784	092655	PSX115-1162
		DV18019	135400	073294	134791	092718	132962
		DV18200	135408	073302	131071	092744	PSX1254
		DV20346	135404	073315	137289	092878	PSX1292/1P
		DV44192	135406	073684	130461	092883	PSX1304
		DV47338	135409	073695	139221	092914	142345
		DV47871	135402	074077	136428	092914	PSX1332
		DV551067	135409	074322	140680	092925	PSX1324
		DV551067A	135409	074322	B140680	092999	133970
		DV551067AS	135409	074330	140671	093079	133442
		DV551068A	135411	074330	B140671	093141	134360
		DV551092A	135410	074515	133712	093297	130432
		DV551092AS	135410	074653	136427	093304	131173
		DV70104	135402	074657	231720	093321	130463
		DV70175	135400	074658	136426	093509	130461
				074764	131071	093511	131173

Cross reference list

STARTER PARTS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
VALEO <i>Continued</i>							
093566	134360	099932	133128	182039	137957	182460	133533
093623	130759	100111	131798	182041	135645	182461	131171
093625	131188	100187	131798	182047	131999	182462	133534
093670	130461	100234	231849	182048	132029	182463	133166
094202	132964	100462	132025	182049	132027	182464	133128
094635	132962	101061	131127	182050	231117	182467	230126
094701	134360	101091	132968	182051	136320	182498	136320
094782	131798	101292	132175	182052	230253	182520	133128
094795	131071	101581	131813	182053	132028	182563	132977
095033	134083	101582	133991	182056	134813	182591	135387
095304	131173	101598	132962	182058	136620	182594	138857
095374	131798	101646	133168	182060	136227	182717	136255
095381	130463	101649	132199	182061	140531	182848	139477
095425	131069	101763	235840	182063	140533	183412	134292
095442	131068	101910	137271	182064	PSX115-1162	183957	133647
095464	130760	101923	132618	182065	PSX1292/1P	184194	135282
095609	131187	102101	131127	182066	142345	184448	132974
095654	140676	102190	133166	182066	PSX1332	184488	132975
095654	B140676	102197	132268	182067	142345	184630	138642
095699	133150	102217	131171	182067	PSX1332	184671	138408
095755	134360	102295	232011	182068	PSX1304	184795	139318
095759	131071	102380	131813	182069	PSX54-692	184799	231667
095823	131798	102846	132176	182070	PSX119-1202	185182	131999
095955	131020	102849	131584	182072	PSX106-1072	185283	233450
095956	130761	103063	140959	182073	PSX122-123-124	185290	135084
095958	130761	103063	B140959	182074	140534	185441	135083
095965	133214	103066	232632	182095	140535	185457	137455
095972	136881	103489	131584	182096	140536	185744	231667
095976	134615	103611	132177	182112	PSX77-784	185915	135389
095981	133136	103624	132178	182114	PSX81-824	186020	135083
095990	130762	103783	131798	182115	PSX81-824	186321	139905
096053	131798	103794	131584	182117	140840	186381	133647
096118	130432	104147	132107	182118	PSX1324	186448	140919
096119	131188	104150	132108	182132	PSX83-844	186456	133897
096414	230218	104164	140440	182136	140537	186867	135647
096473	131810	104164	B140440	182138	140539	186938	135647
096485	140684	104502	132178	182139	140540	187077	138113
096485	B140684	104594	133532	182140	140541	187084	234088
096486	138140	104604	133163	182142	140526	187144	PS155B
096507	131117	104927	132206	182145	140851	187144	PSX1554
096573	132623	105254	133534	182146	PSX1124	187428	139320
096628	139595	105294	132109	182148	136005	187449	231413
96628	139595	105325	132200	182149	139647	187528	139478
096666	132268	105325	132200Z	182152	138176	187567	230353
096859	130461	105328	132110	182153	PSX83-844	187778	PSX142-1444
097062	130759	105332	132200	182154	132971	187779	PSX142-1444
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097338	133442	105464	140258	182156	132971	187863	139473
097394	136642	105464	B140258	182157	140472	187888	PSX1564
097802	137573	105489	131584	182158	140473	187983	230354
097804	134790	105538	131999	182159	139535	188256	135084
097843	131117	105540	132020	182160	138647	188571	PS145
97895	235789	105715	140259	182162	PSX884	188595	234086
098048	132268	105715	B140259	182163	132972	188993	231932
098065	131798	106009	130948	182164	140474	190097	234119
098098	132190	106062	132956	182175	132027	190097	333653
098356	132173	106140	132181	182176	133897	190986	PSX160-1644
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098437	132191	108458	133166	182187	138643	191769	239359
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098802	134360	180237	PSX1124	182197	139174	191772	PS170B
098888	140038	180546	231351	182201	133167	191772	PSX169-1704
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098896	130948	180753	136619	182243	139898	191773	PS170B
098945	136620	180754	133233	182423	132967	191773	PSX169-1704
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099382	131127	181068	132022	182432	132968	192125	237776
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099623	134645	181142	132968	182442	133169	193512	139473
099686	132966	181277	132021	182448	132623	194440	330533
099687	132967	181404	132024	182452	132268	194480	330533
099738	131170	181961	133646	182455	131798	300591	133150
099741	131190	182036	138112	182457	133151	300679	PSX81-824
099745	133167	182037	PSX152-1538	182458	232011	300687	PSX1304
099931	131111	182038	138645	182459	133163	300706	PSX133K2

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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300841	PSX136-1374	594156	132025	594348	235106	594538	135081
300842	134902	594157	136320	594351	139224	594541	235706
330104	330104	594163	135085	594351	333648	594542	235707
442911	131431	594163	333203	594354	139985	594547	235708
504047	133128	594169	PSX148-159K	594355	133128	594549	235709
544059	136320	594177	137733	594356	235179	594551	234151
549185	135389	594178	132976	594360	PSX148-159K	594569	231537
588799	133442	594181	231610	594361	231073	594573	234188
589053	133442	594183	232012	594362	231163	594579	231238
589074	132962	594185	135389	594363	231072	594592	234152
589077	132964	594187	138151	594365	135390	594597	236805
589173	131343	594188	132977	594368	135084	594604	132976
593253	138112	594189	132977	594370	132976	594607	136255
594015	133079	594192	231466	594373	138151	594631	234819
594019	133079	594195	230599	594374	137732	594638	232041
594020	135420	594200	234021	594378	233996	594646	236801
594021	133079	594207	133079	594380	233795	594657	236270
594022	135420	594208	231718	594381	231841	594658	236269
594024	136908	594214	135647	594382	234086	594665	236609
594028	132028	594219	233697	594386	142346	594673	236611
594029	132974	594220	138945	594386	PSX144-145K	594674	333317
594030	139153	594221	230733	594389	231093	594696	237776
594031	132974	594222	233617	594390	139439	594699	234387
594032	132975	594232	133079	594391	234388	594704	136255
594033	139153	594234	133079	594392	234389	594724	330689
594034	139318	594236	138187	594394	234386	594725	139473
594035	231667	594237	133079	594395	234387	594726	330452
594040	132022	594238	138187	594401	234153	594743	236626
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594043	230963	594242	231074	594410	231932	594779	332103
594045	132976	594243	135636	594411	232041	594780	136763
594046	234579	594245	131999	594412	138187	594780	333646
594047	132977	594247	138113	594413	233795	604521	140065
594048	232012	594248	234918	594414	236975	604521	B140065
594053	133533	594251	139905	594417	230950	612459	133178
594054	137300	594252	137733	594421	139476	618481	USX682
594060	142346	594253	230032	594422	137732	2106053	138642
594060	PSX144-145K	594255	137732	594426	135390	2590944	137579
594061	PSX146-147K	594259	137732	594431	235416	2EM0578E	231000
594062	142346	594262	139439	594436	234231	2EM0588F	235210
594062	PSX144-145K	594266	233708	594436	234231Z	2EM0654B	135485
594063	142346	594267	132976	594438	236258	2EM0689H	134736
594063	PSX144-145K	594268	132976	594444	237444	3EM092301D	135467
594064	PSX146-147K	594269	132976	594447	139476	72591A	PSX64-702
594065	PSX1292/1P	594271	136255	594448	138187	72632H	PSX77-784
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594069	138114	594275	132976	594451	234996	CED402	133169
594070	133647	594276	135392	594452	139476	CED406	133169
594072	133646	594277	139985	594453	236896	CED41	133169
594075	135820	594278	135387	594454	233795	CED416	133169
594084	133078	594279	139478	594458	142000	CED417	131798
594086	137455	594280	136255	594460	138854	CED419	131798
594087	132977	594281	139439	594461	236859	CED426	133149
594098	132025	594283	233994	594463	234846	CED427	131798
594105	133079	594286	141067	594465	236238	CED428	131798
594106	138408	594287	139473	594472	235252	CED429	133169
594107	233450	594288	234778	594474	235268	CED434	131798
594108	135083	594289	230950	594477	231476	CED437	131798
594110	231667	594290	139224	594478	231476	CED438	133150
594112	135387	594290	333648	594479	139224	CED439	131798
594112	239544	594291	233496	594479	333648	CED442	131798
594113	132976	594295	231413	594487	233318	CED443	132623
594115	135392	594297	233481	594488	233317	CED444	131798
594117	132977	594298	138112	594501	234390	CED445	133150
594118	135390	594302	233616	594502	234391	CED448	131798
594119	132977	594303	230353	594508	235335	CED451	131798
594127	142346	594305	135392	594510	235133	CED454	131798
594127	PSX144-145K	594308	234088	594518	233767	CED455	133150
594129	230032	594309	234089	594519	139434	CED456	133150
594130	230032	594314	235179	594520	235493	CED457	133150
594136	135084	594317	142346	594522	231476	CED458	131798
594138	230222	594317	PSX144-145K	594523	231476	CED460	131798
594140	135390	594319	132976	594526	134513	CED461	131798
594141	135388	594322	132976	594528	230250	CED465	133150
594145	132976	594324	230354	594529	139593	CED468	131798
594148	132027	594325	132976	594530	230250	CED501	131071
594151	133079	594344	135387	594531	139593	CED502	131071

Cross reference list

STARTER PARTS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
VALEO <i>Continued</i>							
CED5033	139476	NE288	131094	WAI		54-124-3	131056
CED510	131071	NE295	133221	4251	140188	54-125-2	132731
CED511	132268	NE296	130949	668160	235639	54-131	133507
CED512	131071	NE305	235088	8-8101	140495	54-132	131481
CED514	132268	NE306	235088	8-8301	140738	54-132-5	131481
CED517	133151	NE346	133121	8-8302	140920	54-133	233173
CED518	133128	NE347	133120	8-8303	141065	54-135	132695
CED528	133166	NE348	133122	8-8500	140768	54-136	131769
CED529	131171	NE350	133123	8-8501	140457	54-138	133545
CED530	232011	NE355	131009	8-8502	140468	54-138-2	133545
CED533	131584	NE361	131009	8-9102	140198	54-139	130540
CED537	133533	NE362	131797	8-9105	140733	54-139-9	130540
CED538	131584	NE379	140533	8-9107	140242	54-1401	235715
CED539	131071	NE381	140543	8-9108	140617	54-140-5	135816
CED540	133163	NE421	232011	8-9109	140619	54-141	132943
CED541	133532	NE427	132110	8-9400	140919	54-141-5	132943
CED543	133534	NE443	132623	10-1041-4	141009	54-143	235626
CED544	131584	NE483	136426	10-9041-4	140412	54-143-9	235626
CED546	133533	NE484	136426	17-1702	135642	54-145	235629
CED548	133533	NE485	130461	4-1090	135400	54-153	230911
CED549	132025	NE486	140473	41-5500	134488	54-154	231968
CED550	132024	NE500	133214	44-2910	131984	54-154-2	231968
CED563	132977	NE510	134360	46-2501	233010	54-156-1	138222
CED564	132977	NE515	132962	4-752	136208	54-159	138128
CED565	133128	NE573	235085	51-102-2	232531	54-160	133545
CED568	132025	NE575	132962	51-105-4	231746	54-163	235623
CED569	132977	NE623	140535	51-110	231748	54-166	231967
CED580	234579	NE666	140472	51-110-4	231748	54-167	231967
CED621	132968	NE735	140474	51-1120	231739	54-167-9	231967
CED624	135820	NE776	133897	51-1124	232552	54-172	131768
CED71	135292	NE777	132976	51-1124-2	232552	54-174	231966
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NC082	133970	NE784	132974	51-1128	232956	54-201	131399
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NE003	140531	NE815	133128	51-117-2	139283	54-204	130535
NE005	140533	NE824	135387	51-122	232050	54-204-9	130535
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NE007	140536	NE831	135084	51-132	131481	54-208-9	133864
NE008	140537	NE845	135392	51-133	235642	54-209	130535
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NE012	140541	NE898	232012	51-188	230882	54-212-2	136633
NE018	235790	NE936	233697	51-188-4	230882	54-213	235624
NE029	130238	NE955	231413	51-222-2	232050	54-216-1	138209
NE034	130241	NE957	230353	51-253	231152	54-217	234861
NE040	131069	NE966	230354	51-254	231153	54-300	131220
NE041	131020	NE971	139477	51-255	231210	54-301	130536
NE042	133136	PSX148-1494	PSX144-145K	51-8106	230485	54-7001	135408
NE046	132173	PSX148-157K	PSX148-157K	51-8107	235658	54-7002	135400
NE050	131190	PSX148-158K	PSX148-158K	51-8108	230485	54-7003	139418
NE053	131813	PSX148-159K	PSX148-159K	51-8201	136935	54-7006	230399
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NE081	134083	PSX160-1644	PSX160-1644	51-8302	233062	54-7012	230399
NE089	134628	PSX166-1674	PSX166-1674	51-8303	231364	54-7016	135400
NE092	131127	PSX168-1674	PSX168-1674	51-9101	137763	54-7019	135402
NE098	133168	PSX169-1704	PSX169-1704	52-212	231142	54-8100-1	131985
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NE132	131798	TM009C02001Z	137219	52-8200	231638	54-8114	131086
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NE138	131584	TM400B08301	133050	52-8307	231571	54-81204	133606
NE139	132977			53-107	230818	54-8127	133266
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NE142	133533	36-46-26	234231Z	54-100	132695	54-8132	133445
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NE153	235087	36-46-57	330800	54-103	233171	54-8141	133437
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NE159	133532	62-42-49	330226	54-113	232053	54-8145	132453
NE160	130757	62-42-50	236891	54-118-2	131766	54-8152	231804
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NE187	133442	62-42-68	333341	54-122	131770	54-81600	135362
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NE207	133233	VOLVO		54-123	130539	54-8202-1	132004
NE209	131999	1367094	133437	54-123	130539Z	54-8203	130442
NE210	230253	1377095	133436	54-123-3	130539	54-8205-1	130441
NE212	133336			54-123-3	130539Z	54-8207	130442
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54-8219	136745	54-9119	131108	54-9418	130424	59-9113	130128
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54-82206	132866	54-91202	132308	54-9424	131999	59-9126	137234
54-82208	135310	54-91203	130418	54-9427	132177	59-9201	130882
54-8221	133712	54-91203	333175	54-9428	132182	59-9203	130213
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54-82219	139606	54-91205	137199	54-9430	131170	6-100-4	140271
54-82220	135003	54-91207	130417	54-9431	136426	6-100-4N	140271
54-82221	132942	54-9122	138867	54-9432	130422	6-100-4W	140271
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54-8233	133805	54-9125	130415	54-9503	133860	61-117	131168
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54-82406	230254	54-9141	333220	55-8201	139492	61-151	233960
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54-9100	130404	54-9306	130738	59-8203	135751	61-9121	130117
54-9100	333231	54-93200	130417	59-8206	135102	61-9122	131379
54-9104	131712	54-9401	130463	59-8208	135750	61-9123	130117
54-9108	131267	54-9402	130759	59-8209	135749	61-9131	132814
54-91101	137888	54-9404	132177	59-8303	232970	61-9132	138674
54-91101	333192	54-9405	130461	59-8303-1	232970	61-9134	132031
54-91103	137483	54-9406	134645	59-8400-1	134836	61-9138	136986
54-91103	333191	54-9408	132178	59-8400-2	134836	61-9148	233715
54-9111	131207	54-9409	132206	59-8400-3	134836	61-9149	234022
54-91113-3	139954	54-9410	132200	59-8401-1	135610	61-9150	231065
54-91113-3	333208	54-9410	132200Z	59-8401-2	135610	61-9151	139658
54-9112	135801	54-9411	130948	59-9103	138317	61-9205	133368
54-9114	132697	54-9412	130757	59-9106	132360	61-9207	132401

STARTER PARTS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
WAI Continued							
61-9301	230746	62-83400	141149	66-5200	132141	66-82773	233169
61-9401	131813	62-83405	141150	66-600	232905	66-82775	132568
61-9402	132027	62-83502	140908	66-7000	133856	66-82775	135385
61-9405	131190	62-83600	141131	66-7001-2	231811	66-8302	131802
61-9409	131813	62-83700-8	140484	66-7804	141210	66-8304	133052
61-9410	131020	62-84503	141128	66-8101	130811	66-8309	139614
61-9412	132109	62-84504	140906	66-8104	131144	66-8318	138418
61-9415	130147	62-85300	140648	66-8105	131800	66-83200	133287
61-9416	134513	62-85900	140938	66-8106	132093	66-83202	133113
61-9417	139593	62-85901	141182	66-8107	132059	66-83203	133287
61-9900	131930	62-91200	141117	66-8112	132094	66-83204	232225
62-1201	141046	62-91304	140204	66-8118	132915	66-83205	134915
62-1302	140940	62-91305	141118	66-81201	134620	66-83206	133285
62-1304	141047	62-91307	140563	66-81203	133276	66-83207	133284
62-1307	141122	62-91308	140842	66-81204	133778	66-83209	138821
62-1402-3	140183	62-91402	140009	66-81205	133803	66-8321	235103
62-1404	141124	62-91403	140003	66-81207	133276	66-83211	137931
62-1408-1	140660	62-91405	140012	66-81208	138818	66-83212	231458
62-1500-S	140185	62-91408	140017	66-81209	138819	66-83213	134625
62-1501-D	140181	62-91411-1	140854	66-81211	133779	66-8322	234319
62-1502	140181	62-91601	140962	66-81212	231911	66-83222	133286
62-1503	140070	62-91700	140026	66-81213	138818	66-83223	232225
62-1600	140074	62-91800	140111	66-8131	133044	66-8325	133289
62-1601	140478	62-91902	140692	66-8135	139784	66-8326	133288
62-1702	140406	62-93400	140200	66-8136	232200	66-8326-2	133288
62-1800	140477	62-93500	140202	66-8138	138814	66-8327	133049
62-1801	140206	62-94201	140499	66-8142	232002	66-8328	133039
62-1804	141048	62-94400	140040	66-8145	138817	66-8340	234875
62-1805	141125	62-94702	141160	66-8147	234555	66-8341	133289
62-1903	141126	62-99500	140043	66-8148	138739	66-8349	138012
62-2200	140787	64-100-81N	140271	66-8150	234556	66-8352	234320
62-2301	141074	64-301-9	130536	66-8155	132058	66-8360	231983
62-2402	140844	64-84700	140449	66-8156	231910	66-8363	231457
62-2403	141075	6-608-4	140222	66-8158	132698	66-8366	137813
62-2500	141076	6-608-4W	140222	66-81700	133270	66-8367	234291
62-2600	140553	66-105	235641	66-81701	135105	66-8370	231454
62-26004-1	140188	66-110	131363	66-8211	230576	66-83701	233166
62-2700	140843	66-113-1	234476	66-8217	233951	66-83704	233167
62-3400	140186	66-1202	131367	66-8218	233952	66-83705	133275
62-3700-1	140196	66-1203	131368	66-82201	133099	66-8373	234292
62-5700	141143	66-1204	131057	66-82203	137869	66-8375	237498
62-5800	141144	66-1205	131058	66-82213	133779	66-8377	139202
62-6500-1	140052	66-1208	135324	66-82350	139642	66-8378	139586
62-6601	141158	66-1212	139429	66-82351	139643	66-8379	230204
62-6602	140257	66-1216	130497	66-82352	139644	66-8380	234723
62-804	141048	66-1218	137809	66-82353	139640	66-8400	134630
62-81200	141132	66-1223	138409	66-82354	139641	66-8400-2	134630
62-81300	141133	66-1226	139429	66-82355	233066	66-8402	132498
62-81301	141134	66-1302-1	130497	66-82450	132707	66-8409-2	132499
62-81402	141135	66-1303	135323	66-82452	132706	66-8410-2	134974
62-81402-1	140311	66-1308	137809	66-82453	132884	66-8412-2	133482
62-81409	141136	66-131	132944	66-82454	132881	66-8413-2	133395
62-81600	140306	66-1315	232031	66-82455	133094	66-8414-2	135674
62-81605	140489	66-1316	130497	66-82456	132708	66-84201	137824
62-81606	140805	66-139	131590	66-82457	132883	66-84203	137824
62-81700	141137	66-1404-1	135643	66-82458	136607	66-84650	139836
62-81701	141138	66-147	231926	66-82459	136606	66-8500	133076
62-81703	141140	66-155	235609	66-82460	138929	66-8501	133076
62-81801	141082	66-1604	130522	66-82461	138931	66-8502	136983
62-81900	141142	66-1607	133022	66-82552	135343	66-8503	137023
62-8215-1	140885	66-1608	130521	66-82601	132570	66-8506	230018
62-82201	140965	66-1700	132952	66-82603	136374	66-8507	232004
62-82202	140788	66-1701	233396	66-82603-1	136374	66-85200	133782
62-82220	140788	66-1701-1	233396	66-82606	132570	66-85201	137084
62-82400	141153	66-1705	139430	66-82650	233069	66-9101	130477
62-82401	140787	66-1706	139431	66-82651	233077	66-9105	131141
62-82402	140326	66-204	131590	66-82652	233078	66-9105	333144
62-82403	140326	66-210	233890	66-82654	135016	66-9106	132361
62-82404	140325	66-2201	137582	66-82750	131831	66-9106	333167
62-82405	141011	66-2201-1	137582	66-82751	131830	66-9111	131189
62-82600	140777	66-2203	138497	66-82752	131833	66-9116	131143
62-82800	141154	66-2204	138497	66-82753	131831	66-9116	333147
62-82801	141155	66-2401	232942	66-82754	132064	66-91201	139213
62-82904	140774	66-2402	232943	66-82757	233168	66-91202	131847
62-83300	140555	66-2550	137529	66-82758	235638	66-91203	132781
62-83301	141145	66-2551	137529	66-82760	233079	66-91204	132780
62-83302	141146	66-2755	137529	66-82765	233080	66-91205	133159
62-83303	140731	66-302	131393	66-82767	132565	66-91206	133777
62-83304	141148	6-638-4	140960	66-82771	233081	66-91207	131317

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
66-91208	132779	68-139	140755	68-8315	140559	68-9302	JSX204
66-91209	138006	68-140	141045	68-8317	140560	68-9303	MASX13-144
66-9121	130302	68-143	141114	68-8317	GAS119	68-9307	MASX17-184
66-9121	333137	68-149	141242	68-8317	GAS120	68-9403	USX91-922
66-9121	130302Z	68-203	FX412/1P	68-8318	140591	68-9404	USX91-922
66-91210	132780	68-204	FX412/1P	68-8321	140921	68-9405	USX73-852
66-91211	132279	68-205	FX412/1P	68-8322	140921	68-9406	USX73-852
66-91213	136108	68-205-1	FX412/1P	68-8323	140559	68-9411	PSX1332
66-91215	138004	68-206	140548	68-8328	141245	68-9412	PSX1332
66-91218	133447	68-207	140548	68-8330	141245	68-9413	PSX1292/1P
66-9126	131586	68-207-1	140548	68-83702	136946	68-9414	PSX1292/1P
66-9126	333146	68-208	140548	68-83800	140388	68-9419	PSX136-1374
66-9130	133428	68-208-1	140548	68-8500	140841	68-9420	PSX136-1374
66-9131	130474	68-217	140845	68-8501	140841	68-9421	PSX81-824
66-9132	137826	68-218	140845	68-8800	134839	68-9422	PSX81-824
66-91352	133573	68-219-1	140845	68-8900	140706	68-9423	PSX83-844
66-91353	133572	68-220	140845	68-9100	BSX524	68-9424	PSX83-844
66-9141	137368	68-220-1	140845	68-9102	BSX494	68-9427	PSX1324
66-9147	132258	68-223	140955	68-9103	BSX434	68-9430	PSX1324
66-9147	333142	68-224	140955	68-9108	BSX1044	68-9431	PSX1324
66-9156	133141	68-227	140975	68-9109	BSX1044	68-94800	PSX1292/1P
66-9158	135358	68-227	B140975	68-9110	BSX137-1434	68-95801	IKSX2-32
66-9159	136692	68-228	140975	68-9111	BSX137-1434	68-9900	140465
66-9164	138005	68-228	B140975	68-9113	BSX134-1444	6-902-2	140224
66-9165	133487	68-300	CHX101P	68-9114	BSX1304	6-902-4	140224
66-9166	137696	68-301	CHX101P	68-9116	BSX964	6-904-2	140226
66-9167	137175	68-301-1	CHX101P	68-9117	BSX1004	6-904-4	140226
66-9170	133424	68-620	EX85-862/1	68-9118	BSX1314	6-904-4W	140226
66-91701	132275	68-621	EX85-862/1	68-9120	BSX704	6-906-4	140868
66-91702	136034	68-635	141213	68-9121	BSX124F4	69-108-1	135720
66-9172	136371	68-7801	141053	68-9122	141183	69-109	230406
66-9175	133421	68-7802	141049	68-9124	142326	69-111	235500
66-9175	333545	68-7803	141211	68-9124	BSX135-1454	69-113-1	232968
66-9176	134376	68-7805	141052	68-9125	BSX764	69-114	230396
66-9180	134823	68-7806	139394	68-9126	142325	69-117	232984
66-9181	130300	68-8104	140336	68-9126	BSX151S4	69-118	232671
66-9184	135358	68-8105	140336	68-9127	BSX1404	69-120	232968
66-9188	138313	68-8106	140341	68-9128	134658	69-1200	132114
66-9190	230356	68-8108	140334	68-9128	333296	69-1201	131406
66-9190	333157	68-8110	140334	68-9129	134658	69-1201-1	131406
66-9191	139014	68-8113	140376	68-9129	333296	69-1201-2	131406
66-9194	234859	68-8116	140391	68-9129-1	134658	69-121	234768
66-9195	231801	68-8119	140376	68-9129-1	333296	69-1500	132730
66-9195	333493	68-8120	140377	68-9130	BS159	69-1700	132115
66-9196	138971	68-8121	140378	68-9130-1	134658	69-1701	230517
66-9196	333148	68-81212	231911	68-9130-1	333296	69-1708	136929
66-9204	130855	68-8122	140786	68-9132	BS158	69-1710	230390
66-9207	131248	68-8123	140786	68-9133	BSX138-1424	69-200	136635
66-9209	131248	68-8128	140852	68-9134	BSX444	69-202	232670
66-9211	133531	68-8131	140781	68-9135	BSX1474	69-2206	233406
66-92201	131275	68-8132	140781	68-9136	BSX1484	69-2704	137526
66-9301	130830	68-8133	140786	68-9138	141008	69-301	131413
66-9401	133163	68-8134	141023	68-9139	134658	69-700	230397
66-9403	133534	68-8135-1	140378	68-9139	333296	69-7200	230402
66-9410	131009	68-8201	140362	68-9140	134658	69-8103	132425
66-9411	131013	68-8202	140356	68-9140	333296	69-8104	133332
66-9412	132241	68-8206	140591	68-9142	BSX134-1444	69-8105	133333
66-9413	131798	68-8209	140349	68-9143	136557	69-8106	133332
66-9414	133150	68-8211	140362	68-9143	333286	69-8107	133333
66-9416	133532	68-8212	140362	68-9144	135015	69-8108	132425
66-9417	133166	68-8214	140885	68-9144	333287	69-8114	137750
66-9418	132268	68-8215	140885	68-9144-3	135015	69-8115	137750
66-94200	132968	68-8216	140963	68-9144-3	333287	69-8117	137121
66-94202	131332	68-8217	140963	68-9145	135015	69-8120	133730
66-9427	136255	68-8220-1	140740	68-9145	333287	69-8200	132871
66-9427-1	136255	68-8221	140647	68-9146	BSX163-1644	69-8201	132872
66-94700	132147	68-8223	140393	68-9147	BSX163-1644	69-8202	132873
66-9500	135092	68-8224	140393	68-9200	LASX43-442	69-8203	132874
66-9501	134042	68-8225	140976	68-9201	LASX37-38-39	69-8205	136314
66-9900	132069	68-8226	140976	68-9202	LASX22	69-8208	138672
66-9901	132069	68-8302	140595	68-9203	LASX73-412/1P	69-8210	133660
67-703	132940	68-8303	141189	68-9204	LASX73-412/1P	69-8211	136103
67-703-1	132940	68-8306	140387	68-9206	LASX364	69-8302	132475
67-710	133857	68-8308	140388	68-9207	LASX314	69-8306-3	133340
67-713	133856	68-8309	140378	68-9208	LASX15-274	69-8312	231460
67-714	133855	68-8310	140708	68-9209	LASX15-274	69-8318	137929
68-107	RX954	68-8314	140560	68-9210	LASX5-62/1P	69-8332	234811
68-110-3	RX708	68-8314	GAS119	68-9211	LASX5-62/1P	69-83701	136947
68-117	RX124H6	68-8314	GAS120	68-9212	LASX5-62/1P	69-9101	134093

STARTER PARTS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
WAI Continued				WAPSA			
69-9105	131184	74-1115	232920	79-1123	132589	0224052	235780
69-9109	133558	76-1113	232924	79-1124	132590	YAMAHA	
69-9111	139144	76-1115	230394	79-1134	137062	124195-77741	131986
69-9111	333538	76-1200	232518	79-1135	137063	129242-77100	235337
69-9111-3	139144	76-1251-1	230594	79-1136	137064	129900-77400	233886
69-9111-3	333538	76-1310	232985	79-1150	232937	129900-77520	233887
69-9118	134661	76-1607	232672	79-1154	232939	6M6-8183E00-00	230761
69-9119	135015	76-1608	232673	79-82100	132635	YANMAR	
69-9119	333287	76-1609	230595	79-83104	134949	114371-77110	230758
69-9120	132303	76-1612	232675	79-83300	232597	114371-77180	235371
69-91200	138326	76-1703	235680	79-84100	232941	118400-77251	137120
69-91201	134659	76-1803	232926	79-84500	134840	121254-77401	137092
69-91201	333595	76-1861	135465	79-91102	133314	121254-77610	138121
69-9125	138326	76-1867	233160	79-91104	133316	121254-77660	133266
69-91702	135460	76-1874	233016	79-91106	133317	121254-77671	132059
69-91706	132576	76-1876	232360	79-91107	133318	124190-77110	134662
69-91707	133557	76-1888	235738	79-91108	133309	124195-77760	232487
69-91708	135299	76-1889	235688	79-91109	133310	129136-77500	132798
69-92700	132209	76-1890	235687	79-92100	135497	129400-77530	138739
69-94200	132574	76-2101-1	233027	79-92102	135501	129698-77101	137948
69-94200-1	132574	76-2800	137528	79-92105	233045	129698-77161	230487
71-1107	139660	76-2801	137527	79-92300	131298	129698-77230	235485
71-1111	132707	76-2801-1	137527	8-123	140750	129900-77510	230556
71-1302	230106	76-2801-2	137527	8-125	140751	129900-77540	230557
71-1308	230539	76-2805	139648	81-81100	235632	129900-77590	230558
71-1309	230540	76-2808	231146	8-201	140242	171008-77440	138342
71-1310	133024	76-2809	136637	84-1201	233417	X-211437001	131144
71-1320	232587	76-2810	231154	84-1207	233428	X-2114460120	230866
71-1503	136340	76-2814	136721	84-1217	233413	X-211447007	132093
71-1509	233052	76-2819	231147	84-1222	233412	X-2114510050	138959
71-1510	233053	76-2820	231143	84-1300	233408	X-211457001	131800
71-2309	136639	76-2821	231377	84-1342	230413	X-211461104	138960
71-2313	232948	76-2822	231139	84-1345	230795	X-211472106	139073
71-5300	136412	76-81801	232592	84-1410	233411	X-2114721060	138342
71-81301	232593	76-81802	232591	84-1411	233416	X-211487004	131800
71-82102	138914	76-81804	231390	84-1415	230012	X-21203700Z	131431
71-82300	131837	76-82550	132897	84-1417	230418	X-2130531300	231487
71-82303	132889	76-82551	131836	84-1419	230515	X-2130610020	137473
71-82305	136317	76-82552	131835	84-1425	230516	X-2130650060	235501
71-82306	134328	76-82554	131834	84-1433	230515	X-213067000	132059
71-82307	137594	76-82555	333023	84-1437	139799	X-21307000	137541
71-82308	134329	76-82555	231427	84-1502	139332	X-21307300	137936
71-82309	137591	76-82558	137588	84-1504	139332	ZEN	
71-82310	232596	76-82559	132870	84-2302	233667	0768	333125
71-82311	232594	76-82561	132709	84-2409	233418	0828	332138
71-82312	137976	76-82565	131834	84-4400	233419	1004	333126
71-82314	232595	76-82570	233097	84-4603	230796	1111	135374
71-82322	137590	76-82571	137204	84-4610	230107	1158	233835
71-82502	232434	76-82575	132705	84-4613	139983	1158	333204
71-82512	139421	76-82802	132894	84-4613	139983	1187	131111
71-82514	139422	76-82806	135217	84-5901	230010	1483	233947
71-83102	230759	76-82811	135217	84-7600	230798	1483	333212
71-83105	139205	76-82812	135474	84-7603	234294	1539	233830
71-83302	233164	76-82813	138027	84-7605	230472	1539	233830Z
71-84100	133974	76-82813	138027	84-7606	230029	1545	235290
71-84101	232589	76-83807	233059	84-7704	233672	1545	333542
71-84700	135199	76-83812	230549	84-7706	138660	1576	234535
71-85300	133670	76-83815	235502	84-7707	230555	1576	333195
71-85302	233055	76-83817	233060	84-7707	230555	1592	137218
71-91103	136915	76-84806-1	230188	84-7708-1	234302	1616	139520
71-91304	234887	76-85800	133561	84-7709	138659	1629	234168
71-91305	136915	76-85801	133562	84-8901	230362	1629	333222
71-91309	136176	76-89600	233541	85-1327	233692	1630	138985
71-91310	133478	76-89606	135492	85-1328	233691	1630	138985Z
71-91314	137173	76-91803	137744	85-1334	139115	1631	234158
71-91316	137173	76-91806	137746	85-1336	233064	1632	234785
71-94100	134106	76-91812	132604	85-1339	233154	1632	333551
71-94300	134107	76-91817	135848	85-1357	233152	1642	330265
72-1106	233979	76-91818	135846	85-1358	233151	1642	333188
72-1112	232917	76-91820	135847	85-1360	233153	1643	233836
72-1400	230539	76-91822	135970	85-1370	235686	1643	333593
72-2115	233407	76-94809	133954	85-1509	135645	1643	233836Z
72-82100	137589	76-94810	233592	85-4502	233694	1655	232623
72-82408	132063	79-1111	130519	85-7500	233695		
72-82409	135168	79-1113	131348	91-353	133572		
72-82410	135167	79-1115	232929	D54-337P	133507		
72-82413	135476	79-1116	131500	D54-338P	131481		
72-82415	139420	79-1117	131501	D54-479	130538		
72-94400	134289	79-1119	130529	D54-482	130540		
		79-1120	131490				

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
1655	333564	1.01.0149.0	333540	1.01.0360.0	132005	1.01.0500.0	131192
1692	231932	1.01.0150.0	130453	1.01.0360.0	132005Z	1.01.0502.0	132782
1693	235663	1.01.0155.0	130452	1.01.0361.0	131097	1.01.0504.0	132288
1695	333479	1.01.0155.0	130452Z	1.01.0361.0	333233	1.01.0507.0	131732
1696	330125	1.01.0170.0	130449	1.01.0362.0	130388	1.01.0517.0	131988
1696	333581	1.01.0182.0	131770	1.01.0365.0	131108	1.01.0518.0	131987
1697	333678	1.01.0184.0	131110	1.01.0366.0	131019	1.01.0519.0	133268
1698	333681	1.01.0188.0	131768	1.01.0366.0	333205	1.01.0520.0	131433
1699	333679	1.01.0189.0	130432	1.01.0367.0	131065	1.01.0520.0	333172
1700	333682	1.01.0213.0	130738	1.01.0367.0	333190	1.01.0520.0	131433Z
1701	333680	1.01.0215.0	130762	1.01.0367.0	131065Z	1.01.0523.0	132291
1702	236752	1.01.0216.0	130761	1.01.0376.0	131984	1.01.0524.0	131090
1706	331730	1.01.0217.0	130456	1.01.0378.0	131271	1.01.0526.0	132822
1708	235200	1.01.0220.0	130412	1.01.0378.0	333217	1.01.0528.0	131344
1714	236876	1.01.0221.0	130401	1.01.0381.0	138128	1.01.0530.0	132178
1718	332145	1.01.0222.0	130400	1.01.0382.0	131086	1.01.0532.0	135569
1720	239777	1.01.0223.0	130390	1.01.0389.0	131716	1.01.0536.0	136208
1720	333234	1.01.0224.0	132365	1.01.0392.0	131270	1.01.0537.0	131852
1727	135581	1.01.0225.0	132367	1.01.0393.0	132197	1.01.0538.0	131475
1752	236797	1.01.0226.0	130416	1.01.0394.0	132188	1.01.0538.0	333223
1757	331010	1.01.0227.0	131713	1.01.0395.0	132187	1.01.0540.0	131212
9186	132043	1.01.0228.0	130414	1.01.0398.0	130447	1.01.0541.0	132852
9260	132044	1.01.0228.0	333516	1.01.0404.0	131021	1.01.0543.0	130730
9307	132866	1.01.0228.0	130414Z	1.01.0405.0	130462	1.01.0544.0	130740
9492	138123	1.01.0228.0	130414ZZ	1.01.0406.0	131432	1.01.0554.0	133360
12839	237769	1.01.0229.0	130995	1.01.0407.0	131109	1.01.0555.0	130542
1.01.0004.0	132694	1.01.0243.0	130465	1.01.0408.0	131715	1.01.0557.0	133682
1.01.0013.0	136318	1.01.0244.0	130434	1.01.0409.0	131035	1.01.0558.0	136642
1.01.0020.0	130537	1.01.0245.0	130424	1.01.0410.0	130747	1.01.0560.0	134643
1.01.0028.0	130415	1.01.0246.0	131188	1.01.0410.1	134065	1.01.0561.0	231330
1.01.0032.0	235624	1.01.0247.0	130461	1.01.0411.0	131708	1.01.0566.0	130540
1.01.0035.0	130417	1.01.0248.0	130759	1.01.0412.0	131707	1.01.0567.0	131769
1.01.0036.0	131714	1.01.0249.0	130463	1.01.0413.0	131206	1.01.0568.0	232053
1.01.0044.0	132163	1.01.0280.0	135355	1.01.0414.0	131705	1.01.0570.0	132177
1.01.0050.0	130536	1.01.0285.0	130760	1.01.0417.0	131489	1.01.0571.0	131170
1.01.0051.0	130540	1.01.0286.0	130897	1.01.0418.0	132702	1.01.0572.0	131995
1.01.0052.0	131769	1.01.0287.0	131111	1.01.0418.0	333209	1.01.0572.0	333577
1.01.0053.0	130535	1.01.0287.1	131111	1.01.0419.0	131597	1.01.0573.0	132079
1.01.0063.0	131709	1.01.0288.0	130948	1.01.0419.0	333228	1.01.0573.0	132079Z
1.01.0064.0	130451	1.01.0290.0	132366	1.01.0420.0	131102	1.01.0574.0	132181
1.01.0065.0	130404	1.01.0291.0	130950	1.01.0420.0	333220	1.01.0576.0	133712
1.01.0065.0	333231	1.01.0291.0	333207	1.01.0420.0	131102Z	1.01.0579.0	132216
1.01.0067.0	130446	1.01.0293.0	133738	1.01.0425.0	132344	1.01.0579.0	333174
1.01.0068.0	130405	1.01.0295.0	130757	1.01.0426.0	131628	1.01.0579.0	132216ZZ
1.01.0068.0	333520	1.01.0300.0	130402	1.01.0427.0	231954	1.01.0580.0	132453
1.01.0078.0	132308	1.01.0301.0	131267	1.01.0428.0	131150	1.01.0582.0	132965
1.01.0080.0	130406	1.01.0302.0	135801	1.01.0429.0	132311	1.01.0584.0	133454
1.01.0087.0	130418	1.01.0304.0	132697	1.01.0430.0	131596	1.01.0591.0	133683
1.01.0087.0	333175	1.01.0306.0	135664	1.01.0431.0	131117	1.01.0594.0	136338
1.01.0087.0	130418Z	1.01.0307.0	130405	1.01.0433.0	132695	1.01.0595.0	132011
1.01.0089.0	135860	1.01.0307.0	333520	1.01.0434.0	132634	1.01.0596.0	132012
1.01.0093.0	130538	1.01.0309.0	131022	1.01.0442.0	131098	1.01.0597.0	137643
1.01.0096.0	130445	1.01.0310.0	130931	1.01.0447.0	133498	1.01.0599.0	132014
1.01.0097.0	131056	1.01.0311.0	131712	1.01.0448.0	131985	1.01.0600.0	132010
1.01.0098.0	131267	1.01.0312.0	131712	1.01.0449.0	132286	1.01.0601.0	132821
1.01.0101.0	131269	1.01.0313.0	131711	1.01.0450.0	132005	1.01.0608.0	130739
1.01.0103.0	132364	1.01.0314.0	230159	1.01.0450.0	132005Z	1.01.0610.0	135816
1.01.0105.0	132273	1.01.0315.0	131381	1.01.0453.0	130920	1.01.0611.0	132943
1.01.0105.0	333227	1.01.0318.0	132364	1.01.0455.0	231962	1.01.0612.0	135063
1.01.0105.4	132273	1.01.0319.0	130409	1.01.0460.0	131207	1.01.0612.0	135063Z
1.01.0105.4	333227	1.01.0320.0	130930	1.01.0461.0	132200	1.01.0613.0	132169
1.01.0108.0	130396	1.01.0321.0	136285	1.01.0461.0	132200Z	1.01.0616.0	132009
1.01.0108.0	333521	1.01.0322.0	130450	1.01.0474.0	135251	1.01.0617.0	136602
1.01.0110.0	130539	1.01.0323.0	130404	1.01.0475.0	133362	1.01.0619.0	132168
1.01.0110.0	130539Z	1.01.0323.0	333231	1.01.0475.0	333201	1.01.0620.0	138332
1.01.0111.0	132194	1.01.0325.0	130393	1.01.0480.0	132285	1.01.0620.1	136633
1.01.0117.0	131766	1.01.0326.0	130425	1.01.0482.0	131104	1.01.0622.0	138332
1.01.0118.0	130932	1.01.0327.0	130441	1.01.0482.0	333176	1.01.0623.1	231961
1.01.0119.0	132193	1.01.0337.0	131083	1.01.0482.0	131104ZZ	1.01.0624.0	131481
1.01.0120.0	130737	1.01.0338.0	131187	1.01.0483.0	132195	1.01.0625.0	133507
1.01.0124.0	231972	1.01.0339.0	130442	1.01.0484.0	130398	1.01.0626.0	132731
1.01.0131.0	130027	1.01.0341.0	132545	1.01.0485.0	134427	1.01.0628.0	138208
1.01.0134.0	131729	1.01.0343.0	138137	1.01.0486.0	131728	1.01.0629.0	133854
1.01.0135.0	133864	1.01.0349.0	131085	1.01.0487.0	131733	1.01.0630.0	132205
1.01.0139.0	130401	1.01.0350.0	130441	1.01.0491.1	131767	1.01.0630.0	333196
1.01.0140.0	130442	1.01.0351.0	131783	1.01.0497.0	131495	1.01.0630.0	132205Z
1.01.0141.0	130440	1.01.0352.0	131087	1.01.0497.0	333515	1.01.0631.0	131998
1.01.0144.0	130741	1.01.0353.0	130442	1.01.0498.0	133631	1.01.0631.0	333506
1.01.0149.0	131107	1.01.0355.0	131108	1.01.0499.0	131986	1.01.0631.0	131998Z

STARTER PARTS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
ZEN Continued							
1.01.0632.0	131997	1.01.0787.0	135647	1.01.0920.0	138308	1.01.1069.0	333215
1.01.0633.0	132167	1.01.0790.0	135091	1.01.0920.Z	138308ZZ	1.01.1070.0	230336
1.01.0634.0	134917	1.01.0790.0	135091ZZ	1.01.0921.0	137293	1.01.1070.0	333511
1.01.0635.0	132345	1.01.0791.0	133445	1.01.0921.0	137293Z	1.01.1071.0	136787
1.01.0635.0	333510	1.01.0792.0	133605	1.01.0925.0	137481	1.01.1071.0	333508
1.01.0636.0	134918	1.01.0793.0	137752	1.01.0925.0	333178	1.01.1072.0	230546
1.01.0638.0	133443	1.01.0793.1	135059	1.01.0925.0	137481Z	1.01.1073.0	138866
1.01.0639.0	134371	1.01.0794.0	135714	1.01.0926.0	133860	1.01.1074.0	135084
1.01.0639.0	134371Z	1.01.0796.0	138948	1.01.0929.0	137275	1.01.1076.0	130415
1.01.0641.0	136888	1.01.0797.0	135713	1.01.0931.0	137279	1.01.1081.0	234861
1.01.0642.0	132765	1.01.0797.0	333226	1.01.0932.0	137480	1.01.1082.0	130415
1.01.0644.0	132449	1.01.0798.0	136723	1.01.0932.0	333179	1.01.1088.0	130415
1.01.0646.0	132020	1.01.0799.0	135085	1.01.0932.0	137480Z	1.01.1090.0	130415
1.01.0647.0	132021	1.01.0799.0	333203	1.01.0932.0	137480ZZ	1.01.1092.0	130415
1.01.0648.0	134282	1.01.0800.0	132204	1.01.0936.0	133897	1.01.1095.0	130415
1.01.0648.0	333197	1.01.0801.0	231952	1.01.0937.0	136854	1.01.1108.0	230339
1.01.0649.0	133975	1.01.0803.0	136925	1.01.0937.0	333177	1.01.1108.0	333200
1.01.0650.0	133976	1.01.0805.0	135464	1.01.0937.0	136854Z	1.01.1111.0	135374
1.01.0651.0	134837	1.01.0805.0	333523	1.01.0937.0	136854ZZ	1.01.1124.0	136633
1.01.0656.0	131999	1.01.0806.0	136722	1.01.0938.0	137981	1.01.1152.0	139320
1.01.0657.0	132022	1.01.0808.0	137751	1.01.0938.0	333216	1.01.1153.0	231896
1.01.0658.0	138867	1.01.0809.0	136086	1.01.0946.0	132863	1.01.1153.0	333210
1.01.0661.0	131106	1.01.0810.0	136086	1.01.0947.0	132004	1.01.1156.0	137891
1.01.0662.1	231960	1.01.0811.0	132453	1.01.0948.0	233398	1.01.1156.0	137891Z
1.01.0666.0	135888	1.01.0812.0	136348	1.01.0951.0	135651	1.01.1158.0	233835
1.01.0669.0	139609	1.01.0814.0	138316	1.01.0953.0	130437	1.01.1158.0	333204
1.01.0677.0	132368	1.01.0815.0	134284	1.01.0954.0	139653	1.01.1159.0	231756
1.01.0678.0	134960	1.01.0816.0	139244	1.01.0958.0	231966	1.01.1159.0	333185
1.01.0679.0	137764	1.01.0817.0	137952	1.01.0960.0	133295	1.01.1162.0	139905
1.01.0682.0	130442	1.01.0818.0	137753	1.01.0961.0	133897	1.01.1171.0	136425
1.01.0684.0	133361	1.01.0818.0	137753Z	1.01.0962.0	131434	1.01.1172.0	135911
1.01.0686.0	133441	1.01.0820.0	133591	1.01.0962.0	333548	1.01.1173.0	134434
1.01.0689.0	139848	1.01.0821.0	133297	1.01.0965.0	139473	1.01.1174.0	132542
1.01.0691.0	133465	1.01.0822.0	133296	1.01.0968.3	232228	1.01.1451.0	231009
1.01.0692.0	132200	1.01.0823.0	132586	1.01.0969.0	136257	1.01.1451.0	333524
1.01.0692.0	132200Z	1.01.0824.1	138209	1.01.0970.0	136509	1.01.1458.0	139478
1.01.0694.0	133631	1.01.0825.0	137643	1.01.0970.0	333504	1.01.1467.0	234945
1.01.0695.0	233533	1.01.0828.0	332138	1.01.0972.0	137890	1.01.1483.0	233947
1.01.0706.0	132388	1.01.0829.0	233842	1.01.0972.0	333181	1.01.1483.0	333212
1.01.0711.0	136229	1.01.0830.0	133805	1.01.0972.0	137890Z	1.01.1539.0	233830
1.01.0712.0	137765	1.01.0831.0	132941	1.01.0975.0	139710	1.01.1539.0	233830Z
1.01.0721.0	231965	1.01.0832.0	132448	1.01.0975.0	139710Z	1.01.1545.0	235290
1.01.0722.0	137760	1.01.0833.1	137733	1.01.0985.0	233387	1.01.1545.0	333542
1.01.0727.0	231886	1.01.0836.0	135567	1.01.0997.0	137888	1.01.1576.0	234535
1.01.0729.0	135086	1.01.0837.0	131104	1.01.0997.0	333192	1.01.1576.0	333195
1.01.0729.0	135086Z	1.01.0837.0	333176	1.01.0998.0	139954	1.01.1592.0	137218
1.01.0737.0	132001	1.01.0837.0	131104ZZ	1.01.0998.0	333208	1.01.1616.0	139520
1.01.0737.1	132459	1.01.0838.0	234403	1.01.0999.0	139655	1.01.1629.0	234168
1.01.0745.0	135716	1.01.0841.0	234402	1.01.1005.0	136985	1.01.1629.0	333222
1.01.0745.0	333194	1.01.0843.0	139477	1.01.1011.0	138874	1.01.1630.0	138985
1.01.0747.0	135083	1.01.0844.0	133437	1.01.1016.0	137939	1.01.1630.0	138985Z
1.01.0749.0	230761	1.01.0844.1	133437	1.01.1017.0	231804	1.01.1631.0	234158
1.01.0750.0	137950	1.01.0850.0	137071	1.01.1018.0	136923	1.01.1632.0	234785
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Cross reference list

STARTER PARTS

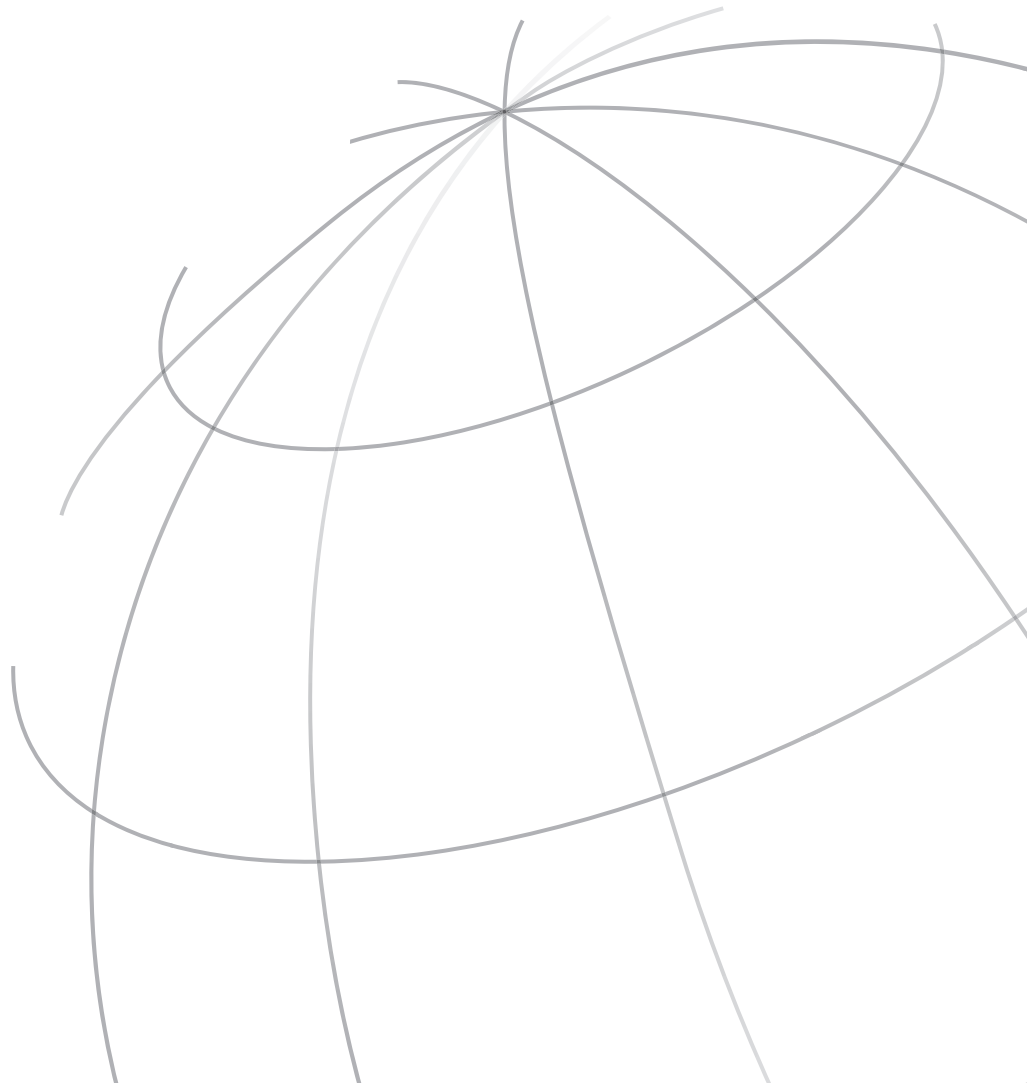
O.E.M. names and numbers are used for reference purposes only.

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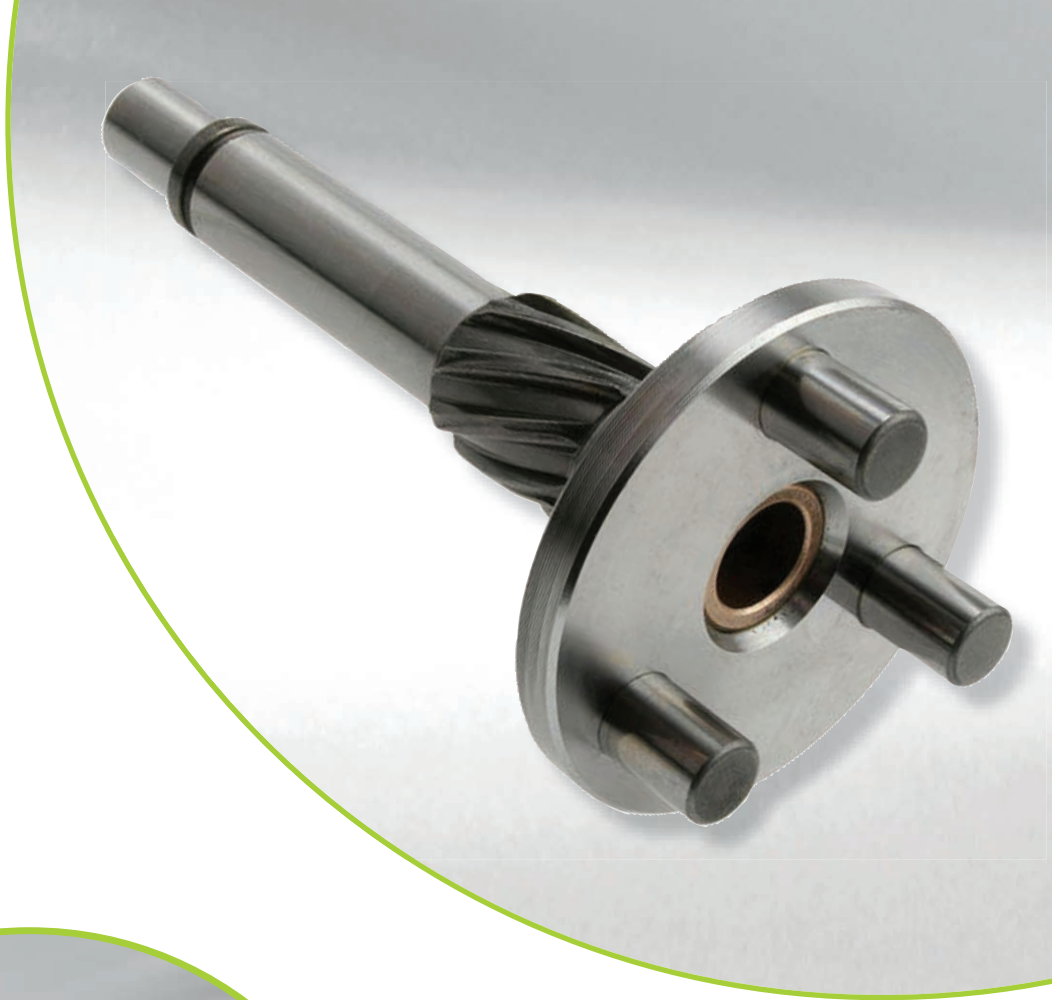
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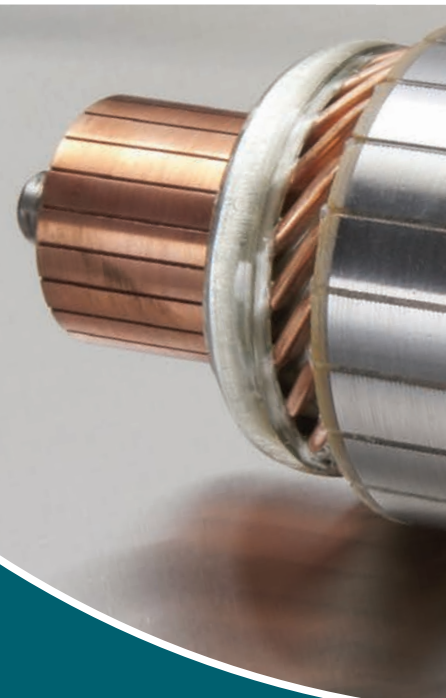
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