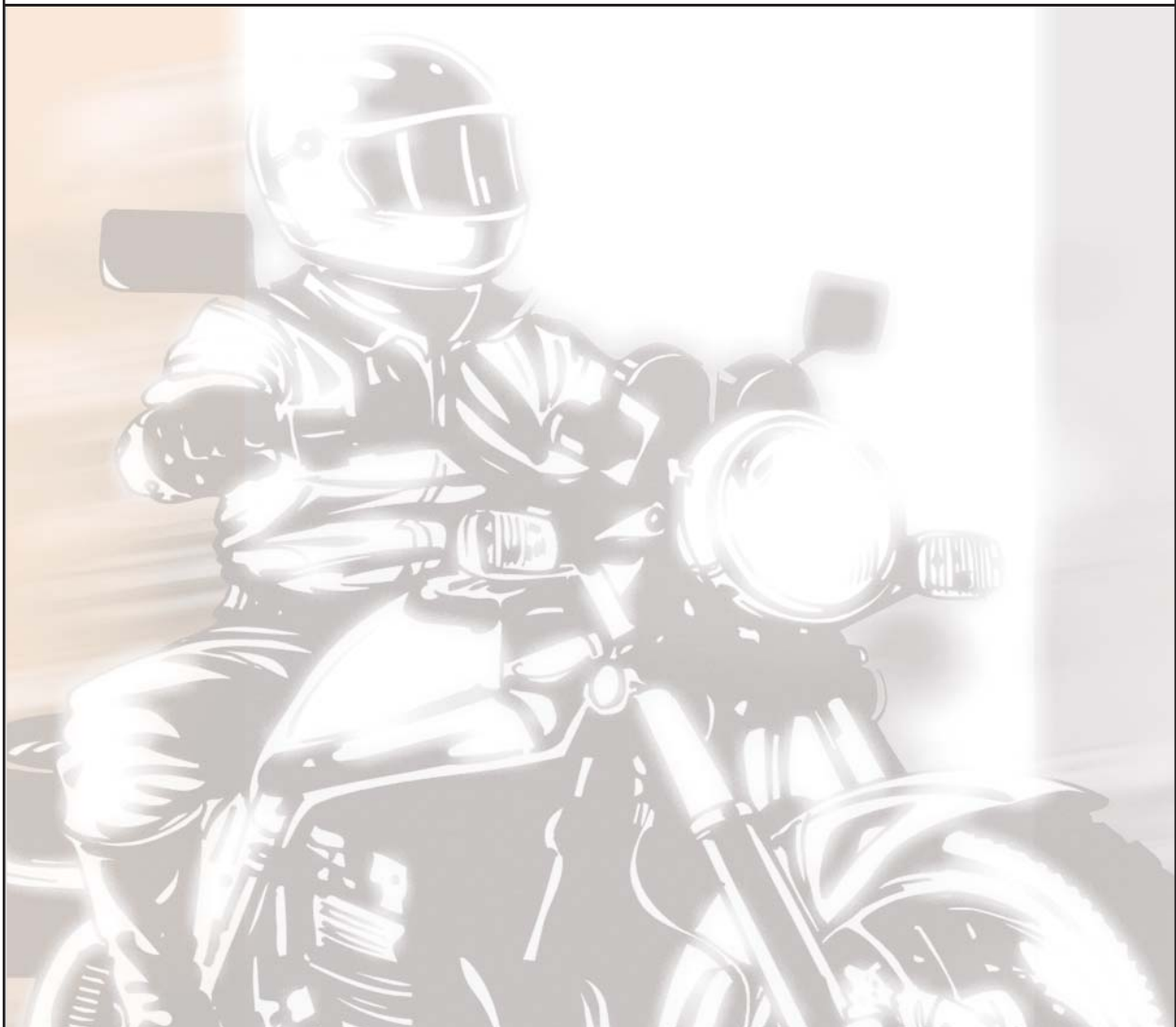




BG-S007
May 2008

HARLEY-DAVIDSON

Denso Starter and Component Parts



Metro Auto Industrial, Inc.

2128 Pomona Blvd., Pomona, CA 91768 USA

Toll Free: 1-800-263-8761 Fax: 1-800-799-0838

www.metroautoinc.com

HARLEY-DAVIDSON

Denso Starter and Component Parts


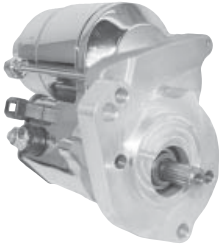

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DENSO	DENSO	
<p data-bbox="256 338 521 373">Not Available Now</p> <p data-bbox="321 464 444 520">HD-0100 Starter</p> <p data-bbox="217 552 480 653">For: Denso OSGR Starter 1.4kw 12V CW Note: Silver Body 100% New</p>  <p data-bbox="310 1077 456 1165">HD-0100C Starter Chromed</p> <p data-bbox="217 1167 480 1268">For: Denso OSGR Starter 1.4kw 12V CW Note: Chromed 100% New</p>  <p data-bbox="321 1633 444 1690">HD-0101 Starter</p> <p data-bbox="217 1722 561 1898">For: Denso OSGR Starter 1.4kw 12V CW Note: for Indian bike 1/4-20 Shaft for 1993-89 10-32 Shaft for Present -1994 Silver Body 100% New</p>	 <p data-bbox="797 464 920 520">HD-0103 Starter</p> <p data-bbox="693 552 964 728">For: Denso OSGR Starter 2.0kw 12V CW Note: for most custom bike; basic to Choppers, majority need chrome. Gold Case 100% New</p> <p data-bbox="797 1077 920 1134">HD-0110 Starter</p>	

* Manufacturers and suppliers's names and their part numbers are for information purposes only.



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51-82212
Drive End Housing

For: Denso 1.2kw OSGR Series Starter
Note: Black Paint use 51-82212B;
 Chrome use 51-82212C



51-82217
Drive End Housing

For: Denso 1.0kw 12V CW Series Starter
OEM: 028000-730;
 128000-269
Lester: 17352



51-82220
Drive End Housing

For: Denso 1.2kw Series Starter
OEM: 128000-822
Lester: 17629
Note: Chrome use 51-82220C

Photo Not Available

51-82212B
Drive End Housing
Black Painted

For: Denso 1.2kw OSGR Series Starter
Note: Original use 51-82212;
 Chrome use 51-82212C



51-82218
Drive End Housing

For: Denso 1.0kw, 1.2kw 12V CW Series Starter
OEM: 128000-575
Lester: 17617



51-82220C
Drive End Housing
Chromed

For: Denso 1.2kw Series Starter
OEM: 128000-822
Lester: 17629
Note: Original use 51-82220



51-82212C
Drive End Housing
Chromed

For: Denso 1.2kw OSGR Series Starter
Note: Original use 51-82212;
 Black Paint use 51-82212B



51-82267
Drive End Housing

For: Denso 1.2kw 12V OSGR Starter, RA Type
OEM: 128000-845
Lester: 17632
Note: Harley-Davidson Sportster or Bulles 1985-2005, 1200 cc



51-82270
Drive End Housing

For:

Note: Chrome use 51-82270C



51-82270C
Drive End Housing
Chromed

For:

Note: Original use 51-82270



52-82102
C. E. Cover

For: Denso 1.0KW Series Starter
Lester: 16761, 16821, 16826, 17050, 17143
Note: early type



52-82110B
C. E. Cover
Black Painted

For: Denso 1.4kw Series Starter
Note: Original use 52-82110;
Chromed use 52-82110C



52-82110CU
C. E. Cover
Chromed

For: Denso 1.4kw Series Starter
Note: wo/Drain hole.
Black Painted use 52-82110BU



52-82103
C. E. Cover

For: Denso 1.4KW Series Starter
Lester: 16236, 16248, 16249, 16578 etc.
Note: early type



52-82110C
C. E. Cover
Chromed

For: Denso 1.4kw Series Starter
Note: Original use 52-82110;
Black Painted use 52-82110B



52-82118
C. E. Cover

For: Denso 1.4kw Series Starter
Lester: 17422, 17525
Note: Chromed use 52-82118C



52-82110
C. E. Cover

For: Denso 1.4kw Series Starter
Note: Black Painted use 52-82110B;
Chromed use 52-82110C



52-82110BU
C. E. Cover
Black Painted

For: Denso 1.4kw Series Starter
Note: wo/Drain hole.
Chromed use 52-82110CU

Not Available Now

52-82118C
C. E. Cover
Chromed

For: Denso 1.4kw Series Starter
Lester: 17422, 17525
Note: Original use 52-82118



52-82118U
C. E. Cover

For: Denso 1.4kw Series Starter
17422, 17525

Lester: wo/Drain hole

Note: Chromed use 52-82118UC



52-82126C
C. E. Cover
Chromed

For: Denso 1.4kw Series Starter

Note: Original use 52-82126



52-82118UC
C. E. Cover
Chromed

For: Denso 1.4kw Series Starter

Lester: 17422, 17525

Note: wo/Drain hole

Original use 52-82118U



52-82133
C. E. Cover

For: Denso 1.4kw OSGR Starter

Lester: 17517

Note: Chromed use 52-82133C.



52-82126
C. E. Cover

For: Denso 1.4kw Series Starter

Note: Chromed use 52-82126C

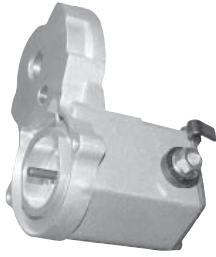


52-82133C
C. E. Cover
Chromed

For: Denso 1.4kw OSGR Starter

Lester: 17517

Note: Original use 52-82133.



53-8201
Solenoid Assembly

For: Denso 1.2kw, 1.4kw Series Starter

Lester: 17197, 17465

Note: Components included:

- 53-82115 Solenoid Housing
- 66-82120 Cover
- 66-82125 Plunger Assy.
- 66-82135 Gasket
- 66-82136 Insulator
- 66-82142 Solenoid Coil Assy.
- 66-82155 Stack
- 66-82156 Back Plate
- 66-82157 Insulator
- 71-82117 Drain Tube
- 71-82143 O-Ring
- 72-82104 Insulator (Int.)
- 72-82109 Insulator (Ext.)
- 76-82132 Connector
- 76-82161 Switch Terminal
- 79-82001 Motor Terminal Repair Kit
- 79-82002 Motor Terminal Repair Kit
- 79-82202 Plunger Repair Kit
- 84-82110 Contact Bolt
- 84-82119 Contact Bolt
- 84-82131 Screw
- 85-82107 Hex Nut
- 85-82012F Flange Nut
- 85-82110 Split Lock Washer
- 85-82119 Wave Washer

Not Available Now

53-8250
Solenoid Assembly

For: Denso 1.2kw OSGR Series Starter

OEM: 228000-255

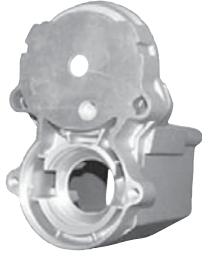
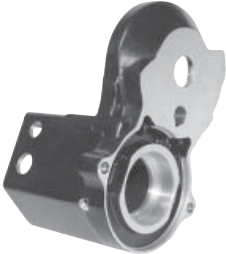
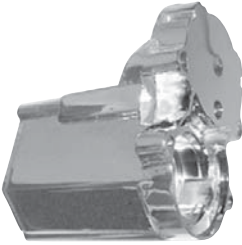


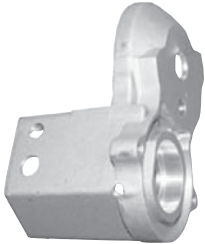
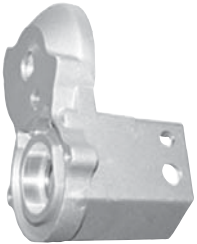
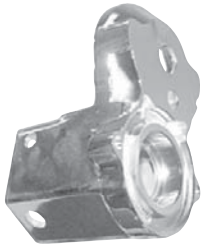
Lester: 18199

Note: Solenoid Housing use 53-82121







Solenoid Component Parts

Buyers' Guide



Solenoid Housing	Solenoid Housing	Solenoid Housing
 <p>53-82107 Solenoid Housing</p> <p>For: Denso 1.4kw Series Starter Note: Early Type wo/Holes (universal type) Chromed use 53-82107C</p>	 <p>53-82115B Solenoid Housing Black Painted</p> <p>For: Denso 1.2kw, 1.4kw Series Starter Lester: 17197, 17465 Note: Original use 53-82115; Chromed use 53-82115C</p>	<p>Photo Not Available</p> <p>53-82118C Solenoid Housing Chromed</p> <p>For: Denso 1.4kw OSGR Series Starter Lester: 17202, 17216, 17466, 17549, 17573, 17574, 17785 Note: Original use 53-82118</p>
 <p>53-82107C Solenoid Housing Chromed</p> <p>For: Denso 1.4kw Series Starter Note: Early Type wo/Holes (universal type) Original use 53-82107C</p>	 <p>53-82115C Solenoid Housing Chromed</p> <p>For: Denso 1.2kw, 1.4kw Series Starter Lester: 17197, 17465 Note: Original use 53-82115; Black Painted use 53-82115B</p>	 <p>53-82121 Solenoid Housing</p> <p>For: Denso 1.2kw Series Starter OEM: 228000-255 Lester: 18199 Note: Chromed use 53-82121C</p>
 <p>53-82115 Solenoid Housing</p> <p>For: Denso 1.2kw, 1.4kw Series Starter Lester: 17197, 17465 Note: Assembly use 53-8201 Black Painted use 53-82115B; Chromed use 53-82115C</p>	 <p>53-82118 Solenoid Housing</p> <p>For: Denso 1.4kw OSGR Series Starter Lester: 17202, 17216, 17466, 17549, 17573, 17574, 17785 Note: Chromed use 53-82118C</p>	 <p>53-82121C Solenoid Housing Chromed</p> <p>For: Denso 1.2kw Series Starter OEM: 228000-255 Lester: 18199 Note: Original use 53-82121</p>

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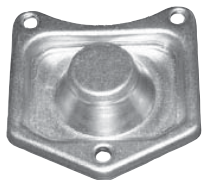
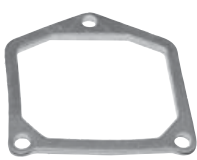

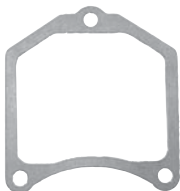

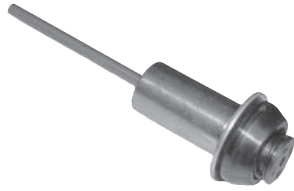

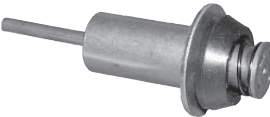

Solenoid Housing	Misc.	Misc.
<p>Not Available Now</p> <p>53-82215C Solenoid Housing Chromed</p> <p>For: Denso</p> <p>OEM: Lester: Note:</p>	<div style="text-align: center;">  </div> <p>66-82109 Cover - Solenoid Housing</p> <p>For: Denso 1.4kw Series Starter Note: Early type Gasket use 66-82101 (Paper) Chromed use 66-82109C</p> <div style="text-align: center;">  </div> <p>66-82109C Cover - Solenoid Housing Chromed</p> <p>For: Denso 1.4kw Series Starter Note: Early type Gasket use 66-82101 (Paper) Original use 66-82109</p> <div style="text-align: center;">  </div> <p>66-82110 Cover - Solenoid Housing</p> <p>For: Denso 1.0kw, 1.4kw Series Starter Note: Early type; Gasket use 66-82102 (Rubber) Chromed use 66-82110C</p>	<div style="text-align: center;">  </div> <p>66-82110C Cover - Solenoid Housing Chromed</p> <p>For: Denso 1.0kw, 1.4kw Series Starter Note: Early type; Gasket use 66-82102 (Rubber) Original use 66-82110</p> <div style="text-align: center;">  </div> <p>66-82120 Cover - Solenoid Housing</p> <p>For: Denso 1.4kw Series Starter Note: Late type; Gasket use 66-82135 Chromed use 66-82120C</p> <div style="text-align: center;">  </div> <p>66-82120C Cover - Solenoid Housing Chromed</p> <p>For: Denso 1.4kw Series Starter Note: Late type; Gasket use 66-82135 Original use 66-82120</p>

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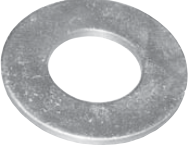
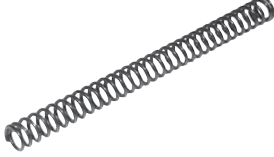
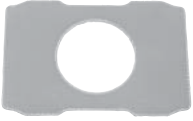
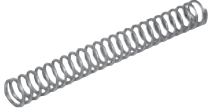
Solenoid Component Parts

Buyers' Guide



Misc.	Misc.	Misc.
 <p>66-82165 Cover - Solenoid Housing</p> <p>For: Denso 1.8kw, 2.0kw, Denso OSGR Starters Lester: 17533, 17535, 17581, 17669, 17672, 17706, 17748, 18198 Note: Late type; Gasket use 66-82166</p>	 <p>66-82135 Gasket - Cover Bubber</p> <p>For: Denso 1.4kw Series Starter Note: Late type</p>	 <p>66-82125 Plunger Assembly</p> <p>For: Denso 1.0kW, 1.2kW, 1.4kW, 1.6kW, 2.0kW OSGR Starters Dim.: 96.7mm OAL; 34.8mm Contact Disc OD Note: Contact Disc use 66-82134H</p>
 <p>66-82101 Gasket - Cover Paper</p> <p>For: Denso 1.4kw Series Starter Note: Early type</p>	 <p>66-82166 Gasket - Cover Bubber</p> <p>For: Denso 1.8kw, 2.0kw OSGR Starter Lester: 17665, 17672 Note:</p>	 <p>66-82126 Plunger Assembly</p> <p>For: Denso 1.2kW, 1.4kW OSGR Starters Dim.: 125mm OAL; 34.8mm Contact Disc OD Note: Contact Disc use 66-82134H</p>
 <p>66-82102 Gasket - Cover Bubber</p> <p>For: Denso 1.0kw, 1.4kw Series Starter Note: Early Type</p>	 <p>66-82103 Plunger Assembly</p> <p>For: Denso 1.0kW, 1.2kW, 1.4kW, 1.6kW, 1.8kW, 2.0kW OSGR Starters Dim.: 95.5mm OAL; 36.8mm Contact Disc OD Note: Contact Disc use 66-82131H</p>	 <p>66-82176 Plunger Assembly</p> <p>For: Denso 1.8kW, 2.0kW OSGR Starters Dim.: 95.9mm OAL; 36.8mm Contact Disc OD Note: Contact Disc use 66-82131H</p>

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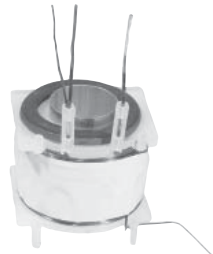



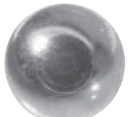
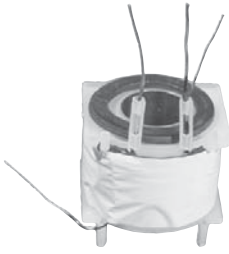


Misc.	Misc.	Misc.
 <p>66-82131H Contact Disc - Plunger Copper</p> <p>For: Denso 1.0kW, 1.2kW, 1.4kW, 1.6kW, 1.8kW, 2.0kW OSGR Starters Dim.: 36.8mm OD Note: for repair 66-82103, 66-82176 plunger assys.</p>	 <p>66-82136R Insulator - Plunger</p> <p>For: Denso 1.4kw Series Starter Dim.: 1.2mm Thick Note: Red color</p>	 <p>66-82177 Insulator - Plunger</p> <p>For: DensoSeries Starter Dim.: 53.4mm W x 38.95mm H 22.8mm ID Hole 1.24mm Thickness Note: Red Color</p>
 <p>66-82134H Contact Disc - Plunger Copper</p> <p>For: Denso 1.0kW, 1.2kW, 1.4kW, 1.6kW, 2.0kW OSGR Starters Dim.: 34.8mm OD Note: for repair 66-82125, 66-82126 plunger assys.</p>	<p>Not Available Now</p> <p>66-82162 Insulator - Plunger</p> <p>For: Denso Series Starter Dim.: 1.6mm Thick Note:</p>	 <p>69-82111 Return Spring - Plunger</p> <p>For: Denso Series Starter Dim.: 5.3mm ID x 7.25mm OD 87.5mm L Lester: 16978 Note:</p>
 <p>66-82136 Insulator - Plunger</p> <p>For: Denso 1.4kw Series Starter Dim.: 1.2mm Thick Note: White color</p>	<p>Not Available Now</p> <p>66-82175 Insulator - Plunger</p> <p>For: Denso 2.0kw Series Starter Dim.: Note:</p>	 <p>69-82120 Return Spring - Plunger</p> <p>For: Denso Series Starter Dim.: 5.4mm ID x 7.2mm OD 61mm L 0.9mm Wire Dia. Lester: 17197 Note:</p>

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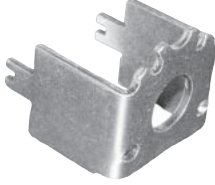





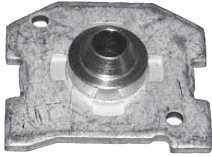

Solenoid Component Parts

Buyers' Guide



Misc.	Misc.	Misc.
 <p>76-82182 Ball - Plunger</p> <p>For: Denso Series Starter Dim.: 8.7mm Dia. Note:</p>	 <p>84-82519 Rivet - Plunger</p> <p>For: Denso 2.5kw Series Starter Dim.: 3/16 X 19/32 L Note: used w/66-82533 Retainer</p>	 <p>66-82142 Solenoid Coil 12 Volt</p> <p>For: Denso 1.2kW, 1.4kW, 1.8kW OSGR Starters Note: Double wire on left side, single wire on right side</p>
 <p>76-82182-1 Ball - Plunger</p> <p>For: Denso Series Starter Dim.: 7.9mm Dia. Note:</p>	 <p>66-82142K Solenoid Coil Kit Assembly 12 Volt</p> <p>For: Denso 1.2kW, 1.4kW, 1.8kW OSGR Starters Note: Double wire on left side, single wire on right side</p>	 <p>66-82171 Solenoid Coil 12 Volt</p> <p>For: Denso 1.0kW, 1.2kW, 1.4kW, 1.6kW OSGR Starters OEM: Delco 1998578, 10455702; Denso 128000-190, -283, -457, -495, -556, -557, -569, -746; 228000-024, -273, -274, -275 Note: Double wire on left side, single wire on right side</p>
 <p>76-82185 Ball - Plunger</p> <p>For: Denso Series Starter Dim.: 9mm Dia. Note:</p>	 <p>66-82141 Solenoid Coil 12 Volt</p> <p>For: Denso 1.2kW, 1.4kW OSGR Starters Note: Double wire on right side, single wire on left side</p>	 <p>66-82148 Gasket - Solenoid Coil</p> <p>For: Denso 1.2kW, 1.4kW, 1.8kW OSGR Starters Note: used on 66-82141, 66-82142 Solenoid Coil</p>
 <p>66-82533 Retainer - Plunger</p> <p>For: Denso 2.5kw Series Starter Dim.: 5mm Hole Note: used w/84-82519 Rivet</p>		

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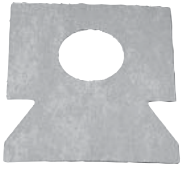




Misc.	Misc.	Misc.
 <p>66-82149 Tube - Solenoid Coil</p> <p>For: Denso 1.2kW, 1.4kW, 1.8kW OSGR Starters Dim.: 22mm OD x 36mm OAL Note: used on 66-82141, 66-82142 Solenoid Coil</p>	 <p>66-82504 Bracket</p> <p>For: Denso 2.5kw Series Starter Note: Easy press design</p>	 <p>66-82106 Contact Copper</p> <p>For: Denso 1.0kw, 1.4kw, 2.0kw Series Starter Dim.: 8mm Hole</p>
 <p>66-82150 Bobbin - Solenoid Coil</p> <p>For: Denso 1.2kW, 1.4kW, 1.8kW OSGR Starters Note: w/4 Pin leg; for 66-82141, 66-82142 Solenoid Coil</p>	 <p>66-8156 Back Plate</p> <p>For: Denso Series Starter Note: Late model; used with 66-82155 Bracket</p>	 <p>66-82114H Contact Copper</p> <p>For: Denso 1.2kw, 1.4kw, 1.8kw Series Starter Dim.: 8mm Hole</p>
 <p>66-82155 Bracket</p> <p>For: Denso Series Starter Note: Late model; used with 66-82156 Back Plate</p>	 <p>66-82161 Back Plate</p> <p>For: Denso 1.4kw Series Starter</p>	 <p>66-82143 Contact Copper</p> <p>For: Denso Series Starter Dim.: 8mm Hole OEM: 128000-575 Note: used w/66-82106 Contact</p>

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Solenoid Component Parts

Buyers' Guide



Misc.	Misc.	
 <p>66-82179 Contact Copper For: Denso 2.0kw Series Starter Dim.: 8mm Hole OEM: 128000-738 Lester: 17189 Note: used w/66-82106 Contact</p>	 <p>84-82113 Contact Bolt Copper For: Denso OSGR Starter Dim.: M8 x 1.25 x 26mm L Note: Similar to 84-82110, except 84-82110 material is Copper-plated Steel.</p>	 <p>84-82119 Contact Bolt Steel w/Copper Plated For: Denso OSGR Starter Dim.: M8 x 1.25 x 33mm L Note: w/Dog point</p>
 <p>66-82157 Insulator - Contact Paper For: Nippondenso IF Alternators xxAmp, xxmm Stator OD OEM: Lester: Note:</p>	 <p>84-82114 Contact Bolt Steel w/Copper Plated For: Denso OSGR Starter Dim.: M8 x 1.25 x 24mm L Note: Similar to 84-82115, except 84-82115 material is Copper</p>	 <p>84-82129 Contact Bolt Steel w/Copper Plated For: Denso OSGR Starter Dim.: M8 x 1.25 x 34.5mm L OEM: 228000-296</p>
 <p>84-82110 Contact Bolt Steel w/Copper Plated For: Denso OSGR Starter Dim.: M8 x 1.25 x 26mm L Note: Similar to 84-82113, except 84-82113 material is Copper.</p>	 <p>84-82115 Contact Bolt Copper For: Denso OSGR Starter Dim.: M8 x 1.25 x 24mm L Note: Similar to 84-82114, except 84-82114 material is Copper-plated Steel</p>	

* Manufacturers and suppliers's names and their part numbers are for information purposes only.



**54-82007
Clutch Assembly
CW, 10-SPL**

For: Denso 1.2kw, 1.4kw Series Starter

Dim.: 52mm OAL

Note: Components Included:

- 1pcs of 54-82007-G Gear
- 1pcs of 54-82004 Sleeve
- 5pcs of 54-82002 Spring
- 5pcs of 54-82005 Roller



**6-10442
Bearing - Drive
(Bearing# 6004)**

For: Denso 1.2kw, 1.4kw Series Starter

Dim.: 20mm ID x 42mm OD
12mm T



**54-82007-G
Clutch Gear - Clutch
CW, 10-SPL**

For: Denso 1.2kw, 1.4kw Series Starter

Note: for 54-82007 Clutch

Photo Not Available



**6-90442
Bearing - Drive
(Bearing# 6904)**

For: Denso 1.2kw, 1.4kw Series Starter

Dim.: 20mm ID x 37mm OD
9mm T



**54-82103
Pinion Gear
11-T, CW**

For: Denso 1.2kw, 1.4kw Series Starter

Dim.: 29.5mm Gear OD x 23mm L

**54-82007-K
Clutch Kit
CW, 10-SPL**

For: Denso 1.2kw, 1.4kw Series Starter

Dim.: 52mm OAL

Note: Components Included:

- 1pcs of 54-82007-G Gear
- 1pcs of 54-82004 Sleeve
- 5pcs of 54-82002 Spring
- 5pcs of 54-82005 Roller



**54-82141
Idle Gear**

For: Denso 1.2kw, 1.4kw Series Starter

Dim.: 22mm ID x 35.9mm Gear OD
11.9mm L



54-82003
Shaft - Drive

For: Denso 1.2kw, 1.4kw Series Starter
Dim.: 83mm OAL

Photo Not Available

54-82196
Shaft - Drive

For: Denso 1.2kw, 1.4kw Series Starter
Dim.: 83mm OAL
Note: Similar to 54-82003 except 54-820196 with 1/4-20 Hole

Photo Not Available

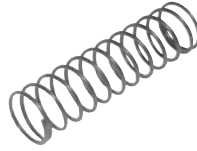
54-82197
Shaft - Drive

For: Denso 1.2kw, 1.4kw Series Starter
Dim.: 83mm OAL
Note: Similar to 54-82003 except 54-82197 with 10-32 Hole



54-82004
Sleeve - Clutch

For: Denso 1.2kw, 1.4kw Series Starter
Dim.: 13.5mm ID x 52.5mm L



54-82001
Spring - Clutch Shaft

For: Denso 1.2kw, 1.4kw Series Starter
Dim.: 16.2mm OD x 61mm L
1.2mm Wire Dia.



54-82002
Spring - Clutch Roller

For: Denso 1.2kw, 1.4kw Series Starter
Dim.: 12mm W x 15mm L x 6.3mm T
0.72mm Wire Dia.



54-82005
Roller - Clutch

For: Denso 1.2kw, 1.4kw Series Starter
Dim.: 7.4mm OD x 13mm L



54-82005A
Roller - Clutch

For: Denso 1.2kw, 1.4kw Series Starter
Dim.: 7.4mm OD x 12.8mm L



62-82001
Bushing - Drive

For: Denso 1.2kw, 1.4kw Series Starter
Dim.: 23.2mm ID x 28.5mm OD
4mm T



62-82002
Bushing - Drive

For: Denso 1.2kw, 1.4kw Series Starter
Dim.: 22.7mm ID x 28.5mm OD
5.8mm T



76-82109
Retainer Ring - Drive

For: Denso 1.2kw, 1.4kw Series Starter
Dim.: 11.5mm ID x 14.7mm OD



76-82110
Stop Collar - Drive

For: Denso 1.2kw, 1.4kw Series
Starter

Dim.: 12.9mm ID x 17.8mm OD



76-82111
Spring - Pinion

For: Denso 1.2kw, 1.4kw, 2.0kw
Series Starter









Dim.: 16.5mm OD x 11mm L
1.5mm Wire Dia.











76-82112
Gear Plate - Pinion

For: Denso 1.2kw, 1.4kw, 2.0kw
Series Starter

Note:

Field Case Assembly	Field Case Assembly	Misc.
 <p>57-8201 Field Case Assembly</p> <p>For: Denso 1.4kw Series Starter Note: Late type; Chromed use 57-8201C</p>	 <p>57-8205 Field Case Assembly</p> <p>For: Denso 1.2kw OSGR Series Starter Lester: 16878, 17197, 17202, 17204, 17285, 17460, 17464, 17465, 17487, 17526, 17531, 17536, 17537, 17570, 17571, 17584, 17687, 17697, 17716, 17737, 17777, 17784, 17793, 18199 Note: for short body use</p>	 <p>57-82101 Field Case Housing w/Back plate</p> <p>For: Denso 1.4kw Series Starter Note: w/52-82103 CE Plate</p>
 <p>57-8201C Field Case Assembly Chromed</p> <p>For: Denso 1.4kw Series Starter Note: Late type; Original use 57-8201</p>	 <p>57-8211C Field Case Assembly Chromed</p> <p>For: Denso 2.0kw OSGR Series Starter Note: High performance</p>	 <p>57-82102 Field Case Housing</p> <p>For: Denso 1.4kw Series Starter Note:</p>
 <p>57-8203 Field Case Assembly</p> <p>For: Denso 1.8kw OSGR Series Starter Note:</p>		 <p>59-82201 Field Coil w/Brushes</p> <p>For: Denso 2.0kw OSGR Series Starter Dim.: 60mm Height x 20mm Width OEM: 028000-700 Lester: 16739, 17189, 17314, 17360, 17373 Note: used on 57-8211C Field Case Assy.</p>

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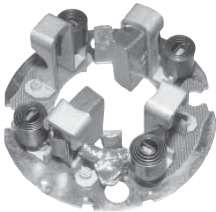
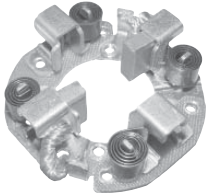

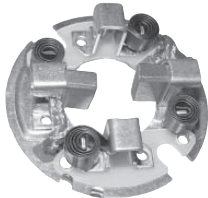
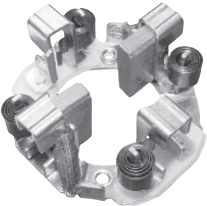

Armature	Armature	Misc.
 <p>61-8201 Armature 12 Volt, 9-Splines For: Denso 1.4kw OSGR Starter Dim.: 128mm OAL; 15mm Shaft OD Lester: 16831, 17020, 17197, 17202, 17216, 17242, 17256, 17259, 17263, 17273, 17400, 17423, 17424, 17466, 17481, 17485, 17493, 17516, 17517, 17519, 17524, 17526, 17529, 17530, 17532, 17534, 17546, 17549, 17562, 17573, 17574, 17579, 17668, 17700, 17707, 17715, 17727, 17735, 17747, 17774, 17791 Note: Late type</p>	 <p>61-8205 Armature 12 Volt, 9-Splines For: Denso 1.2kw OSGR Starter Dim.: 118mm OAL; 15mm Shaft OD Lester: 16878, 17197, 17202, 17204, 17285, 17460, 17487, 17526, 17531, 17536, 17537, 17570, 17571, 17584, 17687, 17697, 17716, 17737, 17784, 17793 Note: for short body use</p>	 <p>61-82201 Commutator - Armature 23 Bars For: Denso OSGR Series Starter Dim.: 14mm ID, 35.6mm OD, 44.2mm Height Note:</p>
 <p>61-8203 Armature 12 Volt, 9-Splines For: Denso 2.0kw OSGR Starter Dim.: 160mm OAL; 15mm Shaft OD Lester: 17533, 17581, 17706, 17748, 18198 Note: 9 Tooth Version</p>	 <p>61-82202 Armature 12 Volt, 19-Splines For: Denso 2.0kw OSGR Starter Dim.: 167mm OAL; 10mm Shaft OD Replace: 028200-2140 Note: w/Bearing</p>	 <p>6-10242 Bearing - Armature (Bearing# 6002) For: Denso OSGR Series Starter Dim.: 15mm ID x 32mm OD 9mm T Note:</p>
	 <p>61-82202N Armature 12 Volt, 19-Splines For: Denso 2.0kw OSGR Starter Dim.: 167mm OAL; 10mm Shaft OD Replace: 028200-2140 Note: w/2-Side Bearing</p>	 <p>6-60842 Bearing - Armature (Bearing# 608) For: Denso OSGR Series Starter Dim.: 8mm ID x 22mm OD 7mm T Note:</p>

* Manufacturers and suppliers's names and their part numbers are for information purposes only.

Brush Holder Assembly and Parts

Buyers' Guide



Brush Holder Assembly	Brush Holder Assembly	Misc.
 <p data-bbox="178 464 402 548">69-82103 Brush Holder Assy. 12 Volt, CW</p> <p data-bbox="107 552 474 651">For: Denso 2.0kw OSGR Starter Lester: 16739, 16822, 17189, 17547 Note: Early type, golden case starter use</p>	 <p data-bbox="656 464 880 548">69-82107 Brush Holder Assy. 12 Volt, CW</p> <p data-bbox="586 552 982 930">For: Denso 1.4kw, 1.6kw OSGR Starter OEM: 16600, 657, 737, 800, 802, 823, Lester: 831, 834, 835, 837, 884, 905, 906, 960, 979; 17002, 003, 020, 083, 084, 091, 117, 125, 129, 197, 202, 216, 255, 256, 259, 273, 422, 423, 424, 466, 481, 485, 493, 494, 516, 517, 519, 523, 524, 525, 526, 529, 530, 532, 546, 549, 562, 573, 574, 579, 619, 668, 700, 707, 727, 735, 747, 791 Note: for 67mm field case length starter use</p>	 <p data-bbox="1122 464 1365 520">68-82010 Brush - Brush Holder</p> <p data-bbox="1078 552 1398 678">For: Denso 0.9kw, 1.0kw, 1.2kw, 1.4kw Series Starter Dim.: 7mm T x 16mm W 14mm L x 25mm LL Note:</p>
 <p data-bbox="178 1077 402 1161">69-82106 Brush Holder Assy. 12 Volt, CW</p> <p data-bbox="107 1165 474 1369">For: Denso 1.0kw, 1.4kw OSGR Starter Lester: 16236, 16248, 16249, 16251, 16578, 16585, 16586, 16600, 16672, 16674, 16758, 16759, 16760, 17100 Note: Early type, golden case starter use</p>	 <p data-bbox="656 1360 880 1444">69-82122 Brush Holder Assy. 12 Volt, CW</p> <p data-bbox="586 1449 940 1551">For: Denso 2.0kw OSGR Starter Lester: 17533, 17581, 17706, 17711, 17876, 18004, 18139 Note:</p>	 <p data-bbox="1122 1077 1365 1134">69-82113 Spring - Brush Holder</p> <p data-bbox="1078 1165 1398 1268">For: Denso 1.0kw, 1.2kw, 1.4kw Series Starter Dim.: 8.20mm W Note:</p>

* Manufacturers and suppliers's names and their part numbers are for information purposes only.



71-82101H
Boot - Motor Lead
Blue color

For: Denso 1.0kw, 1.2kw, 1.4kw Series Starter
Note: Gray color use 71-82101G
 Ivory color use 71-82156
 Black color use 71-82157

Not Available Now

71-82101G
Boot - Motor Lead
Gray color

For: Denso 1.0kw, 1.2kw, 1.4kw Series Starter
Note: Blue color use 71-82101H
 Ivory color use 71-82156
 Black color use 71-82157



71-82156
Boot - Motor Lead
Ivory color

For: Denso 1.0kw, 1.2kw, 1.4kw Series Starter
Note: Blue color use 71-82101H
 Gray color use 71-82101G
 Black color use 71-82157



71-82157
Boot - Motor Lead
Black color

For: Denso 1.0kw, 1.2kw, 1.4kw Series Starter
Note: Blue color use 71-82101H
 Gray color use 71-82101G
 Ivory color use 71-82156



71-82117
Drain Tube - C.E. Cover

For: Nippondenso 1.2kW, 1.4kW OSGR, PLGR Starters
Lester: 16831, 878;
 17020, 170, 197, 202, 203, 204, 216, 240, 242, 252, 253, 256, 259, 263, 273, 400, 423, 424, 460, 464, 465, 466, 481, 485, 487, 493, 516, 517, 519, 523, 524, 526, 529, 530, 531, 532, 533, 534, 535, 536, 537, 546, 547, 548, 562, 570, 571, 573, 574, 579, 581, 584, 668, 672, 679, 680, 687, 700, 707, 711, 715, 716, 727, 737, 747, 774, 777
Note: Fit 6mm dia. Hole w/ 2.2mm Wall Thickness



71-82118
Drain Tube - C.E. Cover

For: Denso 1.4kW, 1.6kW OSGR Starters
Lester: 16674, 16790, 16831, 17125, 17298, 17422
Note: Fits 8mm Dia. Hole w/ 5mm Wall Thickness



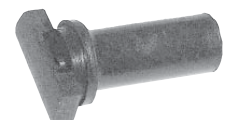
71-82119
Drain Tube - C.E. Cover

For: Denso 1.0kW, 1.2kW, 1.4kW OSGR Starters
Lester: 16827, 16831, 16895, 17202, 17204, 17251, 17259, 17362, 17424, 17487, 17493, 17520, 17521, 17523, 17526, 17529, 17530, 17531, 17533, 17535, 17536, 17537, 17666, 17668, 17672, 17681, 17682, 17706, 17707, 17711
Note: Fits 6mm dia. hole w/ 2.7mm wall thickness



71-82120
Drain Tube - C.E. Cover

For: Denso 1.2kW, 1.4kW, 3.0kW OSGR Starters
Lester: 16834, 16835, 16881, 17002, 17020, 17084, 17125, 17202, 17204, 17215, 17256, 17285, 17422
Note: Fits 12mm dia. hole w/ 3.2mm wall thickness



71-82122
Drain Tube - C.E. Cover

For: Denso 1.2kW, 1.4kW, 3.0kW OSGR Starters
Lester: 17020
Note: Fits 12mm dia. hole w/ thin wall thickness



71-82104
Grommet - Motor Lead

For: Denso 1.4kW, 2.0kW OSGR Starters
Dim.: 69mm OAL
Lester: 16578, 16674, 16758, 16759, 17100, 17189, 17547
Note:



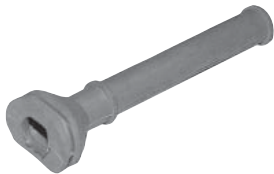
71-82130
Grommet - Motor Lead Gray Color

For: Denso 1.2kW, 1.4kW OSGR Starters
Lester: 17197
Note: Same with 71-82159 and 71-82169, except 71-82159 is black color 71-82169 is Ivory color



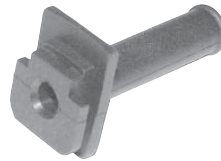
71-82163
Grommet - Motor Lead

For: Denso OSGR Starter
Dim.: 7mmID, 10.8mm Neck 59.5mmOAL
Note:



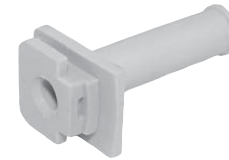
71-82115
Grommet - Motor Lead

For: Denso OSFR Starter, 1.0kw, 1.4kw, 2.0kw, 2.2kw
Dim.: 8mm ID Hole, 81.5mm OAL
Lester: 16248, 16251, 16578, 16586, 16600, 16674, 16696, 16739, 16759, 16760, 16822, 17100, 17116, 17117, 17189, 17373, 17533, 17547
Note:



71-82159
Grommet - Motor Lead Black Color

For: Denso 1.2kW, 1.4kW OSGR Starters
OEM: 17197
Lester: Same with 71-82130 and 71-82169, except 71-82130 is Gray color 71-82169 is Ivory color



71-82169
Grommet - Motor Lead Ivory Color

For: Denso 1.2kW, 1.4kW OSGR Starters
Lester: 17197
Note: Same with 71-82130 and 71-82159, except 71-82130 is Gray color 71-82159 is black color



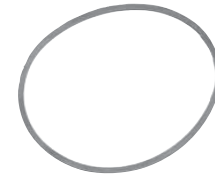
71-82131
Grommet - Motor Lead

For: Denso 1.2kW, 1.4kW OSGR Starters
Dim.: 81mm OAL
Note:



71-82160
Grommet - Motor Lead

For: Denso 1.4kW, 1.6kW OSGR Starters
Lester: 16600, 16657, 16696, 16737, 16790, 16800, 16802, 16823, 16829, 16834, 16835, 16837, 16839, 16884, 16905, 16906, 16978, 16979, 17002, 17003, 17020, 17083, 17084, 17091, 17117, 17125, 17129, 17169, 17255, 17256, 17297, 17422, 17494, 17523, 17525, 17619
Note:



71-82103H
O-Ring - Field Case

For: Denso 1.0kW, 1.4kW, 1.8kW OSGR Starters
Dim.: 69.5mm ID x 73.5mm OD 2mm W
Lester: 16236, 16248, 16249, 16251, 16578, 16585, 16586, 16600, 16672, 16674, 16696, 16739, 16758, 16759, 16760, 17100, 17169
Note: Square cut o-ring. Used in starters w/ internal thru bolts.



71-82106H
O-Ring
- Field Case

For: Denso 1.0kW, 1.2kW, 1.4kW, 1.6kW, 2.0kW OSGR Starters
Dim.: 69mm ID x 73mm OD
1.8mm W
Note:



71-82139
O-Ring

For: Denso Series Starter
Dim.: 17.2mmID x 19.7mmOD
1.2mm W
Lester: 17485, 17554
Note:



71-82111
Plug
- Solenoid Housing

For: Denso Series Starter
Note: Terminal hole



71-82128
O-Ring

For: Denso Series Starter
Dim.: 4mm ID x 8mm OD
Note: used on 84-82116 screw



71-82141
O-Ring
- Battery Terminal

For: Denso OSGR Series Starter
Dim.: 7.6mm ID x 11.2mm OD
1.8mm W
Note:



71-82125
Plug
- Solenoid Housing

For: Denso Series Starter
Note: S & R Terminal hole



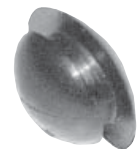
71-82129
O-Ring

For: Denso Series Starter
Dim.: 5mm ID x 9mm OD
Note: Terminal Post



71-82143
O-Ring

For: Denso Series Starter
Dim.: 8mm ID x 11.85mm OD
2mm W
Note:



71-82126
Plug
- Solenoid Housing

For: Denso Series Starter
Note: S & R Terminal hole



72-82101

Insulator

- Terminal External

For: Denso 1.0kW, 1.2kW, 1.4kW, 1.6kW, 1.8kW, 2.0kW OSGR Starters

Dim.: 11.5mm ID x 21.8mm OD
4mm Thick

Note: used w/ 72-82104 insulator



72-82109

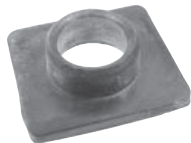
Insulator

- Terminal External

For: Denso 1.0kW, 1.2kW, 1.4kW, 1.6kW, 1.8kW, 2.0kW OSGR Starters

Dim.: 11.5mm ID x 19.8mm OD
6mm Thick

Note: used w/ 72-82104 insulator



72-82104

Insulator

- Terminal Internal

For: denso 1.0kW, 1.2kW, 1.4kW, 1.6kW, 1.8kW, 2.0kW OSGR

OEM: Starters

Lester: 8mm ID x 6.25mm Thick

Note: used with 72-82101 or 72-82109 or 72-82118H external insulator



72-82118H

Insulator

- Switch Terminal

For: Denso 1.0kW, 1.2kW, 1.4kW, 1.6kW, 1.8kW, 2.0kW OSGR Starters

Dim.: 9mm ID x 22.7mm OD

Lester: 17485, 17493, 17495, 17519, 17520, 17521, 17523, 17524, 17525, 17529, 17530, 17531, 17532, 17533, 17534, 17535, 17536, 17537, 17666, 17668, 17672, 17687, 17700, 17706, 17707, 17715, 17716, 17727, 17737, 17747, 17774, 17777, 17791

Note: Used w/ 72-82104 internal insulator



72-82121

Insulator

- Switch Terminal

For: Denso 1.2kW, 1.4kW OSGR Starters

Dim.: 11.7mm ID x 33.2mm OD

Lester: 17259, 17581, 17784, 17785, 17788, 17800, 17808, 17809, 18141, 18273, 18274

Note:



72-82103

Insulator

- Field Coil

For: Denso 1.4kW OSGR Starters
Lester: 16236, 16248, 16251, 16578, 16585, 16586, 16600, 16674, 16696, 16758, 16759, 16760, 17100, 17169

Note: Early type;
Used in starters w/ internal Thru Bolts.



72-82119

Insulator

- Field Coil

For: Denso 1.4kW OSGR Starters
Lester: 17197

Note: used on 57-8201 Field Coil Assy.



76-82103
Cage - Roller

For: denso 1.0kW, 1.2kW, 1.4kW, 1.6kW, 1.8kW, 2.0kW, 2.2kW OSGR Starters

Dim.: 21mm OD x 13.2mm L

Note: Used w/ 76-82104 roller. Similar to 76-82147 except 76-82147 has 11.3mm L

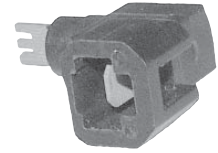


76-82104
Roller - Cage

For: Nippondenso 1.0kW, 1.2kW, 1.4kW, 1.6kW, 1.8kW, 2.0kW, 2.2kW OSGR Starters

Dim.: 6mm OD x 9.5mm L

Note: Used in 76-82103, 76-82147 roller cage.



76-82161
Switch Terminal
(Universal Type)

For: Denso 1.2kw, 1.4kw OSGR Starter

Dim.: 26.3mm OAL, 9.2mm Neck OD

Lester: 16831, 16878, 17197, 17240, 17256, 17259, 17263, 17400, 17423, 17424, 17460, 17465, 17481, 17524, 17562, 17570, 17571, 17735

Note:



76-82147
Cage - Roller

For: Denso 1.2kW, 1.4kW, 1.8kW, 2.0kW OSGR Starters

Dim.: 21mm OD x 11.3mm L

Lester: 16831, 878, 888; 17020, 170, 197, 202, 204, 216, 240, 242, 256, 259, 263, 273, 285, 400, 423, 424, 460, 464, 465, 466, 481, 485, 493, 516, 517, 519, 524, 526, 529, 530, 531, 532, 533, 534, 535, 536, 537, 546, 549, 562, 570, 571, 573, 574, 579, 581, 584, 665, 668, 672, 687, 700, 706, 707, 711, 715, 716, 727, 737, 747, 748, 774, 777, 791

Note: Used w/ 76-82104 roller. Similar to 76-82103 except 76-82103 has 13.2mm L.



76-82132
Connector
- Solenoid Coil

For: Denso Series Starters

Dim.: 8mm ID

Lester: 17197 etc.

Note: used w/ 66-82142 solenoid coil



76-82508H
Switch Terminal

For: Denso 1.0kw, 1.2kw, 1.4kw, 1.6kw, 2.0kw Starter

Lester: 16236, 16248, 16578, 16585, 16612, 17001, 17002, 17003, 17125, 17254, 17256, 17420, 17422, 17483, 17487, 17546

Note: Late type (High Profile type)



76-82133
Connector
- Solenoid Coil

For: Denso Series Starters

Dim.: 8mm ID

Lester: 17216, 17466 etc.

Note:



79-82001

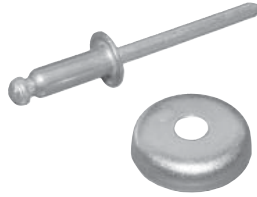
Repair Kit

- Motor Terminal

For: Denso Series Starter

Note: components included:

- 66-82106 Contact
- 71-82129 O-Ring
- 72-82101 Insulator
- 72-82104 Insulator
- 84-82115 Contact bolt
- 85-82012F Unserrated Flange Nut
- 85-82103 Hex Nut
- 85-82119 Wave washer



79-82202

Repair Kit

- Plunger

For: Denso Series Starter

Note: components included:

- 66-82533 Retainer
- 84-82519 Revit



79-82002

Repair Kit

- Battery Terminal

For: Denso Series Starter

Note: components included:

- 66-82114H Contact
- 66-82157 Insulator
- 71-82129 O-Ring
- 72-82101 Insulator
- 72-82104 Insulator
- 84-82119 Contact bolt
- 85-82012F Unserrated Flange Nut
- 85-82103 Hex Nut
- 85-82119 Wave washer



84-82116
Screw
Phillips Pan Washer Head
w/ O-Ring

For: Denso 1.4kw late type starter
Dim.: M4 x 0.7 x 11mm L
Note: for Brush Holder use;
O-Ring use 71-82128



84-82132
Bolt
Phillips Hex Head
w/ Split lock washer

For: Denso Series starter
Dim.: M5 x 0.8 x 36mm L
Note: 8mm Drive



84-82104
Thru Bolt
Hex Washer Head

For: Denso 1.4kw late type starter
Dim.: M6 x 1.0 x 137mm L
Note: same with 84-82104C, but
84-82104C has chromed.



84-82131
Screw
Hex Head
w/ Split lock washer

For: Denso Series starter
Dim.: M4 x 0.7 x 12mm L
Note: used on 66-82120 solenoid
cover;
same with 84-82131C, but
84-82131C has chromed.



84-82125
Thru Bolt
Hex Washer Head
w/ Chamfer point

For: Denso Series starter
Dim.: M5 x 0.8 x 127mm L
Note: 8mm Drive;
same with 84-82125C, but
84-82125C has chromed.



84-82104C
Thru Bolt
Hex Washer Head
Chromed

For: Denso 1.4kw late type starter
Dim.: M6 x 1.0 x 137mm L
Note: original use 84-82104.



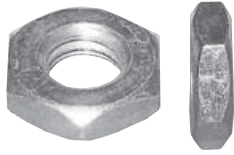
84-82131C
Screw, Chromed
Hex Head
w/ Split lock washer

For: Denso Series starter
Dim.: M4 x 0.7 x 12mm L
Note: used on 66-82120 solenoid
cover.
original use 84-82131.



84-82125C
Thru Bolt, Chromed
Hex Washer Head
w/ Chamfer point

For: Denso Series starter
Dim.: M5 x 0.8 x 127mm L
Note: 8mm Drive;
original use 84-82125.



85-82102

Hex Nut

2-side chamfered

For: Denso Series starter
Dim.: M8 x 1.25 x 4mm Thick
 14mm Drive

Note: similar to 85-82103 and 85-82107, except 85-82103 has 1-side chamfered, 85-82107 without chamfer.



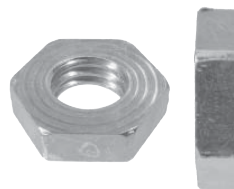
85-82103

Hex Nut

1-side chamfered

For: Denso Series starter
Dim.: M8 x 1.25 x 4mm Thick
 14mm Drive

Note: similar to 85-82102 and 85-82107, except 85-82102 has 2-side chamfered, 85-82107 without chamfer.



85-82107

Hex Nut

without chamfered

For: Denso Series starter
Dim.: M8 x 1.25 x 4mm Thick
 14mm Drive

Note: similar to 85-82102 and 85-82103, except 85-82102 has 2-side chamfered, 85-82103 has 1-side chamfered.



85-82012

Hex Nut

w/ Serrated Flange

For: Denso Series starter
Dim.: M8 x 1.25 x 7.8mm Thick
 14mm Drive

Note: similar to 85-82012F, except 85-82012F has unserrated flange.



85-82012F

Hex Nut

w/ Unserrated Flange

For: Denso Series starter
Dim.: M8 x 1.25 x 7.8mm Thick
 14mm Drive

Note: similar to 85-82012, except 85-82012 has serrated flange.



85-82110

Split Lock Washer

For: Denso Series starter
Dim.: 8mm ID x 14mm OD
 1.6mm Thick

Note: for Terminal Post



85-82119

Wave Washer

For: Denso Series starter
Dim.: 8.5mm ID x 16mm OD
 0.85mm Thick

Note: for Terminal Post



Metro Number Listing

Parts No.	Description	Pg. #	Parts No.	Description	Pg. #
HD-0100	Starter	1	57-8201	Field Case Assembly	18
HD-0100C	Starter	1	57-8201C	Field Case Assembly	18
HD-0101	Starter	1	57-8203	Field Case Assembly	18
HD-0103	Starter	1	57-8205	Field Case Assembly	18
HD-0110	Starter	1	57-82101	Field Case Housing	18
51-82212	D.E. Housing	3	57-82102	Field Case Housing	18
51-82212B	D.E. Housing	3	57-8211C	Field Case Assembly	18
51-82212C	D.E. Housing	3	59-82201	Field Coil	18
51-82217	D.E. Housing	3	6-10242	Bearing - Armature	19
51-82218	D.E. Housing	3	6-10442	Bearing - Drive	15
51-82220	D.E. Housing	3	6-60842	Bearing - Armature	19
51-82220C	D.E. Housing	3	6-90442	Bearing - Drive	15
51-82267	D.E. Housing	3	61-8201	Armature	19
51-82270	D.E. Housing	4	61-8203	Armature	19
51-82270C	D.E. Housing	4	61-8205	Armature	19
52-82102	C.E. Cover	5	61-82201	Commutator - Armature	19
52-82103	C.E. Cover	5	61-82202	Armature	19
52-82110	C.E. Cover	5	61-82202N	Armature	19
52-82110B	C.E. Cover	5	62-82001	Bushing - Drive	16
52-82110BU	C.E. Cover	5	62-82002	Bushing - Drive	16
52-82110C	C.E. Cover	5	66-82101	Gasket - Cover	10
52-82110CU	C.E. Cover	5	66-82102	Gasket - Cover	10
52-82118	C.E. Cover	5	66-82103	Plunger Assembly	10
52-82118C	C.E. Cover	5	66-82106	Contact	13
52-82118U	C.E. Cover	6	66-82109	Cover - Solenoid Housing	9
52-82118UC	C.E. Cover	6	66-82109C	Cover - Solenoid Housing	9
52-82126	C.E. Cover	6	66-82110	Cover - Solenoid Housing	9
52-82126C	C.E. Cover	6	66-82110C	Cover - Solenoid Housing	9
52-82133	C.E. Cover	6	66-82114H	Contact	13
52-82133C	C.E. Cover	6	66-82120	Cover - Solenoid Housing	9
53-8201	Solenoid Assembly	7	66-82120C	Cover - Solenoid Housing	9
53-82107	Solenoid Housing	8	66-82125	Plunger Assembly	10
53-82107C	Solenoid Housing	8	66-82126	Plunger Assembly	10
53-82115	Solenoid Housing	8	66-82131H	Contact Disc - Plunger	11
53-82115B	Solenoid Housing	8	66-82134H	Contact Disc - Plunger	11
53-82115C	Solenoid Housing	8	66-82135	Gasket - Cover	10
53-82118	Solenoid Housing	8	66-82136	Insulator - Plunger	11
53-82118C	Solenoid Housing	8	66-82136R	Insulator - Plunger	11
53-82121	Solenoid Housing	8	66-82141	Solenoid Coil	12
53-82121C	Solenoid Housing	8	66-82142	Solenoid Coil	12
53-82215C	Solenoid Housing	9	66-82142K	Solenoid Coil Assembly	12
53-8250	Solenoid Assembly	7	66-82143	Contact	13
54-82001	Spring - Clutch Shaft	16	66-82148	Gasket - Solenoid Coil	12
54-82002	Spring - Clutch Shaft	16	66-82149	Tube - Solenoid Coil	13
54-82003	Shaft - Drive	16	66-82150	Bobbin - Solenoid Coil	13
54-82004	Sleeve - Clutch	16	66-82155	Bracket	13
54-82005	Roller - Clutch	16	66-82156	Back Plate	13
54-82005A	Roller - Clutch	16	66-82157	Insulator - Contact	14
54-82007	Clutch Assembly	15	66-82161	Back Plate	13
54-82007-G	Clutch Gear	15	66-82162	Insulator - Plunger	11
54-82007-K	Clutch Kit	15	66-82165	Cover - Solenoid Housing	10
54-82103	Pinion Gear	15	66-82166	Gasket - Cover	10
54-82141	Idle Gear	15	66-82171	Solenoid Coil	12
54-82196	Shaft - Drive	16	66-82175	Insulator - Plunger	11
54-82197	Shaft - Drive	16	66-82176	Plunger Assembly	10

Metro Number Listing



Parts No.	Description	Pg. #	Parts No.	Description	Pg. #
66-82177	Insulator - Plunger	11	76-82161	Switch Terminal	25
66-82179	Contact	14	76-82182	Ball - Plunger	12
66-82504	Bracket	13	76-82182-1	Ball - Plunger	12
66-82533	Retainer - Plunger	12	76-82185	Ball - Plunger	12
68-82010	Brush - Brush Holder	20	76-82508H	Switch Terminal	25
69-82103	Brush Holder Assembly	20	79-82001	Repair Kit - Motor Terminal	26
69-82106	Brush Holder Assembly	20	79-82002	Repair Kit - Motor Terminal	26
69-82107	Brush Holder Assembly	20	79-82202	Repair Kit - Plunger	26
69-82111	Return Spring - Plunger	11	84-82104	Thru Bolt	27
69-82113	Spring - Brush Holder	20	84-82104C	Thru Bolt	27
69-82120	Return Spring - Plunger	11	84-82110	Contact Bolt	14
69-82122	Brush Holder Assembly	20	84-82113	Contact Bolt	14
71-82101G	Boot - Motor Lead	21	84-82114	Contact Bolt	14
71-82101H	Boot - Motor Lead	21	84-82115	Contact Bolt	14
71-82103H	O-Ring - Field Case	22	84-82116	Screw	27
71-82104	Grommet - Motor Lead	22	84-82119	Contact Bolt	14
71-82106H	O-Ring - Field Case	23	84-82125	Thru Bolt	27
71-82111	Plug	23	84-82125C	Thru Bolt	27
71-82115	Grommet - Motor Lead	22	84-82129	Contact Bolt	14
71-82117	Drain Tube - C.E. Cover	21	84-82131	Screw	27
71-82118	Drain Tube - C.E. Cover	21	84-82131C	Screw	27
71-82119	Drain Tube - C.E. Cover	21	84-82132	Bolt	27
71-82120	Drain Tube - C.E. Cover	21	84-82519	Rivet - Plunger	14
71-82122	Drain Tube - C.E. Cover	21	85-82012	Hex Nut	28
71-82125	Plug	23	85-82012F	Hex Nut	28
71-82126	Plug	23	85-82102	Hex Nut	28
71-82128	O-Ring	23	85-82103	Hex Nut	28
71-82129	O-Ring	23	85-82107	Hex Nut	28
71-82130	Grommet - Motor Lead	22	85-82110	Split Lock Washer	28
71-82131	Grommet - Motor Lead	22	85-82119	Wave Washer	28
71-82139	O-Ring	23			
71-82141	O-Ring	23			
71-82143	O-Ring	23			
71-82156	Boot - Motor Lead	21			
71-82157	Boot - Motor Lead	21			
71-82159	Grommet - Motor Lead	22			
71-82160	Grommet - Motor Lead	22			
71-82163	Grommet - Motor Lead	22			
71-82169	Grommet - Motor Lead	22			
72-82101	Insulator - Terminal Ext.	24			
72-82103	Insulator - Feidl Coil	24			
72-82104	Insulator - Terminal Int.	24			
72-82109	Insulator - Terminal Ext.	24			
72-82118H	Insulator - Switch Terminal	24			
72-82119	Insulator - Feidl Coil	24			
72-82121	Insulator - Switch Terminal	24			
76-82103	Cage - Roller	25			
76-82104	Roller - Cage	25			
76-82109	Retainer Ring - Drive	16			
76-82110	Stop Collar - Drive	17			
76-82111	Spring - Pinion	17			
76-82112	Gear Plate - Pinion	17			
76-82132	Connector - Solenoid Coil	25			
76-82133	Connector - Solenoid Coil	25			
76-82147	Cage - Roller	25			



HARLEY-DAVIDSON

Denso Starter and Component Parts

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