

# Hair Pin Alternator Parts



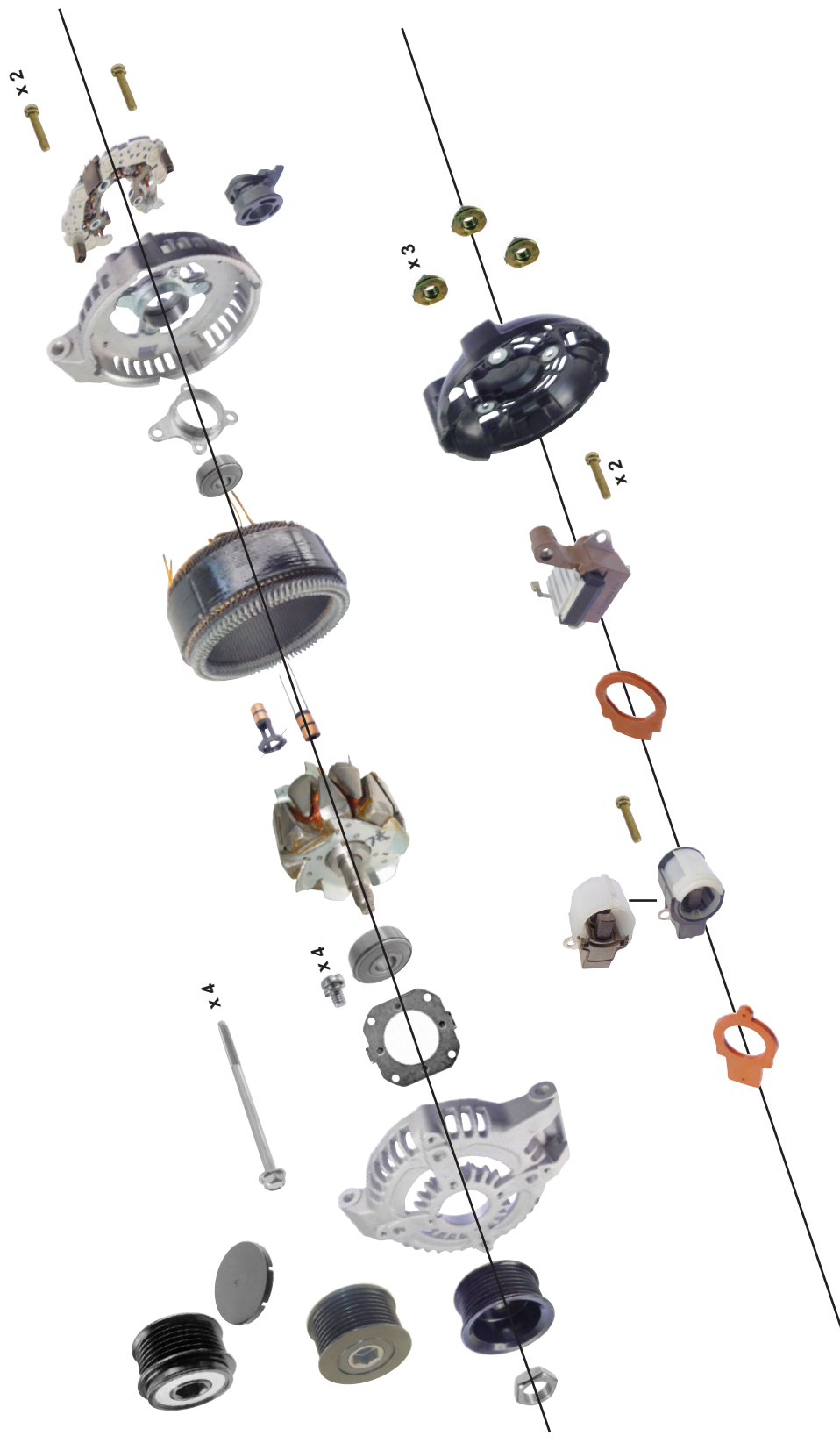
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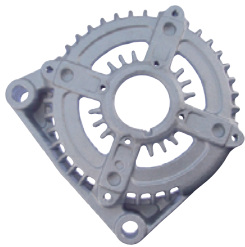
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# Denso Hair Pin Exploded View

104210 & 421000 Series

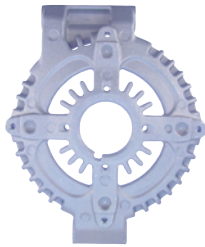


# 21-Drive End Housing



**21-82084**  
DE Housing

**130-160 Amp, 128.5mm Stator OD**  
**Used on:** Chrysler, Dodge  
**Replaces:** 121400-2630, 121401-0080  
**OE:** 104210-424; 421000-001, -002, 421000-012, -013, -022, -049  
**Lester:** 13870, 13871, 11114  
**Ref:** AZ-0378



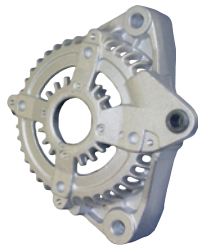
**21-82087**  
DE Housing

**105 Amp, 128.5mm Stator OD**  
**Used on:** Acura, Honda  
**Replaces:** 121401-0920  
**OE:** 104210-329, 104210-473  
**Lester:** 13980  
**Ref:** AH-03113



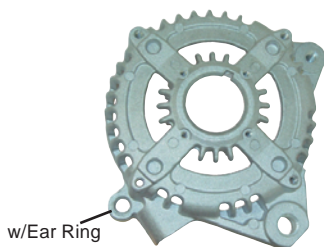
**21-82090**  
DE Housing

**140 Amp, 128.5mm Stator OD**  
**Used on:** Jaguar S-Style, XJ8, XJR..  
**Replaces:**  
**OE:** 104210-308, -320, -415, -491, -504  
**Lester:** 13978, 13979  
**Ref:** AE-0322



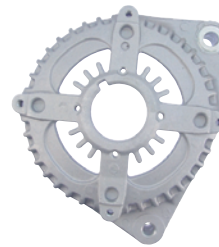
**21-82085**  
DE Housing

**130-150 Amp, 128.5mm Stator OD**  
**Used on:** Lexus GX, Toyota 4Runner  
**Replaces:**  
**OE:** 104210-303, -338, -339, -344, -346, 104210-368, -400, -451, -511, -512  
**Lester:** 13983, 13992, 13994, 11087, 11090, 11153, 11197, 11198  
**Ref:** AT-03274



**21-82088**  
DE Housing

**100 Amp, 128.5mm Stator OD**  
**Used on:** Toyota RAV4  
**Replaces:** 121401-0520  
**OE:** 104210-378, -388, -389, -403, -481  
**Lester:** 11084, 11088, 11034, 11195, 11201  
**Ref:** AT-03295  
**Note:** DE w/ Ear Ring.  
 DE wo/Ear Ring please use 21-82097



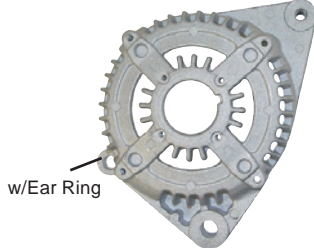
**21-82095**  
DE Housing

**130 Amp, 128.5mm Stator OD**  
**Used on:**  
**Replaces:** Acura MDX, Honda Odyssey  
**OE:** 104210-309  
**Lester:** 13918  
**Ref:** AH-03107



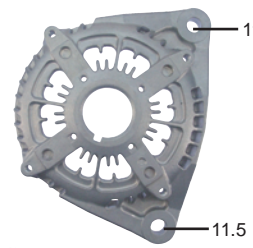
**21-82086**  
DE Housing

**100-130 Amp, 128.5mm Stator OD**  
**Used on:** Toyota Tacoma, 4Runner  
**Replaces:** 121401-1090  
**OE:** 104210-347, 104210-420, 104210-423, 104210-492  
**Lester:** 13984, 11138, 11139, 11324,  
**Ref:** AT-03280



**21-82089**  
DE Housing

**100-150 Amp, 128.5mm Stator OD**  
**Used on:** Lexus, Toyota  
**Replaces:**  
**OE:** 104210-304, -312, -345, -362, -379, 104210-418, -419  
**Lester:** 13905, 13927, 13981, 11032, 11033  
**Ref:** AT-03266, AT-03275  
**Note:** DE w/ Ear Ring.



**21-82096**  
DE Housing

**180-220 Amp, 138mm Stator OD**  
**Used on:**  
**Replaces:** Dodge Truck  
**OE:** 421000-700, 421000-701  
**Lester:** 11379, 11380

DE  
SRE  
CLUTCH PULLEY  
Cap & Tool for Clutch Pulley  
Solid PULLEY  
Stator  
Slip Ring  
Rotor  
Rectifier and Parts  
Diode  
Regulator Terminal Block  
Brush Holder and Parts  
Insulator  
SRE COVER  
Misc. Pars  
B+ Term. Post & Nut  
Hardware

# 21-Drive End Housing

DE  
SRE  
CLUTCH Gap & Tool  
PULLEY for Clutch  
PULLEY Solid  
Stator  
Slip Ring  
Rotor  
Rectifier and Parts  
Diode  
Regulator Terminal Block  
Brush Holder and Parts  
Insulator  
SRE COVER  
Misc. Parts B+  
Post & Nut  
Hardware



**21-82097**  
DE Housing

**100-140 Amp, 128.5mm Stator OD**  
Used on: Toyota Camry, Solara  
Replaces:  
OE: 104210-497, -481, -533  
Lester: 11034, 11195, 11201  
Note: DE wo/ Ear Ring.  
DE w/ Ear Ring please use  
21-82088



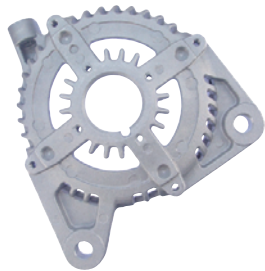
**21-82101**  
DE Housing

**150 Amp, 128.5mm Stator OD**  
Used on: John Deere  
Replaces: 121401-0780  
OE: 104210-392  
Lester: 12660



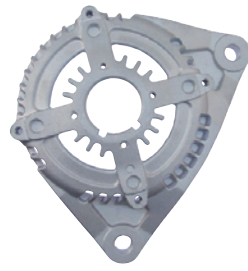
**21-82104**  
DE Housing

**100-150 Amp, 128.5mm Stator OD**  
Used on: Lexus, Toyota  
Replaces:  
OE: 104210-209, -214, -447, -457, -474,  
104210-475, 104210-551  
Lester: 11136, 11137, 11322, 11323,  
11325, 11326  
Ref: AT-03308



**21-82098**  
DE Housing

**136 Amp, 128.5mm Stator OD**  
Used on: Chrysler Pacifica  
Replaces:  
OE: 421000-014, 421000-030  
Lester: 11063  
Ref: AZ-0395  
Note: wo/ mounting ear, please use  
21-82145



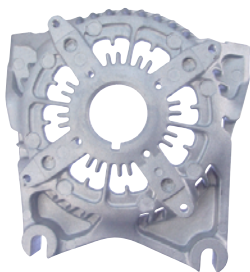
**21-82102-1**  
DE Housing

**145-160 Amp, 128.5mm Stator OD**  
Used on: Chrysler, Dodge  
Replaces:  
OE: 421000-021, -041, -051, -052, -058,  
421000-067, -073  
Lester: 13988, 11297, 11298, 11299,  
11378, 11449,  
Ref: AZ-0389



**21-82106**  
DE Housing

**150 Amp, 128.5mm Stator OD**  
Used on: Volvo  
Replaces:  
OE: 104210-356, 104210-464  
Lester: 11054



**21-82099**  
DE Housing

**195 Amp, 138mm Stator OD**  
Used on: Ford E Series Truck  
Replaces:  
OE: 104210-618  
Lester: 11434



**21-82103**  
DE Housing

**130-160 Amp, 128.5mm Stator OD**  
Used on: Chrysler, Dodge  
Replaces:  
OE: 421000-025, -026, -034, -062, -063  
Lester: 11112, 11113, 11382, 11383  
Ref: AZ-0392



**21-82107**  
DE Housing

**130-160 Amp, 128.5mm Stator OD**  
Used on: GM Cadillac  
Replaces:  
OE: 104210-600  
Lester: 11181

# 21-Drive End Housing



**21-82108**  
DE Housing

150 Amp, 128.5mm Stator OD

Used on: Landrover

Replaces:

OE: 104210-369, 104210-370

Lester: 11205, 11206, 11569

Ref: AN-03109



**21-82111**  
DE Housing

Amp, 128.5mm Stator OD

Used on: Hyundai, Kia

Replaces:

OE: 104210-180, -287, -564, -581

Lester: 11387, 11524, 11591, 11686

Ref: AN-03148



**21-82114**  
DE Housing

100 Amp, 128.5mm Stator OD

Used on: Pontiac, Scion, Toyota

Replaces:

OE: 104210-548, 104210-549

Lester: 11385, 11386

Ref: AT-03325



**21-82109**  
DE Housing

125 Amp, 128.5mm Stator OD

Used on: Ford Truck

Replaces:

OE: 104210-543

Lester: 11291

Ref: AE-0330



**21-82112**  
DE Housing

130 Amp, 128.5mm Stator OD

Used on: Honda Accord

Replaces:

OE: 104210-589

Lester: 11390

Ref: AH-03132



**21-82115**  
DE Housing

200 Amp, 138mm Stator OD

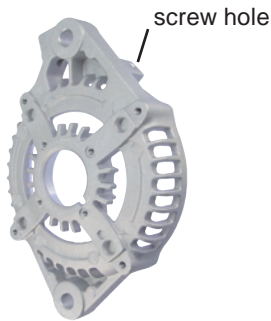
Used on: Ford Truck

Replaces:

OE: 104210-6100, 104210-6103

Lester: 11290

Ref: AE-0331



**21-82110**  
DE Housing

150 Amp, 128.5mm Stator OD

Used on: Lexus

Replaces:

OE: 104210-205, 104210-468

Lester: 11196

Ref: AT-03306



**21-82113**  
DE Housing

130 Amp, 128.5mm Stator OD

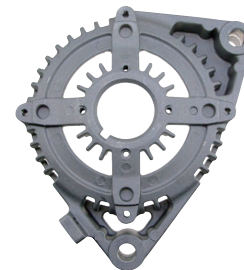
Used on: Acura, Honda

Replaces:

OE: 104210-124, -160, -189, -199, -310,  
104210-350, -377, -429, -830, -851,  
104210-852

Lester: 11030, 11062, 11099, 11150,  
11151, 11391, 11392, 11573,  
11600, 11670, 11671, 11672,  
11773, 11774, 11775

Ref: AH-03123



**21-82116**  
DE Housing

130 Amp, 128.5mm Stator OD

Used on: Cadillac

Replaces: 121401-0592

OE: 104210-328, -334, -438

Lester: 11003, 11037

Ref: AJ-03129

DE  
SRE  
CLUTCH PULLEY  
Cap & Tool for Clutch Pulley  
Solid PULLEY  
Stator  
Slip Ring  
Rotor  
Rectifier and Parts  
Diode  
Regulator Terminal Block  
Brush Holder and Parts  
Insulator  
SRE COVER  
Misc. Pars  
B+ Term. Post & Nut  
Hardware

# 21-Drive End Housing

DE  
SRE  
CLUTCH Gap & Tool  
PULLEY for Clutch  
PULLEY Solid  
Stator Slip Ring  
Rotor  
Rectifier and Parts  
Diode  
Regulator Terminal Block  
Brush Holder and Parts  
Insulator  
SRE COVER  
Misc. Parts B+ Term.  
Post & Nut  
Hardware



**21-82117**  
DE Housing

150 Amp, 128.5mm Stator OD

Used on: Ford, Lincoln

Replaces:

OE: 104210-470, -563, -582

Lester: 11293, 11430, 11431

Ref: AE-0332



**21-82120**  
DE Housing

160 Amp, 128.5mm Stator OD

Used on: Chrysler, Dodge, Jeep

Replaces:

OE: 421000-075

Lester: 11572

Ref: AZ-03136



**21-82123**  
DE Housing

150-160 Amp, 128.5mm Stator OD

Used on: Jeep

Replaces:

OE: 421000-036, -055, -066

Lester: 11155, 11241

Ref: AZ-03105



**21-82118**  
DE Housing

170 Amp, 138mm Stator OD

Used on: Buick, Chevy, GM, Saturn

Replaces:

OE: 104210-616

Lester: 11252



**21-82121**  
DE Housing

80 Amp, 110.7mm Stator OD

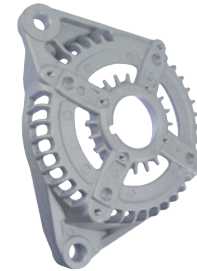
Used on: Toyota Tacoma

Replaces:

OE: 104210-811, 104210-823

Lester: 11194, 11354

Note: This unit is aluminum SRE Cover but with Hair Pin Stator.



**21-82124**  
DE Housing

160 Amp, 128.5mm Stator OD

Used on: Chrysler, Dodge, Jeep

Replaces:

OE: 421000-004, -010, -032, -044, -047

421000-050, -053, -060, -071

Lester: 11240, 11277, 13912, 13913

Ref: AZ-0376



**21-82119**  
DE Housing

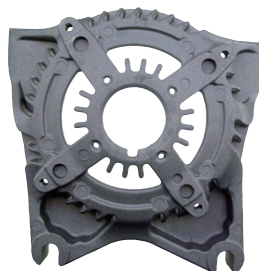
180 Amp, 138mm Stator OD

Used on: Lexus, Toyota

Replaces:

OE: 104210-614

Lester: 11405



**21-82122**  
DE Housing

Amp, 128.5mm Stator OD

Used on: Ford Truck

Replaces:

OE: 104210-111, -586, -597

Lester: 11292, 11432

Ref: AE-0349



**21-82125**  
DE Housing

150 Amp, 128.5mm Stator OD

Used on: Cadillac

Replaces:

OE: 104210-326

Lester: 11038

# 21-Drive End Housing



**21-82126**  
DE Housing

**150 Amp, 128.5mm Stator OD**  
Used on: Toyota  
Replaces:  
OE: 104210-508, -509, -510  
Lester: 11350, 11351, 11352, 11765  
Ref: AT-03333



**21-82129**  
DE Housing

**150 Amp, 128.5mm Stator OD**  
Used on: Chrysler, Dodge  
Replaces:  
OE: 421000-039, -046, -065  
Lester: 11286, 11381, 11401



**21-82132**  
DE Housing

**160 Amp, 128.5mm Stator OD**  
Used on: Chrysler  
Replaces:  
OE: 421000-077  
Lester: 11570



**21-82127**  
DE Housing

**100 Amp, 128.5mm Stator OD**  
Used on: Toyota  
Replaces:  
OE: 104210-263, 104210-265  
Lester: 11516, 11519  
Ref: AT-03338



**21-82130**  
DE Housing

**136 Amp, 128.5mm Stator OD**  
Used on: Buick, Chevy  
Replaces:  
OE: 104210-422  
Lester: 11179



**21-82133**  
DE Housing

**100 Amp, 128.5mm Stator OD**  
Used on: Toyota  
Replaces:  
OE: 104210-284  
Lester: 11517



**21-82128**  
DE Housing

**130-140 Amp, 128.5mm Stator OD**  
Used on: Chevy, Potiac, Saturn  
Replaces:  
OE: 104210-414, -433, -441, -442  
Lester: 11109, 11110, 11140  
Ref: AJ-03135



**21-82131**  
DE Housing

**100 Amp, 128.5mm Stator OD**  
Used on: Toyota  
Replaces:  
OE: 104210-227, -234, -843  
Lester: 11402



**21-82134**  
DE Housing

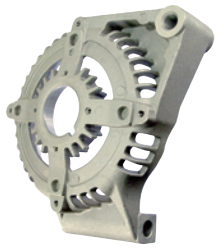
**160 Amp, 128.5mm Stator OD**  
Used on: Chrysler, Dodge  
Replaces:  
OE: 421000-005, -011, -015, -020, -037  
Lester: 11040, 11244, 13914, 13915  
Ref: AZ-0377

DE  
SRE  
CLUTCH PULLEY  
Cap & Tool for Clutch Pulley  
Solid PULLEY  
Stator  
Slip Ring  
Rotor  
Rectifier and Parts  
Diode  
Regulator Terminal Block  
Brush Holder and Parts  
Insulator  
SRE COVER  
Misc. Pars  
B+ Term. Post & Nut  
Hardware



# 21-Drive End Housing

DE  
SRE  
CLUTCH Gap & Tool  
PULLEY for Clutch  
PULLEY Solid  
Stator  
Slip Ring  
Rotor  
Rectifier and Parts  
Diode  
Regulator Terminal Block  
Brush Holder and Parts  
Insulator  
SRE COVER  
Misc. Parts B+  
Post & Nut  
Hardware



**21-82135**  
DE Housing

150 Amp, 128.5mm Stator OD

Used on: Chevy, Potiac

Replaces:

OE: 104210-330, -331, -499, -507

Lester: 11035, 11036, 11146, 11156, 11180

Ref: AJ-03120



**21-82139**  
DE Housing

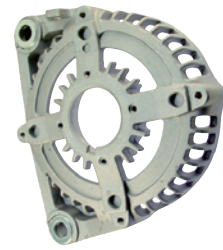
180 Amp, 138mm Stator OD

Used on: Chrysler, Dodge, Jeep

Replaces:

OE: 421000-702, 421000-703

Lester: 11575, 11576



**21-82142**  
DE Housing

Amp, 128.5mm Stator OD

Used on: Buick

Replaces:

OE: 104210-225

Lester: 11367



**21-82136**  
DE Housing

140-150 Amp, 128.5mm Stator OD

Used on: Buick, Cadillac, Pontiac

Replaces:

OE: 104210-306, 104210-437

Lester: 11178, 13919

Ref: AJ-03100



**21-82140**  
DE Housing

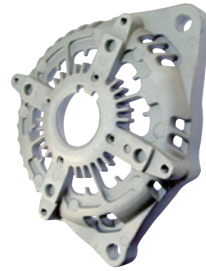
170 Amp, 138mm Stator OD

Used on: Chevy, GMC Truck

Replaces:

OE: 104210-686, -687

Lester: 14009, 14020



**21-82143**  
DE Housing

180-225 Amp, 138mm Stator OD

Used on: Ford Truck

Replaces:

OE: 104210-622, -634, -660, -667

Lester: 11624, 11627, 11629, 11630

Ref: AE-0365



**21-82138**  
DE Housing

130-160 Amp, 128.5mm Stator OD

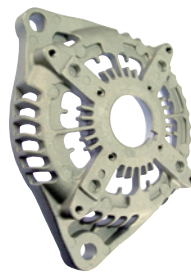
Used on: Chrysler, Dodge

Replaces:

OE: 421000-012, -018, -019

Lester: 11039, 11048, 13923

Ref: AZ-0380



**21-82141**  
DE Housing

220 Amp, 138mm Stator OD

Used on: Ford Truck

Replaces:

OE: 104210-627

Lester: 11532



**21-82144**  
DE Housing

150 Amp, 128.5mm Stator OD

Used on: GM

Replaces:

OE: 104210-541

Lester: 11250

Ref: AJ-03156

# 21-Drive End Housing



**21-82145**  
**DE Housing**  
**160 Amp, 128.5mm Stator OD**  
**Used on:** Chrysler, Dodge  
**Replaces:**  
**OE:** 421000-0480  
**Lester:** 11296  
**Note:** w/ mounting ear, please use 21-82098



**21-82148**  
**DE Housing**  
**140-150 Amp, 128.5mm Stator OD**  
**Used on:** Chevy, Cadillac  
**Replaces:**  
**OE:** 104210-834, -835  
 104211-911  
**Lester:** 11785, 14007  
**Ref:** AJ-03179

**Photo  
 Coming Soon**

**21-82154**  
**DE Housing**  
**150 Amp, 128.5mm Stator OD**  
**Used on:** Volvo  
**Replaces:**  
**OE:** 104210-405  
**Lester:** 11093  
**Ref:** AN-0386



**21-82146**  
**DE Housing**  
**150 Amp, 128.5mm Stator OD**  
**Used on:** Chrysler, Dodge  
**Replaces:**  
**OE:** 421000-080  
**Lester:** 11574



**21-82149**  
**DE Housing**  
**180-220 Amp, 138mm Stator OD**  
**Used on:**  
**Replaces:**  
**OE:** 421000-704, 421000-705  
**Lester:** 11592, 11598  
**Ref:** AZ-03133



**21-82155**  
**DE Housing**  
**160 Amp, 128.5mm Stator OD**  
**Used on:** Jeep  
**Replaces:** 021041-6780, 021041-6950  
**OE:** 421000-081  
**Lester:** 11584  
**Ref:**  
**Note:** 11584 is a CCW unit



**21-82147**  
**DE Housing**  
**150 Amp, 128.5mm Stator OD**  
**Used on:** Cadillac  
**Replaces:**  
**OE:** 104210-200, -319, -332, -435, -443,  
 104210-539, -813  
**Lester:** 11044, 11046, 11369, 11508,  
 14021  
**Ref:** AJ-03142

**Photo  
 Coming Soon**

**21-82151**  
**DE Housing**  
**140 Amp, 128.5mm Stator OD**  
**Used on:** Chrysler, Dodge  
**Replaces:**  
**OE:** 4896803AC  
**Lester:** 11506



**21-82156**  
**DE Housing**  
**150 Amp, 128.5mm Stator OD**  
**Used on:** Ford Mustang  
**Replaces:**  
**OE:** 104210-294, -295, -296, -297  
 104211-245  
**Lester:** 11621, 11623, 11625, 11626,  
 11759  
**Ref:** AE-0381

DE  
 SRE  
 CLUTCH PULLEY  
 Cap & Tool for Clutch Pulley  
 Solid PULLEY  
 Stator  
 Slip Ring  
 Rotor  
 Rectifier and Parts  
 Diode  
 Regulator Terminal Block  
 Brush Holder and Parts  
 Insulator  
 SRE COVER  
 Misc. Pars  
 B+ Term. Post & Nut  
 Hardware

# 21-Drive End Housing

DE

SRE

CLUTCH  
PULLEY

Cap & Tool  
for Clutch  
Pulley

Solid  
PULLEY

Stator

Slip Ring

ROTOR

Rectifier  
and  
Parts

Diode

Regulator  
Terminal  
Block

Brush  
Holder  
and Parts

Insulator

SRE  
COVER

Misc. Parts

B+ Term.  
Post & Nut

Hardware

**Photo  
Coming Soon**

**21-82157  
DE Housing  
150 Amp, 128.5mm Stator OD**

**Used on:** Toyota

**Replaces:**

**OE:** 104211-3301

**Lester:** 11776



**21-82159  
DE Housing  
130 Amp, 128.5mm Stator OD**

**Used on:** Ford

**Replaces:**

**OE:** 104210-409, 104210-530

**Lester:** 11238

**Photo  
Coming Soon**

**21-82160  
DE Housing  
180 Amp, 138mm Stator OD**

**Used on:** Ford, Lincoln

**Replaces:**

**OE:** 104210-030, -656, -657

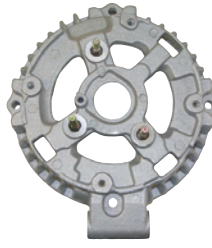
**Lester:** 11664, 11665

## 22-Slip Ring End Housing



**22-82084**  
SRE Housing

**130-160 Amp, 128.5mm Stator OD**  
Used on: Chrysler, Dodge, Jeep  
Replaces: 021500-7100  
OE: 104210-424; 421000-001, -002, 421000-022, -049  
Lester: 13870, 13871, 11114  
Ref: AZ-0478



**22-82087**  
SRE Housing

**150 Amp, 128.5mm Stator OD**  
Used on: Acura, Honda  
Replaces: 121501-2070  
OE: 104210-329, 104210-473  
Lester: 13980  
Ref: AH-04113



**22-82090**  
SRE Housing

**140 Amp, 128.5mm Stator OD**  
Used on: Jaguar  
Replaces:  
OE: 104210-308, -504  
Lester: 13979  
Ref: AN-04100



**22-82085**  
SRE Housing

**130-150 Amp, 128.5mm Stator OD**  
Used on: Lexus, Toyota  
Replaces:  
OE: 104210-338, -339, -344, -451, -512  
Lester: 13983, 13992, 13994, 11090, 11153, 11198  
Ref: AT-04274



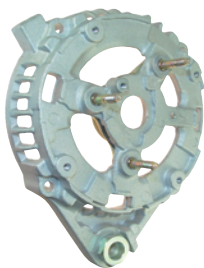
**22-82088**  
SRE Housing

**100 Amp, 128.5mm Stator OD**  
Used on: Toyota, Pontiac, Scion  
Replaces:  
OE: 104210-378, -388, -389, -403, -479, 104210-481, -488, -533  
Lester: 11034, 11084, 11088, 11195, 11201  
Ref: AT-04299



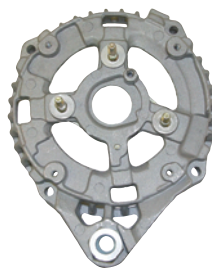
**22-82093**  
SRE Housing

**130 Amp, 128.5mm Stator OD**  
Used on: Acura, Honda  
Replaces:  
OE: 104210-309  
Lester: 13918  
Ref: AH-04107



**22-82086**  
SRE Housing

**100-130 Amp, 128.5mm Stator OD**  
Used on: Honda, Toyota  
Replaces:  
OE: 104210-347, 104210-420, 104210-423, 104210-492  
Lester: 13984, 11138, 11139, 11324  
Ref: AT-04280



**22-82089**  
SRE Housing

**Amp, 128.5mm Stator OD**  
Used on: Lexus, Toyota  
Replaces:  
OE: 104210-345, -362, -365, -375, -379, 104210-418, -419  
Lester: 13981, 11032, 11033  
Ref: AT-04275



**22-82094**  
SRE Housing

**130 Amp, 128.5mm Stator OD**  
Used on:  
Replaces:  
OE: 104210-304, 104210-312  
Lester: 13905, 13927  
Ref: AT-04266

DE  
SRE  
CLUTCH PULLEY  
Cap & Tool for Clutch Pulley  
Solid PULLEY  
Stator  
Slip Ring  
Rotor  
Rectifier and Parts  
Diode  
Regulator Terminal Block  
Brush Holder and Parts  
Insulator  
SRE COVER  
Misc. Pars  
B+ Term. Post & Nut  
Hardware

# 22-Slip Ring End Housing

DE  
SRE  
CLUTCH PULLEY  
Gap & Tool for Clutch Pulley  
Solid PULLEY  
Stator  
Slip Ring  
Rotor  
Rectifier and Parts  
Diode  
Regulator Terminal Block  
Brush Holder and Parts  
Insulator  
SRE COVER  
Misc. Parts B+ Term. Post & Nut  
Hardware



**22-82095**  
SRE Housing

136 Amp, 128.5mm Stator OD

Used on: Chrysler

Replaces:

OE: 421000-014, -030, -048, -056, -070  
Lester: 11063, 11243, 11294, 11295, 11296

Ref: AZ-0495



**22-82099**  
SRE Housing

145-160 Amp, 128.5mm Stator OD

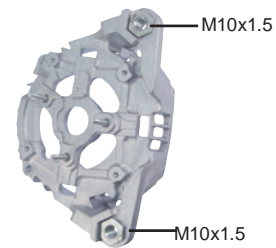
Used on: Chrysler, Dodge

Replaces:

OE: 421000-021, -041, -051, -052, -058, 42100-073

Lester: 13988, 11297, 11298, 11299, 11378

Ref: AZ-0489



**22-82102**  
SRE Housing

180-220 Amp, 138mm Stator OD

Used on: Chrysler, Dodge Ram Truck

Replaces:

OE: 421000-700, -701, -714

Lester: 11379, 11380, 11775

alignment pin



**22-82096**  
SRE Housing

195 Amp, 138mm Stator OD

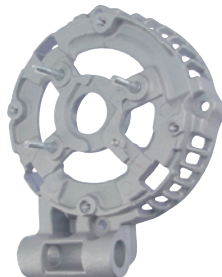
Used on: Ford Truck

Replaces:

OE: 104210-618

Lester: 11434

Note: This SRE is w/ alignment pin.  
Wo/ alignment pin, please use 22-82103.



**22-82100**  
SRE Housing

145-160 Amp, 128.5mm Stator OD

Used on: Chrysler, Dodge

Replaces:

OE: 421000-025, -026, -034, -062, -063, 421000-067

Lester: 11112, 11113, 11382, 11383, 11449

Ref: AZ-0492



**22-82103**  
SRE Housing

195 Amp, 138mm Stator OD

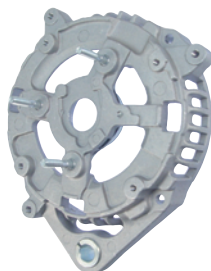
Used on: Ford Truck

Replaces:

OE: 104210-618, -686, -687

Lester: 11434, 11534, 14009, 14020

Note: Similar to 22-82096, but 22-82103 SRE wo/ Alignment Pin



**22-82098**  
SRE Housing

150 Amp, 128.5mm Stator OD

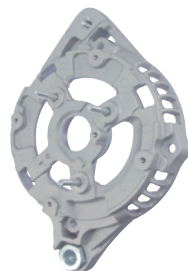
Used on: John Deere

Replaces:

OE: 104210-3920 (Early Type)

Lester: 12660

Note: Late Type, Please use 22-82104



**22-82101**  
SRE Housing

100-150 Amp, 128.5mm Stator OD

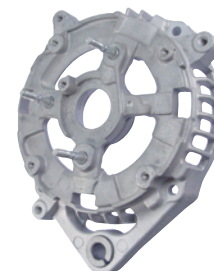
Used on: Lesus, Toyota

Replaces:

OE: 104210-209, -214, -447, -457, -474, 104210-475, 104210-551

Lester: 11136, 11137, 11322, 11323, 11325, 11326

Ref: AT-04308



**22-82104**  
SRE Housing

150 Amp, 128.5mm Stator OD

Used on: John Deere










Replaces:

OE: 104210-3921 (Late Type)

Lester: 12660

Note: Early Type, Please use 22-82098

# 22-Slip Ring End Housing

 <p><b>22-82105</b> SRE Housing 150 Amp, 128.5mm Stator OD <b>Used on:</b> Land Rover <b>Replaces:</b> <b>OE:</b> 104210-369 <b>Lester:</b> 11206, 11569 <b>Note:</b> similar to 22-82108, except 22-82105 without screw hole for brush holder</p>	 <p><b>22-82108</b> SRE Housing 150 Amp, 128.5mm Stator OD <b>Used on:</b> Landrover <b>Replaces:</b> <b>OE:</b> 104210-370 <b>Lester:</b> 11205 <b>Ref:</b> AN-04109</p>	 <p><b>22-82111</b> SRE Housing 150 Amp, 128.5mm Stator OD <b>Used on:</b> Hyundai, Kia <b>Replaces:</b> <b>OE:</b> 104210-180, -287, -362, -564, -581 <b>Lester:</b> 11387, 11524, 11591, 11686 <b>Ref:</b> AN-04148</p>
 <p><b>22-82106A</b> SRE Housing 150 Amp, 128.5mm Stator OD <b>Used on:</b> Volvo <b>Replaces:</b> <b>OE:</b> 104210-356 <b>Lester:</b> 11054 <b>Note:</b> 104210-464 use 22-82106B</p>	 <p><b>22-82109</b> SRE Housing 125 Amp, 128.5mm Stator OD <b>Used on:</b> Ford Truck <b>Replaces:</b> <b>OE:</b> 104210-543 <b>Lester:</b> 11291 <b>Ref:</b> AE-0430</p>	 <p><b>22-82112</b> SRE Housing 130 Amp, 128.5mm Stator OD <b>Used on:</b> Honda Accord <b>Replaces:</b> <b>OE:</b> 104210-589 <b>Lester:</b> 11390 <b>Ref:</b> AH-04132</p>
 <p><b>22-82107</b> SRE Housing 220 Amp, 138mm Stator OD <b>Used on:</b> GM Cadillac <b>Replaces:</b> <b>OE:</b> 104210-600 <b>Lester:</b> 11181</p>	 <p><b>22-82110</b> SRE Housing 150 Amp, 128.5mm Stator OD <b>Used on:</b> Lexus <b>Replaces:</b> <b>OE:</b> 104210-205, 104210-468 <b>Lester:</b> 11196 <b>Ref:</b> AT-04306</p>	 <p><b>22-82113</b> SRE Housing 130 Amp, 128.5mm Stator OD <b>Used on:</b> Honda Accord <b>Replaces:</b> <b>OE:</b> 104210-124, -160, -189, -310, -350, 104210-350, -377, -429, -430, -431, 104210-448, -469, -591, -592 <b>Lester:</b> 11030, 11062, 11099, 11150, 11151, 11391, 11392, 11573, 11600, 11672 <b>Ref:</b> AH-04123</p>

DE  
SRE  
CLUTCH PULLEY  
Cap & Tool for Clutch Pulley  
Solid PULLEY  
Stator  
Slip Ring  
Rotor  
Rectifier and Parts  
Diode  
Regulator Terminal Block  
Brush Holder and Parts  
Insulator  
SRE COVER  
Misc. Pars  
B+ Term. Post & Nut  
Hardware

# 22-Slip Ring End Housing

DE  
SRE  
CLUTCH Gap & Tool  
PULLEY for Clutch  
PULLEY Solid  
Stator  
Slip Ring  
Rotor  
Rectifier and Parts  
Diode  
Regulator Terminal Block  
Brush Holder  
Insulator  
SRE COVER  
Misc. Parts  
B+ Term. Post & Nut  
Hardware



**22-82114**

SRE Housing

100 Amp, 128.5mm Stator OD

Used on: Toyota

Replaces:

OE: 104210-146, -548, -549

Lester: 11385, 11386, 11577

Ref: AT-04325



**22-82117**

SRE Housing

150 Amp, 128.5mm Stator OD

Used on: Ford, Lincoln, Mercury

Replaces:

OE: 104210-111, -470, -563, -582, -586

Lester: 11292, 11293, 11430, 11431, 11432

Ref: AE-0432

Note: wo/ mounting ear



**22-82120**

SRE Housing

160 Amp, 128.5mm Stator OD

Used on: Chrysler, Dodge, Jeep

Replaces:

OE: 421000-075

Lester: 11572

Ref: AZ-04136



**22-82115**

SRE Housing

200 Amp, 138mm Stator OD

Used on: Ford Truck

Replaces:

OE: 104210-610

Lester: 11290

Ref: AE-0431

Note:



**22-82118**

SRE Housing

170 Amp, 138mm Stator OD

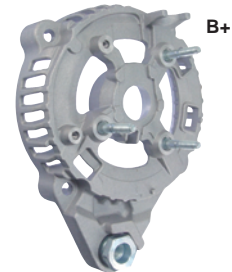
Used on: GM, Chevy, Buick

Replaces:

OE: 104210-616

Lester: 11252

Ref: AJ-04160



**22-82121**

SRE Housing

80 Amp, 110.7mm Stator OD

Used on: Toyota, Tacoma

Replaces:

OE: 104210-811, 104210-823

Lester: 11194, 11354

Ref:

Note: This unit is aluminum SRE Cover but with Hair Pin Stator.



**22-82116**

SRE Housing

130 Amp, 128.5mm Stator OD

Used on: Cadillac CTS

Replaces: 021500-7111

OE: 104210-328

Lester: 11003

Ref: AJ-04129



**22-82119**

SRE Housing

180 Amp, 138mm Stator OD

Used on: Lexus, Toyota

Replaces:

OE: 104210-614

Lester: 11405



**22-82123**

SRE Housing

150-160 Amp, 128.5mm Stator OD

Used on: Jeep

Replaces:

OE: 421000-036, -055, -066

Lester: 11155, 11241

Ref: AZ-04105

## 22-Slip Ring End Housing



**22-82124**  
SRE Housing

**160 Amp, 128.5mm Stator OD**  
Used on: Chrysler, Dodge, Jeep  
Replaces:  
OE: 421000-004, -010, -032, -044, -047  
421000-050, -053, -0600,-071  
Lester: 13912, 13913, 11240, 11277  
Ref: AZ-0476



**22-82127**  
SRE Housing

**100 Amp, 128.5mm Stator OD**  
Used on: Toyota  
Replaces:  
OE: 104210-263, 104210-265  
Lester: 11516, 11519  
Ref: AT-04338



**22-82130**  
SRE Housing

**136 Amp, 128.5mm Stator OD**  
Used on: Buick, Chevy, Pontiac  
Replaces:  
OE: 104210-422  
Lester: 11179  
Ref: AJ-04145



**22-82125**  
SRE Housing

**150 Amp, 128.5mm Stator OD**  
Used on: Cadillac STS, SRX  
Replaces:  
OE: 104210-326  
Lester: 11038  
Ref: AJ-04127  
Note: wo/ mounting ear



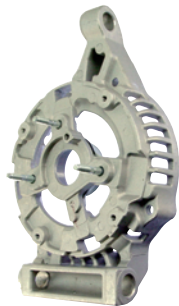
**22-82128**  
SRE Housing

**130-140 Amp, 128.5mm Stator OD**  
Used on: Chevy, Pontiac, Saturn  
Replaces:  
OE: 104210-414, -433, -441, -442  
Lester: 11109, 11110, 11140  
Ref: AJ-04135



**22-82131**  
SRE Housing

**100 Amp, 128.5mm Stator OD**  
Used on: Toyota  
Replaces:  
OE: 104210-227, -234, -843  
Lester: 11402



**22-82126**  
SRE Housing

**150 Amp, 128.5mm Stator OD**  
Used on: Toyota  
Replaces:  
OE: 104210-508, -509, -510, -864  
Lester: 11350, 11351, 11352, 11765  
Ref: AT-04333



**22-82129**  
SRE Housing

**150 Amp, 128.5mm Stator OD**  
Used on: Chrysler, Dodge  
Replaces:  
OE: 421000-065  
Lester: 11401



**22-82132**  
SRE Housing

**160 Amp, 128.5mm Stator OD**  
Used on: Chrysler, Dodge  
Replaces:  
OE: 421000-077  
Lester: 11570

DE  
SRE  
CLUTCH PULLEY  
Cap & Tool for Clutch Pulley  
Solid PULLEY  
Stator  
Slip Ring  
Rotor  
Rectifier and Parts  
Diode  
Regulator Terminal Block  
Brush Holder and Parts  
Insulator  
SRE COVER  
Misc. Parts  
B+ Term. Post & Nut  
Hardware



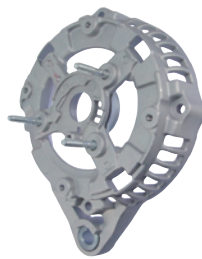
# 22-Slip Ring End Housing

DE  
SRE  
CLUTCH Gap & Tool  
PULLEY for Clutch  
PULLEY Solid  
Stator  
Slip Ring  
Rotor  
Rectifier and Parts  
Diode  
Regulator Terminal Block  
Brush Holder and Parts  
Insulator  
SRE COVER  
Misc. Parts B+  
Term. Post & Nut  
Hardware



**22-82133**  
SRE Housing

100 Amp, 128.5mm Stator OD  
Used on: Toyota  
Replaces:  
OE: 104210-284  
Lester: 11517



**22-82136**  
SRE Housing

140-150 Amp, 128.5mm Stator OD  
Used on: Buick, Cadillac, Pontiac  
Replaces:  
OE: 104210-306, 104210-437  
Lester: 11178, 13919  
Ref: AJ-04100



**22-82139**  
SRE Housing

180 Amp, 138mm Stator OD  
Used on: Crysler, Dodge, Jeep  
Replaces:  
OE: 421000-702, 421000-703  
Lester: 11575, 11576



**22-82134**  
SRE Housing

160 Amp, 128.5mm Stator OD  
Used on: Crysler, Dodge  
Replaces:  
OE: 421000-005, -011, -015, -020, -037  
Lester: 13914, 13915, 11040, 11244  
Ref: AZ-0487



**22-82137**  
SRE Housing

150 Amp, 128.5mm Stator OD  
Used on: Cadillac  
Replaces:  
OE: 104210-334  
Lester: 11037  
Ref: AJ-04122



**22-82141**  
SRE Housing

220 Amp, 138mm Stator OD  
Used on: Ford Truck  
Replaces:  
OE: 104210-627  
Lester: 11532



**22-82135**  
SRE Housing

150 Amp, 128.5mm Stator OD  
Used on: Chevy, Potiac  
Replaces:  
OE: 104210-330, -331, -436, -454, 104210-499, -507,  
Lester: 11035, 11036, 11146, 11156, 11180  
Ref: AJ-04120



**22-82138**  
SRE Housing

130-160 Amp, 128.5mm Stator OD  
Used on: Crysler, Dodge  
Replaces:  
OE: 421000-012, -018, -019  
Lester: 11039, 11048, 13923  
Ref: AZ-0480



**22-82142**  
SRE Housing

140 Amp, 128.5mm Stator OD  
Used on: Buick  
Replaces:  
OE: 104210-225  
Lester: 11367

## 22-Slip Ring End Housing



**22-82143**  
SRE Housing

**180-225 Amp, 138mm Stator OD**  
Used on: Ford Truck  
Replaces:  
OE: 104210-622, -634, -660, -667  
Lester: 11624, 11627, 11629, 11630



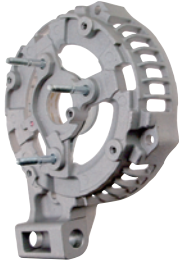
**22-82146**  
SRE Housing

**150 Amp, 128.5mm Stator OD**  
Used on: Chrysler, Dodge  
Replaces:  
OE: 421000-080  
Lester: 11574



**22-82149**  
SRE Housing

**180-220 Amp, 138mm Stator OD**  
Used on: Dodge, Jeep  
Replaces:  
OE: 421000-704, 421000-705  
Lester: 11592, 11598



**22-82144**  
SRE Housing

**150 Amp, 128.5mm Stator OD**  
Used on: GM  
Replaces:  
OE: 104210-541  
Lester: 11250



**22-82147**  
SRE Housing

**140-150 Amp, 128.5mm Stator OD**  
Used on: Chevy, Cadillac  
Replaces:  
OE: 104210-200, -319, -332, -539, -813  
Lester: 11044, 11046, 11369, 11508, 14021  
Ref: AJ-04142  
Note:

Photo  
Coming Soon

**22-82151**  
SRE Housing

**140 Amp, 128.5mm Stator OD**  
Used on: Chrysler, Dodge  
Replaces:  
OE: 4896803AC  
Lester: 11506



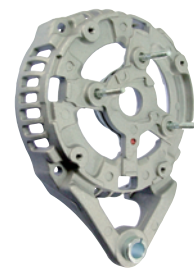
**22-82145**  
SRE Housing

**130 Amp, 128.5mm Stator OD**  
Used on: Lexus, Toyota  
Replaces:  
OE: 104210-346  
Lester: 11087



**22-82148**  
SRE Housing

**150 Amp, 128.5mm Stator OD**  
Used on: Chevy, GMC Truck  
Replaces:  
OE: 104210-834, -836, -911  
Lester: 11785, 11794, 14007  
Note: wo/ mounting Ear



**22-82152**  
SRE Housing

**160 Amp, 128.5mm Stator OD**  
Used on: Dodge  
Replaces:  
OE: 421000-0051, 421000-0111  
Lester: 13914, 13915  
Ref: AZ-0477

DE  
SRE  
CLUTCH PULLEY  
Cap & Tool for Clutch Pulley  
Solid PULLEY  
Stator  
Slip Ring  
Rotor  
Rectifier and Parts  
Diode  
Regulator Terminal Block  
Brush Holder and Parts  
SRE COVER  
Misc. Parts  
B+ Term. Post & Nut  
Hardware

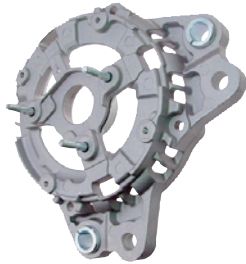
# 22-Slip Ring End Housing

DE  
SRE  
CLUTCH PULLEY  
Gap & Tool  
Solid PULLEY  
Stator  
Slip Ring  
Rotor  
Rectifier and Parts  
Diode  
Regulator Terminal Block  
Brush Holder and Parts  
Insulator  
SRE COVER  
Misc. Parts  
B+ Term. Post & Nut  
Hardware

**Photo Coming Soon**

**22-82154**  
SRE Housing  
150 Amp, 128.5mm Stator OD

Used on: Volvo  
Replaces:  
OE: 104210-4050  
Lester: 11093  
Ref: AN-0486



**22-82155**  
SRE Housing  
160 Amp, 128.5mm Stator OD

Used on: Jeep  
Replaces: 021041-6780, 021041-6950  
OE: 421000-081  
Lester: 11584

**Note:** 11584 is a CCW unit



**22-82156**  
SRE Housing  
160 Amp, 128.5mm Stator OD

Used on: Ford Mustang  
Replaces:  
OE: 104210-294, -295, -296, -297  
104211-245  
Lester: 11621, 11623, 11625, 11626,  
11759  
Ref: AN-0481

**Photo Coming Soon**

**22-82157**  
SRE Housing  
125 Amp, 128.5mm Stator OD

Used on: Toyota  
Replaces:  
OE: 104211-3301  
Lester: 11776

**Photo Coming Soon**

**22-82158**  
SRE Housing  
130 Amp, 128.5mm Stator OD

Used on: Toyota  
Replaces:  
OE: 104210-400  
Lester: 11197



**22-82159**  
SRE Housing  
130 Amp, 128.5mm Stator OD

Used on: Ford  
Replaces:  
OE: 104210-409, 104210-530  
Lester: 11238

**Photo Coming Soon**

**22-82160**  
SRE Housing  
180 Amp, 138mm Stator OD

Used on: Ford, Lincoln  
Replaces:  
OE: 104210-030, -656, -657  
Lester: 11664, 11665

# 24-Clutch/Decoupler Pulley



**24CP-82001**  
Clutch Pulley  
8-Groove

**Used on:** Dodge Ram Pickups  
**Replaces:**  
**Size:** 60mm OD x 28mm Belt  
17mm Bore, M14 x 1.5 Threaded  
9.5mm to First Groove  
**OE:** 421000-051, 421000-700  
**Lester:** 11378, 11379, 11583  
**Ref:** 24-82117  
**Note:** OE Take Out



**24CP-82002**  
Clutch Pulley  
6-Groove

**Used on:**  
**Replaces:**  
**Size:** 58.5mm OD x 20mm Belt  
17mm Bore, M14 x 1.5 Threaded  
**OE:** 104210-376  
**Lester:** 23839  
**Ref:** 24-82300



**24CP-82003**  
Clutch Pulley  
6-Groove

**Used on:** Chrysler, Dodge, Jeep  
**Replaces:** 021010-1440, 021040-1440  
**Size:** 58mm OD x 20mm Belt  
17mm Bore, M14 x 1.5 Threaded  
9.1mm to First Groove  
**OE:** 421000-001, -002, -014, -022, -030  
421000-049, -075  
**Lester:** 13870, 13871, 11063, 11114  
**Ref:** 24-82273, 28581



**24CP-82004**  
Clutch Pulley  
7-Groove

**Used on:** Toyota  
**Replaces:**  
**Size:** 55mm OD x 25mm Belt  
17mm Bore, M14 x 1.5 Threaded  
9.0mm to First Groove  
**OE:** 104210-479, -481, -488  
**Lester:** 11195, 11201  
**Ref:** 24-82291



**24CP-82005**  
Clutch Pulley  
7-Groove

**Used on:** Lexus, Toyota  
**Replaces:**  
**Size:** 53mm OD  
17mm Bore, M14 x 1.5 Threaded  
9.0mm to First Groove  
**OE:** 104210-109, -205, -207, -209, -210  
104210-214, -284, -286, -447, -457  
104210-468, -474, -475, -483, -489  
104210-551;  
104211-803, -809, -860  
**Lester:** 11136, 11137, 11196, 11322,  
11323, 11325, 11326, 11510,  
11514, 11517, 14072  
**Ref:** 24-82290, 28738



**24DP-82005**  
Decoupler Pulley  
7-Groove

**Used on:** Lexus, Toyota  
**Replaces:**  
**Size:** 53mm OD  
17mm Bore, M14 x 1.5 Threaded  
9.0mm to First Groove  
**OE:** 104210-109, -205, -207, -209, -210  
104210-214, -284, -286, -447, -457  
104210-468, -474, -475, -483, -489  
104210-551;  
104211-803, -809, -860  
**Lester:** 11136, 11137, 11196, 11322,  
11323, 11325, 11326, 11510,  
11514, 11517, 14072  
**Ref:** 24-82290, 28738



**24CP-82006**  
Clutch Pulley  
6-Groove

**Used on:** Buick, Chevrolet, GMC, Saturn  
Hyundai  
**Replaces:** 021040-1840, 021040-1841  
**Size:** 58.7mm OD  
17mm Bore, M14 x 1.5 Threaded  
9.0mm to First Groove  
**OE:** 104120-225, -616, -631, -813  
**Lester:** 11202, 11252, 11367, 11491,  
11492  
**Ref:** 24-82302, W055-122N

Hardware B+ Term. Post & Nut Misc. Pars SRE COVER SRE SRE DE CLUTCH PULLEY Cap & Tool for Clutch Pulley Solid PULLEY Stator Slip Ring Rotor Rectifier and Parts Diode Regulator Terminal Block Brush Holder and Parts

# 24-Clutch/Decoupler Pulley

DE  
SRE  
CLUTCH PULLEY  
Cap & Tool for Clutch PULLEY  
Solid PULLEY  
Stator  
Slip Ring  
Rotor  
Rectifier and Parts  
Diode  
Regulator Terminal Block and Parts  
Brush Holder  
Insulator  
SRE COVER  
Misc. Parts  
B+ Term. Post & Nut  
Hardware



**24CP-82007**  
Clutch Pulley  
6-Groove

**Used on:** Dodge, Jeep  
**Replaces:** 021040-2090  
**Size:** 51.9mm OD  
 17mm Bore, M14 x 1.5 Threaded  
 9.0mm to First Groove  
**OE:** 421000-075, 421000-077  
**Lester:** 11570, 11572  
**Ref:** 24-82322, W055-127N, 28810



**24CP-82009**  
Clutch Pulley  
4-Groove

**Used on:** Toyota  
**Replaces:**  
**Size:** 56.2mm OD  
 17mm Bore, M14 x 1.5 Threaded  
 9.0mm to First Groove  
**OE:** 104210-263, 104210-265  
**Lester:** 11516, 11519  
**Ref:** AT-09338, 24-822101, W055-128N



**24CP-82011**  
Clutch Pulley  
5-Groove

**Used on:** Volvo  
**Replaces:** 021040-1210  
**Size:** 55.5mm OD  
 17mm Bore, M14 x 1.5 Threaded  
 11.1mm to First Groove  
**OE:** 104210-355, -356, -405, -464  
**Lester:** 11054, 11093  
**Ref:** 24-82312, W055-131N



**24CP-82008**  
Clutch Pulley  
6-Groove

**Used on:** Pontiac, Scion, Toyota  
**Replaces:** 021010-1440, 021040-1320,  
 021040-1130, 021040-1170,  
 021070-1811  
**Size:** 55mm OD  
 17mm Bore, M14 x 1.5 Threaded  
 9.0mm to First Groove  
**OE:** 104210-225, -616, -631,  
**Lester:** 11402, 11577, 14486, 14487,  
 20359  
**Ref:** AT-09336, 24-82289, W055-85N



**24CP-82010**  
Clutch Pulley  
6-Groove

**Used on:** Acura, Honda  
**Replaces:** 31141-RV0-A01  
**Size:** 65.3mm OD  
 17mm Bore, M14 x 1.5 Threaded  
 9.4mm to First Groove  
**OE:** 104210-124, -160, -189, -199  
 104211-830, -851, -852  
**Lester:** 11573, 11600, 11670, 11672,  
 11773, 11774, 11775  
**Ref:** 24-82324, W055-131N, AH-09134



**24CP-82012**  
Clutch Pulley  
5-Groove

**Used on:** Buick, Cadillac, Chevrolet  
**Replaces:** 021040-2340, 021040-2680  
**Size:** 54mm OD  
 17mm Bore, M14 x 1.5 Threaded  
**OE:** 104210-190, -196  
**Lester:** 11681, 11682, 14883  
**Ref:** 24-82330

# 24-Clutch/Decoupler Pulley

**Photo  
Coming Soon**

**24CP-82013  
Clutch Pulley  
6-Groove**

**Used on:** Chrysler, Dodge

**Replaces:**

**Size:** 55.9mm OD  
17mm Bore, M14 x 1.5 Threaded

**OE:** 421000-702, -703

**Lester:** 11575, 11576

**Ref:** AZ-09132

Hardware B+ Term. Post & Nut SRE Misc. Pars SRE COVER Insulator Brush Holder and Parts Regulator Terminal Block Diode Rectifier and Parts Rotor Slip Ring Stator Solid PULLEY Cap & Tool for Clutch Pulley SRE DE

**CLUTCH  
PULLEY**

# 24-Cap & Tools for Clutch Pulley

DE SRE CLUTCH PULLEY Cap & Tool for Clutch Pulley Solid PULLEY Stator Slip Ring Rotor Rectifier and Parts Diode Regulator Terminal Block and Parts Brush Holder and Parts Insulator SRE COVER Misc. Parts B+ Term. Post & Nut Hardware



**24CP-CAP001**  
Cap-Clutch Pulley  
Snap On Type

Used on: 24CP-82003, 24CP-82004,  
24CP-82005, 24CP-83001,  
24CP-83002, 24CP-91002,  
24CP-91003, 24CP-94001



**TL24-007**  
Tool-Clutch Pulley  
Fine Spline

Used on:



**TL24-021**  
Box-Clutch & Decoupler Pulley  
**Note:** Shafts & Key Nuts cover all Europe & North American applications.



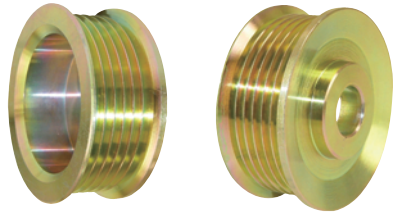
**24CP-CAP002**  
Cap-Clutch Pulley

Used on: 24CP-81001, 24CP-81001-1,  
24CP-82007, 24CP-91001



**TL24-008**  
Tool-Clutch Pulley  
Hex Head

Used on:



## 24-125Y Pulley 6-Groove

**Used on:** Chrysler, Dodge, Honda, Isuzu, Jeep, Lexus, Plymouth, Toyota

**Replaces:** 021040-6240, 021041-5530, 021041-7540, 021041-9200

**Size:** 17mm Bore  
55.5mm OD x 21mm Belt  
8.52mm to First Groove

**OE:** 101211-548, -549, -550, -551, -562  
101211-585, -717, -767, -785, -906  
101211-910, -911, -912, -913, -960  
101211-976, -978, -989, -998, -999  
102211-068, -069, -100, -101, -102  
102211-115, -133, -162, -171, -308  
104210-310, -330, -334, -345, -350  
104210-362, -377, -379, -418, -419  
104210-429, -430, -431, -438, -448  
104210-469, -591, -592, -827  
121000-340, -352, -407, -412, -416  
121000-423, -427, -433, -437, -451  
121000-458  
421000-003, -006, -012, -023, -032  
421000-043, -059, -459

**Lester:** 13307, 13311, 13331, 13538,  
13539, 13558, 13593, 13594,  
13695, 13706, 13722, 13746,  
13747, 13755, 13763, 13765,  
13769, 13806, 13835, 13836,  
13842, 13844, 13868, 13923,  
13964, 11030, 11033, 11037,  
11062, 11099, 11150, 11151,  
11276, 1391, 11392, 11671

**Ref:** 24-82260, W055-27N

**Note:** If used on 11030, 11151, need to use with 46-82098 Specacer



## 24-171Y Pulley 6-Groove

**Used on:** Chrysler, Dodge, Honda, Isuzu, Jeep, Lexus, Plymouth, Toyota

**Replaces:** 021041-6780, 021041-6950

**Size:** 17mm Bore  
58mm OD x 21mm Belt  
8mm to First Groove

**OE:** 100211-647, -799, -825, -839, -845  
100211-849, -884, -886  
101211-014, -545, -556, -561, -571  
101211-572, -730, -744, -745, -752  
101211-775, -776, -780, -784, -786  
101211-915, -916, -935, -941, -943  
101211-971, 996  
102211-052, -059, -061, -065, -073  
102211-084, -137, -141, -190, -192  
102211-199, -200, -234, -235, -261  
102211-269, -503, -506, -514  
104210-216, -245, -289, -297, -303  
104210-304, -312, -319, -320, -328  
104210-332, -338, -339, -344, -346  
104210-348, -365, -366, -368, -375  
104210-400, -409, -415, -443, -451  
104210-491, -449, -507, -525, -530  
104210-539, -541, -542, -550, -601  
104210-634, -660, -667, -671, -801  
104211-023, -028  
121000-344, -345, -348, -351, -357  
121000-358, -360, -365, -371, -373  
121000-375, -381, -382, 446  
421000-004, -010, -018, -025, -026  
421000-033, -034, -036, -039, -044,  
421000-047, -050, -052, -053, -055  
421000-060, -066, -067, 071

**Lester:** 12778, 13341, 13442, 13443,  
13444, 13545, 13546, 13552,  
13578, 13669, 13706, 13715,  
13747, 13748, 13756, 13791,  
13809, 13822, 13834, 13844,  
13856, 13859, 13867, 13869,  
13880, 13912, 13913, 13919,  
13927, 13956, 13978, 13981,  
13983, 13994, 13999, 11003,  
11032, 11033, 11044, 11046,  
11048, 11087, 11090, 11112,  
11116, 11146, 11152, 11153,  
11155, 11156, 11191, 11193,  
11197, 11198, 11238, 11240,  
11241, 11250, 11251, 11286,  
11297, 11369, 11431, 11449,  
11476, 11479, 11629, 11630

**Ref:** 24-82263, W055-38N, W055-96N



## 24-184Y Pulley 6-Groove

**Used on:** Chevrolet, Lexus, Toyota

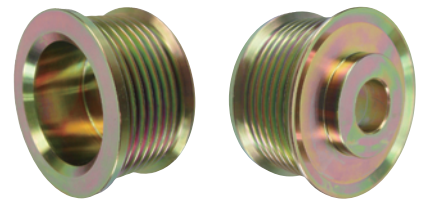
**Replaces:** 021041-6780, 021041-6950

**Size:** 17mm Bore  
55mm OD x 21mm Belt  
8mm to First Groove

**OE:** 100211-839, -849, -866  
101211-572, -744, -784  
102211-086, -190, -192, -234, -261  
104210-369, -370  
121000-378, -380  
421000-063

**Lester:** 13274, 13276, 13413, 13537,  
13844, 13877, 13878, 13906,  
13925, 13956, 11205, 11206,  
11382, 11569

**Ref:** AT-09108, 24-82277



## 24-222Y Pulley 7-Groove

**Used on:** Dodge, Jeep

**Replaces:** 021040-0800, 021041-8040  
021041-9680

**Size:** 17mm Bore  
57.5mm OD x 25mm Belt  
8.5mm to First Groove

**OE:** 100211-637  
121000-353, -363, -376, -417, -422  
121000-429, -430, -435, -436, -445  
121000-447, -449, -456  
421000-021, -028, -041

**Lester:** 13566, 13581, 13742, 13823,  
13824, 13861, 13910, 13911,  
13924, 13988, 11117, 11298,

**Ref:** AZ-0945, 24-82269, W055-51



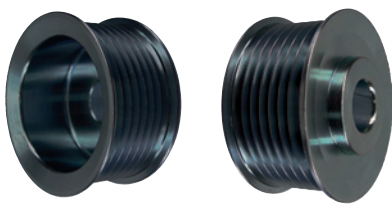
# 24-Pulley

DE SRE CLUTCH PULLEY Gap & Tool Pulley Solid PULLEY Stator Slip Ring Rotor Rectifier and Parts Diode Regulator Terminal Block and Parts Brush Holder Insulator SRE COVER Misc. Parts B+ Term. Post & Nut Hardware



**24-304  
Pulley  
8-Groove**

**Used on:** John Deere  
**Replaces:** 021041-7320  
**Size:** 17mm Bore  
 62.5mm OD x 28mm Belt  
 9.5mm to First Groove  
**OE:** 100211-642,  
 101211-503, -713, -778,  
 102211-040, -118,  
 104210-392, -393  
**Lester:** 12193, 12194, 12195, 12474,  
 12657, 12658, 12660



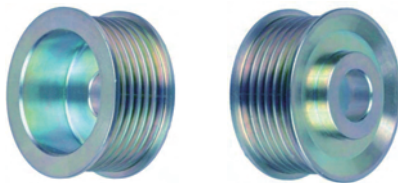
**24-315B  
Pulley  
7-Groove**

**Used on:** Toyota  
**Replaces:** 121041-0220, 021041-9630  
**Size:** 17mm Bore  
 59.5mm OD x 26mm Belt  
 9.3mm to First Groove  
**OE:** 101211-740  
 102211-077, -267, -268, -287  
 104210-314, 329, -378, -388, -389  
 104210-403, -533, -589  
**Lester:** 13959, 13962, 13965, 13988,  
 13980, 11034, 11084, 11088,  
 11390  
**Ref:** AT-09261, 24-82286



**24-323  
Pulley  
8-Groove**

**Used on:** Ford  
**Replaces:**  
**Size:** 17mm Bore  
 70mm OD x 32mm Belt  
 9.3mm to First Groove  
**OE:** 104210-610  
**Lester:** 11290  
**Ref:** AE-0931



**24-305  
Pulley  
6-Groove**

**Used on:** Honda, Lexus, Toyota  
**Replaces:** 021041-6940, 021041-7120  
 121041-0600  
**Size:** 17mm Bore  
 57.5mm OD x 25mm Belt  
 8.5mm to First Groove  
**OE:** 100211-616, -618, -630, -810, -874  
 101211-702, -712, 765  
 102211-103, 104  
 104210-306, -307, -330, -331, -333  
 104210-422, -436, -437, -454, -456  
 104210-599, -600, -611  
**Lester:** 13331, 13410, 13506, 13547,  
 13919, 11035, 11036, 11178,  
 11179, 11180, 11181, 11183  
**Ref:** 24-82278



**24-319  
Pulley  
7-Groove**

**Used on:** Chrysler  
**Replaces:** 021041-9691  
**Size:** 17mm Bore  
 57.7mm OD x 24mm Belt  
 9.2mm to First Groove  
**OE:** 421000-005, -021, -028, -041, -058  
**Lester:** 13915, 13988, 11298  
**Ref:** 24-82306



**24-325  
Pulley  
8-Groove**

**Used on:**  
**Replaces:**  
**Size:** 17mm Bore  
 45mm OD x 25mm Belt  
 8mm to First Groove  
**OE:**  
**Lester:** 11034\*  
**Note:** Similar to 24-315, except...  
 \*This is small OD special made to  
 replace to 11034.



**24-331Y  
Pulley  
6-Groove**

**Used on:** Chrysler, Dodge, Jeep

**Replaces:**

**Size:** 17mm Bore  
52.4mm OD x 21mm Belt  
9.1mm to First Groove

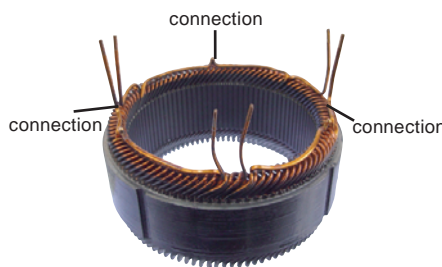
**OE:** 421000-026, -034, -036, -048, -055  
421000-062, -066, -073

**Lester:** 11113, 11155, 11241, 11296,  
11299, 11383

**Note:** OE spec.

# 27-Stator

DE  
SRE  
CLUTCH Cap & Tool  
PULLEY for Clutch  
PULLEY Solid  
Stator  
Slip Ring  
Rotor  
Rectifier and Parts  
Diode  
Regulator Terminal Block  
Brush Holder and Parts  
Insulator  
SRE COVER  
Misc. Parts  
B+ Term. Post & Nut  
Hardware



## 27-82018

### Stator

100-130 Amp, 128.5mm OD

Used on:

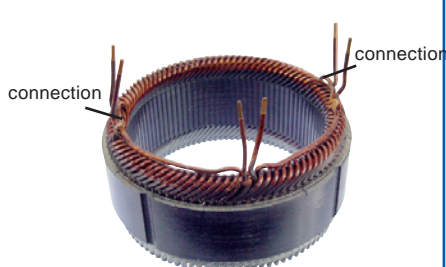
Replaces:

Size: 100mm ID  
128.5mm OD  
32mm Thickness

Lester: 11033, 11034, 11088, 11136, 11138, 11195, 11201, 11324, 11350, 11402, 13868, 13871, 13980...etc

Ref: AZ-0288

Note: 6-Lead/3 connections.  
Use w/30-82024 Rotor.  
Delta Connect



## 27-82020

### Stator

170-200 Amp, 138mm OD

Used on:

Replaces:

Size: 109mm ID  
138mm OD  
34.7mm Thickness

Lester: 11252, 11290, 11434, 11598...etc

Ref: AE-0231

Note: 6-Lead/2 connections.  
Use w/30-82024 Rotor.  
Double Delta Connect



## 27-82023

### Stator

80 Amp, 110.7mm OD

Used on:

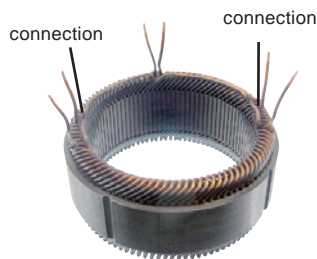
Replaces: 021100-5080

Size: 87mm ID  
110.7mm OD  
34.7mm Thickness

Lester: 11194, 11203, 11354

Ref:

Note: 3-Lead/1-connections.  
Use w/30-82025 Rotor.



## 27-82022

### Stator

130-160 Amp, 128.5mm OD

Used on:

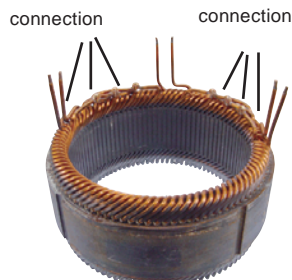
Replaces: 021100-4940

Size: 100mm ID  
128.5mm OD  
32mm Thickness

Lester: 12660, 12886, 13867, 13868, 13868, 13870, 13870, 13870, 13871, 13871, 13905, 13912, 13913, 13913, 13913, 13914, 13915, 13918, 13919, 13923, 13927, 13963, 13978, 13979, 13981, 13983, 13984, 13988, 13992, 13994, 11000, 11003, 11030, 11032, 11032...etc

Ref: AZ-0272

Note: 6-Lead/2 connections.  
Use w/30-82017 Rotor.  
Double Wye Connect



## 27-82024

### Stator

220-225 Amp, 138mm OD

Used on: Dodge, Ford

Replaces: 021100-5480

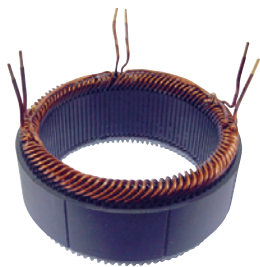
Size: 109mm ID  
138mm OD  
34.7mm Thickness

OE: 104210-600, 104210-611, 104210-618, 104210-627; 104210-6601, 421000-700, 421000-701, 421000-703, 421000-705

Lester: 11181, 11379, 11380, 11532, 11534, 11576, 11629...etc

Ref: 11181, 11379, 11380, 11532, 11534, 11576, 11629

Note: 6 Lead/6 connections.  
Use w/30-82018 Rotor.  
Delta Connect



**27-82026**  
**Stator**  
**130 Amp, 120mm OD**

**Used on:**

**Replaces:**

**Size:** 94mm ID  
 120mm OD  
 32mm Thickness

**OE:**

**Lester:**

**Ref:**

**Note:** 6 Lead/2 connections.



**27-82027**  
**Stator**  
**90-100 Amp, 120mm OD**

**Used on:**

**Replaces:**

**Size:** 94mm ID  
 120mm OD  
 32mm Thickness

**OE:**

**Lester:**

**Ref:**

**Note:** 6 Lead/3 connections.

Hardware	B+ Term. Post & Nut	Misc. Pars	SRE COVER	Insulator	Brush Holder and Parts	Regulator Terminal Block	Diode	Rectifier and Parts	Rotor	Slip Ring	<b>Stator</b>	Solid PULLEY	Cap & Tool for Clutch Pulley	CLUTCH PULLEY	SRE	DE
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# 28-Slip Ring

DE SRE CLUTCH PULLEY Cap & Tool for Clutch PULLEY Solid PULLEY Stator Slip Ring Rotor Rectifier and Parts Diode Regulator Terminal Block and Parts Brush Holder and Parts Insulator SRE COVER Misc. Parts B+ Term. Post & Nut Hardware



**28-82012**  
Slip Ring

**Used on:**

**Replaces:**

**Size:** 8.8mm ID, 15mm OD  
60mm/70mm Lead Length

**OE:**

**Lester:**

**Ref:**

**Note:** Square Lead



**28-82017-2**  
Slip Ring

**Used on:**

**Replaces:**

**Size:**

**OE:**

**Lester:** 11033, 11034, 11195, 13870,  
13918, 13919, 13980.. etc

**Ref:** AT-08274, 28-82854, W165-11

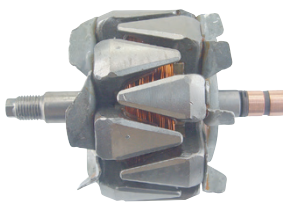
**Note:** Staight Lead

# 30-Rotor



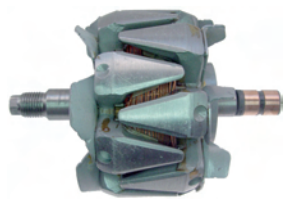
**30-82024**  
Rotor  
12V, 100-130 Amp

**Replaces:**  
**Size:** 99.5mm OD x 147mm OAL  
**Lester:** 11033, 11034, 11088, ...etc  
**Note:** 2.5 ohm. (or 2.6 ohm)  
Use w/27-82018 Stator.



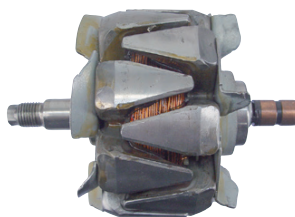
**30-82017**  
Rotor  
12V, 130-160 Amp

**Used on:**  
**Replaces:** 021200-8580  
**Size:** 99.5mm OD x 147mm OAL  
**Lester:** 12660, 12886, 13867...etc  
**Note:** 1.8 ohm.  
Use w/27-82022 Stator.



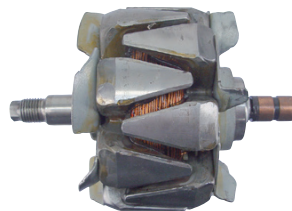
**30-82027**  
Rotor  
12V, 160 Amp

**Replaces:**  
**Size:** 99.5mm OD, 147mm OAL  
**Lester:** 11584  
**Note:** This is a CCW Rotor



**30-82018**  
Rotor  
12V, 220 Amp

**Replaces:** 121200-1960  
**Size:** 109mm OD  
**Lester:** 11181, 11379, 11380, 11532,  
11534, 11576, 11629...etc  
**Note:** 1.8 ohm.  
Use w/27-82024 Stator.



**30-82023**  
Rotor  
12V, 180-200 Amp

**Replaces:**  
**Size:** 109mm OD  
**Lester:** 11252, 11290, 11434, 11598...etc  
**Note:** 2.2 ohm.  
Use w/27-82020 Stator.



**30-82025**  
Rotor  
12V, 80 Amp

**Replaces:**  
**Size:** 86mm OD, 142.8mm OAL  
**Lester:** 11194, 11203, 11354  
**Note:** Use w/27-82023 Stator.



**30-82026**  
Rotor  
12V, 100 Amp

**Replaces:**  
**Size:** 93.4mm OD, 145mm OAL  
**Lester:**  
**Note:** Use w/27-82026, 27-82027 Stator.

Hardware B+ Term. Post & Nut Misc. Pars SRE COVER SRE DE  
Rotor Slip Ring Stator Solid Cap & Tool for Clutch Pulley  
Rectifier and Parts Diode Regulator Terminal Block Brush Holder and Parts

# 31-Rectifier

DE  
SRE  
CLUTCH  
PULLEY  
Gap & Tool  
for Clutch  
Pulley  
Solid  
PULLEY  
Stator  
Slip Ring  
Rotor  
Rectifier  
and  
Parts  
Diode  
Regulator  
Terminal  
Block  
Brush  
Holder  
and Parts  
Insulator  
SRE  
COVER  
Misc. Parts  
B+ Term.  
Post & Nut  
Hardware



**31-82038**  
Rectifier  
117mm OD

**M8x1.25x42mm Side Post  
120-160 Amp, 12-40A Diodes**

**Replaces:** 021580-5891

**Lester:** 11030, 11062, 11063, 11093,  
11099, 11109, 11114, 11205,  
11206, 11291, 11292, 11432,  
13868, 13870, 13871, 13912,  
13913, 13992

**Ref:** INR421

**Note:** Nut: 85-82026 (M8x17.75mmL)  
Post: 84-82054 (M8x44.2mmOAL)



**31-82041**  
Rectifier  
117mm OD

**M8x1.25x37mm Side Post  
100-120 Amp, 7-40A Diodes**

**Replaces:** 021580-5891, -5901, -6381

**Lester:** 11030, 11062, 11063, 11099,  
11110, 11240, 13868, 13870,  
13871, 13912, 13913, 13988

**Ref:** INR423

**Note:** Use 17.3mm OAL Nut



**31-82043**  
Rectifier  
117mm OD

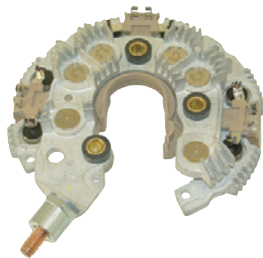
**M6x1.0x30.6mm Top Post  
105 Amp, 6-50A Diodes**

**Replaces:** 021580-6490

**Lester:** 13980

**Ref:** INR429

**Note:** Avalanche diodes  
Nut: 85-82028 (19mmOAL)  
Post: 84-82050 (32mmL)



**31-82040**  
Rectifier  
134mm OD

**M8x1.25x38mm Side Post  
200 Amp, 12-50A Diodes**

**Replaces:**

**Lester:** 11328, 11405, 11496

**Ref:** INR440

**Note:** Nut: 85-82033



**31-82042**  
Rectifier  
117mm OD

**M6x1.0x35.6mm Top Post  
Amp, A Diodes**

**Replaces:** 021580-5920

**Lester:** 11003, 11035, 11036, 11037,  
11044, 11046, 11146, 11180,  
11428, 13919, 13978

**Ref:** INR425

**Note:** Nut: 85-82029  
Post: 84-82052



**31-82044**  
Rectifier  
117mm OD

**M8x1.25x30.6mm Side Post  
105 Amp, 12-50A Diodes**

**Replaces:** 021580-6450

**OE:** 104210-392 (Early Type)

**Lester:** 12660 (Early Type)

**Ref:** INR439

**Note:** Avalanche diodes  
Nut: 85-82028 (19mmOAL)  
Post: 84-82050 (32mmL)

# 31-Rectifier



**31-82045**  
**Rectifier**  
 117mm OD  
 M6x1.0x29mm Side Post  
 100 Amp, 6-50A Diodes

**Replaces:** 021580-6610

**Lester:** 11033, 11034, 11088, 11136, 11138, 11153, 11195, 11201\*, 11322, 11324, 11350, 11385, 11386, 11400, 11516, 11519

**Ref:** INR430, W065-220

**Note:** Nut: 85-82027  
 Post: 84-82051



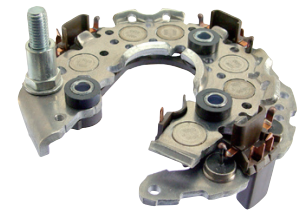
**31-82047**  
**Rectifier**  
 117mm OD  
 M6x1.0xmm Side Post  
 130 Amp, 12-50A Diodes

**Replaces:**

**Lester:** 13994

**Ref:** INR442

**Note:** Nut: 85-82027  
 Post: 84-82051



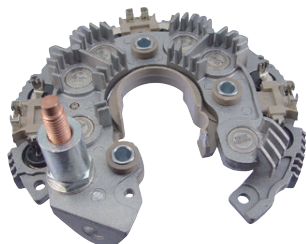
**31-82049**  
**Rectifier**  
 117mm OD  
 M8x1.25x42mm Top Post  
 130-136 Amp, 12-50A Diodes

**Replaces:** 021580-5931, 021580-5911

**Lester:** 11039, 11048, 13867, 13914, 13915, 13923

**Ref:** INR420, W065-200

**Note:** Nut: 85-82027  
 Post: 84-82051



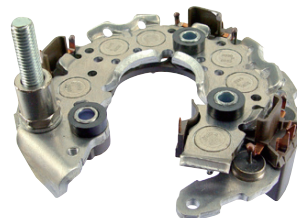
**31-82046**  
**Rectifier**  
 134mm OD  
 M8x1.25x46mm Top Post  
 220 Amp, 12-50A Diodes

**Replaces:** A628-01707-10K29-775  
 A628-05233-6K05-777

**Lester:** 11181, 11251, 11252, 11290, 11576, 11598

**Ref:** INR435

**Note:** 24V-50A Non-Avalanche diodes



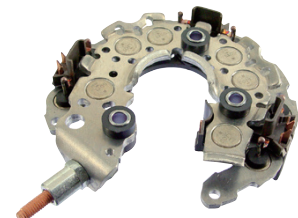
**31-82048**  
**Rectifier**  
 117mm OD  
 M8x1.25 Top Post  
 130-160 Amp, 12-50A Diodes

**Replaces:**

**Lester:** 11040, 11112, 11113, 11155, 11286, 11323, 11381, 11382, 11383, 11401, 11570, 11572, 23830, 23941

**Ref:** INR432, W065-202

**Note:** Nut: 85-82034  
 Post: 84-82056



**31-82050**  
**Rectifier**  
 117mm OD  
 M6x1.0x29mm Side Post  
 130-136 Amp, 12-50A Diodes

**Replaces:** 021580-6520

**Lester:** 11032, 11201, 14072, 20226

**Ref:** INR422

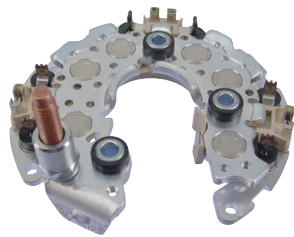
**Note:** Nut: 85-82027  
 Post: 84-82051

Hardware B+ Term. Post & Nut Misc. Pars SRE COVER SRE SRE DE  
 Rotor Slip Ring Stator Solid Cap & Tool for Clutch Pulley  
 Rectifier and Parts Diode Regulator Terminal Block  
 Brush Holder and Parts



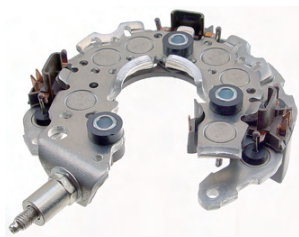
# 31-Rectifier

DE SRE CLUTCH PULLEY for Clutch PULLEY Solid PULLEY Stator Slip Ring Rotor Rectifier and Parts Diode Regulator Terminal Block and Parts Brush Holder Insulator SRE COVER Misc. Parts B+ Term. Hardware



**31-82051**  
**Rectifier**  
 117mm OD  
 M8 x 1.25 x 42mm Top Post  
 130 Amp, 12-50A Diodes

**Replaces:**  
**Lester:** 11291, 11368, 13918  
**Ref:** INR424  
**Note:**



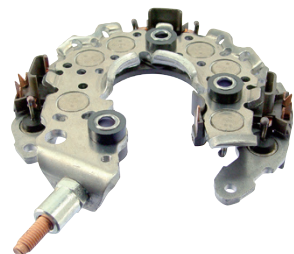
**31-82053**  
**Rectifier**  
 117 mm OD  
 M6x1.0 Side Post  
 130 Amp, 12-50 A Diodes

**Replaces:**  
**Lester:** 11032, 11033, 11084, 11139,  
 11198, 11351, 13927, 13984,  
 23947  
**Ref:** INR427  
**Note:**



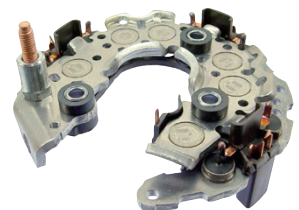
**31-82055**  
**Rectifier**  
 117 mm OD  
 M8x1.25 Side Post  
 120 Amp, 7-50 A Diodes

**Replaces:**  
**Lester:** 23820, 23839  
**Ref:** INR431  
**Note:** European car use



**31-82052**  
**Rectifier**  
 117mm OD  
 M6 x 1.0 Top Post  
 120-150 Amp, 12-50A Diodes

**Replaces:** 021580-6370  
**Lester:** 11090, 11196, 11238, 11323,  
 11326, 11352, 11430, 11431,  
 13981  
**Ref:** INR426  
**Note:** Avalanche diodes



**31-82054**  
**Rectifier**  
 117 mm OD  
 M6x1.0 Top Post  
 100 Amp, 12-50 A Diodes

**Replaces:**  
**Lester:** 11154, 11604, 13980  
**Ref:** INR428  
**Note:**



**31-82056**  
**Rectifier**  
 117 mm OD  
 M8x1.25 Top Post  
 130 Amp, 12-50 A Diodes

**Replaces:**  
**Lester:** 11030, 11062, 11140, 11150,  
 11151, 11197, 11391, 11392,  
 24028  
**Ref:** INR433  
**Note:**



**31-82057**  
**Rectifier**  
 117 mm OD  
 M8x1.25 Side Post  
 140 Amp, 12-50 A Diodes

Replaces: 021580-7451

Lester: 11114, 11204, 11240, 11243,  
 11276, 11285, 11294, 11295,  
 11297, 11298, 11378, 11636

Ref: INR434

Note:



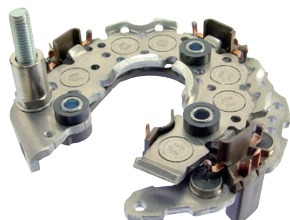
**31-82059**  
**Rectifier**  
 117 mm OD  
 M8x1.25 Side Post  
 150 Amp, 12-50 A Diodes

Replaces: 021580-7451

Lester: 23821, 24047

Ref: INR437

Note: European car use



**31-82058**  
**Rectifier**  
 117 mm OD  
 M8x1.25 Side Post  
 135-155 Amp, 12-50 A Diodes

Replaces:

Lester: 11156, 11178, 11179, 11250,  
 11369

Ref: INR436

Note:



**31-82060**  
**Rectifier**  
 105 mm OD  
 M6x1.0 Side Post  
 80 Amp, 6-50 A Diodes

Replaces:

Lester: 23371

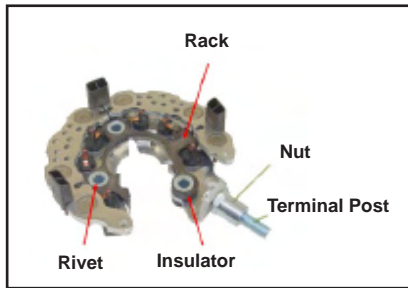
Ref: INR438

Note: European car use

Hardware	B+ Term. Post & Nut	Misc. Pars	SRE COVER	Insulator	Brush Holder and Parts	Regulator Terminal Block	Diode	Rectifier and Parts	Rotor	Slip Ring	Stator	Solid PULLEY	Cap & Tool for Clutch Pulley	CLUTCH PULLEY	SRE	DE
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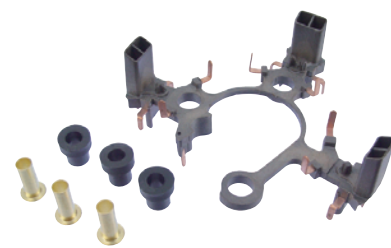
# 31-Rectifier Repair Prarts and Kits

DE SRE CLUTCH Cap & Tool PULLEY for Clutch PULLEY Solid PULLEY Stator Slip Ring Rotor Rectifier and Parts Diode Regulator Terminal Block and Parts Brush Holder and Parts Insulator SRE COVER Misc. Parts B+ Term. Hardware



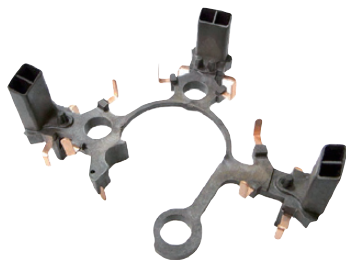
**31-82210**  
Rack-Rectifier

**Used on:**  
**Ref:**  
**Note:** for Repair Kit 31-82503



**31-82501**  
Repair Kit-Rectifier

**Used on:** 31-82038, 31-82042  
**Ref:** INR420, INR421, INR424, INR425, INR426, INR427, INR434, INR437  
**Note:** Rack Frame from 31-82208



**31-82208**  
Rack-Rectifier

**Usde on:** 31-82038, 31-82042

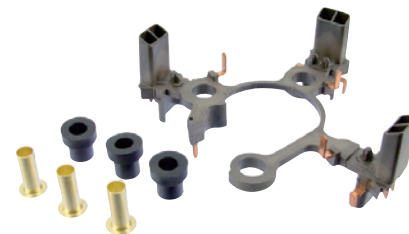
**Replaces:**  
**Size:**  
**OE:**  
**Lester:**

**Ref:** INR420, INR421, INR424, INR425, INR426, INR427, INR434, INR437  
**Note:** for Repair Kit 31-82501



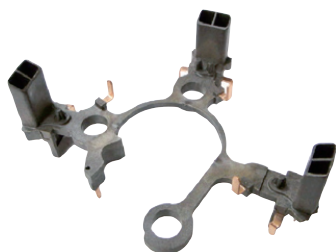
**31-82207**  
Insulator-Rectifier

**Usde on:**  
**Ref:**  
**Note:**



**31-82502**  
Repair Kit-Rectifier

**Used on:** 31-82041, 31-82043, 31-82045  
**Ref:** INR423, INR429, INR430, INR431, INR438  
**Note:** Rack Frame from 31-82209



**31-82209**  
Rack-Rectifier

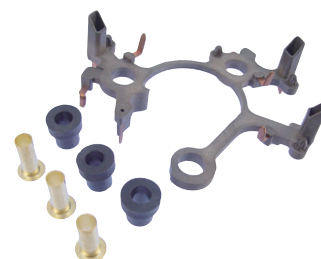
**Used on:** 31-82041, 31-82043, 31-82045

**Ref:** INR423, INR429, INR430, INR431, INR438  
**Note:** for Repair Kit 31-82502



**31-82303**  
Rivet-Rectifier (Brass)

**Replaces:**  
**Size:** 6.9mm ID, 18mm L  
**OE:**  
**Lester:**  
**Ref:**  
**Note:**



**31-82503**  
Repair Kit-Rectifier

**Used on:** 31-82041, 31-82043, 31-82045  
**Ref:** INR423, INR429, INR430, INR431, INR438  
**Note:** Rack Frame from 31-82210



**32-82003N**  
**Diodes-Negative**  
**24-32V/80A**  
**13mm Press Fit**

**Note:** Green, for higher amp use.  
 Avalanche Diodes.



**32-81700A-N**  
**Diodes-Negative**  
**20-24V/70A**  
**13mm Press Fit**

**Note:** Avalanche Diodes.



**32-82003P**  
**Diodes-Negative**  
**24-32V/80A**  
**13mm Press Fit**

**Note:** Red, for higher amp use.  
 Avalanche Diodes.



**32-81700A-P**  
**Diodes-Negative**  
**20-24V/70A**  
**13mm Press Fit**

**Note:** Avalanche Diodes.

# 35-Regulator

DE  
SRE  
CLUTCH PULLEY for Clutch Pulley  
Cap & Tool  
Solid  
Stator  
Slip Ring  
Rotor  
Rectifier and Parts  
Diode  
Regulator Terminal Block  
Brush Holder and Parts  
Insulator  
SRE COVER  
Misc. Parts  
B+ Term. Post & Nut  
Hardware



**35-82084-1**  
Regulator  
Oval, 3-Pins  
AVS-RC-LI

**Used on:** Ford, Lincoln  
**Replaces:** 126600-3430, 126600-3460  
**OE:** 104210-111, -297, -543, -563, -582  
 104210-582, -596, -597, -610, -618  
 104210-627, -634, -641, -649, -660  
 104210-663, -666, -667, -671  
 104211-023, -028  
 421000-704, -705  
**Lester:** 11204, 11290, 11291, 11292,  
 11293, 11431, 11432, 11527,  
 11621, 11622, 11623, 11624,  
 11641, 11993, 23820, 23821,  
 23839, 23913, 24047  
**Ref:** IN6343



**35-82086**  
Regulator  
Square, 4-Pins  
IG-C-L-FR, LRC

**Used on:** Acura, Honda  
**Replaces:** 126600-3660  
**OE:** 104210-5890  
**Lester:** 11390  
**Ref:** IN6366  
**Note:** L-Terminal no Output



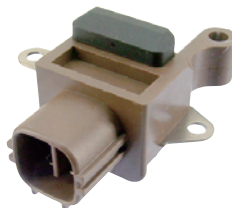
**35-82087**  
Regulator  
Oval, 3-Pins  
S-IG-LI

**Used on:** John Deere, Lexus, Jaguar  
**Replaces:** 126600-0011  
**OE:** 104210-303, -308, 392, -504  
**Lester:** 12660, 13992, 23830  
**Ref:** IN6001



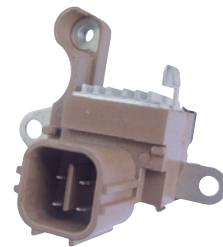
**35-82088**  
Regulator  
Square, 4-Pins  
IG-S-L-M (FR), LRC

**Used on:** Lexus, Toyota  
**Replaces:** 126600-3010  
**OE:** 104210-146, -214, -227, -234, -263  
 104210-265, -345, -348, -362, -365  
 104210-366, -375, -378, -379, -388  
 104210-389, -403, -418, -419, -481  
 104210-488, -508, -509, -510, -533  
 104210-548, -549, -551,  
 104211-354, -376, -803, -843, -864  
 104211-881  
**Lester:** 11032, 11033, 11034, 11084,  
 11088, 11195, 11326, 11350,  
 11351, 11352, 11385, 11386,  
 11402, 11404, 13981  
**Ref:** IN6301  
**Note:** L-Terminal no Output



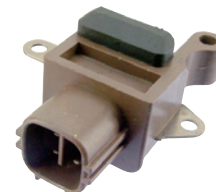
**35-82089**  
Regulator  
Square, 4-Pins  
S-IG-L-M (FR)

**Used on:** Honda, Lexus, Toyota  
**Replaces:** 126600-3000  
**OE:** 104210-222, -205, -347, -420, -423,  
 104210-468, -487, -492  
**Lester:** 11138, 11139, 11196, 11324,  
 13984, 24110  
**Ref:** IN6300, W085-291  
**Note:** Without LRC  
 L-Terminal no Output



**35-82090**  
Regulator  
Square, 4-Pins  
S-IG-L-M (FR)

**Used on:** Acura, Honda  
**Replaces:** 126600-3150  
**OE:** 104210-160, -180, -189, -199, -287  
 104210-310, -350, -429, -430, -448  
 104210-469  
 104211-827, -830, -851  
**Lester:** 11030, 11150, 11151  
**Ref:** IN6315  
**Note:** L-Terminal no Output



**35-82092**  
Regulator  
Square, 4-Pins  
S-IG-L-M (FR)

**Used on:** Lexus, Scion, Toyota  
**Replaces:** 126600-3230  
**OE:** 104210-207, -210, -447, -457, -483  
**Lester:** 11136, 11137  
**Ref:** IN6323  
**Note:** L-Terminal no Output



**35-82093**  
Regulator  
Square, 4-Pins  
IG-RLO-L-M

**Used on:** Toyota RAV4  
**Replaces:** 126600-3220  
**OE:** 104210-207, -210, -447, -457, -483  
**Lester:** 11322, 11323  
**Ref:** IN6322

# 35-Regulator



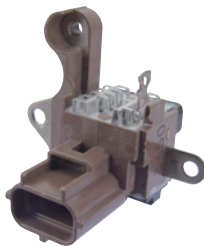
**35-82094**  
Regulator  
Oval, 3-Pins  
BVS-RC-LI

**Used on:** Ford, Lincoln, Land Rover  
**Replaces:** 126600-3460, 126600-7140  
**OE:** 104210-370, -409, -470, -530, -669  
**Lester:** 11205, 11238, 11430, 11667  
**Ref:** IN6601  
**Note:** Lamp control: PCM  
Voltage control: PCM



**35-82095**  
Regulator  
Oval, 3-Pins  
LI-RC-AS

**Used on:** Ford, Lincoln  
**Replaces:** 126600-4200  
**OE:** 104210-127, -293, -296, -297, -667  
104211-019  
**Lester:** 11527, 11621, 11622, 11623,  
11624, 11641  
**Ref:** IN6343  
**Note:** similar to 35-82084-1



**35-82097**  
Regulator  
Oval, 3-Pins  
LI-RC-AS

**Used on:** Ford  
**Replaces:** 126600-3600, -4210  
**OE:** 104210-030, -292, -595, -622, -656  
104210-657; 104211-031  
**Lester:** 11368, 11627, 11628, 11664,  
11665



**35-82099**  
Regulator  
Square, 4-Pins  
C-FR-IG-L, LRC

**Used on:** Acura, Honda  
**Replaces:** 126600-0140, -3200, -3350  
**OE:** 104210-329, 473  
**Lester:** 13980  
**Ref:** IN6335



**35-82100**  
Regulator  
Square, 4-Pins  
IG-S-L-M

**Used on:** Toyota  
**Replaces:** 126600-3531  
**Note:** similar to 35-82088



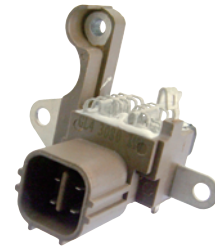
**35-82101**  
Regulator  
Square, 4-Pins  
IG-S-L-M(FR)

**Used on:** Lexus, Toyota  
**Replaces:** 126600-0150  
**OE:** 104210-338, -339, -341, -344, -346,  
104210-393, -400, -451, -511, -802,  
104210-901  
**Lester:** 11087, 11090, 11153, 11197,  
11198, 11571, 13983, 13994,  
23317  
**Ref:** IN6015



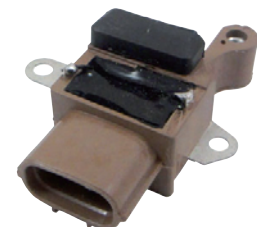
**35-82102**  
Regulator  
Square, 2-Pins  
L-DFM

**Used on:** Jeep  
**Replaces:**  
**OE:** 104210-317, -324, -424  
**Lester:** 11114, 23229  
**Ref:** IN317



**35-82103**  
Regulator  
Square, 4-Pins  
NC-NC-L-FR

**Used on:** Saturn  
**Replaces:** 126600-3080  
**OE:** 104210-377, -431, -581  
**Lester:** 11062, 11387  
**Ref:** IN6308



**35-82104**  
Regulator  
Oval, 3-Pins  
S-IG-L

**Used on:** Lexus, Toyota  
**Replaces:** 126600-002  
**OE:** 104210-304, -312, -314  
**Lester:** 13905, 13927, 13963  
**Ref:** IN6002

Hardware B+ Term. Post & Nut Misc. Pars SRE COVER SRE Insulator Brush Holder and Parts Regulator Terminal Block Diode Rectifier and Parts Rotor Slip Ring Stator Solid PULLEY Cap & Tool for Clutch Pulley CLUTCH PULLEY SRE DE

# 35-Regulator

DE SRE CLUTCH PULLEY Cap & Tool for Clutch PULLEY Solid Stator Slip Ring Rotor Rectifier and Diode Regulator Terminal Block Brush Holder and Parts Insulator SRE COVER Misc. Parts Post & Nut Hardware



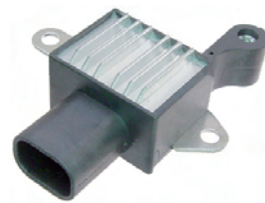
**35-82105**  
Regulator  
Oval, 3-Pins  
S-F-L

**Used on:** Buick, Cadillac, Pontiac  
**Replaces:** 126600-003  
**OE:** 104210-306, -307, -330, -454  
**Lester:** 11035, 13919  
**Ref:** IN6003



**35-82108**  
Regulator  
Oval, 3-Pins  
S(AS)-L(IG)-AM(LI)

**Used on:** Ford, Lincoln  
**Replaces:** 126600-0110  
**OE:** 104210-332, -321, -415, -416, -491  
**Lester:** 11000, 13978  
**Ref:** IN6011



**35-82110**  
Regulator  
Oval, 2-Pins  
F-L

**Used on:** Buick, Cadillac, Chevy, GMC, Pontiac, Saturn  
**Replaces:** 126600-324, -344  
**OE:** 104210-196, -319, -326, -332, -422, 104210-433, -434, -436, -437, -442, 104210-442, -539, -599, -600, -611, 104210-616, -631, 104211-035, -817, -834, -835, -911  
**Lester:** 11038, 11044, 11046, 11110, 11140, 11178, 11179, 11180, 11181, 11248, 11252, 11369, 11785, 11795, 14007, 14883  
**Ref:** IN6324



**35-82106**  
Regulator  
Square, 4-Pins  
IG-C-L-FR

**Used on:** Acura, Honda  
**Replaces:** 126600-004  
**OE:** 104210-309  
**Lester:** 13918  
**Ref:** IN6004



**35-82109**  
Regulator  
Square, 4-Pins  
IG-RLO-L-M

**Used on:** Lexus, Toyota  
**Replaces:** 126600-302, -332  
**OE:** 104210-209, -474, -475, -479, -613  
**Lester:** 11021, 11322, 11323, 11328  
**Ref:** IN6302



**35-82111**  
Regulator  
Oval, 2-Pins  
F-L

**Used on:** Chevrolet, GMC, Pontiac, Saturn  
**Replaces:** 126600-329  
**OE:** 104210-216, -289, -456, -507, -525, 104210-538, -541, 104211- 813  
**Lester:** 11156, 11183, 11237, 11250, 11787, 14021  
**Ref:** IN6329



**35-82107**  
Regulator  
Oval, 2-Pins  
F-L

**Used on:** Buick, Cadillac, Chevrolet, Pontiac, Saturn  
**Replaces:** 126600-0090  
**OE:** 104210-328, -330, -331, -334, -414, 104210-438, -441, -449  
**Lester:** 11003, 11036, 11037, 11109, 11146  
**Ref:** IN6009



**35-82112**  
Regulator  
Oval, 3-Pins  
LI-RC-BVS

**Used on:** Land Rover  
**Replaces:** 126600-349  
**OE:** 104210-3691, -3711  
**Lester:** 11569, 24028  
**Ref:** IN6349



**35-82116**  
Regulator  
Single Pin  
LIN

**Used on:** Acura, Honda  
**Replaces:** 126600-3970  
**OE:** 104210-149, -153  
**Lester:** 11604, 11768  
**Ref:** AH-10138



**35-82113**  
Regulator  
Square, 4-Pins  
IG-C-L-FR

**Used on:** Honda  
**Replaces:** 126600-365  
**OE:** 104210-591, -592  
**Lester:** 11391, 11392  
**Ref:** IN6365



**35-82117**  
Regulator  
Oval, 3-Pins  
AS-RC-LI

**Used on:** Ford, Mercury  
**Replaces:** 126600-3600, -4210  
**OE:** 104210-202, -292, -585, -595, -622  
104210-656, -657, -681, -682, -684  
104210-685, -686, -690  
104211-006, -007, -030, -078,  
**Lester:** 11368, 11427, 11428, 11433,  
11526, 11532, 11625, 11627,  
11628, 11629, 11664, 11665,  
14019-1, 14020  
**Ref:** AE-1047



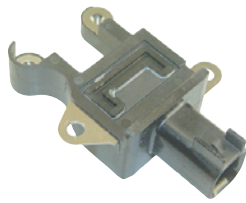
**35-82115**  
Regulator  
Oval, 3-Pins  
I(L)-D-FR

**Used on:** Volvo  
**Replaces:** 126600-7120  
**OE:** 104210-356, -405  
**Lester:** 11054, 11093  
**Ref:** AN-1086, W085-338, W085-338A



# 46-Terminal Block

DE  
SRE  
CLUTCH PULLEY  
Gap & Tool for Clutch Pulley  
Solid PULLEY  
Stator  
Slip Ring  
Rotor  
Rectifier and Parts  
Diode  
Regulator Terminal Block  
Brush Holder and Parts  
Insulator  
SRE COVER  
Misc. Parts B+  
Term. Post & Nut  
Hardware



**46-82172**  
Terminal Block

**Replaces:**

**OE:** 421000-038, -041, -048, -051, -052  
421000-054, -055, -056, -066, -067  
421000-070, -072, -073

**Lester:** 11241, 11243, 11285, 11294,  
11295, 11296, 11297, 11298,  
11378, 11379, 11449, 11516,  
11583, 11756

**Ref:** 46-82208



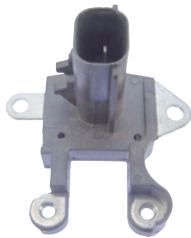
**46-82214**  
Terminal Block

**Replaces:** 126220-0230

**OE:** 421000-014, -030

**Lester:** 11063

**Ref:** 46-82205



**46-82198**  
Terminal Block

**Replaces:** 126220-0180

**OE:** 421000-001, -002, -003, -008, -022  
421000-049

**Lester:** 13867, 13870, 13871

**Ref:** INP421



**46-82215**  
Terminal Block

**Replaces:** 126220-0190, 126220-0191

**OE:** 421000-004, -005, -010, -015, -018  
421000-019, -020, -025, -026, -032  
421000-033, -034, -036, -060, -063

**Lester:** 11039, 11040, 11048, 11112,  
11113, 13912, 13913, 13914,  
13915, 13923

**Ref:** INP420



**46-82201**  
Terminal Block

**Replaces:** 126220-0180

**OE:** 421000-037, -039, -042, -043, -044  
421000-047, -050, -053, -059, -062  
421000-071, -075, -077, -080, -702  
421000-703, -704, -705

**Lester:** 11240, 11276, 11286, 11382,  
11383, 11570, 11572, 11574,  
11575, 11576, 11592, 11598

**Ref:** 46-82207



**46-82217**  
Terminal Block

**Replaces:** 126220-0190, 126220-0191

**OE:** 121000-252  
421000-006, -021, -023, -028, -036

**Lester:** 11155, 13868, 13988

**Ref:** 46-82204

## 38-, 39-, 41- Brush Holder & Seals



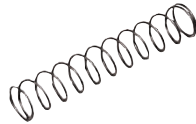
**38-82001-1**  
**Brush**

**DIM:** 5mm T x 7mm W x 15mm L x 48mm LL

**Replaces:** 021660-039, -051

**Ref:** 38-8201, AT-0549A, AT-05325A

**Note:** Used on most Denso Brush Holder



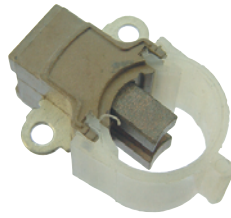
**39-82005**  
**Spring**

**DIM:** 5.4mm OD x 38mm L  
0.35mm Wire

**Replaces:** 021660-039, -051

**Ref:** 39-82700, AT-2149

**Note:** Used on most Denso Brush Holder



**39-82007**  
**Brush Holder Assy**  
**Early Type**

**Replaces:** 021620-3001

**OE:** 104210-303, -304, -306, -307, -309

104210-312, -314, -328, -344, -346

104210-347, -392, -393

121000-252

421000-001, -002, -003, -004, -005.

421000-006, -008, -010, -011, -012,

421000-018, -019, -020, -032, -459

**Lester:** 11003, 11039, 11048, 11087,

11113, 12660, 13867, 13868,

13870, 13871, 13905, 13912,

13913, 13913CP, 13914, 13915,

13918, 13919, 13923, 13927,

13963, 13983, 13984, 13988,

13992, 23830

**Ref:** 39-8207, AZ-0672

**Note:** Used w/41-82007 Gasket (Seal)



**39-82008-1**  
**Brush Holder Assy**  
**Late Type**

**Replaces:** 021620-3040, 021620-3020

**OE:**

**Lester:**

**Ref:** 39-8206, AT-06274

**Note:** Used on Most Late type Denso Hair Pin



**39-82010**  
**Cover-Brush Holder**  
**Early Type use**

**Replaces:** 021620-3001

**Ref:** 46-82485, AZ-0672C

**Note:** Used on 39-82007  
Early Type Brush Holder



**39-82011**  
**Cover-Brush Holder**  
**Late Type use**

**Replaces:** 021620-3001

**Ref:** 46-82483, AT-06274C

**Note:** Used on 39-82008-1  
Late Type Brush Holder

Hardware B+ Term. Post & Nut Misc. Pars SRE COVER  
 Brush Holder and Parts  
 Regulator Terminal Block Diode Rectifier and Parts Rotor Slip Ring Stator Solid PULLEY  
 Cap & Tool for Clutch Pulley CLUTCH PULLEY SRE DE

# 38-, 39-, 41- Brush Holder & Seals

DE  
SRE  
CLUTCH  
PULLEY  
Gap & Tool  
for Clutch  
Pulley  
Solid  
PULLEY  
Stator  
Slip Ring  
Rotor  
Rectifier  
and  
Parts  
Diode  
Regulator  
Terminal  
Block  
Brush  
Holder  
and Parts  
Insulator  
SRE  
COVER  
Misc. Parts  
B+ Term.  
Post & Nut  
Hardware



**41-82003**  
**Seal-Brush Holder**  
**80-160 Amp Alternators**

**DIM:** 19mm ID, 26mm W, 35mm OL,  
1.7mmTH  
**Replaces:** 021626-0080, 021626-0190  
**OE:**  
**Lester:** 12066, 12194, 12195, 13252,  
13276, 13278, 13321, 13323,  
13325, 13506, 13507... etc  
**Ref:** 41-82101, AT-0694A  
**Note:** Orange Color  
For thinner use 41-82008



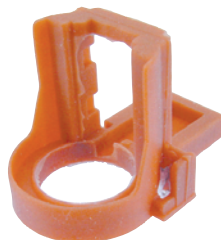
**41-82008**  
**Seal-Brush Holder**  
**80-160 Amp Alternators**

**DIM:** 19mm ID, 26mm W, 35mm OL,  
1mmTH  
**Replaces:** 021626-0080, 021626-0190  
**OE:**  
**Lester:** 12066, 12194, 12195, 13252,  
13276, 13278, 13321, 13323,  
13325, 13506, 13507... etc  
**Ref:** 41-82101, AT-0694A  
**Note:** Orange Color  
For thinner use 41-82008



**41-82007**  
**Seal-Brush Holder**  
**120-160 Amp Alternators**

**Replaces:** 021626-0510  
**OE:** 104210-303, -304, -306, -307, -309  
104210-312, -314, -328, -344, -346  
104210-347, -392, -393  
121000-252  
421000-001, -002, -003, -004, -005,  
421000-006, -008, -010, -011, -012,  
421000-018, -019, -020, -032, -459  
**Lester:** 11003, 11039, 11048, 11087,  
11113, 12660, 13867, 13868,  
13870, 13871, 13905, 13912,  
13913, 13913CP, 13914, 13915,  
13918, 13919, 13923, 13927,  
13963, 13983, 13984, 13988,  
13992, 23830  
**Ref:** 41-82103, AZ-0672A, W115-156  
**Note:** Used w/ 39-82007 Early Type  
Brush Holder



**41-82009**  
**Seal-Brush Holder**  
**80-160 Amp Alternators**

**For:** Denso Hair Pin Alternators  
**DIM:** 19mm ID, 26mm W, 35mm OL  
**Replaces:**  
**OE:**  
**Lester:**  
**Note:** Orange Color.

 <p><b>42-82048</b> Insulator B+ Terminal-for Side M8 Post</p> <p><b>DIM:</b> 14mm ID, 25.7mm OD, 16.8mm OAL</p> <p><b>Replaces:</b> 021605-3070</p> <p><b>OE:</b> 104210-424, -433, -442; 121000-252; 421000-001, -004, -010, -022, -043, 421000-047</p> <p><b>Lester:</b> 11110, 11114, 11140, 11240, 11276, 13868, 13870, 13871, 13912, 13913</p> <p><b>Ref:</b> 42-82325, W115-153</p> <p><b>Note:</b> 2 Slot</p>	 <p><b>42-82050</b> Insulator B+ Terminal-for Side M8 Post</p> <p><b>DIM:</b> 14mm ID, 28mm OD, 17mm OAL</p> <p><b>Replaces:</b> 021605-3050, 021605-3110</p> <p><b>OE:</b> 104210-303, -308, -310, -312, -314, 104210-319, -320, -321, -326, -328, 104210-330, -331, -332, -334, -338, 104210-344, -346, -347, -350, -369, 104210-370, -388, -392, -414, -415, 104210-418, -422, -424, -435, -436, 104210-438, -441, -442, -443, -491, 104210-499, -507</p> <p><b>Lester:</b> 11059, 11063, 11109, 11297, 11298, 11367, 11378, 11401, 11449, 13867, 13868, 13870, 13871, 13912, 13913</p> <p><b>Ref:</b> 42-82323, W115-153, AZ-1895C</p> <p><b>Note:</b> 4 Slot</p>	 <p><b>42-82053</b> Insulator B+ Terminal-for Side M8 Post</p> <p><b>DIM:</b> 17.5mm ID, 27.6mm OD, 17mm OAL</p> <p><b>Replaces:</b></p> <p><b>OE:</b> 421000-700, -716</p> <p><b>Lester:</b> 11379</p> <p><b>Ref:</b> W115-210, AZ-18119C</p> <p><b>Note:</b></p>
 <p><b>42-82049</b> Insulator B+ Terminal-for Top M8 Post D-Shape Interlock</p> <p><b>DIM:</b> 14mm ID, 28mm OD, 15mm OAL</p> <p><b>Replaces:</b> 021605-3080, 021605-3120</p> <p><b>OE:</b> 104210-424, -433, -442; 121000-252; 421000-001, -004, -010, -022, -043, 421000-047</p> <p><b>Lester:</b> 11039, 11040, 11112, 11113, 11155, 11241, 11244, 11401, 11570, 11572, 13867, 13914, 13915, 13923</p> <p><b>Ref:</b> 42-82327, W115-224</p> <p><b>Note:</b> 4 Slot</p>	 <p><b>42-82051</b> Insulator B+ Terminal-for Top M8 Post D-Shape Interlock</p> <p><b>DIM:</b> 14mm ID, 23.7mm OD, 17.4mm OAL</p> <p><b>Replaces:</b> 021605-3330</p> <p><b>OE:</b> 104210-329, -473, -516</p> <p><b>Lester:</b> 11154, 13980</p> <p><b>Ref:</b> W115-163, AH-18113C</p> <p><b>Note:</b> Used w/ 46-82169</p>	 <p><b>42-82056</b> Insulator B+ Terminal-for Top M8 Post D-Shape Interlock</p> <p><b>DIM:</b> 14.5mm ID, 17.9mm OAL</p> <p><b>Replaces:</b></p> <p><b>OE:</b></p> <p><b>Lester:</b></p> <p><b>Ref:</b></p> <p><b>Note:</b></p>  <p><b>42-82057</b> Insulator B+ Terminal-for Top D-Shape Interlock</p> <p><b>DIM:</b> 14mm ID, 24mm OAL</p> <p><b>Replaces:</b> 31119-R40-A01</p> <p><b>OE:</b> 104210-589</p> <p><b>Lester:</b> 11390</p> <p><b>Ref:</b> AH-18132</p> <p><b>Note:</b></p>

# 42-Insulator

DE  
SRE  
CLUTCH PULLEY  
Gap & Tool for Clutch PULLEY  
Solid PULLEY  
Stator  
Slip Ring  
Rotor  
Rectifier and Parts  
Diode  
Regulator Terminal Block  
Brush Holder  
Insulator  
SRE COVER  
Misc. Parts  
B+ Term. Post & Nut  
Hardware



**42-82058**

**Insulator B+ Terminal-for Top D-Shape Interlock**

**DIM:** 14.8mm ID, 27mm OD, 37.3mm OAL

**Replaces:**

**OE:**

**Lester:**

**Ref:**

**Note:** Similar to 42-82066, but the top open on different direction.



**42-82059-1**

**Insulator B+ Terminal-for Side M6 Post**

**DIM:** 12.5mm ID, 25.5mm OD, 16.8mm OAL

**Replaces:** 021605-3090

**OE:** 104210-100, -146, -207, -257, -263, 104210-265, -270, -280, -283, -284, 104210-304, -312, -338, -365, -369, 104210-375, -379, -418, -423, -447, 104210-479, -481, -488, -548, -551, 104210-846, -881

**Lester:** 11032, 11033, 11136, 11138, 11195, 11201, 11386, 11404, 11516, 11517, 11519, 11521, 11522, 11577, 11758, 11767, 13905, 13927, 13994, 23317

**Ref:** 42-82335, W115-173, AT-18266C

**Note:** 4 slot



**42-82060**

**Insulator B+ Terminal-for Top D-Shape Interlock**

**DIM:** 14.6mm ID, 27mm OD, 26mm OAL

**Replaces:**

**OE:**

**Lester:**

**Ref:**

**Note:**



**42-82061**

**Insulator B+ Terminal-for Side**

**DIM:** 16.2mm ID, 28.8mm OAL

**Replaces:**

**OE:** 104210-351, -356, -405, -464, 104211-885

**Lester:** 11054, 11093, 11782, 23820

**Ref:** W115-214, AN-1886C

**Note:**



**42-82063**

**Insulator B+ Terminal-for Top D-Shape Interlock**

**DIM:** 14.5mm ID, 24.6mm OD, 19.6mm OAL

**Replaces:**

**OE:** 104210-180, -287, -456, -564, -581, 11178, 11183, 11387, 11524, 11591, 11686

**Ref:** AN-18148C

**Note:** 4 slot



**42-82064**

**Insulator B+ Terminal-for Side**

**DIM:** 14.5mm ID, 17.2mm OD, 35mm OAL

**Replaces:**

**OE:** 104210-124, -160, -189, -310, 104210-350, -377, -429, -430, 104210-431, -448, -469, -591, 104210-592, -347, -371, -391, 104211-827, -830, -852

**Lester:** 11030, 11062, 11150, 11151, 11391, 11392, 11573, 11600, 11670, 11671, 11672, 11775

**Ref:** W115-189, AH-18123C



**42-82066**

**Insulator B+ Terminal-for Top D-Shape Interlock**

**DIM:** 14.7mm ID, 27mm OD, 37.25mm OAL

**Replaces:** 021605-3190

**OE:** 104210-309

**Lester:** 13918

**Ref:** W115-154, AH-18107C

**Note:** Similar to 42-82058, but top open on different direction



**42-82068**

**Insulator B+ Terminal-for Top D-Shape Interlock**

**DIM:** 8.6mm ID, 27.1mm OAL

**Replaces:**

**OE:**

**Lester:**

**Ref:**

**Note:**

# 42-Insulator



**42-82069**

**Insulator B+ Terminal-for Top D-Shape Interlock**

**DIM:** 17.75mm ID, 28.75mm OAL

**Replaces:**

**OE:** 104210-610, -634

**Lester:** 11290, 11630

**Ref:** W115-211, AE-1831C

**Note:**



**42-82072**

**Insulator B+ Terminal-for Side**

**DIM:** 14.75mm ID, 35.3mm OAL

**Replaces:**

**OE:** 104210-591, 104210-592

**Lester:** 11391, 11392

**Ref:** W115-222

**Note:** Similar to 42-82064, but 42-82072 w/key slot



**42-82080**

**Insulator B+ Terminal-for Top D-Shape Interlock**

**DIM:** 14.39mm ID, 30mm OAL

**Replaces:**

**OE:** 104210-543

**Lester:** 11291

**Ref:** AE-1830C

**Note:**



**42-82070**

**Insulator B+ Terminal-for Side**

**DIM:** 14.6mm ID, 32.5mm OAL

**Replaces:**

**OE:** 104210-681, -682, -683, -684, -685

104210, -686, -690,

104211-067, -078, -891

**Lester:** 11292, 11293

**Ref:** W115-223, AE-1864C

**Note:**



**42-82073**

**Insulator B+ Terminal-for Side**

**DIM:** 12mm ID, 20mm OD,

22.2mm OAL

**Replaces:**

**OE:** 104210-321, -416

**Lester:** 11000, 11621

**Ref:** W115-220

**Note:**



**42-82081**

**Insulator B+ Terminal-for Side M6 Post**

**DIM:** 12mm ID, 22mm OAL

**Replaces:**

**OE:** 104210-563

**Lester:** 11431

**Ref:**

**Note:**



**42-82071**

**Insulator B+ Terminal-for Top D-Shape Interlock**

**DIM:** 14.6mm ID, 26.25mm OAL

**Replaces:**

**OE:**

**Lester:**

**Ref:**

**Note:** Used w/ 46-82230



**42-82076**

**Insulator B+ Terminal-for Side**

**DIM:** 12.5mm ID, 28mm OAL

**Replaces:**

**OE:**

**Lester:**

**Ref:**

**Note:**



**42-82082**

**Insulator B+ Terminal-for Top M8 Post**

**DIM:** 17.5mm ID, 15mm OAL

**Replaces:**

**OE:** 421000-704, 421000-705

**Lester:** 11592, 11598

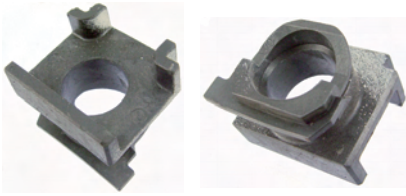
**Ref:** AZ-18133C

**Note:**

Hardware B+ Term. Misc. Parts SRE COVER  
 Insulator  
 Brush Holder and Parts  
 Regulator Terminal Block  
 Diode  
 Rectifier and Parts  
 Rotor  
 Slip Ring  
 Stator  
 Solid PULLEY  
 Cap & Tool for Clutch Pulley  
 SRE  
 DE

# 42-Insulator

DE SRE CLUTCH PULLEY Cap & Tool for Clutch PULLEY Solid PULLEY Stator Slip Ring Rotor Rectifier and Parts Diode Regulator Terminal Block and Parts Brush Holder and Parts Insulator SRE COVER Misc. Parts B+ Term. Post & Nut Hardware



## 42-82084

### Insulator B+ Terminal-for Side M8 Post

**DIM:** 17.6mm ID, 24.7mm OAL

**Replaces:**

**OE:** 104210-640

**Lester:** 14204

**Ref:**

**Note:**



## 42-82085

### Insulator B+ Terminal-for Side M8 Post

**DIM:** 17mm ID, 31.5mm OAL

**Replaces:**

**OE:**

**Lester:**

**Ref:**

**Note:** Similar to 42-82070, 42-82086 but different ID & Open



## 42-82088

### Insulator B+ Terminal-for Top M6 Post

**DIM:** 14.5mm ID, 30.5mm OD, 15.1mm OAL

**Replaces:**

**OE:**

**Lester:**

**Ref:**

**Note:**



## 42-82086

### Insulator B+ Terminal-for Side M8 Post

**DIM:** 17mm ID, 31.5mm OAL

**Replaces:**

**OE:** 104210-618, -622, -654, -656, -669  
104210-677, -685, -686, -687, -702  
104211-031

**Lester:** 11434, 11575, 11627, 11645,  
11665, 11667, 12884, 14009,  
14019-1. 14020

**Ref:**

**Note:** similar to 42-82070

# 46-SRE Cover



**46-82164**  
SRE Cover

**For:** Chrysler  
**DIM:** 127mm OD  
**Replaces:**  
**OE:** 421000-006  
**Lester:** 13868  
**Ref:** 46-82487  
**Note:** Early Type  
 For Late Type use 46-82176



**46-82167**  
SRE Cover

**For:** Chrysler  
**DIM:** 127mm OD  
**Replaces:** 021551-3450, 021551-3451  
**OE:** 421000-001, 421000-002  
**Lester:** 13870, 13871  
**Ref:** 46-82475, W015-47, AZ-1378  
**Note:** Early Type



**46-82170**  
SRE Cover

**For:** Chrysler  
**DIM:** 127mm OD  
**Replaces:** 021551-3491  
**OE:** 104210-306, 104210-307  
**Lester:** 13919  
**Ref:** 46-82477, W015-50, AJ-13100  
**Note:** Early Type



**46-82165**  
SRE Cover

**For:** Chrysler  
**DIM:** 127mm OD  
**Replaces:** 021551-3471, 021551-3680  
**OE:** 421000-005, -011, -018, -019, -020, 421000-037, -062  
**Lester:** 11039, 11040\*, 11048, 11244, 11383, 13914, 13915  
**Note:** Early "q" Type  
 \*11040 Late Type use 46-82207  
 \*Similar to 46-82187, except inside Brush Holder area different.



**46-82168**  
SRE Cover

**For:** Chrysler  
**DIM:** 128mm OD  
**Replaces:** 021551-3500  
**OE:** 421000-003, -008, -012  
**Lester:** 13867, 13923, 23830  
**Ref:** W015-56, AZ-1384  
**Note:** Early Type



**46-82173**  
SRE Cover

**For:** Chrysler  
**DIM:** 128mm OD  
**Replaces:** 021551-4381  
**OE:** 421000-022, -047, -049, -050, -053, 421000-059  
**Lester:** 11240, 11276, 13870, 13871  
**Ref:** 46-82474, W015-83  
**Note:** Late Type



**46-82166**  
SRE Cover

**For:** Lexus  
**DIM:** 127mm OD  
**Replaces:**  
**OE:** 104210-304, 104210-312  
**Lester:** 13905, 13927  
**Ref:** W015-55  
**Note:** Early Type  
 For Late Type use 46-82176



**46-82169**  
SRE Cover

**For:** Honda  
**DIM:** 127mm OD  
**Replaces:** 021551-4120  
**OE:** 104210-329, -473, -516  
**Lester:** 11154, 13980  
**Ref:** 46-82495, W015-53  
**Note:** Late Type  
 Similar to 46-82191, but different Regulator hole opening.



31mm Height  
**46-82174**  
SRE Cover

**For:** Toyota  
**DIM:** 128mm OD  
**Replaces:** 021551-4381  
**OE:** 104210-339, -368, -451, -511, -512, 104210-619  
**Lester:** 11090, 11153, 11198, 13994\*  
**Ref:** W015-77, AT-13274  
**Note:** Late Type  
 Early Type use 46-82189  
 Similar to 46-82245, but 46-82245 is 43mm Height

DE SRE CLUTCH PULLEY  
 Solid Cap & Tool for Clutch Pulley  
 PULLEY  
 Stator  
 Slip Ring  
 Rotor  
 Rectifier and Parts  
 Diode  
 Regulator Terminal Block  
 Brush Holder and Parts  
 Insulator  
 SRE COVER  
 Misc. Parts  
 B+ Term. Post & Nut  
 Hardware



# 46-SRE Cover

DE  
SRE  
CLUTCH PULLEY  
Gap & Tool  
for Clutch  
Pulley  
Solid  
PULLEY  
Stator  
Slip Ring  
Rotor  
Rectifier  
and  
Diode  
Regulator  
Terminal  
Block  
Brush  
Holder  
and Parts  
Insulator  
SRE  
COVER  
Misc. Parts  
B+ Term.  
Post & Nut  
Hardware



**46-82175**  
SRE Cover

**For:** Toyota  
**DIM:** 128mm OD  
**Replaces:** 021551-4180, 021551-4650  
**OE:** 104210-146, -205, -207, -209, -210, 104210-214, -227, -234, -235, -236, 104210-256, -257, -261, -263, -265, 104210-345, -348, -362, -365, -366, 104210-375, -378, -379, -388, -389, 104210-403, -418, -419, -420, -423, 104210-447, -457, -468, -474, -475, 104210-479, -481, -483, -487, -488, 104210-489, -492, -508, -509, -510, 104210-533, -548, -549, -551, 104211-329, -353, -354, -376, -803, 104211-843, -846\*, -864, -881\*  
**Lester:** 11032, 11033, 11034, 11084, 11088, 11136, 11137, 11138, 11139, 11195, 11196, 11201, 11322, 11323, 11324, 11325, 11326, 11350, 11351, 11352, 11352, 11384, 11385, 11386, 11400, 11402, 11403, 11404, 11407, 11408, 11516, 11519, 11577, 11765, 11767\*, 13905, 13981, 13984, 14486, 14487  
**Ref:** W015-65, AT-13275  
**Note:** Late Type



**46-82176**  
SRE Cover

**For:** Chrysler  
**DIM:** 128mm OD  
**Replaces:** 021551-4030  
**OE:** 421000-014, -021, -023, -028, -030, 421000-038, -041, -048, -051, -052, 421000-054, -056, -067, -070, -072, 421000-073, -072  
**Lester:** 11063, 11243, 11285, 11294, 11295, 11296, 11297, 11298, 11299, 11378, 11449, 11583, 13868\*, 13988  
**Ref:** 46-82473, W015-54, AZ-1388  
**Note:** Late Type  
 13868 for Early Type use  
 46-82164



**46-82177**  
SRE Cover

**For:** Chrysler  
**DIM:** 127mm OD  
**Replaces:** 021551-3460  
**OE:** 421000-004, 421000-010  
**Lester:** 13912, 13913  
**Ref:** 46-82476, W015-45  
**Note:** Early Type



**46-82180**  
SRE Cover

**For:** Toyota  
**DIM:** 137.5mm OD  
**Replaces:**  
**OE:** 104210-614, -625\*, -640\*, -678  
**Lester:** 11405, 11761, 11791\*, 14204\*  
**Ref:** W015-92  
**Note:** Late Type



**46-82181**  
SRE Cover





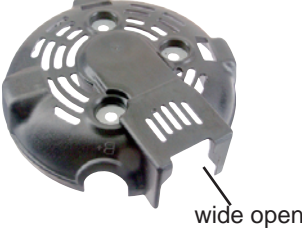




**For:** Ford, Lincoln, Mustang  
**DIM:** 128mm OD  
**Replaces:**  
**OE:** 104210-111, -297, -563, -586, -597, 104211-330  
**Lester:** 11204, 11292, 11431, 11432, 11623, 11776  
**Ref:**  
**Note:** Late Type



**46-82182**  
SRE Cover

**For:** Toyota  
**DIM:** 114.5mm OD  
**Replaces:**  
**OE:** 104210-9060  
**Lester:**  
**Ref:**  
**Note:** Late Type

# 46-SRE Cover

 <p><b>46-82183</b> SRE Cover</p> <p><b>For:</b> Ford  <b>DIM:</b> 120mm OD  <b>Replaces:</b>  <b>OE:</b> 1104210-351, -363, -376  <b>Lester:</b> 23820, 23839, 23912  <b>Ref:</b>  <b>Note:</b> Late Type, Europe</p>	 <p><b>46-82187</b> SRE Cover</p> <p><b>For:</b>  <b>DIM:</b> 128mm OD  <b>Replaces:</b>  <b>OE:</b> 421000-011, 421000-005  <b>Lester:</b> 13914, 13915  <b>Ref:</b>  <b>Note:</b> Early Type            Similar to 46-82165, but Brush Holder area different.</p>	 <p><b>46-82190</b> SRE Cover</p> <p><b>For:</b> Land Rover  <b>DIM:</b> 128mm OD  <b>Replaces:</b>  <b>OE:</b> 104210-369, -370  <b>Lester:</b> 11206  <b>Ref:</b> W015-93  <b>Note:</b> Late Type</p>
 <p><b>46-82185</b> SRE Cover</p> <p><b>For:</b>  <b>DIM:</b> 128mm OD  <b>Replaces:</b>  <b>OE:</b>  <b>Lester:</b>  <b>Ref:</b>  <b>Note:</b> Early Type</p>	 <p><b>46-82188</b> SRE Cover</p> <p><b>For:</b> Volvo  <b>DIM:</b> 128mm OD  <b>Replaces:</b> 021551-4330  <b>OE:</b> 104210-271*, -352, -356, -370*, 104210-405, -464  <b>Lester:</b> 11054, 11093, 11205*, 23821*  <b>Ref:</b> W015-95  <b>Note:</b> Late Type</p>	 <p><b>46-82191</b> SRE Cover</p> <p><b>For:</b> Honda  <b>DIM:</b> 128mm OD  <b>Replaces:</b>  <b>OE:</b> 104210-5890  <b>Lester:</b> 11390  <b>Ref:</b>  <b>Note:</b> Late Type            Similar to 46-82169, but different Regulator hole opening.</p>
 <p><b>46-82186</b> SRE Cover</p> <p><b>For:</b>  <b>DIM:</b> 128mm OD  <b>Replaces:</b>  <b>OE:</b>  <b>Lester:</b>  <b>Ref:</b>  <b>Note:</b> Early Type</p>	 <p><b>46-82189</b> SRE Cover</p> <p><b>For:</b> Toyota  <b>DIM:</b> 128mm OD  <b>Replaces:</b> 021551-4330  <b>OE:</b> 104210-334, -338, -346, -400, -512  <b>Lester:</b> 11087, 11197, 13983, 13994  <b>Ref:</b> W015-59  <b>Note:</b> Early Type            Late type use 46-82174</p>	 <p><b>46-82192</b> SRE Cover</p> <p><b>For:</b> John Deere, Toyota  <b>DIM:</b> 128mm OD  <b>Replaces:</b> 021551-3600  <b>OE:</b> 104210-303, 104210-3920 (Early)  <b>Lester:</b> 12660 (Early), 13992  <b>Ref:</b> W015-79, AT-13284  <b>Note:</b> Early Type            Late type use 46-82206</p>

DE SRE CLUTCH PULLEY  
 Cap & Tool for Clutch Pulley  
 Solid PULLEY  
 Stator  
 Slip Ring  
 Rotor  
 Rectifier and Parts  
 Diode  
 Regulator Terminal Block  
 Brush Holder and Parts  
 Insulator  
 SRE COVER  
 Misc. Parts  
 B+ Term. Post & Nut  
 Hardware

# 46-SRE Cover

DE SRE CLUTCH PULLEY Gap & Tool for Clutch PULLEY Solid PULLEY Stator Slip Ring Rotor Rectifier and Parts Diode Regulator Terminal Block Brush Holder and Parts Insulator SRE COVER Misc. Parts B+ Term. Post & Nut Hardware



**46-82194**  
SRE Cover

**For:**  
**DIM:** 128mm OD  
**Replaces:**  
**OE:** 104210-308, 104210-504  
**Lester:** 13979  
**Ref:** W015-58  
**Note:** Late Type



**46-82197**  
SRE Cover

**For:** GM, Suzuki  
**DIM:** 128mm OD  
**Replaces:**  
**OE:** 104210-216, -289, -456, -507, -525, 104210-538, -541  
**Lester:** 11156, 11183, 11237, 11250  
**Ref:** W015-91, AJ-13151  
**Note:** Late Type



**46-82204**  
SRE Cover

**For:** Toyota  
**DIM:** 114.5mm OD  
**Replaces:**  
**OE:** 104210-802  
**Lester:** 23317  
**Ref:**  
**Note:** Late Type, Europe  
85Amp Type use



**46-82195**  
SRE Cover

**For:** GM  
**DIM:** 128mm OD  
**Replaces:**  
**OE:** 104210-328, -330, -331, -334, -438, 104210-454, -499  
**Lester:** 11003, 11035, 11036, 11037, 11146  
**Ref:** W015-67, 46-824101  
**Note:** Late Type



**46-82202**  
SRE Cover

**For:** GM  
**DIM:** 137.5mm OD  
**Replaces:**  
**OE:** 104210-600, -601, -611, -616, -631  
**Lester:** 11181, 11251, 11252  
**Ref:** AJ-13160  
**Note:** Late Type



**46-82205**  
SRE Cover

**For:** GM  
**DIM:** 128mm OD  
**Replaces:**  
**OE:** 104210-319, -326, -332, -435, -443  
**Lester:** 11038, 11044, 11046  
**Ref:** W015-78  
**Note:** Late Type



**46-82196**  
SRE Cover

**For:** GM  
**DIM:** 128mm OD  
**Replaces:**  
**OE:** 104210-433, 104210-442  
**Lester:** 11110, 11140  
**Ref:** W015-74  
**Note:** Late Type



**46-82203**  
SRE Cover

**For:**  
**DIM:** 128mm OD  
**Replaces:**  
**OE:**  
**Lester:**  
**Ref:**  
**Note:** Late Type



**46-82206**  
SRE Cover

**For:** Land Rover  
**DIM:** 128mm OD  
**Replaces:**  
**OE:** 104210-371, 104210-3921(Late)  
**Lester:** 12660 (Late), 24028  
**Ref:** 46-82192  
**Note:** Late Type, Europe

# 46-SRE Cover



**46-82207**  
SRE Cover

**For:** Chrysler  
**DIM:** 128mm OD  
**Replaces:**  
**OE:** 421000-080, -015, -025, -026, -033, 421000-034, -037, -062, -063, -065, 421000-075  
**Lester:** 11040\*, 11112, 11113, 11244\*, 11382, 11383\*, 11401, 11572, 11574  
**Ref:** W015-75  
**Note:** Late Type, \*11040, 11244, 11383 Early Type use 46-82165.



**46-82210**  
SRE Cover

**For:** Chrysler, Dodge, Ram  
**DIM:** 137.5mm OD  
**Replaces:**  
**OE:** 421000-700, -701, -714 021080-1540  
**Lester:** 11379, 11380, 11755  
**Ref:** W015-99  
**Note:** Late Type



**46-82211**  
SRE Cover

**For:** Chrysler, Dodge  
**DIM:** 128mm OD  
**Replaces:**  
**OE:** 421000-018  
**Lester:** 11048  
**Ref:**  
**Note:** Early Type



**46-82213**  
SRE Cover

**For:** Chrysler, Dodge  
**DIM:** 137.5mm OD  
**Replaces:**  
**OE:** 104210-610  
**Lester:** 11290  
**Ref:**  
**Note:** Late Type



**46-82216**  
SRE Cover

**For:**  
**DIM:** 128mm OD  
**Replaces:**  
**OE:**  
**Lester:**  
**Ref:**  
**Note:** Late Type



**46-82218**  
SRE Cover

**For:** Acura, Honda  
**DIM:** 128mm OD  
**Replaces:**  
**OE:** 104210-124, -591, -592  
**Lester:** 11391, 11392, 11573  
**Ref:** W015-97  
**Note:** Late Type



**46-82219**  
SRE Cover

**For:** Ford, Lincoln  
**DIM:** 128mm OD  
**Replaces:**  
**OE:** 104210-321, -416  
**Lester:** 11000  
**Ref:** W015-97  
**Note:** Late Type



**46-82220**  
SRE Cover

**For:** Ford, Lincoln, John Deere  
**DIM:** 128mm OD  
**Replaces:** 021551-356  
**OE:** 104210-309, -393  
**Lester:** 13918  
**Ref:** W015-57, AH-13107  
**Note:** Early Type

Hardware B+ Term. Post & Nut Misc. Parts SRE COVER Insulator Brush Holder and Parts Regulator Terminal Block Diode Rectifier and Parts Rotor Slip Ring Stator Solid PULLEY Cap & Tool for Clutch Pulley CLUTCH PULLEY SRE DE

# 46-SRE Cover

DE SRE CLUTCH PULLEY Gap & Tool for Clutch PULLEY Solid PULLEY Stator Slip Ring Rotor Rectifier and Parts Diode Regulator Terminal Block Brush Holder Insulator SRE COVER Misc. Parts B+ Term. Post & Nut Hardware



**46-82222**  
SRE Cover

**For:** Ford  
**DIM:** 138mm OD  
**Replaces:**  
**OE:** 104210-627, -634, -666, -677  
**Lester:** 11532, 11627, 11645, 11679  
**Ref:** AE-1370  
**Note:** Late Type



**46-82225**  
SRE Cover

**For:** Ford  
**DIM:** 128mm OD  
**Replaces:**  
**OE:** 104210-543  
**Lester:** 11291  
**Ref:**  
**Note:** Late Type



**46-82228**  
SRE Cover

**For:**  
**DIM:** 128mm OD  
**Replaces:**  
**OE:**  
**Lester:**  
**Ref:**  
**Note:** Late Type



22.1mm

**46-82223**  
SRE Cover

**For:** Ford  
**DIM:** 128mm OD  
**Replaces:**  
**OE:** 104210-310, -350\*, -429, -430  
**Lester:** 11030\*, 11099, 11150  
**Ref:**  
**Note:** Late Type  
 \*11030 has two type SRE Cover.  
 please see 46-82224



**46-82226**  
SRE Cover

**For:** Ford  
**DIM:** 128mm OD  
**Replaces:**  
**OE:**  
**Lester:**  
**Ref:**  
**Note:** Late Type



**46-82229**  
SRE Cover

**For:** European Hyundai, Kia  
**DIM:** 128mm OD  
**Replaces:**  
**OE:** 104210-391, 486, -581, -620  
**Lester:** 11387, 11523, 11766, 23971  
**Ref:** AN-13122  
**Note:** Late Type



**46-82224**  
SRE Cover

**For:** Ford  
**DIM:** 128mm OD  
**Replaces:**  
**OE:** 104210-448\*, 104210-469  
**Lester:** 11030\*, 11151  
**Ref:**  
**Note:** Late Type  
 \*11030 has two type SRE Cover.  
 please see 46-82223



**46-82227**  
SRE Cover

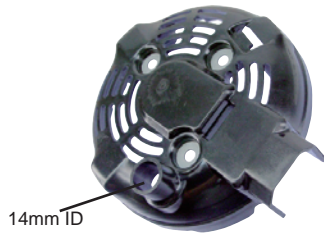
**For:**  
**DIM:** 128mm OD  
**Replaces:**  
**OE:**  
**Lester:**  
**Ref:**  
**Note:** Late Type



**46-82230**  
SRE Cover

**For:**  
**DIM:** 114.5mm OD  
**Replaces:**  
**OE:**  
**Lester:**  
**Ref:**  
**Note:** Late Type  
 85Amp Type use

# 46-SRE Cover



**46-82231**  
SRE Cover

**For:** Buick, Cadillac, Chevrolet, Pontiac  
**DIM:** 128mm OD  
**Replaces:**  
**OE:** 104210-200, -422, -436, -437, -539, 104210-540, -599  
**Lester:** 11178, 11179, 11180, 11369, 11508, 11513  
**Ref:** W015-80  
**Note:** Late Type  
 B+ Insulator Height 15mm



**46-82235**  
SRE Cover

**For:** Jeep  
**DIM:** 128mm OD  
**Replaces:**  
**OE:** 421000-036, -055, -066  
**Lester:** 11155, 11241  
**Ref:**  
**Note:** Late Type



**46-82236**  
SRE Cover

**For:** Ford  
**DIM:** 137.5mm OD  
**Replaces:**  
**OE:** 104210-618, -634, -667  
**Lester:** 11434, 11534, 11624, 11630  
**Ref:**  
**Note:** Late Type

**Photo  
Coming Soon**

**46-82237**  
SRE Cover

**For:** Jeep  
**DIM:** 128mm OD  
**Replaces:**  
**OE:** 104210-424  
**Lester:** 11114  
**Ref:** W015-89, AZ-1398  
**Note:** Late Type



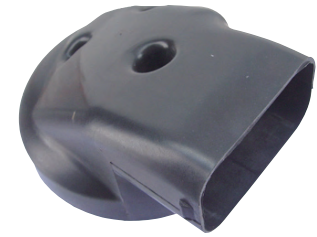
**46-82238**  
SRE Cover

**For:** Jeep  
**DIM:** 137.5mm OD  
**Replaces:**  
**OE:** 421000-702, -703, -704, -705, -708 421000-715  
**Lester:** 11575, 11576, 11592, 11598, 11749  
**Ref:** W015-89, AZ-1398  
**Note:** Late Type



**46-82239**  
SRE Cover

**For:**  
**DIM:**  
**Replaces:**  
**OE:**  
**Lester:**  
**Ref:**  
**Note:** Late Type



**46-82240**  
SRE Cover

**For:** BMW-European  
**DIM:**  
**Replaces:**  
**OE:** 104210-633  
**Lester:** 24111  
**Ref:**  
**Note:** Late Type



**46-82241**  
SRE Cover

**For:** Hyundai, Kia  
**DIM:** 128mm OD  
**Replaces:**  
**OE:** 104210-2870  
**Lester:** 11591, 11686  
**Ref:** AN-13148  
**Note:** Late Type



**46-82242**  
SRE Cover

**For:**  
**DIM:**  
**Replaces:**  
**OE:**  
**Lester:**  
**Ref:**  
**Note:**

DE  
SRE  
CLUTCH PULLEY  
Cap & Tool for Clutch Pulley  
Solid PULLEY  
Stator  
Slip Ring  
Rotor  
Rectifier and Parts  
Diode  
Regulator Terminal Block  
Brush Holder and Parts  
Insulator  
Misc. Parts  
B+ Term. Post & Nut  
SRE COVER

# 46-SRE Cover

DE SRE CLUTCH PULLEY Cap & Tool for Clutch PULLEY Solid PULLEY Stator Slip Ring Rotor Rectifier and Parts Diode Regulator Terminal Block Brush Holder and Parts Insulator SRE COVER Misc. Parts B+ Term. Post & Nut Hardware



**46-82243**  
**SRE Cover**

**For:** BMW  
**DIM:** 138mmOD  
**Replaces:**  
**OE:** 104210-607, -654, -660, -669  
**Lester:** 11496, 11629, 11667, 12884  
**Ref:**  
**Note:**



**46-82244**  
**SRE Cover**

**For:** Chevy & GMC Truck  
**DIM:** 138mmOD  
**Replaces:**  
**OE:** 104210-687  
**Lester:** 14009  
**Ref:**  
**Note:**



**46-82245**  
**SRE Cover**

**For:** Saturn  
**DIM:** 128mmOD  
**Replaces:**  
**OE:** 104210-377, -431  
**Lester:** 11062  
**Ref:**  
**Note:** Late Type  
 Similar to 46-82223, but 46-82245  
 with mounting hole

# 10-Bearing & 46-Bearing Retainer Parts



## 10-304240

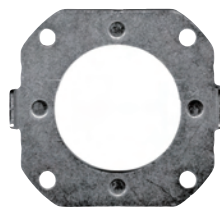
### Bearing-DE Housing

**DIM:** 17mm ID x 52mm OD x 16mm W

**Replaces:** 949100-3330, -4370, -5010

**Ref:** #333

**Note:**



## 46-82003

### Bearing Retainer-DE Housing

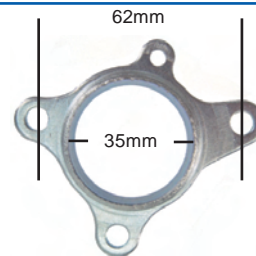
**DIM:** 34mm ID, 53mm OD

M4 Mounting Hole

**Replaces:** 02141-0450

**Ref:** 46-82502, AT-1755

**Note:** Use with screw 84-82008



## 46-82208

### Bearing Retainer-SRE Housing

**DIM:** 35mm ID, 14.5mm Height

62mm Mounting Length

**Lester:** 11063, 12660 (Early), 13871,

13918, 13984, 13988

**Note:** Use 6202 Bearing

Used w/ 22-82084, 22-82085, 22-82086, 22-82087, 22-82088, 22-82089, 22-82093, 22-82094, 22-82095, 22-82098, 22-82099, 22-82101, 22-82102, 22-82106A, 22-82108, 22-82109, 22-82112, 22-82113, 22-82114, 22-82117, 22-82118, 22-82119, 22-82120



## 10-202140S (NSK)

### Bearing-SRE Housing

**DIM:** 15mm ID x 35mm OD x 13mm W

**Replaces:** 949100-2790, -3980, -4440, 949100-5360

**Ref:** #279, 10-2021-4

**Note:** 10-202140K Koyo Brand  
10-202140T NTN Brand



## 46-82039

### Bearing Retainer-DE Housing

**DIM:** 37mm ID, 61.5mm OD

M4 Mounting Hole

**Replaces:** 021411-0570, 021411-0640

**Ref:** 46-82500

**Note:** Use with screw 84-82008



## 46-82023

### Gasket-SRE Bearing Retainer

**DIM:** 40mm ID, 46mm OD

1.5mm Thickness

**Replaces:**

**Ref:** 41-82100

**Note:** Used w/46-82200 Bearing Retainer



## 6-30340K (Koyo)

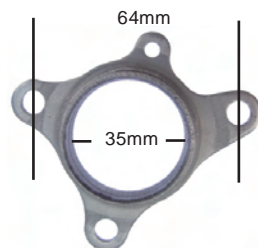
### Bearing-DE Housing

**DIM:** 17mm ID x 47mm OD x 14mm W

**Replaces:** 949100-2790, -3980, -4440, 949100-5360

**Ref:** #6303, 6-303-4

**Note:**



## 46-82200

### Bearing Retainer-SRE Housing

**DIM:** 35mm ID, 14.5mm Height

64mm Mounting Length

**Note:** Use 6202 Bearing

Used w/ 22-82096, 22-82102, 22-82118, 22-82123, 22-82124



## 46-82099

### Wave Washer-SRE Bearing

**DIM:** 24.5mm ID, 35.2mm OD x 1mm T

**Replaces:** 021542-0120, 021542-0160

**Ref:** 46-82802

**Note:** This is close type design, but the function is the same as open type.

Hardware B+ Term. Post & Nut Misc. Parts SRE COVER SRE Insulator Brush Holder and Parts Regulator Terminal Block Diode Rectifier and Parts Rotor Slip Ring Stator Solid Pulley Cap & Tool for Clutch Pulley CLUTCH PULLEY SRE DE



# 46-Misc. Parts

DE  
SRE  
CLUTCH PULLEY  
Gap & Tool for Clutch Pulley  
Solid PULLEY  
Stator  
Slip Ring  
Rotor  
Rectifier and Parts  
Diode  
Regulator Terminal Block  
Brush Holder and Parts  
Insulator  
SRE COVER  
Misc. Parts  
B+ Term. Post & Nut  
Hardware



### 46-82005

#### Cover-SRE Bearing (External)

**DIM:** 15mm ID x 22mm OD x 2.2mm T

**Replaces:**

**Ref:** 46-82700

**Note:**



### 46-82006

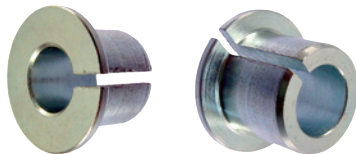
#### Cover-SRE Bearing (External)

**DIM:** 15.4mm ID x 26mm OD x 0.6mm T

**Replaces:**

**Ref:** 46-82701

**Note:**



### 4604-8023

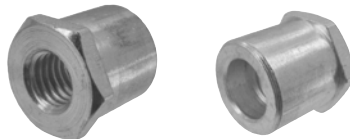
#### Bushing- SRE Housing w/Split Open

**DIM:** 11.5mm ID x 18.3mm OD  
17.7mm OAL

**Replaces:**

**Lester:** 13983

**Note:** used on 22-82085



### 4604-8024

#### Bushing- SRE Housing

**DIM:** M10 x 1.5, 18mm OD  
19mm OAL  
18.9mm Hex Head

**Replaces:**

**OE:** 42100-014, -030, -700

**Lester:** 11063, 11379

**Note:** used on 22-82095, 22-82102



### 4604-8025

#### Bushing- SRE Housing w/Split Open

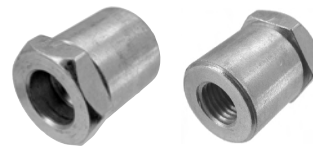
**DIM:** 10mm ID, 18.35mm OD  
17.7mm OAL  
26mm Round Head

**Replaces:**

**OE:**

**Lester:** 13918

**Note:** used on 22-82093



### 4604-8026

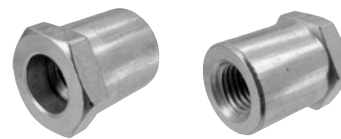
#### Bushing- SRE Housing Hex Head

**DIM:** M10 x 1.5, 18.3mm OD  
22.85mm OAL  
19mm Hex Head

**Replaces:**

**Lester:** 11034, 11088

**Note:** used on 22-82088



### 4604-8027

#### Bushing- SRE Housing

**DIM:** M10 x 1.5, 18mm OD  
23mm OAL  
19mm Hex Head




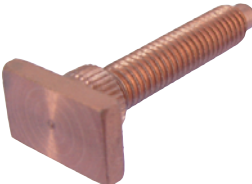


**Replaces:**

**OE:**

**Lester:** 13927

**Note:** used on 22-82094, 22-82101, 22-82110, 22-82112

# 84-B+ Terminal Post (M6)

 <p>Terminal side Post (Side Post Type)</p>  <p>Terminal top Post (Top Post Type)</p>	 <p><b>84-82050</b> <b>Terminal Post- Rectifier</b> <b>Round Head- Top Post</b></p> <p><b>DIM:</b> M6 x 1.0 x 33.2mm L 35mm OAL</p> <p><b>Lester:</b> 13980, 23317</p> <p><b>Ref:</b> W115-177</p> <p><b>Note:</b> Used with Rectifier: 31-82043 (INR429) Nut: 85-82028</p>  <p><b>84-82051</b> <b>Terminal Post- Rectifier</b> <b>Square Head- Side Post</b></p> <p><b>DIM:</b> M6 x 1.0 x 33.7mm L 36.3mm OAL</p> <p><b>Lester:</b> 11032, 11033, 11034, 11084, 11087, 11088, 11136, 11137, 11138, 11139, 11153, 11195, 11385, 11431, 11776, 13984, 13994</p> <p><b>Ref:</b> W115-175</p> <p><b>Note:</b> Used with Rectifier: 31-82045 (INR430), 31- 82052 (INR426) Nut: 85-82027</p>	 <p><b>84-82052</b> <b>Terminal Post- Rectifier</b> <b>Round Head- Top Post</b></p> <p><b>DIM:</b> M6 x 1.0 x 39.7mm L 42.9mm OAL</p> <p><b>Lester:</b> 11003, 11035, 11036, 11037, 11046, 11180, 13919, 13980</p> <p><b>Ref:</b> W115-178</p> <p><b>Note:</b> Used with Rectifier: 31-82050 (INR422) Nut: 85-82029</p>  <p><b>84-82069</b> <b>Terminal Post- Rectifier</b> <b>Round Head- Top Post</b></p> <p><b>DIM:</b> M6 x 1.0 x 28.25mm L 37.75mm OAL</p> <p><b>Lester:</b></p> <p><b>Ref:</b></p> <p><b>Note:</b></p>
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Hardware	B+ Term. Post & Nut	Misc. Pars	SRE COVER	Insulator	Brush Holder and Parts	Regulator Terminal Block	Diode	Rectifier and Parts	Rotor	Slip Ring	Stator	Solid PULLEY	Cap & Tool for Clutch Pulley	CLUTCH PULLEY	SRE	DE
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# 84-B+ Terminal Post (M8)

DE SRE CLUTCH PULLEY Gap & Tool for Clutch PULLEY Solid PULLEY Stator Slip Ring Rotor Rectifier and Parts Diode Regulator Terminal Block and Parts Brush Holder Insulator SRE COVER Misc. Parts B+ Term. Post & Nut Hardware



**84-82053**  
Terminal Post- Rectifier  
Square Head- Side Post

**DIM:** M8 x 1.25 x 35mm L  
38mm OAL

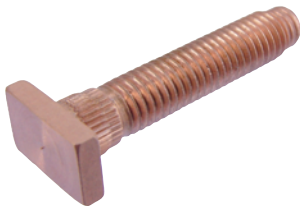
**Lester:**  
**Ref:**  
**Note:**



**84-82055**  
Terminal Post- Rectifier  
Round Head- Top Post

**DIM:** M8 x 1.25 x 43.9mm L  
47mm OAL

**Lester:**  
**Ref:**  
**Note:**



**84-82054**  
Terminal Post- Rectifier  
Square Head- Side Post

**DIM:** M8 x 1.25 x 41mm L  
44.2mm OAL

**Lester:** 11063, 11110, 11114, 11240,  
11243, 11276, 11285, 11294,  
11295, 11296, 11297, 11298

**Ref:** W115-176, AZ-1879A

**Note:** Used with  
Rectifier: 31-82038 (INR421)  
Nut: 85-82026



**84-82056**  
Terminal Post- Rectifier  
Round Head- Top Post

**DIM:** M8 x 1.25 x 45.9mm L  
49mm OAL

**Lester:** 11039, 11040, 11048, 11112,  
11113, 11156, 11179, 11244,  
11369, 11383, 11508, 11513,  
11572, 13867, 13914, 13915,  
13918

**Ref:** W115-179

**Note:** Used with  
Rectifier: 31-82048 (INR432),  
31-82049 (INR420), 31-82051  
(INR424)  
Nut: 85-82034

# 85-Rectifier Nut (M6)



**85-82025**  
Nut-Rectifier  
M6 B+ Terminal

**DIM:** M6 x 1.0 x 17.75mm L  
13.7mm OD

**Lester:**

**Ref:**

**Note:**



**85-82028**  
Nut-Rectifier  
M6 B+ Terminal

**DIM:** M6 x 1.0 x 18.65mm L  
11.6mm OD

**Lester:** 11238, 11776, 13980, 23317

**Ref:** W115-181

**Note:** Used with  
Rectifier:31-82043 (INR429),  
Post: 84-82050



**85-82025-1**  
Nut-Rectifier  
M6 B+ Terminal

**DIM:** M6 x 1.0 x 15mm L  
13.7mm OD

**Lester:**

**Ref:**

**Note:** Can be use as SRE Stud  
Extension



**85-82029**  
Nut-Rectifier  
M6 B+ Terminal

**DIM:** M6 x 1.0 x 11.50mm L  
12.9mm OD

**Lester:** 11003, 11035, 11036, 11037,  
11046, 11180, 13919

**Ref:** W115-182

**Note:** Used with  
Rectifier:31-82042 (INR425),  
31-82050 (INR422)  
Post: 84-82052



**85-82027**  
Nut-Rectifier  
M6 B+ Terminal

**DIM:** M6 x 1.0 x 17.65mm L  
11.8mm OD

**Lester:** 11032, 11033, 11034, 11084,  
11087, 11088, 11136, 11137,  
11138, 11139, 11153, 11195,  
11385, 11386, 11431, 13994.

**Ref:** W115-180

**Note:** Used with  
Rectifier:31-82045 (INR430),  
Post: 84-82051

# 85-Rectifier Nut (M8)

DE SRE CLUTCH PULLEY for Clutch PULLEY Solid PULLEY Stator Slip Ring Rotor Rectifier and Diode Regulator Terminal Block and Parts Brush Holder Insulator SRE COVER Misc. Parts B+ Term. Post & Nut Hardware



**85-82026**  
Nut-Rectifier  
M8 B+ Terminal

**DIM:** M8 x 1.25 x 17.6mm L  
13.7mmOD

**Replaces:**

**OE:** 421000-081

**Lester:** 11063, 11110, 11240, 11243,  
11276, 11294, 11295, 11296,  
11297, 11298, 11378, 13868

**Ref:** W115-183

**Note:** Used with  
Rectifier:31-82038 (INR421),  
Post: 84-82054



**85-82033**  
Nut-Rectifier  
M8 B+ Terminal

**DIM:** M8 x 1.25 x 16.50mm L  
16.5mmOD

**Replaces:**

**OE:** 104210-613

**Lester:** 11328

**Ref:**

**Note:** Used with  
Rectifier:31-82040 (INR440),  
Post:



**85-82035**  
Nut-Rectifier  
M8 B+ Terminal

**DIM:** M8 x 1.25 x 10.5mm L  
15.55mmOD

**Replaces:**

**OE:** 421000-003, -005, -008, -011, -012,  
421000-015, -018, -019, -075

**Lester:** 111054, 11093

**Ref:**

**Note:** Used with  
Rectifier:31-82059 (INR437),  
Post:



**85-82030**  
Nut-Rectifier  
M8 B+ Terminal

**DIM:** M8 x 1.25 x 25.05mm L  
13.65mmOD

**Replaces:**

**OE:**

**Lester:** 11156, 11179, 11508, 11513,  
13918

**Ref:** W115-185

**Note:** Used with  
Rectifier: 31-82058 (INR436),  
Post:



**85-82034**  
Nut-Rectifier  
M8 B+ Terminal

**DIM:** M8 x 1.25 x 21mm L  
13.65mmOD, 14mm Hex

**Replaces:**










**OE:** 421000-003, -005, -008, -011, -012,  
421000-015, -018, -019, -075

**Lester:** 11039, 11040, 11048, 11112,  
11113, 11244, 11383, 11572,  
13867, 13914, 13915, 13923

**Ref:** W115-184

**Note:** Used with  
Rectifier:31-82048 (INR432),  
31-82049 (INR420),  
31-82051 (INR424)  
Post:

# 84-Hardware

 <p><b>84-82001</b> <b>Stud-SRE Housing</b> DIM: M5 x 0.8 x 39mm L 6.7mm Knurl OD Ref: 46-82150, AZ-2707 Note: Used to attached w/SRE Cover</p>	 <p><b>84-82003</b> <b>Screw- Brush Holder, Stator Lead, Rectifier Phillips Pan Head w/Split Lock Washer</b> DIM: M4 x 0.7 x 6mm L Ref: 85-1205 Note: 84-82003 and 84-82005 are the same size</p>	 <p><b>84-82023</b> <b>Screw- SRE Bearing Retainer Phillips Pan Head Split Lock Washer</b> DIM: M4 x 0.7 x 8mm L Ref: 85-1209 Note:</p>
 <p><b>84-82002</b> <b>Stud-SRE Housing</b> DIM: M5 x 0.8 x 35mm L 6.6mm Knurl OD Ref: Note: Used to attached w/SRE Cover</p>	 <p><b>84-82005</b> <b>Screw- Brush Holder, Stator Lead, Rectifier Phillips Fillster Head</b> DIM: M4 x 0.7 x 6mm L Ref: 85-1205 Note: 84-82003 and 84-82005 are the same size</p>	 <p><b>84-82057</b> <b>Thru Bolt- DE to SRE Housing Phillips Hex Waher Head</b> For: Denso Hair Pin Alternators, 104210- &amp; 421000 Series DIM: M5 x 0.8 x 78mm L, 83.5mm OAL Ref: Note: For 128.5mm Stator OD use.</p>
 <p><b>84-82026</b> <b>Stud-SRE Housing</b> DIM: M5 x 0.8 x 40mm L 6.7mm Knurl OD Ref: Note: Used to attached w/SRE Cover</p>	 <p><b>84-82008</b> <b>Screw- DE Bearing Retainer Phillips Pan Head w/Split Lock Washer</b> DIM: M4 x 0.7 x 18mm L Ref: 85-1208 Note:</p>	 <p><b>84-82058</b> <b>Stud-SRE Housing</b> DIM: M5 x 0.8 x 33mm L 6.7mm Knurl OD Ref: Note: Used to attached w/SRE Cover</p>

Hardware  
 B+ Term. Post & Nut  
 Misc. Pars  
 SRE COVER  
 Insulator  
 Brush Holder and Parts  
 Regulator Terminal Block  
 Diode  
 Rectifier and Parts  
 Rotor  
 Slip Ring  
 Stator  
 Solid PULLEY  
 Cap & Tool for Clutch Pulley  
 CLUTCH PULLEY  
 SRE DE

# 84-Hardware

DE SRE CLUTCH PULLEY Cap & Tool for Clutch PULLEY Solid PULLEY Stator Slip Ring Rotor Rectifier and Parts Diode Regulator Terminal Block Brush Holder and Parts Insulator SRE COVER Misc. Parts B+ Term. Post & Nut Hardware



**84-82068**  
Screw-SRE Cover  
Hex Washer Head

**DIM:** M5 x 0.8 x 28mm L  
32.5mm OAL

**OE:** 104210-330

**Lester:** 11776

**Ref:**

**Note:**



**84-82117-D**  
Screw-Brush Holder  
Philips Pan Head  
w/Split Lock Washer

**DIM:** M4 x 0.7 x 10mm L

**Ref:**

**Note:**



**84-82070**  
Screw-Rectifier  
Philips Pan Head  
w/Split lock washer, Flat washer

**DIM:** M4 x 0.7 x 14mm L  
17mm OAL

**Ref:** MS-4014W

**Note:**



**84-82071**  
Thru Bolte- DE to SRE Housing  
Hex Washer Head

**For:** Denso Hair Pin 180-225 Amp

**DIM:** M6 x 1.0 x 90mm L,  
22mm Thread Length, 95mm OAL

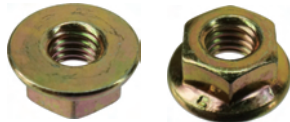
**Ref:** AE-1290F

**Note:** This is for 138mm Case OD use.



**85-82002**  
Flange Nut  
w/Serrated Flange  
Yellow Zinc

**DIM:** M6 x 1.0 x 5.8mm Thick  
**Note:** Used on SRE Cover and B+ Output Terminal.  
Similar to Metro# 85-82002F, except 85-82002F with Unserrated Flange



**85-82002F**  
Flange Nut  
w/Unserrated Flange  
Yellow Zinc

**DIM:** M6 x 1.0 x 5.8mm Thick  
**Note:** Used on SRE Cover and B+ Output Terminal.  
Similar to Metro# 85-82002, except 85-82002 with Serrated Flange



**85-82003**  
Hex Nut  
w/Serrated Flange  
Yellow Zinc

**DIM:** M5 x 0.8 x 4.9mm Thick  
**Note:** Used on SRE Cover.  
Similar to Metro# 85-82003F, except 85-82003F with Unserrated Flange



**85-82003F**  
Flange Nut  
w/Unserrated Flange  
Yellow Zinc

**DIM:** M5 x 0.8 x 4.9mm Thick  
**Note:** Used on SRE Cover.  
Similar to Metro# 85-82003, except 85-82003 with Serrated Flange



**85-82012**  
Flange Nut  
w/Serrated Flange  
Yellow Zinc

**DIM:** M8 x 1.25 x 7.8mm Thick  
**Note:** Similar to Metro# 85-82012F, except 85-82012F with Unserrated Flange  
Zinc Plated please use Metro# 85-82012-1



**85-82012-1**  
Flange Nut  
w/Serrated Flange  
Zinc Plated

**DIM:** M8 x 1.25 x 7.8mm Thick  
**Note:** Similar to Metro# 85-82012F, except 85-82012F with Unserrated Flange



**85-82012F**  
Flange Nut  
w/Unserrated Flange  
Yellow Zinc

**DIM:** M8 x 1.25 x 7mm Thick  
**Note:** Similar to Metro# 85-82012, except 85-82012 with Serrated Flange  
Zinc Plated please use Metro# 85-82012F-1



# 85-Hardware

DE SRE CLUTCH PULLEY Cap & Tool for Clutch PULLEY Solid PULLEY Stator Slip Ring Rotor Rectifier and Parts Diode Regulator Terminal Block and Parts Brush Holder and Parts Insulator SRE COVER Misc. Parts B+ Term. Post & Nut Hardware



**85-82032**  
**Flange Nut**  
**w/Unserrated Flange**  
**Zinc plated**

**DIM:** M16 x 1.50 x 10mm Thick  
**Note:** Pulley Nut



**85-82001F**  
**Flange Nut**  
**w/Unserrated Flange**  
**Zinc plated**

**DIM:** M14 x 1.50 x 10.2mm Thick  
**Note:** Pulley Nut



**85-82013**  
**Flange Nut**  
**w/Serrated Flange**  
**Zinc plated**

**DIM:** M16 x 1.50 x 10.8mm Thick  
**Note:** Pulley Nut



**85-82001F-CCW**  
**Flange Nut**  
**w/Unserrated Flange**  
**Zinc plated**

**DIM:** M14 x 1.50 x 10.2mm Thick  
**OE:** 421000-081  
**Lester:** 11584  
**Note:** CCW Pulley Nut



# OEM Number to Housing Number

OEM#	DE#	SRE#	OEM#	DE#	SRE#	OEM#	DE#	SRE#
104210-111	21-82122	22-82117	104210-429	21-82113	22-82113	104210-687	21-82140	22-82103
104210-124	21-82113	22-82113	104210-430	21-82113	22-82113	104210-811	21-82121	22-82121
104210-145	21-82156	22-82156	104210-431	21-82113	22-82113	104210-823	21-82121	22-82121
104210-146		22-82114	104210-433	21-82128	22-82128	104210-836		22-82148
104210-180	21-82111	22-82111	104210-435	21-82147	22-82147	104210-843	21-82131	22-82131
104210-200	21-82147	22-82147	104210-436	21-82135	22-82135	104211-031	21-82160	22-82160
104210-205	21-82110	22-82110	104210-437	21-82136	22-82136	104211-145	21-82156	22-82156
104210-207	21-82104	22-82101	104210-438	21-82116	22-82137	104211-160	21-82113	22-82113
104210-210	21-82104	22-82101	104210-441	21-82128	22-82128	104211-330	21-82157	22-82157
104210-214	21-82110	22-82110	104210-442	21-82128	22-82128	104211-813	21-82147	22-82147
104210-216	21-82135	22-82135	104210-443	21-82147	22-82147	104211-834	21-82148	22-82148
104210-225	21-82142	22-82142	104210-447	21-82104	22-82101	104211-835	21-82148	22-82148
104210-227	21-82131	22-82131	104210-448	21-82113	22-82113	104211-911	21-82148	22-82148
104210-234	21-82131	22-82131	104210-451	21-82085	22-82085	421000-001	21-82084	22-82084
104210-265	21-82127	22-82127	104210-457	21-82104	22-82101	421000-002	21-82084	22-82084
104210-280	21-82114	22-82114	104210-464	21-82106	121501-2420	421000-004	21-82124	22-82124
104210-287	21-82111	22-82111	104210-468	21-82110	22-82110	421000-005	21-82134	22-82152
104210-289	21-82144	22-82144	104210-469	21-82113	22-82113	421000-010	21-82124	22-82124
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# **Metro Auto Industrial Inc.**

**2128 POMONA BLVD. POMONA,  
CA 91768 U.S.A.**

**TOLL FREE: 800-263-8761**

**Phone: 909-629-2700**

**[www.metroautoinc.com](http://www.metroautoinc.com)**

**[info@metroautoinc.com](mailto:info@metroautoinc.com)**