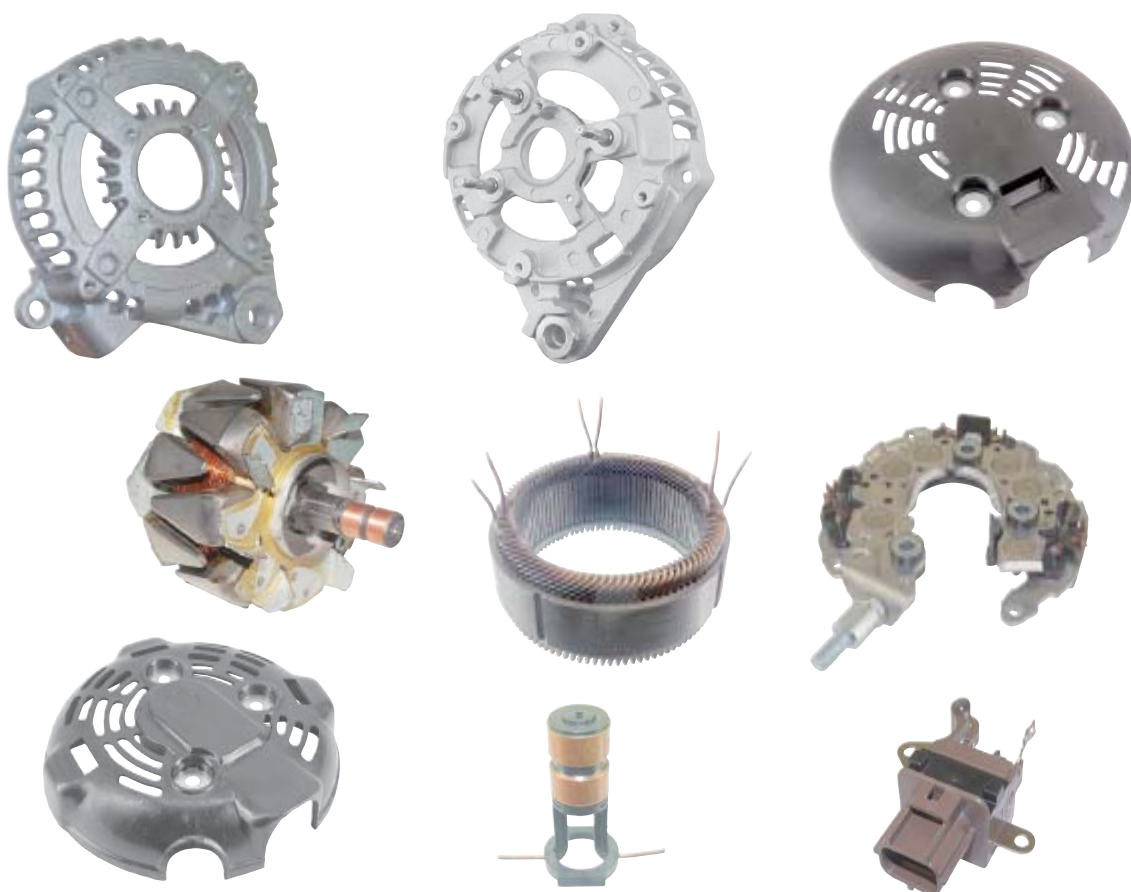


Denso Hair Pin Alternators



Component Parts Catalog



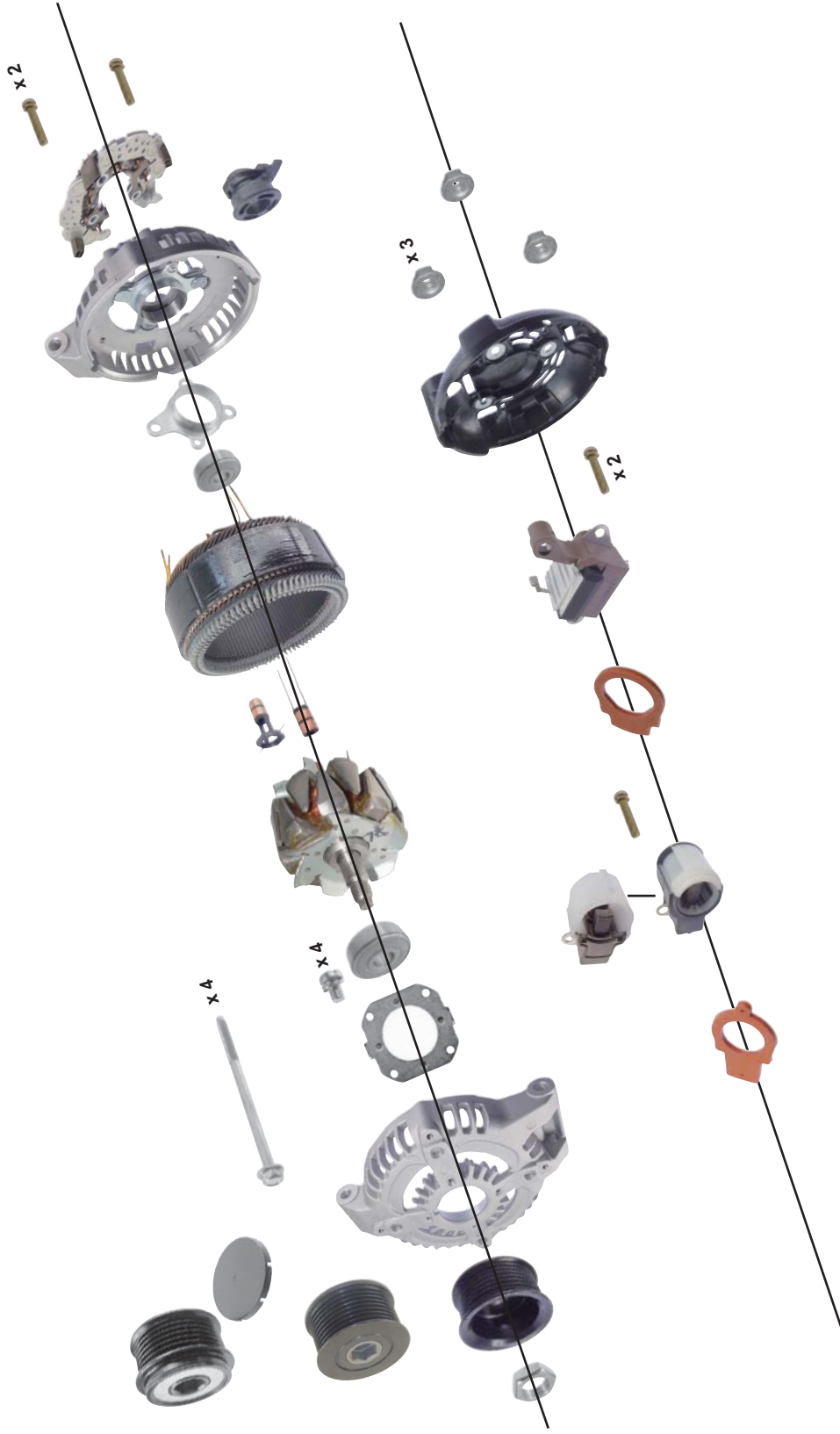
Metro Auto Industrial Inc.

Toll Free: 1-800-263-8761

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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

For: Denso Hair Pin Alternators

Used on: Chrysler, Dodge

Replaces: 121400-2630,
121401-0080

OE: 104210-424, 421000-001,
421000-002, 421000-012,
421000-013, 421000-022, 421000-
049

Lester: 11114, 13870, 13871

Ref: AZ-0378

Note: Bearing use
Bearing Retainer 46-82003
Retainer Screw 84-82008



21-82086 DE Housing

100-130 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Toyota Tacoma, 4Runner

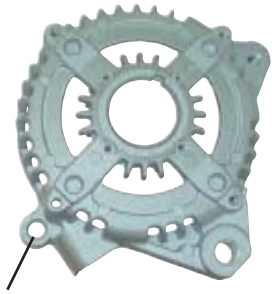
Replaces: 121401-1090

OE: 104210-347, 104210-420,
104210-423, 104210-492+

Lester: 11138, 11139, 11324, 13984

Ref: AT-03280

Note: Bearing use
Bearing Retainer 46-82003
Retainer Screw 84-82008



w/Ear Ring

21-82088 DE Housing

100 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Toyota RAV4

Replaces: 121401-0520

OE: 104210-378, 104210-388,
104210-389, 104210-403,
104210-481

Lester: 11084, 11088, 11034, 11195,
11201

Ref: AT-03295

Note: Bearing use
Bearing Retainer 46-82003
Retainer Screw 84-82008 DE w/
Ear Ring.
wo/Ear Ring please use 21-82097.



21-82085 DE Housing

130-150 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Lexus GX, Toyota 4Runner

Replaces:

OE: 104210-303, 104210-338, 104210-
339, 104210-344,
104210-346, 104210-368, 104210-451,
104210-511, 104210-512

Lester: 11087, 11090, 11153, 11198,
13983, 13992, 13994

Ref: AT-03274

Note: Bearing use
Bearing Retainer 46-82003
Retainer Screw 84-82008



21-82087 DE Housing

105 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Acura, Honda

Replaces: 121401-0920

OE: 104210-329, 104210-473

Lester: 13980

Ref: AH-03113

Note: Bearing use
Bearing Retainer 46-82003
Retainer Screw 84-82008



21-82089 DE Housing

100-150 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on:

Replaces:

OE: 104210-304, 104210-312,
104210-345, 104210-362,
104210-379, 104210-418,
104210-419

Lester: 11032, 11033, 13905,
13927, 13981

Ref: AT-03266

Note: Bearing use
Bearing Retainer 46-82003
Retainer Screw 84-82008

21-Drive End Housing

Photo
Coming Soon

21-82090 DE Housing

140 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Jaguar S-Style, XJ8, XJR..

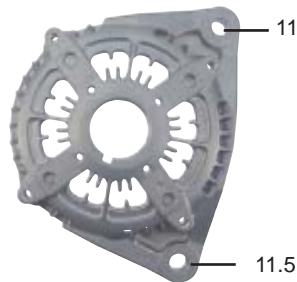
Replaces:

OE: 104210-308

Lester: 13979

Ref: AE-0322

Note: Bearing use
Bearing Retainer
Retainer Screw



21-82096 DE Housing

180-220 Amp, 138.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Dodge Truck

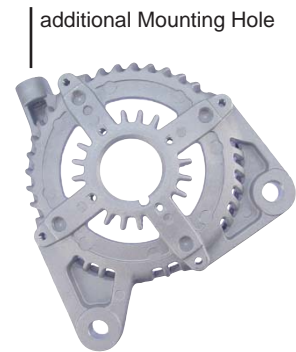
Replaces:

OE: 421000-700, 421000-701

Lester: 11379, 11380

Ref:

Note: Bearing use
Bearing Retainer 46-82039
Retainer Screw 84-82008



21-82098 DE Housing

136 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Chrysler Pacifica

Replaces:

OE: 421000-014, 421000-030

Lester: 11063

Ref: AZ-0395

Note: Bearing use
Bearing Retainer 46-82003
Retainer Screw 84-82008
11296 DE similar to this, but 11296
without the additional Bolt hole.
For 11296 DE, please use 21-82145.



21-82095 DE Housing

130 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Acura MDX, Honda Odyssey

Replaces:

OE: 104210-309

Lester: 13918

Ref: AH-03107

Note: Bearing use
Bearing Retainer 46-82003
Retainer Screw 84-82008



21-82097 DE Housing

100-140 Amp, 128.5mm Stator
OD

For: Denso Hair Pin Alternators

Used on: Toyota Camry, Solara

Replaces:

OE: 104210-479, 104210-481,
104210-533

Lester: 11034, 11195, 11201

Ref:
Note: Bearing use
Bearing Retainer 46-82003
Retainer Screw use 84-82008
DE wo/Ear Ring



21-82099 DE Housing

195 Amp, 138.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Ford E Series Truck

Replaces:

OE: 104210-618

Lester: 11434

Ref:

Note: Bearing use
Bearing Retainer use 46-82003
Retainer Screw use 84-82008

21-Drive End Housing



21-82101
DE Housing
150 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: John Deere
Replaces: 121401-0780
OE: 104210-392
Lester: 12660
Ref:
Note: Bearing use OE# 949100-2820
 Bearing Retainer 46-82039
 Retainer Screw 84-82008



21-82103
DE Housing
140-160 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: Chrysler, Dodge
Replaces:
OE: 421000-025, 421000-026,
 421000-034, 421000-062,
 421000-063
Lester: 11112, 11113, 11382, 11383
Ref: AZ-0392
Note: Bearing use OE# 949100-2820
 Bearing Retainer 46-82039
 Retainer Screw 84-82008



21-82102
DE Housing
145-160 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: Chrysler, Dodge
Replaces:
OE: 421000-021, 421000-041, 421000-
 051, 421000-052, 421000-058, 421000-
 067, 421000-073
Lester: 11297, 11298, 11299, 11378,
 11449, 13988
Ref: AZ-0389
Note: Bearing use OE#
 Bearing Retainer
 Retainer Screw



21-82104
DE Housing
100-150 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: Lexus, Toyota
Replaces:
OE: 104210-209, 104210-214, 104210-
 447, 104210-457, 104210-474, 104210-
 475, 104210-551
Lester: 11136, 11137, 11322, 11323,
 11325, 11326
Ref: AT-03308
Note: Bearing use OE# 949100-2250
 Bearing Retainer
 Retainer Screw



21-82106
DE Housing
150 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: Volvo
Replaces:
OE: 104210-356, 104210-464
Lester: 11054
Ref:
Note: Bearing use OE#
 Bearing Retainer
 Retainer Screw

21-Drive End Housing



21-82107

DE Housing

220 Amp, 138.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: GM Cadillac

Replaces:

OE: 104210-600

Lester: 11181

Ref:

Note: Bearing use OE#
Bearing Retainer
Retainer Screw



21-82109

DE Housing

125 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Ford Truck

Replaces:

OE: 104210-543

Lester: 11291

Ref: AE-0330

Note: Bearing use OE#
Bearing Retainer
Retainer Screw



21-82111

DE Housing

150 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Hyundai, Kia

Replaces:

OE: 104210-287, 104210-581

Lester: 11387, 11524, 11591, 11686

Ref: AN-03148

Note: Bearing use OE#
Bearing Retainer
Retainer Screw



21-82108

DE Housing

150 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Landrover

Replaces:

OE: 104210-3690, 104210-3691,
104210-370

Lester: 11205, 11206, 11569

Ref: AN-03109

Note: Bearing use OE#
Bearing Retainer
Retainer Screw



21-82110

DE Housing

150 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Lexus

Replaces:

OE: 104210-205, 104210-468

Lester: 11196

Ref: AT-03306

Note: Bearing use OE#
Bearing Retainer
Retainer Screw



21-82112

DE Housing

130 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Honda Accord

Replaces:

OE: 104210-589

Lester: 11390

Ref: AH-03132_

Note: Bearing use OE#
Bearing Retainer
Retainer Screw

21-Drive End Housing



21-82113

DE Housing

130 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Acura, Honda

Replaces:

OE: 104210-124, 104210-160, 104210-189, 104210-199, 104210-310, 104210-377, 104210-830, 104210-851, 104210-852, 104210-350, 104210-429, 104210-469, 104210-591, 104210-592, 104210-827, 104210-830, 104210-851, 104210-852

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

Ref: AH-03123

Note: Bearing use OE#
Bearing Retainer
Retainer Screw



21-82114

DE Housing

100 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Pontiac, Scion, Toyota

Replaces:

OE: 104210-548, 104210-549,

Lester: 11385, 11386

Ref: AT-03325

Note: Bearing use OE#
Bearing Retainer
Retainer Screw
11577 can not use this DE, they are different angle.



21-82115

DE Housing

200 Amp, 138.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Ford Truck

Replaces:

OE: 104210-6100, 104210-6103

Lester: 11290

Ref: AE-0331

Note: Bearing use OE#
Bearing Retainer
Retainer Screw



21-82116

DE Housing

130 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Cadillac

Replaces: 121401-0592

OE: 104210-328

Lester: 11003

Ref: AJ-03129

Note: Bearing use OE#
Bearing Retainer
Retainer Screw



21-82117

DE Housing

150 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Ford, Lincoln

Replaces:

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

Lester: 11293, 11430, 11431

Ref: AE-0332

Note: Bearing use OE#
Bearing Retainer
Retainer Screw



21-82118

DE Housing

170 Amp, 138.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Buick, Chevy, GM, Saturn

Replaces:

OE: 104210-616

Lester: 11252

Ref:

Note: Bearing use OE#
Bearing Retainer
Retainer Screw

21-Drive End Housing



21-82119

DE Housing

180 Amp, 138.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Lexus, Toyota

Replaces:

OE: 104210-614

Lester: 11405

Ref:

Note: Bearing use OE#
Bearing Retainer
Retainer Screw



21-82121

DE Housing

80 Amp, mm Stator OD

For: Denso Hair Pin Alternators

Used on: Toyota

Replaces:

OE: 104210-811, 104210-823

Lester: 11194, 11354

Ref:

Note: Bearing use OE#
Bearing Retainer
Retainer Screw
This unit is aluminum SRE Cover
but with Hair Pin Stator.



21-82123

DE Housing

150-160 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Jeep

Replaces:

OE: 421000-036, 421000-055,
421000-066

Lester: 11155, 11241

Ref: AZ-03105

Note: Bearing use OE#
Bearing Retainer
Retainer Screw



21-82120

DE Housing

160 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Chrysler

Replaces:

OE: 421000-075

Lester: 11572

Ref:

Note: Bearing use OE#
Bearing Retainer
Retainer Screw



21-82122

DE Housing

150 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Ford Truck

Replaces:

OE: 104210-111, 104210-586,
104210-597

Lester: 11292, 11432

Ref:

Note: Bearing use OE#
Bearing Retainer
Retainer Screw



21-82124

DE Housing

160 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Chrysler, Dodge, Jeep

Replaces:

OE: 421000-004, 421000-010, 421000-
044, 421000-047, 421000-050,
421000-053

Lester: 11240, 11277, 13912, 13913

Ref: AZ-0376

Note: Bearing use OE#
Bearing Retainer
Retainer Screw

21-Drive End Housing



21-82125
DE Housing

150 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Cadillac

Replaces:

OE: 104210-326

Lester: 11038

Ref:

Note: Bearing use OE#
Bearing Retainer
Retainer Screw



21-82127
DE Housing

100 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Toyota

Replaces:

OE: 104210-263, 104210-265

Lester: 11516, 11519

Ref: AT-03338

Note: Bearing use OE#
Bearing Retainer
Retainer Screw



21-82129
DE Housing

150 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Chrysler, Dodge

Replaces:

OE: 421000-039, 421000-046,
421000-065

Lester: 11286, 11381, 11401

Ref:

Note: Bearing use OE#
Bearing Retainer
Retainer Screw



21-82126
DE Housing

150 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Toyota

Replaces:

OE: 104210-508, 104210-509, 104210-
510

Lester: 11350, 11351, 11352, 11765

Ref: AT-03333

Note: Bearing use OE#
Bearing Retainer
Retainer Screw



21-82128
DE Housing

130-140 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Chevy, Potiac, Saturn

Replaces:

OE: 104210-414, 104210-433,
104210-441, 104210-442

Lester: 11109, 11110, 11140

Ref: AJ-03135

Note: Bearing use OE#
Bearing Retainer
Retainer Screw



21-82130
DE Housing

136 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Buick, Chevy

Replaces:

OE: 104210-422

Lester: 11179

Ref:

Note: Bearing use OE#
Bearing Retainer
Retainer Screw

21-Drive End Housing

Photo
Coming Soon

21-82131 DE Housing

100 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Toyota

Replaces:

OE: 104210-227, 104210-234,
104210-843

Lester: 11402

Ref:

Note: Bearing use OE#
Bearing Retainer
Retainer Screw



21-82133 DE Housing

100 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Toyota

Replaces:

OE: 104210-284

Lester: 11517

Ref:

Note: Bearing use OE#
Bearing Retainer
Retainer Screw



21-82135 DE Housing

150 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Chevy, Potiac

Replaces:

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

Lester: 11035, 11036, 11146, 11156,
11180

Ref: AJ-03120

Note: Bearing use OE#
Bearing Retainer
Retainer Screw



21-82132 DE Housing

160 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Chrysler

Replaces:

OE: 421000-077

Lester: 11570

Ref:

Note: Bearing use OE#
Bearing Retainer
Retainer Screw



21-82134 DE Housing

160 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Chrysler, Dodge

Replaces:

OE: 421000-005, 421000-011,
421000-015, 421000-020,
421000-037

Lester: 11040, 11244, 13914, 13915

Ref:

Note: Bearing use OE#
Bearing Retainer
Retainer Screw



21-82136 DE Housing

140-150 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Buick, Cadillac, Pontiac

Replaces:

OE: 104210-306, 104210-437

Lester: 11178, 13919

Ref: AJ-03100

Note: Bearing use OE#
Bearing Retainer
Retainer Screw

21-Drive End Housing

**Photo
Coming Soon**

**21-82137
DE Housing**

150 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Cadillac

Replaces:

OE: 104210-334

Lester: 11037

Ref: AJ-03122

Note: Bearing use OE#
Bearing Retainer
Retainer Screw



**21-82139
DE Housing**

180 Amp, 138.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Chrysler, Dodge, Jeep

Replaces:

OE: 421000-702, 421000-703

Lester: 11575, 11576

Ref:

Note: Bearing use OE#
Bearing Retainer
Retainer Screw



**21-82141
DE Housing**

220 Amp, 138.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Ford Truck

Replaces:

OE: 104210-627

Lester: 11532

Ref:

Note: Bearing use OE#
Bearing Retainer
Retainer Screw



**21-82138
DE Housing**

130-160 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Chrysler, Dodge

Replaces:

OE: 421000-012, 421000-018, 421000-019

Lester: 11039, 11048, 13923

Ref: AZ-0380

Note: Bearing use OE#
Bearing Retainer
Retainer Screw

**Photo
Coming Soon**

**21-82140
DE Housing**

170 Amp, 138.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Chevy & GMC Truck

Replaces:

OE: 104210-686, 104210-687

Lester: 14009, 14020

Ref:

Note: Bearing use OE#
Bearing Retainer
Retainer Screw
DE w/Ear Ring



**21-82142
DE Housing**

140 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Buick

Replaces:

OE: 104210-225

Lester: 11367

Ref:

Note: Bearing use OE#
Bearing Retainer
Retainer Screw

21-Drive End Housing



21-82143
DE Housing

180-225 Amp, 138.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Ford Truck

Replaces:

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

Lester: 11624, 11627, 11629, 11630

Ref:

Note: Bearing use OE#
Bearing Retainer
Retainer Screw



21-82145
DE Housing

160 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Chrysler, Dodge

Replaces:

OE: 421000-048

Lester: 11296

Ref: AE-03121

Note: Bearing use OE#
Bearing Retainer
Retainer Screw



21-82147
DE Housing

140-150 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Chevy, Cadillac

Replace:

OE: 104210-200, 104210-319, 104210-332, 104210-435, 104210-443, 104210-539, 104210-813

Lester: 11044, 11046, 11369, 11508, 14021

Ref: AJ-03142

Note: Bearing use OE#
Bearing Retainer
Retainer Screw



21-82144
DE Housing

150 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: GM

Replaces:

OE: 104210-541

Lester: 11250

Ref:

Note: Bearing use OE#
Bearing Retainer
Retainer Screw



21-82146
DE Housing

150 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Chrysler, Dodge

Replaces:

OE: 421000-080

Lester: 11574

Ref:

Note: Bearing use OE#
Bearing Retainer
Retainer Screw

**Photo
Coming Soon**

21-82148
DE Housing

150 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Chevy Truck, GMC Truck

Replaces:

OE: 104210-834, 104210-911

Lester: 11785, 14007

Ref: AJ-03179

Note: Bearing use OE#
Bearing Retainer
Retainer Screw

21-Drive End Housing



21-82149 DE Housing

180-220 Amp, 138.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Dodge, Jeep

Replaces:

OE: 421000-704, 421000-705

Lester: 11592, 11598

Ref:

Note: Bearing use OE#
Bearing Retainer
Retainer Screw

**Photo
Coming Soon**

21-82154 DE Housing

150 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Volvo S40

Replaces:

OE: 104210-405

Lester: 11093

Ref: AN-0386

Note: Bearing use OE#
Bearing Retainer
Retainer Screw

**Photo
Coming Soon**

21-82156 DE Housing

150 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Ford Mustang

Replaces:

OE: 104210-297

Lester: 11623

Ref: AE-0381

Note: Bearing use OE#
Bearing Retainer
Retainer Screw



21-82151 DE Housing

100 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Chrysler, Dodge

Replaces:

OE: 421000-

Lester: 11506

Ref:

Note: Bearing use OE#
Bearing Retainer
Retainer Screw



21-82155 DE Housing

160 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Jeep

Replaces:

OE: 421000-081

Lester: 11584

Ref:

Note: Bearing use OE#
Bearing Retainer
Retainer Screw
11584 is a CCW unit.

**Photo
Coming Soon**

21-82157 DE Housing

125 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Toyota

Replaces:

OE: 104211-3301

Lester: 11776

Ref:

Note: Bearing use OE#
Bearing Retainer
Retainer Screw

21-Drive End Housing

**Photo
Coming Soon**

21-82159

DE Housing

130 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Ford

Replaces:

OE: 10421104210-409, 104210-530

Lester: 11238

Ref:

Note: Bearing use OE#

Bearing Retainer

Retainer Screw

22-Slip Ring End Housing



22-82084
SRE Housing
130-160 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on:
Replaces: 021500-7100
OE: 104210-424, 421000-00, 421000-002, 421000-022
Lester: 11114, 13870, 13871
Ref: AZ-0478
Note: Bearing use
 Bearing Retainer 46-82200
 Bushing OE# 021541-1040
 Retainer Screw 84-82023
 SRE Stud 84-82001



22-82086
SRE Housing
100-130 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on:
Replaces:
OE: 104210-347, 104210-420, 104210-423, 104210-492
Lester: 11138, 11139, 11324, 13984
Ref: AT-03280
Note: Bearing use
 Bearing Retainer 46-82200
 Bushing
 Retainer Screw 84-82023
 SRE Stud 84-82001



22-82088
SRE Housing
100 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on:
Replaces:
OE: 104210-378, 104210-388, 104210-389, 104210-403, 104210-479, 104210-481, 104210-488, 104210-533
Lester: 11034, 11084, 11088, 11195, 11201
Ref: AT-04299
Note: Bearing use
 Bearing Retainer 46-82200
 Bushing 4604-8026
 Retainer Screw 84-82023
 SRE Stud 84-82001



22-82085
SRE Housing
130-150 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on:
Replaces:
OE: 104210-338, 104210-339, 104210-344, 104210-451, 104210-512
Lester: 11090, 11153, 11198, 13983, 13992, 13994
Ref: AT-07274
Note: Bearing use
 Bearing Retainer 46-82200
 Bushing 4604-8023
 Retainer Screw 84-82023
 SRE Stud 84-82001



22-82087
SRE Housing
150 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on:
Replaces: 121501-2070
OE: 104210-329, 104210-473
Lester: 13980
Ref: AH-04113
Note: Bearing use
 Bearing Retainer 46-82200
 Bushing
 Retainer Screw 84-82023
 SRE Stud 84-82001



22-82089
SRE Housing
100-150 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on:
Replaces:
OE: 104210-345, 104210-362, 104210-365, 104210-375, 104210-379, 104210-418, 104210-419
Lester: 11032, 11033, 13981
Ref: AT-04275
Note: Bearing use
 Bearing Retainer 46-82200
 Bushing
 Retainer Screw 84-82023
 SRE Stud 84-82001

22-Slip Ring End Housing

Photo
Coming Soon

22-82090
SRE Housing
140 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on:
Replaces:
OE: 104210-308
Lester: 13979
Ref: AN-04100
Note: Bearing use
Bearing Retainer
Bushing
Retainer Screw
SRE Stud 84-82001



22-82093
SRE Housing
130 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on:
Replaces:
OE: 104210-309
Lester: 13918
Ref: AH-04107
Note: Bearing use
Bearing Retainer 46-82200
Bushing 4604-8025
Retainer Screw 84-82023
SRE Stud 84-82001



22-82094
SRE Housing
130 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on:
Replaces:
OE: 104210-304, 104210-312
Lester: 13905, 13927
Ref: AT-04266
Note: Bearing use
Bearing Retainer 46-82200
Bushing 4604-8027
Retainer Screw 84-82023
SRE Stud 84-82001



22-82095
SRE Housing
136 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on:
Replaces:
OE: 421000-014, 421000-030, 421000-048, 412000-056, 421000-070
Lester: 11243, 11294, 11295, 11296, 11063
Ref: AZ-0495, AZ-04106
Note: Bearing use
Bearing Retainer 46-82200
Bushing 4604-8024
Retainer Screw 84-82023
SRE Stud 84-82001

alignment pin



22-82096
SRE Housing
195 Amp, 138.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: Ford Truck
Replaces:
OE: 104210-618
Lester: 11434
Ref:
Note: Bearing use
Bearing Retainer 46-82200
Bushing
Retainer Screw 84-82023
SRE Stud 84-82001
Ford use w/Alignment Pin.
Chevy use wo/Alignment Pin.



22-82098
SRE Housing
150 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: John Deere
Replaces:
OE: 104210-3920 (Early Type)
Lester: 12660
Ref:
Note: Bearing use 949100-2820
Bearing Retainer 46-82200
Bushing
Retainer Screw 84-82023
SRE Stud 84-82001
Late Type use 22-82104

22-Slip Ring End Housing



22-82099
SRE Housing
145-160 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Chrysler, Dodge

Replaces:

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

Lester: 11297, 11298, 11299, 11378, 13988

Ref: AZ-0489

Note: Bearing use

Bearing Retainer

Bushing 4604-8024

Retainer Screw

SRE Stud



22-82101
SRE Housing
100-150 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Lesus, Toyota

Replaces:

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

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

Ref: AT-04308

Note: Bearing use 949100-2820

Bearing Retainer 46-82200

Bushing

Retainer Screw 84-82023

SRE Stud 84-82001



22-82103
SRE Housing
195 Amp, 138.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Ford E-Series Truck

Replaces:

OE: 104210-618, 104210-686, 104210-687

Lester: 11434, 14009, 14020

Ref:

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

Ford use w/Alignment Pin.

Chevy use wo/Alignment Pin.

Reference to 22-82096.



22-82100
SRE Housing
145-160 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Chrysler, Dodge

Replaces:

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

Lester: 11112, 11113, 11382, 11383, 11449

Ref: AZ-0492

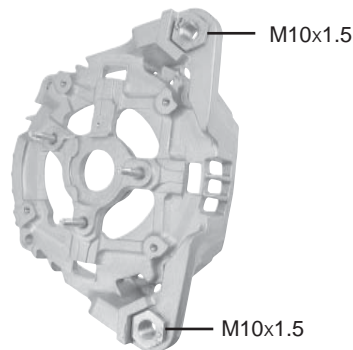
Note: Bearing use 949100-2820

Bearing Retainer 46-82200

Bushing

Retainer Screw 84-82023

SRE Stud 84-82001



22-82102
SRE Housing
180-220 Amp, 138.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Chrysler, Dodge Ram Truck

Replaces:

OE: 421000-700, 421000-701, 421000-714

Lester: 11379, 11380, 11775

Ref:

Note: Bearing use 949100-2820

Bearing Retainer

Bushing 4604-8024

Retainer Screw

SRE Stud

22-Slip Ring End Housing



22-82104 SRE Housing

150 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: John Deere

Replaces:

OE: 104210-3921 (Late Type)

Lester: 12660

Ref:

Note: Bearing use 949100-2820
Bearing Retainer 46-82200
Bushing
Retainer Screw 84-82023
SRE Stud 84-82001
Early Type use 22-82098

**Photo
Coming Soon**

22-82105 SRE Housing

150 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Land Rover

Replaces:

OE: 104210-3690, 104210-3691

Lester: 11206, 11569

Ref:

Note: Bearing use 949100-2820
Bearing Retainer 46-82200
Bushing
Retainer Screw 84-82023
SRE Stud 84-82001

Similar to 22-82108, but not the same.



22-82106A SRE Housing

150 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Volvo

Replaces:

OE: 104210-356,

Lester: 11054

Ref:

Note: Bearing use
Bearing Retainer
Bushing
Retainer Screw
SRE Stud
104210-464 use 22-82106B.

**Photo
Coming Soon**

22-82106B SRE Housing

150 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Volvo

Replaces:

OE: 104210-464

Lester: 11054

Ref:

Note: Bearing use
Bearing Retainer
Bushing
Retainer Screw
SRE Stud
104210-356 use 22-82106A.



22-82107 SRE Housing

220 Amp, 138.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: GM Cadillac

Replaces:

OE: 104210-600

Lester: 11181

Ref:

Note: Bearing use
Bearing Retainer
Bushing
Retainer Screw
SRE Stud

22-Slip Ring End Housing



22-82108
SRE Housing
150 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Landrover

Replaces:

OE: 104210-370

Lester: 11205

Ref: AN-04109

Note: Bearing use

Bearing Retainer

Bushing

Retainer Screw

SRE Stud

11205 & 11206 looks similar but,

11205-5:00 Clocking

11206-12:00 Clocking

Similar to 22-82105, but not the same.



22-82109
SRE Housing
125 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Ford Truck

Replaces:

OE: 104210-543

Lester: 11291

Ref: AE-0430

Note: Bearing use

Bearing Retainer

Bushing

Retainer Screw

SRE Stud



22-82110
SRE Housing
150 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Lexus

Replaces:

OE: 104210-205, 104210-468

Lester: 11196

Ref: AT-04306

Note: Bearing use

Bearing Retainer

Bushing

Retainer Screw

SRE Stud



22-82111
SRE Housing
150 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Hyundai, Kia

Replaces:

OE: 104210-180, 104210-287, 104210-362, 104210-564, 104210-581

Lester: 11387, 11524, 11591, 11686

Ref: AN-04148

Note: Bearing use

Bearing Retainer

Bushing

Retainer Screw

SRE Stud



22-82112
SRE Housing
130 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Honda Accord

Replaces:

OE: 104210-589

Lester: 11390

Ref: AH-04132

Note: Bearing use

Bearing Retainer

Bushing

Retainer Screw

SRE Stud



22-82113
SRE Housing
130 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Honda Accord

Replaces:

OE: 104210-3500, 104210-429, 104210-469, 104210-591, 104210-592

Lester: 11030, 11062, 11099, 11150, 11151, 11391, 11392, 11573, 11600, 11672

Ref: AH-04123

Note: Bearing use

Bearing Retainer

Bushing

Retainer Screw

SRE Stud

22-Slip Ring End Housing



22-82114
SRE Housing
100 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: Toyota
Replaces:
OE: 104210-146, 104210-548, 104210-549,
Lester: 11385, 11386, 11577
Ref: AT-04325
Note: Bearing use
 Bearing Retainer
 Retainer Screw
 SRE Stud



22-82116
SRE Housing
130 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: Cadillac CTS
Replaces: 021500-7111
OE: 104210-328
Lester: 11003
Ref: AJ-04129
Note: Bearing use
 Bearing Retainer
 Bushing
 Retainer Screw
 SRE Stud



22-82118
SRE Housing
170 Amp, 138.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: GM, Chevy, Buick
Replaces:
OE: 104210-616
Lester: 11252
Ref: AJ-04160
Note: Bearing use
 Bearing Retainer
 Bushing
 Retainer Screw
 SRE Stud



22-82115
SRE Housing
200 Amp, 138.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: Ford F-Series Truck
Replaces:
OE: 104210-6100, 104210-6103
Lester: 11290
Ref: AE-0431
Note: Bearing use
 Bearing Retainer
 Retainer Screw
 SRE Stud



22-82117
SRE Housing
150 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: Ford, Lincoln, Mercury
Replaces:
OE: 104210-111, 104210-470, 104210-563, 104210-582, 104210-586
Lester: 11292, 11293, 11430, 11431, 11432
Ref: AE-0432
Note: wo/Mounting Ear
 Bearing use
 Bearing Retainer
 Bushing
 Retainer Screw
 SRE Stud
 Similar to 22-82148, but 22-82148 has Mtg Ear for wire Clip.
 For Big Case 138.5mm, please use 22-82096.



22-82119
SRE Housing
180 Amp, 138.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: Lexus, Toyota
Replaces:
OE: 104210-614
Lester: 11405
Ref:
Note: Bearing use
 Bearing Retainer
 Bushing
 Retainer Screw
 SRE Stud

22-Slip Ring End Housing



22-82120
SRE Housing
160 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: Chrysler
Replaces:
OE: 421000-075
Lester: 11572
Ref:
Note: Bearing use
 Bearing Retainer
 Retainer Screw
 SRE Stud



22-82124
SRE Housing
160 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: Chrysler, Dodge, Jeep
Replaces:
OE: 421000-004, 421000-010, 421000-044, 421000-047, 421000-050, 421000-053, 421000-071
Lester: 11240, 11277, 13912, 13913
Ref: AZ-0476
Note: Bearing use
 Bearing Retainer
 Retainer Screw
 SRE Stud



22-82121
SRE Housing
80 Amp, mm Stator OD
For: Denso Hair Pin Alternators
Used on: Toyota, Tacoma
Replaces:
OE: 104210-811, 104210-823
Lester: 11194, 11354
Ref:
Note: Bearing use
 Bearing Retainer
 Retainer Screw
 SRE Stud
 This unit is aluminum SRE Cover but with Hair Pin Stator.



22-82123
SRE Housing
15-160 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: Jeep
Replaces:
OE: 421000-036, 421000-055, 421000-066
Lester: 11155, 11241
Ref: AZ-04105
Note: Bearing use
 Bearing Retainer
 Retainer Screw
 SRE Stud



22-82125
SRE Housing
150 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: Cadillac STS, SRX
Replaces:
OE: 104210-326
Lester: 11038
Ref: AJ-04127
Note: wo/Mounting Ear
 Bearing use
 Bearing Retainer
 Retainer Screw
 SRE Stud

22-Slip Ring End Housing



22-82126
SRE Housing
150 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: Toyota
Replaces:
OE: 104210-598, 104210-509, 104210-510, 104210-864
Lester: 11350, 11351, 11352, 11765
Ref: AT-04333
Note: Bearing use
 Bearing Retainer
 Retainer Screw
 SRE Stud



22-82128
SRE Housing
130-140 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: Chevy, Pontiac, Saturn
Replaces:
OE: 104210-414, 104210-433, 104210-441, 104210-442
Lester: 11109, 11110, 11140
Ref: AJ-04135
Note: Bearing use
 Bearing Retainer
 Retainer Screw
 SRE Stud



22-82130
SRE Housing
136 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: Buick, Chevy, Pontiac
Replaces:
OE: 104210-422
Lester: 11179
Ref: AJ-04145
Note: Bearing use
 Bearing Retainer
 Retainer Screw
 SRE Stud



22-82127
SRE Housing
100 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: Toyota
Replaces:
OE: 104210-263, 104210-265
Lester: 11516, 11519
Ref: AT-04338
Note: Bearing use
 Bearing Retainer
 Retainer Screw
 SRE Stud



22-82129
SRE Housing
150 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: Chrysler, Dodge
Replaces:
OE: 421000-065
Lester: 11401
Ref:
Note: Bearing use
 Bearing Retainer
 Retainer Screw
 SRE Stud

**Photo
 Coming Soon**

22-82131
SRE Housing
100 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: Toyota
Replaces:
OE: 104210-227, 104210-234, 104210-843
Lester: 11402
Ref:
Note: Bearing use
 Bearing Retainer
 Retainer Screw
 SRE Stud
Ref:

22-Slip Ring End Housing



22-82132
SRE Housing
160 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Crysler, Dodge

Replaces:

OE: 421000-077

Lester: 11570

Ref:

Note: Bearing use
Bearing Retainer
Retainer Screw
SRE Stud



22-82134
SRE Housing
160 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Crysler, Dodge

Replaces:

OE: 421000-015, 421000-020,
421000-037,

Lester: 11040, 11244

Ref: AZ-0487

Note: Bearing use
Bearing Retainer
Retainer Screw
SRE Stud



22-82136
SRE Housing
140-150 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Buick, Cadillac, Pontiac

Replaces:

OE: 104210-306, 104210-437

Lester: 11178, 13919

Ref: AJ-04100

Note: Bearing use
Bearing Retainer
Retainer Screw
SRE Stud



22-82133
SRE Housing
100 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Toyota

Replaces:

OE: 104210-284

Lester: 11517

Ref:

Note: Bearing use
Bearing Retainer
Retainer Screw
SRE Stud



22-82135
SRE Housing
150 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Chevy, Potiac

Replaces:

OE: 104210-330, 104210-331, 104210-
436, 104210-454, 104210-499, 104210-
507,

Lester: 11035, 11036, 11146, 11156,
11180

Ref: AJ-04120

Note: Bearing use
Bearing Retainer
Retainer Screw
SRE Stud



22-82137
SRE Housing
150 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Cadillac

Replaces:

OE: 104210-334

Lester: 11037

Ref: AJ-04122

Note: Bearing use
Bearing Retainer
Retainer Screw
SRE Stud

22-Slip Ring End Housing



22-82138
SRE Housing
130-160 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: Crysler, Dodge
Replaces:
OE: 421000-012, 421000-018, 421000-019
Lester: 11039, 11048, 13923
Ref: AZ-0480
Note: Bearing use
 Bearing Retainer
 Retainer Screw
 SRE Stud



22-82142
SRE Housing
140 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: Buick
Replaces:
OE: 104210-225
Lester: 11367
Ref:
Note: Bearing use
 Bearing Retainer
 Retainer Screw
 SRE Stud



22-82139
SRE Housing
180 Amp, 138.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: Crysler, Dodge, Jeep
Replaces:
OE: 421000-702, 421000-703
Lester: 11575, 11576
Ref:
Note: Bearing use
 Bearing Retainer
 Retainer Screw
 SRE Stud



22-82141
SRE Housing
220 Amp, 138.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: Ford Truck
Replaces:
OE: 104210-627
Lester: 11532
Ref:
Note: Bearing use
 Bearing Retainer
 Retainer Screw
 SRE Stud



22-82143
SRE Housing
180-225 Amp, 138.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: Ford Truck
Replaces:
OE: 104210-622, 104210-634, 104210-660, 104210-667
Lester: 11624, 11627, 11629, 11630
Ref:
Note: Bearing use
 Bearing Retainer
 Retainer Screw
 SRE Stud

22-Slip Ring End Housing



22-82144
SRE Housing
150 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: GM
Replaces:
OE: 104210-541
Lester: 11250
Ref:
Note: Bearing use OE#
 Bearing Retainer
 Retainer Screw



22-82146
SRE Housing
150 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: Chrysler, Dodge
Replaces:
OE: 421000-080
Lester: 11574
Ref:
Note: Bearing use OE#
 Bearing Retainer
 Retainer Screw

**Photo
 Coming Soon**

22-82148
SRE Housing
150 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: Chevy, GMC Truck
Replaces:
OE: 104210-834, 104210-836, 104210-911
Lester: 11785, 11794, 14007
Ref:
Note: w/Mounting Ear
 Bearing use OE#
 Bearing Retainer
 Retainer Screw
 Similar to 22-82117 but 22-82117 wo/
 Mtg Ear for wire Clip.



22-82145
SRE Housing
130 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: Lexus, Toyota
Replaces:
OE: 104210-346
Lester: 11087
Ref:
Note: Bearing use OE#
 Bearing Retainer
 Retainer Screw



22-82147
SRE Housing
140-150 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: Chevy, Cadillac
Replaces:
OE: 104210-200, 104210-319, 104210-332, 104210-539, 104210-813
Lester: 11044, 11046, 11369, 11508, 14021
Ref: AJ-04142
Note: Bearing use OE#
 Bearing Retainer
 Retainer Screw



22-82149
SRE Housing
180-220 Amp, 138.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: Dodge, Jeep
Replaces:
OE: 421000-704, 421000-705
Lester: 11592, 11598
Ref:
Note: Bearing use OE#
 Bearing Retainer
 Retainer Screw

22-Slip Ring End Housing

Photo
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22-82151
SRE Housing
100 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: Chrysler, Dodge
Replaces:
OE: 421000-
Lester: 11506
Ref:
Note: Bearing use OE#
Bearing Retainer
Retainer Screw

Photo
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22-82152
SRE Housing
136-160 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: Dodge Durango
Replaces:
OE: 421000-005, 421000-011
Lester: 13914, 13915
Ref:
Note: Bearing use OE#
Bearing Retainer
Retainer Screw

Photo
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22-82154
SRE Housing
150 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: Volvo S40
Replaces:
OE: 104210-405
Lester: 11093
Ref: AN-0486
Note: Bearing use OE#
Bearing Retainer
Retainer Screw



22-82155
SRE Housing
160 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: Jeep
Replaces:
OE: 421000-081
Lester: 11584
Ref:
Note: Bearing use OE#
Bearing Retainer
Retainer Screw
11584 is a CCW unit.

Photo
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22-82156
SRE Housing
160 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: Ford Mustang
Replaces:
OE: 104210-297
Lester: 11623
Ref: AE-0481
Note: Bearing use OE#
Bearing Retainer
Retainer Screw

Photo
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22-82157
SRE Housing
125 Amp, 128.5mm Stator OD
For: Denso Hair Pin Alternators
Used on: Toyota
Replaces:
OE: 104211-3301
Lester: 11776
Ref:
Note: Bearing use OE#
Bearing Retainer
Retainer Screw

22-Slip Ring End Housing

**Photo
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22-82158

SRE Housing

130 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Lexus

Replaces:

OE: 104210-4000, 104210-4001

Lester: 11197

Ref:

Note: Bearing use OE#

Bearing Retainer

Retainer Screw

**Photo
Coming Soon**

22-82159

SRE Housing

130 Amp, 128.5mm Stator OD

For: Denso Hair Pin Alternators

Used on: Ford

Replaces:

OE: 104210-409, 104210-530

Lester: 11238

Ref:

Note: Bearing use OE#

Bearing Retainer

Retainer Screw

24-Clutch/Decoupler Pulley



24CP-82001 Clutch Pulley 8-Groove

For: Denso Hair Pin Alternators

Used on:

Replaces:

Size: 17mm Bore
60mm OD x 28mm Belt

OE: 421000-051, 421000-351,
421000-700

Lester: 11378, 11379, 11583

Note: OE Take Out. Ref 24-82116



24CP-82003 Clutch Pulley 6-Groove

For: Denso Hair Pin Alternators

Used on: Chrysler, Dodge

Replaces:

Size: 17mm Bore
58mm OD x 20mm Belt
M14 x 1.5 Threaded

OE: 421000-001, 421000-002,
421000-014, 421000-022,
421000-030, 421000-049,
421000-075

Lester: 11063, 13870, 13871

Note: Ref 24-82273, 28581
Cap use 24CP-CAP001



24CP-82005 Clutch Pulley 7-Groove

For: Denso Hair Pin Alternators

Used on: Lexus, Toyota

Replaces:

Size: 17mm Bore
53mm OD
M14 x 1.50

OE: 104210-207, 104210-447,
104210-483

Lester: 11136, 11137, 11196, 11326

Note: Ref 24-82290, 28738
Cap use 24CP-CAP001

**Photo
Coming Soon**

24CP-82002 Clutch Pulley 6-Groove

For: Denso Hair Pin Alternators

Used on:

Replaces:

Size: 17mm Bore
58.5mm OD x 20mm Belt
M14 x 1.5 Threaded

OE: 104210-376

Lester: 23839

Note: Ref 24-82300



24CP-82004 Clutch Pulley 7-Groove

For: Denso Hair Pin Alternators

Used on:

Replaces:

Size: 17mm Bore
55mm OD
M14 x 1.5 Threaded

OE: 104210-479, 104210-481,
104210-488

Lester: 11195, 11201

Note: Ref 24-82291, 28696
Cap use 24CP-CAP001



24DP-82005 Decoupler Pulley 7-Groove

For: Denso Hair Pin Alternators

Used on: Lexus, Toyota

Replaces:

Size: 17mm Bore
53mm OD
M14 x 1.50

OE: 104210-207, 104210-447,
104210-483

Lester: 11136, 11137, 11196, 11326

Note: Ref 24-82290, 28738
Cap use 24CP-CAP001

24-Clutch/Decoupler Pulley



24CP-82006
Clutch Pulley
6-Groove

For: Denso Hair Pin / Valeo

Used on:

Replaces:

Size: 17mm Bore
58.7mm OD
M14 x 1.50

OE: Hyundai 35300-25301,
37300-25310, 37300-2G150,
37300-2G400

Denso 104210-225, 104210-616,
104210-631,

Lester: 11202, 11252, 11367, 11491,
11492

Note: Ref 24-82302, W055-112N
Cap use 24CP-



24CP-82008
Clutch Pulley
6-Groove

For: Denso Hair Pin

Used on:

Replaces:

Size: 17mm Bore
55mm OD
M14 x 1.50

OE: 104210-225, 104210-616,
104210-631,

Lester: 11402, 11577, 14486, 14487,
20359

Note: Ref AT-09336, 24-82289
Cap use 24CP-



24CP-82010
Clutch Pulley
6-Groove

For: Denso Hair Pin

Used on:

Replaces:

Size: 17mm Bore
70.50mm OD
M14 x 1.50

OE: 104210-124

Lester: 11573

Note: Ref AT-09336, 24-82289
Cap use 24CP-



24CP-82007
Clutch Pulley
6-Groove

For: Denso Hair Pin

Used on:

Replaces: 021040-2090

Size: 17mm Bore
51.9mm OD
M14 x 1.50

OE: 421000-075, 421000-077

Lester: 11570, 11572

Note: Ref 24-82322, W055-127N,
28810
Cap use 24CP-



24CP-82009
Clutch Pulley
4-Groove

For: Denso Hair Pin

Used on: Toyota

Replaces:

Size: 17mm Bore
56.2mm OD
M14 x 1.50

OE: 104210-263, 104210-265

Lester: 11516, 11519

Note: Ref 24-822101-4
Cap use 24CP-

**Photo
Coming Soon**

24DP-82010
Decoupler Pulley
6-Groove

For: Denso Hair Pin

Used on:

Replaces:

Size: 17mm Bore
70.50mm OD
M14 x 1.50

OE: 104210-124

Lester: 11573

Note: Ref AT-09336, 24-82289
Cap use 24CP-

24-Clutch/Decoupler Pulley



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

For: Denso Hair Pin

Used on:

Replaces:

Size: 17mm Bore
55mm OD
M14 x 1.50

OE: 104210-124

Lester: 11054, 11093, 20424

Ref: AN-0986, 24-82312

Note: Ref AT-09336, 24-82289
Cap use 24CP-

Photo
Coming Soon

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

For: Denso Hair Pin

Used on:

Replaces: 021040-2340, 021040-2680

Size: 17mm Bore
54mm OD
M14 x 1.50

OE: 104210-190, 104210-196,
104211-817, 104211-834, 104211-911

Lester: 11681, 11682, 11780, 11785,
11795, 14007, 14883

Ref: 24-82330 (OAD)

Note: Cap use 24CP-CAP

Photo
Coming Soon

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

For: Denso Hair Pin

Used on:

Replaces:

Size: 17mm Bore
55.9mm OD

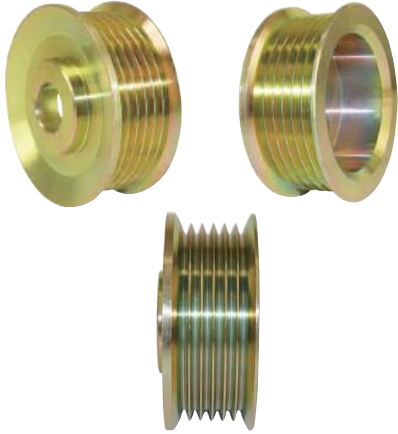
OE: 421000-702, 421000-703

Lester: 11575, 11576

Ref: AZ-09132 (OAP)

Note: Cap use

24-Pulley



24-125Y Pulley 6-Groove

For: Denso Hair Pin Alternators

Used on:

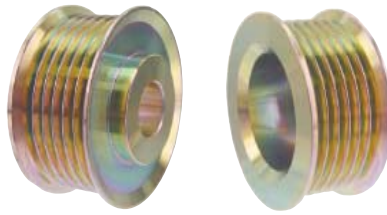
Replaces: 021040-6240, 021041-5530,
021041-7540, 021041-9200

Size: 17mm Bore
65mm OD
21mm Belt Width
A:8.00mm

OE: 100211-8300, 101211-5480,
101211-5490, 101211-5500,
101211-5620, 101211-7170,
101211-7520, 101211-7670,
101211-7750, 101211-7840,
101211-7850, 101211-7851,
101211-9060, 101211-9100,
101211-9600, 101211-9780,
102211-0680, 102211-0681,
102211-0690, 102211-0691,
102211-1710, 121000-2520,
121000-3400, 121000-3520,
121000-3521, 121000-3523,
121000-3660, 121000-4070,
121000-4120, 121000-4122,
121000-4160, 121000-4161,
121000-4231, 121000-4232,
121000-4233, 121000-4270,
121000-4330, 121000-4331,
121000-4332, 121000-4372,
121000-4373, 121000-4510,
121000-4580, 421000-0060,
421000-0061, 421000-0062,
421000-0120, 421000-0121,
421000-0122, 421000-0230

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

Note: Ref 24-82260
Metro# 24-125 (black)
If used on 11030, 11151, need to
use with 46-82098 Specaer
(1mm Thickness).



24-171Y Pulley 6-Groove

For: Denso Hair Pin Alternators

Used on:

Replaces: 021041-6780,
021041-6950

Size: 17mm Bore
58mm OD x 21mm Belt

OE: 100211-8830, 100211-8840,
100211-8841, 101211-5450, 101211-
5560, 101211-5610, 101211-7300,
101211-7301, 101211-7440, 101211-
7450, 101211-7760, 101211-7761,
101211-7800, 101211-7860, 101211-
7861, 101211-9150, 101211-9160,
101211-9350, 101211-9410, 101211-
9710, 101211-9711, 101211-9960,
102211-0590, 102211-0610, 102211-
0650, 102211-0730, 102211-0840,
102211-1620, 102211-3102, 104210-
3040, 104210-3041, 104210-3042,
104210-3043, 104210-3070, 104210-
3320, 104210-3380, 104210-3390,
104210-3440, 104210-3441, 104210-
3450, 104210-3620, 104210-3650,
104210-3651, 104210-3652, 104210-
3750, 104210-3751, 104210-3790,
104210-4090, 104210-4091, 104210-
4350, 104210-4510, 104210-5070,
104210-563, 121000-257, 121000-
3440, 121000-3450, 121000-3452,
121000-3480, 121000-3490, 121000-
3510, 121000-3570, 121000-3580,
121000-3600, 121000-3610, 121000-
3620, 121000-3650, 121000-3670,
121000-3671, 121000-3710, 121000-
3730, 121000-3750, 121000-4530,
421000-0030, 421000-0040, 421000-
0042, 421000-0043, 421000-0100,
421000-0103, 421000-0470

Lester: 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, 12778,
13341, 13442, 13443, 13444, 13545,
13546, 13552, 13578, 13669, 13706,
13715, 13747, 13748, 13756, 13791

(continue)

(continue)

13809, 13822, 13834, 13844, 13856,
13859, 13867, 13869, 13880, 13912,
13913, 13919, 13927, 13956, 13978,
13981, 13983, 13994, 13999

Note: Ref 24-82263



24-184Y Pulley 6-Groove

For: Denso Hair Pin Alternators

Used on:

Replaces:

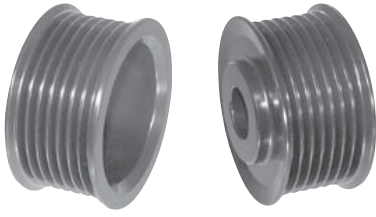
Size: 17mm Bore
55mm OD
21mm Belt Width
A:8mm

OE: 421000-026, 421000-034

Lester: 11116

Note: Ref

24-Pulley



24-222Y
Pulley
7-Groove

For: Denso Hair Pin Alternators
Used on:
Replaces:
Size: 17mm Bore
58mm OD
25mm Belt Width
OE:
Lester: 13354, 13742 13823,
13824, 13988
Note: Ref 24-82269

Photo
Coming Soon

24-305
Pulley
6-Groove

For: Denso Hair Pin Alternators
Used on:
Replaces:
Size: 17mm Bore
60mm OD x 21mm Belt
OE: 100211-630, 101211-702,
104210-306 etc
Lester: 11035, 11036, 11178, 11179,
11180, 11181, 11183, 13331, 13410,
13506, 13547, 13919, 23191
Note: Ref 24-82278



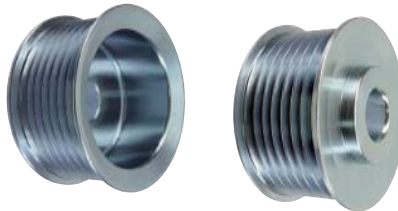
24-319
Pulley
7-Groove

For: Denso Hair Pin Alternators
Used on: Chrysler
Replaces: 021041-9691
Size: 17mm Bore
58mm OD x 24mm Belt
OE: 421000-005, 421000-021m
421000-058
Lester: 11298, 13915, 13988
Note: Ref 24-82306



24-304
Pulley
8-Groove

For: Denso Hair Pin Alternators
Used on: John Deere
Replaces: 021041-7320
Size: 17mm Bore
62.5mm OD x 28mm Belt
A: 9.5mm
OE: 100211-642, 101211-503,
101211-713, 101211-778,
102211-040, 102211-118,
104210-392, 104210-393
Lester: 12193, 12194, 12195, 12474,
12657, 12658, 12660
Note: Ref



24-315
Pulley
7-Groove

For: Denso Hair Pin Alternators
Used on:
Replaces: 121041-0220
Size: 17mm Bore
59.5mm OD x 26mm Belt
OE: 104210-329, 104210-473
Lester: 11034, 11084, 11088, 11390,
13959, 13980, 23192
Note: Zinc Color.
Ref 24-82268
Black use 24-315B.



24-323
Pulley
8-Groove

For: Denso Hair Pin Alternators
Used on:
Replaces:
Size: 17mm Bore
70mm OD
32mm Belt Width
A:9.25mm
OE: 104210-610
Lester: 11290
Note: Ref

24-Pulley



24-325Y Pulley 7-Groove

For: Denso Hair Pin Alternators

Used on:

Replaces:

Size: 17mm Bore
45mm OD
25mm Belt Width
A:8mm

OE:

Lester: 11034*

Note: Similar to 24-315, except...
*This is small OD special made
to replace to 11034.

Cap & Tools for Clutch/Decoupler Pulley



24CP-CAP001
Cap-Clutch Pulley
Snap On Type

For: Denso Hair Pin Alternators

Used on:

Replaces:

Size: 53mm ID x 55mm OD
5mm Height

OE:

Lester:

Ref: AB-09318C

Note: used on:

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



24CP-CAP002
Cap-Clutch Pulley

For: Denso Hair Pin Alternators

Used on:

Replaces:

Size:

OE:

Lester:

Ref: AB-09310C

Note: used on:

24CP-81001, 24CP-81001-1,
24CP-82007, 24CP-91001



TL24-007
Tool-Clutch Pulley
Fine Spline

For:

Used on: 24CP-82

Replaces:

OE:

Lester:

Note:



TL24-008
Tool-Clutch Pulley
Hex Head

For:

Used on: 24CP-82

Replaces:

OE:

Lester:

Note:



TL24-021
Tool Box-Clutch & Decoupler
Pulley

For:

Used on:

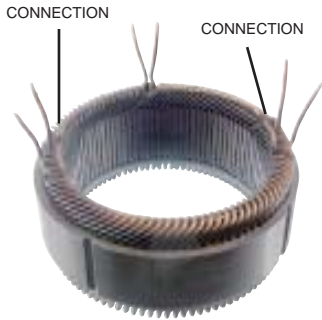
Replaces:

OE:

Lester:

Note: Shafts & Key Nuts cover all
Europe & North American applica-
tions.

27-Stator



27-82018

Stator

100-130 Amp, 128.5mm OD

For: Denso Hair Pin Alternators

Used on:

Replaces:

Size: 100mm ID
128.5mm OD
32mm Thickness

OE:

Lester: 11034

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



27-82020

Stator

170-200 Amp, 138.5mm OD

For: Denso Hair Pin Alternators

Used on:

Replaces:

Size: 109mm ID
138.5mm OD
34.7mm Thickness

OE: 104210-610

Lester: 11252, 11290, 11434, 11598

Note: 6 Lead/2 connections.
Use w/30-82023 Rotor.
Wye Connect



27-82023

Stator

12V, 80 Amp, 110.8mm OD

For: Denso Hair Pin Alternators

Used on:

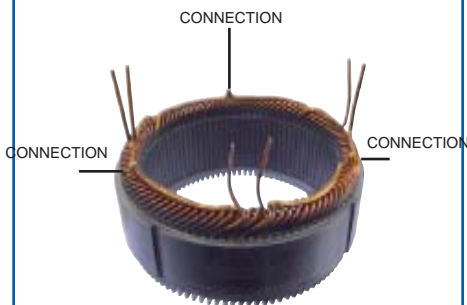
Replaces:

Size: 87mm ID
110.8mm OD
27mm Thickness

OE: 104210-802, 104210-9060

Lester: 23317

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



27-82022

Stator

130-160 Amp, 128.5mm OD

For: Denso Hair Pin Alternators

Used on:

Replaces: 021100-4940

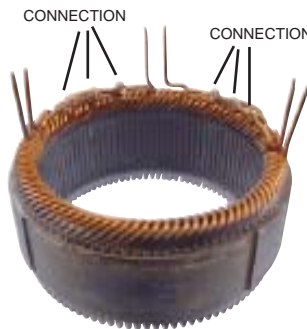
Size: 100mm ID
128.5mm OD
32mm Thickness

OE:

Lester: 11030, 11044, 11094, 11099,
11382, 11383, 11572, 11595,
13868,

13870, 13871, 13980

Note: 6-Lead/3 connections.
Use w/30-82017 Rotor.
Wye Connect



27-82024

Stator

220-225 Amp, 138.5mm OD

For: Denso Hair Pin Alternators

Used on: Dodge, Ford

Replaces: 021100-5480

Size: 109mm ID
138.5mm 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, 20402

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

**Photo
Coming Soon**

27-82025

Stator

12V, Amp, mm OD

For: Denso Hair Pin Alternators

Used on:

Replaces:

Size: 94mm ID
122mm OD
mm Thickness

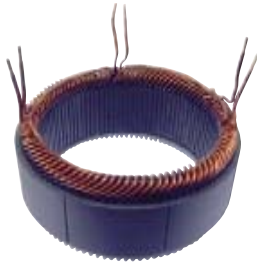
OE:

Lester:

Note: 6-Lead/2-connections.
Use w/30-82026 Rotor.

27-Stator

CONNECTION



27-82026

Stator

12V, Amp, mm OD

For: Denso Hair Pin Alternators

Used on:

Replaces:

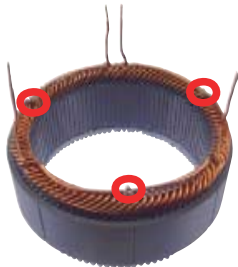
Size: 94mm ID
120mm OD
32mm Thickness

OE:

Lester:

Note: 6 Lead/2 connections.
Use w/Rotor

CONNECTION



27-82027

Stator

12V, Amp, mm OD

For: Denso Hair Pin Alternators

Used on:

Replaces:

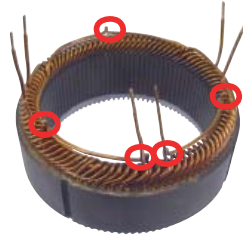
Size: 94mm ID
120mm OD
mm Thickness

OE:

Lester:

Note: 6 Lead/3 connections.
Use w/Rotor

CONNECTION



27-82018-1

Stator

12V, 100-130 Amp, 128.5mm OD

For: Denso Hair Pin Alternators

Used on:

Replaces:

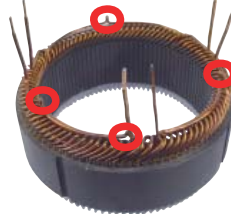
Size: 100mm ID
128.5mm OD
32mm Thickness

OE:

Lester:

Note: 6 Lead/5 connections.
Use w/Rotor

CONNECTION



27-82018-2

Stator

12V, 100-130 Amp, 128.5mm OD

For: Denso Hair Pin Alternators

Used on:

Replaces:

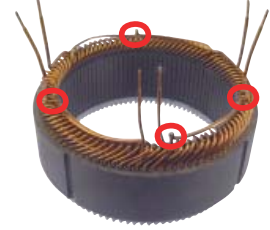
Size: 100mm ID
128.5mm OD
32mm Thickness

OE:

Lester:

Note: 6 Lead/4 connections (middle left).
Use w/Rotor

CONNECTION



27-82018-3

Stator

12V, 100-130 Amp, 128.5mm OD

For: Denso Hair Pin Alternators

Used on:

Replaces:

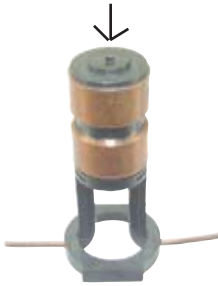
Size: 100mm ID
128.5mm OD
32mm Thickness

OE:

Lester:

Note: 6 Lead/4 connections (middle right).
Use w/Rotor

28-Slip Ring



28-82017-1 Slip Ring

For: Denso Hair Pin Alternators

Used on:

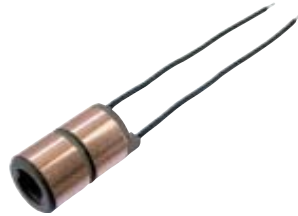
Replaces:

Size:

OE:

Lester: 11033, 11034, 11195,
13870, 13871, 13918, 13919,
13980.. etc

Note: Straight Lead.



28-82012-4 Slip Ring

For: Denso Hair Pin Alternators

Used on:

Replaces:

Size: 7.2mm ID, 15mm OD
75mm/75mm Lead Length

OE:

Lester:

Note: Square Lead.



28-82017-2 Slip Ring Straight Lead

For: Denso Hair Pin Alternators

Used on:

Replaces:

Size:

OE:

Lester: 13867, 13870, 13871

Note: Straight Lead.

Ref: 28-82854

30-Rotor



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

For: Denso Hair Pin Alternators

Used on:

Replaces:

Size: 99.5mm OD x 147mm OAL

OE:

Lester: 11003, 11032, 11034, 11035, 11036, 11039, 11040, 11062, 11087, 11088, 11099, 11136, 11137, 11138, 11139, 11201, 11244, 11324; 11402, 13867, 13868, 13871, 13905, 13912, 13914, 13918, 13919, 13923, 13927, 13963, 13984, 13992

Note: 2.5 ohm. (or 2.6 ohm)
Use w/27-82018 Stator.



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

For: Denso Hair Pin Alternators

Used on:

Replaces: 021200-8580

Size: 99.5mm OD x 147mm OAL

OE: 104210-320, -337, -345, -356, -387, -392, -464, -538; 421000-014, -026, -049, -051, -066, -075

Lester: 11054, 11063, 11113, 11150, 11237,

11241, 11378, 11382, 11383, 11572, 12660, 13870, 13978, 13981

Note: 1.8 ohm.
Use w/27-82022 Stator.



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

For: Denso Hair Pin Alternators

Used on:

Replaces:

Size: 109mm OD

OE: 104210-610, 104210-613

Lester: 11290, 11328

Note: 2.2 ohm.
Use w/27-82020 Stator.



30-82024-1 Rotor-CW 12V, 100-130 Amp

For: Denso Hair Pin Alternators

Used on:

Replaces:

Size: 99.5mm OD x 147mm OAL

OE:

Lester: 11003, 11032, 11034, 11035, 11036, 11039, 11040, 11062, 11087, 11088, 11099, 11136, 11137, 11138, 11139, 11201, 11244, 11324; 11402, 13867, 13868, 13871, 13905, 13912, 13914, 13918, 13919, 13923, 13927, 13963, 13984, 13992

Ref: AT-01275

Note: 2.5 ohm. (or 2.6 ohm)
Use w/27-82018 Stator.

* Same as 30-82024, except.....



30-82018 Rotor-CW 12V, 220 Amp

For: Denso Hair Pin Alternators

Used on:

Replaces: 121200-1960

Size: 109mm OD

OE: 104210-610

Lester: 11290, 11379

Note: 1.8 ohm.
Use w/27-82024 Stator.



30-82025 Rotor-CW 12V, 80 Amp

For: Denso Hair Pin Alternators

Used on:

Replaces:

Size: 86mm OD
142.8mm OAL

OE: 104210-802, 104210-9060

Lester: 23317

Note: Use w/27-82023 Stator.

30-Rotor

**Photo
Coming Soon**

30-82026

**Rotor-CW
12V, Amp**

For: Denso Hair Pin Alternators

Used on:

Replaces:

Size: 93.40mm OD
145mm OAL

OE:

Lester:

Note: Use w/27-82025 Stator.



30-82027

**Rotor-CCW
12V, 160 Amp**

For: Denso Hair Pin Alternators

Used on:

Replaces:

Size: 99.50mm OD
147mm OAL

OE: 421000-081

Lester: 11584

Note: This is a CCW Rotor.

31-Rectifier Repair Parts



31-82208
Rack-Rectifier

For: Denso Hair Pin Alternators

DIM:

Replace:

OE:

Lester:

Used on: 31-82038, 31-82042

Note: Ref INR420, INR421, INR424, INR425, INR426, INR427, INR434, INR437

for Repair Kit 31-82501



31-82210
Rack-Rectifier

For: Denso Hair Pin Alternators

DIM:

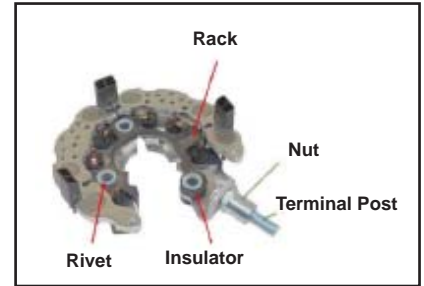
Replace:

OE:

Lester:

Used on:

Note: Ref Toyota Camry for Repair Kit 31-82503



31-82209
Rack-Rectifier

For: Denso Hair Pin Alternators

DIM:

Replace:

OE:

Lester:

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

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



31-82207
Insulator-Rectifier

For: Denso Hair Pin Alternators

DIM:

Replace:

OE:

Lester:

Used on:

Note: Ref



31-82303
Rivet-Rectifier (Brass)

For: Denso Hair Pin Alternators

DIM: 6.9mm ID, 18mm L

Replace:

OE:

Lester:

Used on:

Note: Ref

31-Rectifier Repair Kit



31-82501

Repair Kit-Rectifier

For: Denso Hair Pin Alternators

DIM:

Replace:

OE:

Lester:

Used on: 31-82038, 31-82042

Note: Ref INR420, INR421, INR424, INR425, INR426, INR427, INR434, INR437

Rack Frame from 31-82208



31-82503

Repair Kit-Rectifier

For: Denso Hair Pin Alternators

DIM:

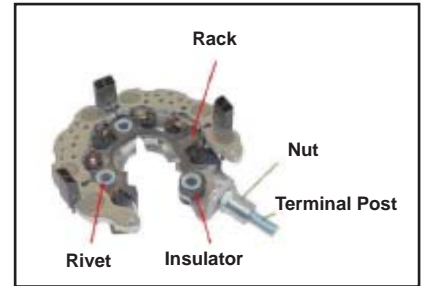
Replace:

OE:

Lester:

Used on:

Note: Ref Toyota Camry.
Rack Frame from 31-82210



31-82502

Repair Kit-Rectifier

For: Denso Hair Pin Alternators

DIM:

Replace:

OE:

Lester:

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

Note: Ref INR423, INR429, INR430, INR431, INR438

Rack Frame from 31-82209

31-Rectifier & Parts



31-82038
Rectifier
 117mm OD, 8mm Side Post
 120-160 Amp, 12 Diodes
 12-40A

For: Denso Hair Pin Alternators
DIM: M8 x 1.25 x 34mm Battery Terminal
Replaces: 021580-5891
OE: 421000-081
Lester: 11030, 11062, 11063, 11093, 11099, 11109, 11114, 11205, 11206, 11291, 11292, 11432, 13868, 13870, 13871, 13912, 13913, 13992
Note: Ref to INR421
 Use 85-82026 (Nut M8x17.75mmL)
 Use 84-82054 (Post, M8x44.2mmOAL)



31-82041
Rectifier
 117mm OD, 8mm Side Post
 100-120 Amp, 7 Diodes

For: Denso Hair Pin Alternators
DIM: M8 x 1.25
Replaces: 021580-5891, 021580-5901, 021580-6381
OE: 421000-022, 42100-023
Lester: 11030, 11062, 11063, 11099, 11110, 11240, 13868, 13870, 13871, 13912, 13913, 13988
Note: Refer to INR423
 Use 17.3mm OAL Nut



31-82043
Rectifier
 117mm OD, 6mm Top Post
 105 Amp, 6 Diodes

For: Denso Hair Pin Alternators
DIM: M6 x 1.0
Replaces: 021580-6490
OE: 104210-329
Lester: 13980
Note: Refer to INR429
 Use 19mm OAL Nut, 85-82028
 Use Bolt 32mmL, 84-82050



31-82040
Rectifier
 134mm OD, 8mm Side Post
 200 Amp, 12 Diodes

For: Denso Hair Pin Alternators
DIM: M8 x 1.25 Battery Terminal
Replaces:
OE: 104210-607, 104210-613
Lester: 11328, 11405, 11496
Note: Ref to INR440
 Use Nut 85-82033
 Use Bolt mmL



31-82042
Rectifier
 117mm OD, 6mm Top Post
 130-140 Amp, 12 Diodes

For: Denso Hair Pin Alternators
DIM: M6 x 1.0
Replaces: 021580-5920
OE:
Lester: 11003, 11035, 11036, 11037, 11044, 11046, 11146, 11180, 11428, 13919, 13978
Note: Ref to INR425
 Use 21mm OAL Nut, 85-82029
 Use Bolt 32mmL, 84-82052



31-82044
Rectifier
 117mm OD, 8mm Side Post
 150 Amp, 12 Diodes

For: Denso Hair Pin Alternators
DIM: M8 x 1.25
Replaces: 021580-6450
OE: 104210-392 (Early Type)
Lester: 12660 (Early Type)
Note: Refer to INR439
 Use mm OAL Nut
 Use Bolt mmL

31-Rectifier & Parts



31-82045

Rectifier
117mm OD, 6mm Side Post
100 Amp, 6 Diodes

For: Denso Hair Pin Alternators

DIM: M6 x 1.0

Replaces: 021580-6610

OE: 104210-362, -378, -388, -389,
-423, -447, -479, -488, -492,
-510, -511, 549, -906

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

Note: Refer to INR430, W065-220

Nut use 85-82027

Bolt use 84-82051



31-82047

Rectifier
117mm OD, 6mm Side Post
130 Amp, 12 Diodes

For: Denso Hair Pin Alternators

DIM: M6 x 1.0

Replaces:

OE: 104210-338

Lester: 13994

Note: Refer to INR442

Post use 84-82051

Nut use 85-82027

12-50A Diodes.



31-82049

Rectifier
117mm OD, 8mm Top Post
130-136 Amp, 12 Diodes

For: Denso Hair Pin Alternators

DIM: M8 x 1.25 x 42mm Batt. Term.

Replaces: 021580-5911, 021580-5931

OE: 421000-003, 421000-005,

421000-011, 421000-012,

421000-0122, 421000-018,

421000-019, 421000-075

Lester: 11039, 11048, 13867, 13914,

13915, 13923

Note: Refer to INR420, W065-200

Post use 84-

Nut use 85-



31-82046

Rectifier
134mm OD, 8mm Top Post
220 Amp, 12 Diodes

For: Denso Hair Pin Alternators

DIM: M8 x 1.25

Replaces:

OE:

Lester: 11251, 11252, 11290, 11576,
11598

Note: Refer INR435

Nut use

Bolt use

24V-50A Non-Avalanche



31-82048

Rectifier
117mm OD, 8mm Top Post
130-160 Amp, 12 Diodes
12-50A

For: Denso Hair Pin Alternators

DIM: M8x1.25

Replaces:

OE: 104210-373; 421000-008, 421000-
066, 421000-075,
421000-077

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

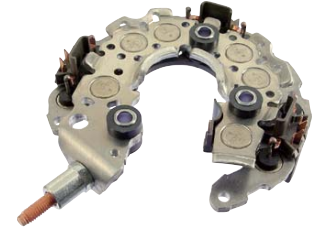
Note: Refer to INR432

Post use 84-82056

Nut use 85-82034

Ref: W065-202

use 31-82042+84-82056+85-82034=31-
82048



31-82050

Rectifier
117mm OD, 6mm Side Post
130 Amp, 12 Diodes

For: Denso Hair Pin Alternators

DIM: M6 x 1.0 x 28mm Batt Term

Replaces: 021580-6520

OE: 104210-365, 104210-366, 104210-
375, 104210-459, 104210-477, 104211-
8092

Lester: 11032, 14072, 20226

Note: Refer to INR422

Post use 84-

Nut use 85-

12-50A Diodes.

31-Rectifier & Parts



31-82051
Rectifier
117mm OD, 8mm Top Post
130 Amp, 12 Diodes

For: Denso Hair Pin Alternators
DIM: M8 x 1.25 x 42mm Batt. Term.
Replaces:
OE: 104210-309, 104210-309,
104210-543, 104210-595
Lester: 11291, 11368, 13918
Note: Refer to INR424
Post use 84-
Nut use 85-



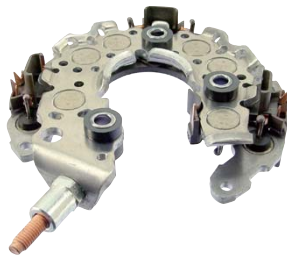
31-82053
Rectifier
117mm OD, 6mm Side Post
130 Amp, 12 Diodes

For: Denso Hair Pin Alternators
DIM: M6 x 1.0
Replaces:
OE:
Lester: 11032, 11033, 11084, 11139,
11198, 11351, 13927, 13984, 23947
Note: Refer to INR427
Post use 84-
Nut use 85-82027

Photo
Coming Soon

31-82055
Rectifier
117mm OD, 8mm Side Post
120 Amp, 7 Diodes

For: Denso Hair Pin Alternators
DIM: M8 x 1.25
Replaces:
OE:
Lester: 23820, 23839
Note: Refer to INR431
Post use 84-
Nut use 85-
European car use



31-82052
Rectifier
117mm OD, 6mm Side Post
120-150 Amp, 12 Diodes

For: Denso Hair Pin Alternators
DIM: M6 x 1.0
Replaces: 021580-6370
OE: 104210-2050, 104210-209,
104210-321, 104210-339, 104210-345,
104210-409, 104210-416, 104210-468,
104210-470, 104210-475, 104210-509,
104210-530, 104210-551, 104210-563
Lester: 11000, 11090, 11196, 11238,
11323, 11326, 11352, 11430, 11431,
13981
Note: Refer to INR426
Post use 84-
Nut use 85-



31-82054
Rectifier
117mm OD, 6mm Top Post
100 Amp, 12 Diodes

For: Denso Hair Pin Alternators
DIM: M6 x 1.0
Replaces:
OE: 104210-153, 104210-329, 104210-
516
Lester: 11154, 11604, 13980
Note: Refer to INR428
Post use 84-
Nut use 85-



31-82056
Rectifier
117mm OD, 8mm Side Post
130 Amp, 12 Diodes

For: Denso Hair Pin Alternators
DIM: M8 x 1.25
Replaces:
OE:
Lester: 11030, 11062, 11140, 11150,
11151, 11197, 11391, 11392, 24028
Note: Refer to INR433
Post use 84-
Nut use 85-
European car use

31-Rectifier & Parts

**Photo
Coming Soon**

31-82057

**Rectifier
117mm OD, 8mm Side Post
140 Amp, 12 Diodes**

For: Denso Hair Pin Alternators

DIM: M8x1.25

Replaces: 021580-7451

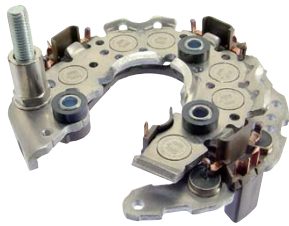
OE: 104210-233, 104210-424,
104210-424, 104210-596,
421000-038, 421000-041,
421000-047, 421000-051,
421000-052, 421000-053,
421000-054, 421000-054,
421000-056, 421000-059,
421000-070

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

Note: Refer to INR434

Post use 84-820

Nut use 85-82



31-82058

**Rectifier
117mm OD, 8mm Top Post
135-155 Amp, 12 Diodes**

For: Denso Hair Pin Alternators

DIM: M8 x 1.25

Replaces:

OE:

Lester: 11156, 11178, 11179, 11250,
11369

Note: Refer to INR436

Post use 84-

Nut use 85-

**Photo
Coming Soon**

31-82059

**Rectifier
117mm OD, 8mm Top Post
150 Amp, 12 Diodes**

For: Denso Hair Pin Alternators

DIM: M8 x 1.25

Replaces:

OE:

Lester: 23821, 24047

Note: Refer to INR437

Post use 84-

Nut use 85-

European car use

**Photo
Coming Soon**

31-82060

**Rectifier
105mm OD, 6mm Side Post
80 Amp, 6 Diodes**

For: Denso Hair Pin Alternators

DIM: M6 x 1.0

Replaces:

OE:

Lester: 23371

Note: Refer to INR438

Post use 84-

Nut use 85-

32-Diodes



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

For: Denso Hair Pin Alternators
Used on:
Replaces:
OE:
Lester:
Note: Green, for higher amp use.
Avalanche Diodes.

**Photo
Coming Soon**

32-91700A-N
Diodes-Negative
20-24V/70A
13mm Press Fit

For: Denso Hair Pin Alternators
Used on:
Replaces:
OE:
Lester:
Note: Avalanche Diodes.



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

For: Denso Hair Pin Alternators
Used on:
Replaces:
OE:
Lester:
Note: Red, for higher amp use.
Avalanche Diodes.

**Photo
Coming Soon**

32-91700A-P
Diodes-Positive
20-24V/70A
13mm Press Fit

For: Denso Hair Pin Alternators
Used on:
Replaces:
OE:
Lester:
Note: Avalanche Diodes.

35-Regulator



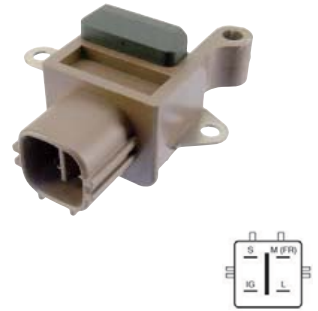
35-82084
Regulator
Oval, 3-Pins
BVS-RC-LI

For: Denso Hair Pin Alternators
Used on:
Replaces: 126600-3430, 126600-3460
OE:
Lester: 11290, 11291, 11431, 23820, 23821, 23839
Ref: IN6343
Note:



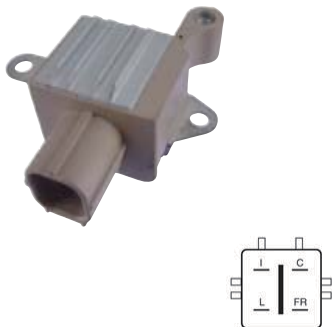
35-82087
Regulator
Oval, 3-Pins
150 Amp, S-IG-L

For: Denso Hair Pin Alternators
Used on:
Replaces: 126600-0011
OE: 104210-303, 104210-392; 421000-008*
Lester: 12660, 13992, 23830
Ref: IN6001
Note: * this is Chrysler Minivans.



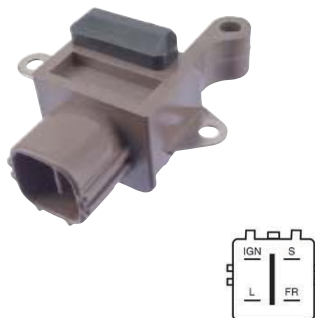
35-82089
Regulator
Square, 4-Pins
Amp, S-IG-L-M (FR)

For: Denso Hair Pin Alternators
Used on:
Replaces: 126600-3000
OE: 104210-205, 104210-347, 104210-420, 104210-423, 104210-487, 104210-492, 104210-514
Lester: 11138, 11139, 11196, 11324, 13984, 24110
Ref: IN6300, AT-10276, W085-291
Note: Without LRC.



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

For: Denso Hair Pin Alternators
Used on:
Replaces: 126600-3660
OE: 104210-589
Lester: 11390
Ref: IN6343
Note:



35-82088
Regulator
Square, 4-Pins
150 Amp, IG-S-L-M (FR)

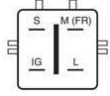
For: Denso Hair Pin Alternators
Used on:
Replaces: 126600-3010
OE: 104210-345, -362, -365, -375, -379, -388, -389, -403, -418, -419
Lester: 11032, 11033, 11034, 11084, 11088, 11195, 11326, 11350, 11351, 11352, 11385, 11386, 11402, 11404, 13981
Ref: IN6301
Note: L-Terminal no Output



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

For: Denso Hair Pin Alternators
Used on:
Replaces: 126600-3150
OE: 104210-350, 104210-430, 104210-469
Lester: 11030, 11150, 11151
Ref: IN6315
Note:

35-Regulator



35-82092
Regulator
Square, 4-Pins
12V, Amp, S-IG-L-M (FR)

For: Denso Hair Pin Alternators
Used on:
Replaces: 126600-3230
OE: 104210-447, 104210-457
Lester: 11136, 11137
Ref: IN6323, W085-292, AT-10308
Note: wo/LRC



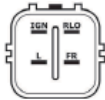
35-82095
Regulator
, -Pins
12V, Amp,

For: Denso Hair Pin Alternators
Used on:
Replaces: 126600-4200
OE:
Lester:
Ref:
Note:



35-82100
Regulator
Square, 4-Pins
12V, Amp,

For: Denso Hair Pin Alternators
Used on:
Replaces: 126600-3531
OE:
Lester:
Ref:
Note:



35-82093
Regulator
Square, 4-Pins
12V, Amp, IG-RLO-L-M

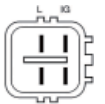
For: Denso Hair Pin Alternators
Used on:
Replaces: 126600-3220
OE: 104210-209, 104210-474,
104210-475
Lester: 11322, 11323
Ref: IN6322
Note:



35-82097
Regulator
, -Pins
12V, Amp,

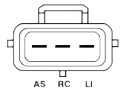
For: Denso Hair Pin Alternators
Used on:
Replaces: 126600-4210
OE:
Lester:
Ref:
Note:

Photo
Coming Soon



35-82101
Regulator
Square, 4-Pins
12V, Amp, IG-S-L-M(FR)

For: Denso Hair Pin Alternators
Used on: Lexus, Toyota
Replaces: 126600-0150
OE: 104210-338, 104210-339,
104210-344, 104210-346,
104210-393, 104210-400,
104210-451, 104210-511,
104210-802
Lester: 11087, 11090, 11153, 11197,
11198, 13983, 13994, 23317
Ref: IN6015
Note:



35-82094
Regulator
Oval, 3-Pins
12V, Amp, BVS-RC-LI

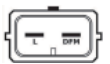
For: Denso Hair Pin Alternators
Used on: Ford, Lincoln, Land Rover
Replaces: 126600-3950, 126600-7140
OE: 104210-370, 104210-409,
104210-470, 104210-530
Lester: 11205, 11238, 11430
Ref: IN6601
Note:



35-82099
Regulator
Square, 4-Pins
12V, Amp, C-FR-IG-L

For: Denso Hair Pin Alternators
Used on: Honda Accord, Element
Replaces: 126600-0140,
126600-3200, 126600-3350
OE: 104210-329, 104210-473
Lester: 13980
Ref: IN6335
Note:

Photo
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35-82102
Regulator
Square, 2-Pins
12V, Amp, L-DFM

For: Denso Hair Pin Alternators
Used on: Jeep
Replaces: 126600-3531
OE: 104210-317, 104210-324,
104210-424
Lester: 11114, 23229
Ref: IN317
Note: I

35-Regulator



35-82103
Regulator
Square, 4-Pins
12V, Amp, NC-NC-L-FR

For: Denso Hair Pin Alternators
Used on: Saturn
Replaces: 126600-3080
OE: 104210-377, 104210-431
Lester: 11062
Ref: IN6308
Note: L-No Output.

Photo
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35-82106
Regulator
Square, 4-Pins, (to Top)
12V, Amp, IG-C-L-FR

For: Denso Hair Pin Alternators
Used on: Acura, Honda
Replaces: 126600-0040, 126600-0042
OE: 104210-309
Lester: 13918
Ref: IN6004
Note:

Photo
Coming Soon

35-82109
Regulator
Square, 4-Pins, (to Top)
12V, Amp, IG-RLO-L-M

For: Denso Hair Pin Alternators
Used on: Lexus, Toyota
Replaces: 126600-3020, 126600-3320
OE: 104210-474
Lester: 11021, 11322, 11323, 11328, 23947
Ref: IN6302
Note:

Photo
Coming Soon

35-82104
Regulator
Oval, 3-Pins, (to Side)
12V, Amp, S-IG-L

For: Denso Hair Pin Alternators
Used on: Lexus, Toyota
Replaces: 126600-0022, 126600-0023
OE: 104210-304, 104210-312
Lester: 13905, 13927
Ref: IN6002
Note:



Photo
Coming Soon

35-82107
Regulator
Oval, 2-Pins
12V, Amp, F-L

For: Denso Hair Pin Alternators
Used on: Buick, Cadillac, Chevy, Pontiac
Replaces: 126600-0090
OE:
Lester: 11003, 11036, 11146
Ref: IN6009
Note:



35-82110
Regulator
Oval, 2-Pins, (to Top)
12V, Amp, F-L

For: Denso Hair Pin Alternators
Used on: Buick, Cadillac, Chevy, GMC, Pontiac, Saturn
Replaces: 126600-3240, 126600-3440
OE:
Lester: 11044, 11046, 11110, 11140, 1117, 11179, 11180, 11181, 11248, 11251, 11252, 11369
Ref: IN6324
Note:



35-82105
Regulator
Oval, 3-Pins
12V, Amp, S-F-L

For: Denso Hair Pin Alternators
Used on: Buick, Cadillac, Pontiac
Replaces: 126600-0030, 126600-0031
OE: 104210-330, 104210-454
Lester: 11035, 13919
Ref: IN6003
Note:

Photo
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35-82108
Regulator
Oval, 3-Pins
12V, Amp, S(AS)-L(IG)-AM(LI)

For: Denso Hair Pin Alternators
Used on: Ford, Lincoln
Replaces: 126600-0110
OE: 104210-321, 104210-416
Lester: 11000, 13978
Ref: IN6011
Note:



35-Regulator



**Photo
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**35-82111
Regulator
Oval, 2-Pins, (to Top)
12V, Amp, F-L**

For: Denso Hair Pin Alternators
Used on: Chevy, Pontiac, Saturn
Replaces: 126600-3290
OE: 104210-216, 104210-289, 104210-456, 104210-507, 104210-525, 104210-538, 104210-541
Lester: 11156, 11183, 11237, 11250
Ref: IN6329
Note: for GM RVS system

**Photo
Coming Soon**



**35-82112
Regulator
Oval, 3-Pins
12V, Amp, LI-RC-BVS**

For: Denso Hair Pin Alternators
Used on: Land Rover
Replaces: 126600-3490
OE: 104210-369, 104210-371
Lester: 11206, 24028
Ref: IN6349
Note:



**35-82113
Regulator
Square, 4-Pins, (to Top)
12V, Amp, IG-C-L-FR**

For: Denso Hair Pin Alternators
Used on: Honda
Replaces: 126600-3650
OE: 104210-591
Lester: 11392
Ref: IN6365
Note:



**Photo
Coming Soon**

**35-82117
Regulator
Oval-3 Pins
12V, Amp, AS-RC-LI**

For: Denso Hair Pin Alternators
Used on: Ford, Mercury
Replaces:
OE:
Lester: 11368, 11427, 11428, 11433, 11526, 11532, 11625, 11627, 11628, 11629, 11664, 11665, 14019-1, 14020
Ref: AE-1047, VRH2005-177
Note: PCM



**35-82116
Regulator
Single-Pins
12V, Amp,**

For: Denso Hair Pin Alternators
Used on: Acura, Honda
Replaces: 126600-3970
OE: 104210-149, 104210-153
Lester: 11604, 11768
Ref: AH-10138, VRH2005-190
Note: Single Pin LIN Control

46-Terminal Block



46-82172
Terminal Block

For: Denso Hair Pin Alternators
Used on:
Replaces:
OE: 421000-081
Lester: 11241, 11243, 11285, 11294, 11295, 11296, 11297, 11298, 11378, 11379, 11449
Note: Ref to 46-82208



46-82214
Terminal Block

For: Denso Hair Pin Alternators
Used on:
Replaces: 126220-0230
OE: 421000-014, 421000-030
Lester: 11063
Note: Ref to 46-82205

**Photo
Coming Soon**

46-82233
Terminal Block

For: Denso Aluminum Type Alternators
Used on: Dodge
Replaces:
OE:
Lester: 11094
Note: Ref to 46-82206



46-82198
Terminal Block

For: Denso Hair Pin Alternators
Used on:
Replaces: 126220-0180
OE: 421000-001- 421000-002, 421000-003
Lester: 13867, 13870, 13871
Note: Ref to 46-82203, INP421



46-82215
Terminal Block

For: Denso Hair Pin Alternators
Used on:
Replaces: 126220-0190, 126220-0191
OE: 421000-010
Lester: 11039, 11040, 11048, 11112, 11113, 13912, 13913, 13914, 13915, 13923
Note: Ref to INP420

**Photo
Coming Soon**

46-82234
Terminal Block
F(FLD), B+ Terminal

For: Denso Aluminum Type Alternators
Used on: Jeep
Replaces:
OE:
Lester: 11242
Note: Ref to 46-82209



46-82201
Terminal Block

For: Denso Hair Pin Alternators
Used on: Chrysler, Dodge
Replaces:
OE: 421000-047, 421000-053, 42000-062, 421000-063, 421000-075, 421000-702, 421000-704
Lester: 11240, 11276, 11382, 11383, 11572, 11575, 11598
Note: Ref to 46-82207



46-82217
Terminal Block

For: Denso Hair Pin Alternators
Used on:
Replaces:
OE: 104210-405, 421000-006, 421000-021, 421000-036
Lester: 11093, 11155, 13868, 13988
Note: Ref to 46-82204

46-Terminal Block

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Manufacturers and Supplier names and their part numbers are for reference use only.

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



38-82001

Brush-Brush Holder

For: Denso Hair Pin Alternators
DIM: 5mm T x 7mm W x 15mm L x 48mm LL

Replaces:

OE:

Lester:

Note: Used on most Denso Brush Holder
 Ref to 38-8201, AT-05325A



39-82007

Brush Holder Assy Early Type

For: Denso Hair Pin Alternators

Used on:

Replaces: 021620-3001

OE:

Lester:

Note: Used w/41-82007 Gasket (Seals)
 Ref to 39-8207



39-82008

Brush Holder Assy Late Type

For: Denso Hair Pin Alternators

Used on:

Replaces: 021620-3020

OE:

Lester: 11032, 11034, 11044, 11046, 11062, 11088, 11109, 11136, 11137, 11138, 11140, 11146, 11156, 11179, 11180, 11201, 11240, 11244, 11382, 11383, 11430, 11431, 11508, 11513, 11776, 12660 (Late), 13868, 13870, 13871, 13980

Note: Ref to 39-8206



39-82008-1

Brush Holder Assy Late Type

For: Denso Hair Pin Alternators

Used on:

Replaces:

OE: 104210-304, 104210-314, 104210-409; 421000-001, 421000-006

Lester: 11238, 11382, 11383, 13927, 13963,,13868, 13871

Note: Ref to

Photo Coming Soon

39-82008-2

Brush Holder Assy Late Type

For: Denso Hair Pin Alternators

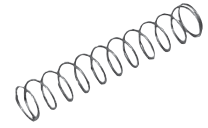
Used on:

Replaces:

OE:

Lester: 11572

Note: Ref to



39-82005

Spring-Brush Holder

For: Denso Hair Pin Alternators

DIM: 0.35 x 38mm L

Replaces:

OE:

Lester: 11063, 11116; 12066, 179, 180, 182, 183, 184, 187, 189, 190, 192, 195, 196, 198, 199, 204, 205, 209, 210, 270, 346; 13184, 185, 214, 220, 229, 234, 239, 240, 241, 245, 252, 255, 256, 276, 277, 278, 280, 294, 301, 302, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 316, 319, 321, 322, 323, 325, 331, 338, 339, 341, 353, 354, 383, 384, 385, 386, 387, 388, 389, 390, 391, 393, 394, 395, 396, 397, 398, 407, 408, 409, 410, 413, 414, 419, 423, 424, 440, 442, 443, 444, 453, 454, 455, 456, 457, 481, 482, 485, 486, 487, 489, 492, 495, 496, 497, 498, 499, 501, 502, 503, 506, 507, 509, 512, 519, 521, 522, 524, 525, 529, 537, 538, 539, 540, 545, 546, 547, 548, 551, 552, 553, 556, 557, 558, 562, 569, 578, 592, 593, 594, 659, 668, 669, 670, 671, 673, 674, 675, 677, 679, 680, 684, 685, 687, 688, 690, 705, 706, 711, 714, 715, 722, 732, 737, 738, 740, 741, 742, 743, 746, 747, 748, 754, 755, 756, 763, 765, 766, 767, 769, 776, 790, 791, 794, 806, 809, 822, 823, 824, 834, 842, 844, 856, 858, 867, 868, 869, 870, 871, 873, 874, 878, 879, 880, 885, 896, 906, 910, 912, 913, 914, 919, 923, 964; 14449, 453, 454, 455, 457, 458, 460, 472, 611, 643, 668, 671, 674, 678, 679, 680, 682, 683, 684, 732, 733, 739, 755, 756, 757, 759, 843, 847, 849, 851, 852, 855, 857, 869, 870, 872, 926, 930, 931, 935, 937, 939, 940, 941, 974, 989

Note: Used w/39-82001, 39-82002, 39-82003, 39-82007, 39-82008, 39-82009
 Ref to 39-82700

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



39-82010

Cover-Brush Holder Early Type use

For: Denso Hair Pin Alternators

Used on:

Replaces:

OE:

Lester:

Ref:

Note: Used on 39-82007 Early Type
Brush Holder
Ref to



39-82011

Cover-Brush Holder Late Type use

For: Denso Hair Pin Alternators

Used on:

Replaces:

OE:

Lester:

Ref: AT-06274C

Note: Used on 39-82008, 39-82008-1
Late Type Brush Holder
Ref to 46-82483

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



41-82003

Seal-Brush Holder 80-120 Amp Alternators

For: Denso Hair Pin Alternators
DIM: 19mm ID, 26mm W, 35mm OL
Replaces: 021626-0080,
 021626-0190

OE:

Lester: 12066, 12194, 12195, 13252,
 13276, 13278, 13321, 13323,
 13325, 13506, 13507, 13857,
 13878... etc

Note: Orange Color.

For thinner use 41-82008.



41-82008

Gasket-Brush Holder 80-160 Amp Alternators

For: Denso Hair Pin Alternators
DIM: 19mm ID, 26mm W, 35mm OL
 1mm Thickness
Replaces: 021626-0080,
 021626-0190

OE:

Lester: 12066, 12194, 12195, 13252,
 13276, 13278, 13321, 13323,
 13325, 13506, 13507, 13857,
 13878... etc

Note: Orange Color.

For thicker use 41-82003.



41-82007

Gasket-Brush Holder 120-160 Amp

For: Denso Hair Pin Alternators
Used on:

Replaces: 021626-0510
OE: 104210-303, 104210-306,
 104210-307, 104210-309,
 104210-328, 104210-344,
 104210-347, 104210-387,
 104210-392, 104210-393;
 121000-429; 421000-001,
 421000-002, 421000-003,
 421000-004, 42100-005,
 421000-006, 421000-008,
 421000-010,, 421000-011,
 421000-018

Lester: 13867, 13870, 13871,
 13912, 13913, 13914,
 13919, 13923

Note: Used w/39-82007 Early TYPe
 Brush Holder.

Ref to 41-82103, W115-156



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.

42-Insulators



42-82048

Insulator-B+ Terminal-for side M8 Post

For: Denso Hair Pin Alternators
DIM: 14mm ID, 25.7mm OD,
16.8mm OAL

Replaces:

OE: 104210-424, 104210-433,
104210-442; 121000-252;
421000-001, 421000-004,
421000-010, 421000-022,
421000-043, 421000-047

Lester: 11110, 11114, 11140, 11240,
11276, 13868, 13870, 13871,
13912, 13913

Note Ref to 42-82325, W115-153
2 slot



42-82050

Insulator-B+ Terminal-for side M8 Post

For: Denso Hair Pin Alternators
DIM: 14mm ID, 28mm OD,
17mm Height

Replaces: 021605-3050,
021605-3110

OE: 421000-065, 421000-081 etc

Lester: 11059, 11063, 11109, 11297,
11298, 11367, 11378, 11401, 11449,
13867, 13868, 13870, 13871, 13912,
13913

Note: Ref to 42-82323
AZ-1895C
4 slot



42-82053

Insulator-B+ Terminal-for side

For: Denso Hair Pin Alternators

DIM: 17.5mm ID

Replaces:

OE: 421000-700

Lester: 11379

Note: Ref W115-210



42-82049

Insulator-B+ Terminal-for top M8 Post

D-Shape Interlock

For: Denso Hair Pin Alternators
DIM: 14mm ID, 28mm OD, 15mm
Height

Replaces: 021605-3080,
021605-3120

OE: 421000-003, 421000-011,
421000-012, 421000-075

Lester: 11039, 11040, 11112, 11113,
11155, 11241, 11244, 11401, 11570,
11572, 13867,
13914, 13915, 13923

Note: Ref to 42-82327, W115-224
4 slot



42-82051

Insulator-B+ Terminal-for top D-Shape

For: Denso Hair Pin Alternators
DIM: 14mm ID, 17.4mm Height

Replaces:

OE: 104210-329, 104210-473,
104210-516

Lester: 11154, 13980

Note: used w/46-82169 SRE Cover.
Ref to W115-163



42-82051-1-for top

Insulator-B+ Terminal

For: Denso Hair Pin Alternators

DIM: 14mm ID, 17.4mm Height

Replaces:

OE: 104210-329

Lester: 13980

Note: used w/46-82169 SRE Cover.
Ref to W115-163

42-Insulators



42-82056

Insulator-B+ Terminal D-Shape Interlock

For: Denso Hair Pin Alternators
Dim: 14.5mm ID, 18mm Height
Replaces:
OE:
Lester:
Note:



42-82057

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

For: Denso Hair Pin Alternators
DIM: 14mm ID, 24mm Height
Replaces:
OE: 104210-589
Lester: 11390
Note:



42-82058

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

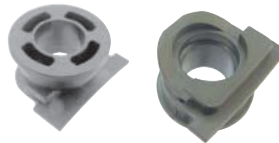
For: Denso Hair Pin Alternators
DIM: 14.8mm ID, 37.3mm Height
 27mm OD
Replaces:
OE:
Lester:
Note: Similar to 42-82066, but the top
 open on different direction.



42-82059

Insulator-B+ Terminal-for side M6Post

For: Denso Hair Pin Alternators
DIM: 12.5mm ID, 25.5mm OD
 16.8mm Height
Replaces:
OE:
Lester: 11032, 11033, 11136, 11138,
 11195, 11201, 11326, 11386, 11404,
 11516, 11776, 13905, 13927, 13983,
 13994, 23317
Note: Ref 42-82335, W115-173,
 AT-18266C, 4 slot



42-82059-1

Insulator-B+ Terminal-for side M6 Post

For: Denso Hair Pin Alternators
DIM: 12.5mm ID, 25.5mm OD
 16.8mm Height
Replaces:
OE:
Lester: 11032, 11033, 11136, 11138,
 11195, 11201, 11386, 11404, 11516,
 13905, 13927, 23317
Note: Ref 42-82335, W115-173
 4 slot



42-82060

Insulator-B+ Terminal D-Shape Interlock

For: Denso Hair Pin Alternators
DIM: 14.6mm ID, 26mm Height
Replaces:
OE:
Lester:
Note:



42-82061

Insulator-B+ Terminal-for side

For: Denso Hair Pin Alternators
DIM: 16.2mm ID, 28.8mm Height
Replaces:
OE: 104210-351, 104210-356,
 104210-405, 104210-464
Lester: 11054, 11093, 23820
Note: Ref W115-214



42-82063

Insulator-B+ Terminal-for Top D-Shapr Interlock

For: Denso Hair Pin Alternators
DIM: 14.5mm ID, 24.6mm,
 19.6mm H
Replaces:
OE:
Lester: 11178, 11183, 11387, 11524,
 11591, 11686
Note: AN-18148C, 4 slot



42-82064

Insulator-B+ Terminal-for side D-Shape Interlock

For: Denso Hair Pin Alternators
DIM: 14.5mm ID, 17.2mm Deep,
 35mm OAL
Replaces:
OE: 104210-310, 104210-350,
 104210-377, 104210-429,
 104210-430, 104210-469,
 104210-592
Lester: 11030, 11062, 11099, 11150,
 11151
Note: Ref to W115-189

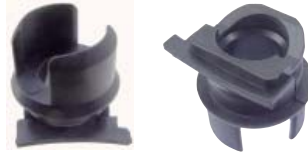
42-Insulators



42-82066

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

For: Denso Hair Pin Alternators
DIM: 14.7mm ID, 37.25mm Height, 20.7mm Deep
Replaces: 021605-3190
OE:
Lester: 13918
Note: Ref W115-154
 Similar to 42-82058, but top open on different direction.



42-82070

Insulator-B+ Terminal-for Side

For: Denso Hair Pin Alternators
DIM: 14.6mm ID, 32.5mm Height 33mm OAL
Replaces:
OE: 104210-582
Lester: 11292, 11293
 Ref: W115-223, AE-1864C
Note: Similar to 42-82085, 42-82086, but different ID and open.



42-82073

Insulator-B+ Terminal-for Side

For: Denso Hair Pin Alternators
DIM: 12mm ID, 22.2mm Height 20mm OD
Replaces:
OE: 104210-296, 104210-321, 104210-416
Lester: 11000, 11621
Note: Ref W115-220



42-82068

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

For: Denso Hair Pin Alternators
Dim: 8.6mm ID, 27.1mm Height
Replaces:
OE:
Lester:
Note: Ref



42-82071

Insulator-B+ Terminal D-Shape Interlock

For: Denso Hair Pin Alternators
Dim: 14.6mm ID, 26.25mm Height
Replaces:
OE:
Lester:
Note: Ref



42-82075

Insulator-B+ Terminal-for Side D-Shape Interlock

For: Denso Hair Pin Alternators
DIM: 14.5mm ID, 30mm OAL
Replaces:
OE:
Lester:
Note: Ref



42-82069

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

For: Denso Hair Pin Alternators
DIM: 17.75mm ID, 28.75mm Height
Replaces:
OE: 104210-6100, 104210-6103, 104210-634
Lester: 11290, 11630
Note: Ref W115-221



42-82072

Insulator-B+ Terminal-for Side D-Shape Interlock

For: Denso Hair Pin Alternators
DIM: 14.75mm ID, 27.1mm Height 35.3mm OAL
Replaces:
OE: 104210-591, 104210-592
Lester: 11391, 11392
Note: Ref W115-222
 w/key slot



42-82076

Insulator-B+ Terminal-for Side

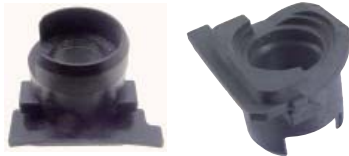
For: Denso Hair Pin Alternators
DIM: 12.5mm ID, 28mm Height
Replaces:
OE:
Lester:
Note: Ref

42-Insulators



42-82080
Insulator-B+ Terminal-for Side D-Shape for M6 Post

For: Denso Hair Pin Alternators
DIM: 14.39mm ID, 26.78mm OD
 29.91mm Height, 26.78mm Hole
Replaces:
OE: 104210-543
Lester: 11291
Note: Ref



42-82081
Insulator-B+ Terminal-for Side for M6 Post

For: Denso Hair Pin Alternators
DIM: 12mm ID, 22mm Height
Replaces:
OE: 104210-563
Lester: 11431
Note: Ref



42-82082
Insulator-B+ Terminal-for Top D-Shape for M8 Post

For: Denso Hair Pin Alternators
DIM: 17.5mm ID, 15mm Height
Replaces:
OE: 421000-704, 421000-705
Lester: 11592, 11598
Note: Ref



42-82084
Insulator-B+ Terminal-for Side for M8 Post

For: Denso Hair Pin Alternators
DIM: 17.6mm ID, 24.7mm Height
Replaces:
OE: 104210-640
Lester: 14204
Note: Ref



42-82085
Insulator-B+ Terminal-for Side for M6 Post

For: Denso Hair Pin Alternators
DIM: 17mm ID, mm Height
 31.5mm OAL
Replaces:
OE:
Lester:
Ref:
Note: Similar to 42-82070, 42-82086, but different ID and open.



42-82086
Insulator-B+ Terminal-for Side for M6 Post

For: Denso Hair Pin Alternators
DIM: 17mm ID, mm Height
 31.5mm OAL
Replaces:
OE: 104210-622
Lester: 11434, 11575, 11627, 11645, 11665, 11667, 12884, 14009, 14019-1, 14020
Ref:
Note: Similar to 42-82070, 42-82085, but different ID and open.



42-82088
Insulator-B+ Terminal-for Side D-Shape for M8 Post

For: Denso Hair Pin Alternators
DIM: 14.5mm ID, 30.5mm OD
 15.1mm L
Replaces:
OE:
Lester:
Note: Ref

46-SRE Cover



46-82165
SRE Cover

For: Chrysler
DIM: : 127mm OD
Replaces: 021551-3471, 021551-3680
OE: 421000-005, 421000-011, 421000-018, 421000-019, 421000-020
Lester: 11039, 11040*, 11048, 11244, 11383, 13914, 13915
Note: Early Type
 *11040 Late Type use 46-82207
 Ref 46-82486, W015-49
 - Similar to 46-82187, ut inside Brush Holder area different.



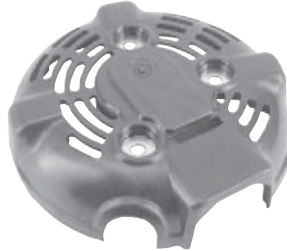
46-82164
SRE Cover

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



46-82168
SRE Cover

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



46-82166
SRE Cover

For: Toyota
DIM: 127mm OD
Replaces:
OE: 104210-304, 104210-312
Lester: 13905, 13927
Note: Early Type
 Ref to W015-55



46-82165-1
SRE Cover

For: Chrysler
DIM: : 127mm OD
Replaces: 021551-3471, 021551-3680
OE: 421000-005, 421000-011, 421000-018, 421000-019, 421000-020
Lester: 11039, 11040*, 11048, 11244, 11383, 13914, 13915
Note: Early "q" Type
 *11040 Late Type use 46-82207
 Ref 46-82486



46-82167
SRE Cover

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



46-82169
SRE Cover

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

46-SRE Cover



46-82170
SRE Cover

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



46-82174
SRE Cover

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



46-82176
SRE Cover

For: Chrysler
DIM: 128mm OD
Replaces: 021551-4030
OE: 421000-014, 421000-021, 421000-
 023, 421000-028, 421000-030,
 421000-038, 421000-041,
 421000-081
Lester: 11063, 11243, 11285, 11294.
 11295, 11296, 11297, 11298, 11378,
 11449, 11584, 13868*, 13988
Note: *Late Type.
 13868 for Early Type use 46- 82164.
 Ref to 46-82473, W015-54, AZ-1388.



46-82173
SRE Cover

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



46-82175
SRE Cover

For: Toyota
DIM: 128mm OD
Replaces: 021551-4180, 021551-4650
OE: 104210-227, 104210-234, 104210-
 345, 104210-362, 104210-365, 104210-
 375, 104210-378, 104210-379, 104210-
 388, 104210-389, 104210-492
Lester: 11032, 11033, 11034, 11084,
 11088, 11136, 11137, 11138, 11139,
 11195, 11196, 11201, 11322, 11323,
 11324, 11326, 11350, 11351, 11352,
 11352, 11384, 11385, 11386, 11400,
 11402, 11403, 11404, 11407, 11408,
 11519, 11577, 13905, 13981, 13984
Note: Late Type
 Ref to W015-65



46-82177
SRE Cover

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

46-SRE Cover



46-82179
SRE Cover

For: Opel
DIM:
Replaces:
OE:
Lester: 23806, 23808
Note: Europe



46-82181
SRE Cover

For: Ford, Lincoln, Mustang
DIM: 128mm
Replaces:
OE: 104210-111, 104210-297,
104210-330, 104210-563, 104210-
586, 104210-596
Lester: 11204, 11292, 11431,
11432, 11623, 11776
Note: Late Type



46-82183
SRE Cover

For: Ford
DIM: 128mm
Replaces:
OE: 104210-351, 104210-363,
104210-376
Lester: 23820, 23839, 23912
Note: Late Type. Europe



46-82180
SRE Cover, 180 Amp

For: Toyota
DIM: 137.5mm
Replaces:
OE: 104210-614
Lester: 11405
Note: Late Type.
Ref to W015-92



46-82182
SRE Cover

For: Denso Hair Pin Alternators
DIM: 114.5mm
Replaces:
OE: 104210-9060
Lester:
Note: Late Type



46-82185
SRE Cover

For: Denso Hair Pin Alternators
DIM: 128mm
Replaces:
OE:
Lester:
Note: Early Type

46-SRE Cover



46-82186
SRE Cover

For: Denso Hair Pin Alternators
DIM : 128mm
Replaces:
OE:
Lester:
Note: Early Type



46-82189
SRE Cover

For: Toyota
DIM: 128mm OD
Replaces:
OE: 104210-344, 104210-346,
104210-400
Lester: 11087, 11197, 13983, 13994
Note: Early Type
Ref to W015-59.
Late type use 46-82174.



46-82191
SRE Cover

For: Honda
DIM: 128mm
Replaces:
OE:
Lester: 11390
Note: Late Type
Similar to 46-82169, but different
Regulator hole opening.



46-82188
SRE Cover

For: Ford
DIM: 128mm
Replaces: 021551-4330
OE: 104210-356, 104210-370,
104210-464, 104210-271, 104210-
352, 104210-405
Lester: 11054, 11093, 11205, 23821
Note: Late Type.
Ref to W015-95



46-82190
SRE Cover

For: Denso Hair Pin Alternators
DIM: 128mm
Replaces:
OE: 104210-369, 104210-370,
Lester: 11206
Note: Late Type
Ref to W015-93



46-82192
SRE Cover

For: John Deere, Toyota
DIM: 128mm OD
Replaces: 021551-3600
OE: 104210-303, 104210-3920 (Early)
Lester: 12660 (Early), 13992
Note: Early Type
Ref to W015-79, AT-13284.
Late use 46-82206.

46-SRE Cover



46-82187
SRE Cover

For:
DIM: 128mm OD
Replaces:
OE:
Lester: 13914, 13915
Note: Early Type
- Similr to 46-82165, but Brush Holder area different.



46-82195
SRE Cover

For: GM
DIM: 128mm OD
Replaces: 021551-4450
OE: 104210-328, 104210-330,
104210-334, 104210-435,
104210-454, 104210-499
Lester: 11003, 11035, 11036, 11037,
11046, 11146
Note: Late Type
Ref to W015-67, 46-824101.



46-82197
SRE Cover

For: GM, Suzuki
DIM: 128mm
Replaces:
OE:
Lester: 11156, 11183, 11237, 11250
Note: Late Type.
Ref to W015-91, AJ-13151.



46-82194
SRE Cover

For: Denso Hair Pin Alternators
DIM: 128mm
Replaces:
OE: 104210-308, 104210-504
Lester: 13979
Note: Late Type
Ref to W015-58



46-82196
SRE Cover

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



17.8mm ID

46-82202
SRE Cover, 170-220 Amp

For: GM
DIM: 137.5mm OD
Replaces: 137.5mm
OE: 104210-600, 104210-601,
104210-616
Lester: 11181, 11251, 11252
Note: Late Type.
Ref to W015-98

46-SRE Cover



46-82203 SRE Cover

For: Denso Hair Pin Alternators
DIM: 128mm
Replaces:
OE:
Lester:
Note: Late Type



46-82205 SRE Cover

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



46-82207 SRE Cover

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



46-82204 SRE Cover

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



46-82206 SRE Cover

For: Land Rover
DIM: 128mm
Replaces:
OE: 104210-371, 104210-3921 (Late)
Lester: 12660 (Late), 24028
Note: Late Type. Europe
 Early type use 46-82192.



46-82210 SRE Cover-220 Amp

For: Chrysler, Dodge Ram
DIM: 137.5mm
Replaces:
OE: 421000-700, 421000-714
Lester: 11379, 11380, 11775
Note: Late Type.
 Ref to W015-99.

46-SRE Cover



46-82213
SRE Cover-220 Amp

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



46-82218
SRE Cover- Amp

For: Chrysler, Dodge
DIM: 129mm
Replaces:
OE: 104210-124, 104210-591, 104210-592
Lester: 11391, 11392, 11573
Note: Late Type, Ref W015-97



46-82211
SRE Cover- Amp

For:
DIM: 128mm
Replaces:
OE: 421000-018
Lester: 11048
Note: Early Type



46-82216
SRE Cover- Amp

For: Chrysler, Dodge
DIM: mm
Replaces:
OE:
Lester:
Note: Late Type



46-82219
SRE Cover- Amp

For: Ford Lincoln
DIM: 128mm
Replaces:
OE: 104210-321, 104210-416
Lester: 11000
Note: Late Type

46-SRE Cover



46-82220
SRE Cover- Amp
For: Ford Lincoln, John Deere
DIM: 127mm OD
Replaces: 021551-3560
OE: 104210-309, 104210--393
Lester: 13918
Note: Early Type
 Ref W015-57, AH-13107.



46-82223
SRE Cover- Amp
For:
DIM: 128mm OD
Replaces:
OE: 104210-350*
Lester: 11030*, 11099, 11150
Note: *11030 has two type SRE Cover.
 Type
 Ref



46-82225
SRE Cover- Amp
For: Ford
DIM: 128mm OD
Replaces:
OE: 104210-543
Lester: 11291
Note: Late Type
 Ref



46-82222
SRE Cover- 220Amp
For: Ford
DIM: 138mm OD
Replaces:
OE: 104210-627, 104210-634,
 104210-666, 104210-677
Lester: 11532, 11627, 11645, 11679
Note: Late Type
 Ref AE-1370



46-82224
SRE Cover- Amp
For:
DIM: 128mm OD
Replaces:
OE: *104210-4480, *104210-4481,
 104210-469
Lester: 11030*, 11151
Note: *11030 has two type SRE Cover.
 Type
 Ref



46-82226
SRE Cover- Amp
For:
DIM: mm OD
Replaces:
OE:
Lester:
Note: Late Type
 Ref

46-SRE Cover



46-82227
SRE Cover- Amp

For:
DIM: 127mmOD
Replaces:
OE:
Lester:
Note: Late Type



46-82229
SRE Cover- Amp

For: European Hyundai, Kia
DIM: 127mm OD
Replaces:
OE: 104210-391, 104210-486, 104210-581, 104210-620
Hyundai 37200-3C552
Lester: 11387, 11766, 11523, 23971
Note: Late Type
Ref: AN-13122



14mm ID

46-82231
SRE Cover- Amp

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



46-82228
SRE Cover- Amp

For:
DIM: 127mm OD
Replaces:
OE:
Lester:
Note: Late Type



46-82230
SRE Cover- Amp

For:
DIM: 114.5mm OD
Replaces:
OE:
Lester:
Note: Late Type



46-82235
SRE Cover- Amp

For: Jeep
DIM: 128mm OD
Replaces: 421000-036, 421000-055
OE:
Lester: 11155, 11241
Note: Late Type
Ref: AZ-13105, W015-82

46-SRE Cover



46-82236
SRE Cover- 195 Amp
For: Ford Truck
DIM: 138mmOD
Replaces:
OE: 104210-6181, 104210-634,
104210-667
Lester: 11434, 11624, 11630
Note: Late Type



46-82238
SRE Cover- 180-220 Amp
For: Chrysler, Dodge
DIM: 138mmOD
Replaces:
OE: 421000-702, 421000-703,
421000-704, 421000-705
Lester: 11575, 11576, 11592, 11598
Note: Late Type



46-82240
SRE Cover- Amp
For: BMW-European
DIM: mmOD
Replaces:
OE: 104210-633
Lester: 24111
Note: Late Type

**Photo
Coming Soon**



46-82237
SRE Cover- 150 Amp
For: Jeep
DIM: 128mmOD
Replaces:
OE: 104210-424
Lester: 11114
Note: Late Type
Ref: AZ-1398, W015-89



46-82239
SRE Cover- Amp
For:
DIM: mmOD
Replaces:
OE:
Lester:
Note: Late Type

46-82241
SRE Cover- 150 Amp
For: Hyundai
DIM: 128mmOD
Replaces:
OE: 104210-180
Lester: 11591, 11686
Note: Late Type
Ref: AN-13148

46-SRE Cover



46-82242
SRE Cover- Amp

For:
DIM: 138mm OD
Replaces:
OE:
Lester:
Note: Type

**Photo
Coming Soon**

46-82244
SRE Cover- 170 Amp

For: Chevy & GMC Truck
DIM: 138mm OD
Replaces:
OE: 104210-687
Lester: 14009
Note: Late Type



46-82243
SRE Cover- 225 Amp

For: Ford Truck
DIM: 138mm OD
Replaces:
OE: 104210-607, 104210-667
Lester: 11496, 11624, 11629, 11630, 11667, 12884
Note: Type



46-82245
SRE Cover- Amp

For: Acura, Honda, Saturn
DIM: 128mm OD
Replaces:
OE: 104210-310, 104210-350, 104210-377, 104210-429, 104210-430, 104210-431, 104210-448, **104210-469**
Lester: 11030, 11062, 11099, 11150, 11151
Note: Late Type
Ref W015-68, AH-13123
Similar to 46-82174, but 46-82174 is 31mm Height.

10-Bearing & 46-Bearing Retainer Parts



10-304240

Bearing-DE Housing

For: Denso Hair Pin Alternators
DIM: 17mm ID x 52mm OD x 16mm W
Replaces: #333
OE:
Lester:
Note:



10-202140K (Koyo Brand)

Bearing-SRE Housing

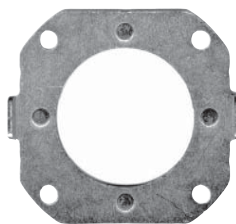
For: Denso Hair Pin Alternators
DIM: 15mm ID x 35mm OD x 13mm W
Replaces: #279
OE:
Lester:
Note: Ref to 10-2021-4
 10-202140S NSK Brand
 10-202140T NTN Brand



6-30340K

Bearing-DE Housing

For: Denso Hair Pin Alternators
DIM: 17mm ID x 47mm OD x 14mm W
Replaces: #6303
OE:
Lester: 11005, 11033
Note:



46-82003

Bearing Retainer-DE Housing

For: Denso Hair Pin Alternators
DIM: 34mm ID, 53mm OD
 M4 Mounting Hole
Replaces: 021411-0450
OE:
Lester: 13229, 13508, 13673, 13680,
 13678, 13870, 13871, 14449,
 14452, 14611, 14668, 14755,
 14757, 14989 ... etc
Note: Ref to 46-82502, AT-1755
 Used on DE 21-82084, 21-82085,
 21-82086, 21-82087, 21-82088,
 21-82089, 21-82095, 21-82097,
 21-82098
 Screw use 84-82008



46-82039

Bearing Retainer-DE Housing

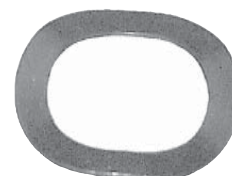
For: Denso Hair Pin Alternators
DIM: 37mm ID, 61.5mm OD
Replaces: 021411-0450
OE:
Lester:
Note: Ref to 46-82500
 Used on DE 21-82096
 Screw use 84-82008



46-82023

Gasket-SRE Bearing Retainer

For: Denso Hair Pin Alternators
DIM: 40mm ID x 46mm OD
 1.5mm Thickness
Replaces:
OE:
Lester:
Note: Ref to 46-82100
 Used w/46-82200 Bearing
 Retainer

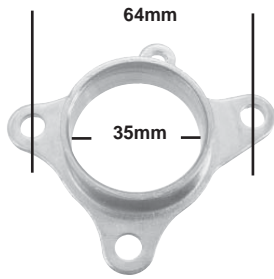


46-82099

Wave Washer-SRE Bearing

For: Denso Hair Pin Alternators
DIM: 24.5mm ID, 35.2mm OD x 1mm T
Replaces: 021542-0120, 021542-0160
OE:
Lester:
Note: Ref to 46-82802
 This is close type design, but the
 function is the same as open
 type.

46-Bearing Retainer & Heat Shield



46-82200

Bearing Retainer-SRE Housing

For: Denso Hair Pin Alternators

DIM: 35mm ID, 14.5mm Height

64mm Mounting Length

Replaces:

OE:

Lester:

Note: Use Bearing

For 22-82096, 22-82102, 22-82118,
22-82123, 22-82124

Photo
Coming Soon

46-82XXX

Bearing Retainer-SRE Housing

For: Denso Hair Pin Alternators

DIM: 35mm ID, 14.5mm Height

Replaces:

OE:

Lester:

Note: Similar to 46-82002 but with
Thicker Bearing.

Use Bearing

For 22-82092, 22-82097

Photo
Coming Soon

46-82XXX

Repair Connector

For: Denso Hair Pin Alternators

Used on: Chrysler, Dodge, Honda,
Toyota, Jeep...

DIM:

Replaces:

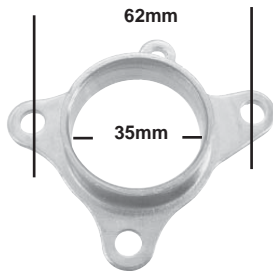
OE:

Lester: 11000, 11003, 11030, 11032,
11033, 11040... etc

Ref: AZ-0772C

Note:

Photo
Coming Soon



46-82208

Bearing Retainer-SRE Housing

For: Denso Hair Pin Alternators

DIM: 35mm ID, 14.5mm Height

62mm Mounting Length

Replaces:

OE:

Lester: 11063, 12660 (Early), 13871,
13918, 13984, 13988

Note: Use 6202 Bearing.

For 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

Photo
Coming Soon

46-82246

Heat Shield

For: Denso Hair Pin Alternators

Used on: Lexus, Toyota

DIM: 128.5mm type use

Replaces:

OE: 104210-344, 104210-346

Lester: 11087, 13983

Ref:

Note:

46-82247

Sleeve-SRE Bearing

For: Denso Hair Pin Alternators

Used on:

DIM:

Replaces:

OE: 104210-353, 104210-354

Lester: 14486, 14487

Ref: AT-13366A

Note: Tolerance Ring

46-Misc. Parts



46-82005

Cover-SRE Bearing (External)
For: Denso Hair Pin Alternators
DIM: 15mm ID x 22mm OD x 2.2mm T
Replaces:
OE:
Lester:
Note: Ref to 46-82700



46-82006

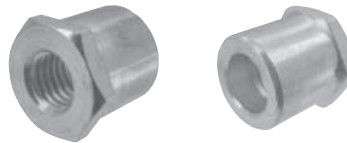
Cover-SRE Bearing (Internal)
For: Denso Hair Pin Alternators
DIM: 15.4mm ID x 26mm OD x 0.25mm T
Replaces:
OE:
Lester:
Note:



4604-8023

Bushing-SRE Housing w/Split Open

For: Denso Hair Pin Alternators
DIM: 11.5mm ID, 18.3mm OD
 17.7mm OAL
Replaces:
OE:
Lester: 11584, 13983
Note: used on 22-82085, 22-82155



4604-8024

Bushing-SRE Housing

For: Denso Hair Pin Alternators
DIM: M10x1.5 ID, 18mm OD
 19mm OAL
 18.9mm Hex Head
Replaces:
OE: 421000-014, 421000-030,
 421000-700
Lester: 11063, 11379
Note: used on 22-82095, 22-82102



4604-8025

Bushing-SRE Housing w/Split Open

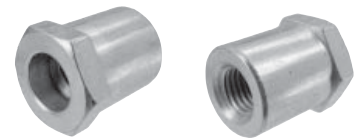
For: Denso Hair Pin Alternators
DIM: 10mm ID, 18.35mm OD
 17.7mm OAL
 26mm Round Head
Replaces:
OE:
Lester: 13918
Note: used on 22-82093



4604-8026

Bushing-SRE Housing Hex Head

For: Denso Hair Pin Alternators
DIM: M10x1.5, 18.3mm OD
 22.85mm OAL
 19mm Hex Head
Replaces:
OE:
Lester: 11034, 11088
Note: used on 22-82088



4604-8027

Bushing-SRE Housing

For: Denso Hair Pin Alternators
DIM: M10x1.5, 18mm OD
 23mm OAL
 19mm Hex Head
Replaces:
OE:
Lester: 13927
Note: used on 22-82094, 22-82101,
 22-82110, 22-82112

84-Hardware



84-82001

Stud-SRE Housing

For: Denso Hair Pin Alternators
DIM: M5 x 0.8 x 36mm L
 6.7mm Knurl OD

Replaces:

OE:

Lester:

Note: Ref to 46-82150, AZ-2707
 Used to attached w/SRE Cover



84-82002

Stud-SRE Housing

For: Denso Hair Pin Alternators
DIM: M5 x 0.8 x 35mm L
 6.7mm Knurl OD

Replaces:

OE:

Lester:

Note: Used to attached w/SRE Cover



84-82026

Stud-SRE Housing

For: Denso Hair Pin Alternators
DIM: M5 x 0.8 x 40mm L
 6.7mm Knurl OD

Replaces:

OE:

Lester:

Note: Used to attached w/SRE Cover



84-82003

Screw-Brush Holder, Stator Lead, Rectifier Phillips Head w/Pan Head Split Lock Washer

For: Denso Hair Pin Alternators
DIM: M4 x 0.7 x 6mm L

Replaces:

OE:

Lester:

Note: Ref to 85-1205



84--82005

Screw-Brush Holder, Stator Lead, Rectifier Phillips Fillister Head

For: Denso Hair Pin Alternators
DIM: M4 x 0.7 x 6mm L

Replaces:

OE:

Lester:

Note: Ref to
 Also used on Regulator & Stator



84-82023

Screw-SRE Bearing Retainer Phillips Pan Head Attached Split Lock Washer

For: Denso Hair Pin Alternators
DIM: M4 x 0.7 x 8mm L

Replaces:

OE:

Lester:

Note: Ref to 85-1209



84-82049

Thru Bolt- DE to SRE Housing

For: Denso Hair Pin Alternators,
 104210- & 421000 Series

DIM: M5 x 0.8 x 78mm L
 83.5mm OAL

Replaces:

OE:

Lester:

Note: For 128mm Case OD use.
 with Phillips Head please use
 84-82057.



84-82057

Thru Bolt- DE to SRE Housing w/Phillips Head

For: Denso Hair Pin Alternators,
 104210- & 421000 Series

DIM: M5 x 0.8 x 78mm L
 83.5mm OAL

Replaces: 949042-3950

OE:

Lester:

Note: For 128mm Case OD use.
 Similar to 84-82049 but 84-82049 wo/
 Phillips Head



84-82008

Screw-DE Bearing Retainer Phillips Pan Head Attached Split Lock Washer

For: Denso Hair Pin Alternators
DIM: M4 x 0.7 x 18mm L

Replaces:

OE:

Lester:

Note: Ref to 85-1208

84-Hardware



84-82058

Stud-SRE Housing

For: Denso Hair Pin Alternators

DIM: M5 x 0.8 x 33mm L

6.7mm Knurl OD

Replaces:

OE:

Lester:

Note: Used to attached w/SRE Cover.
When used with SRE Cover to avoid
the Stud exposed too long.



84-82068

Screw-SRE Cover Hex Head

For: Denso Hair Pin Alternators

DIM: M5 x 0.8 x 28mm L

32.5mm OAL

Replaces:

OE: 104210-330

Lester: 11776

Note:



84-82071

Thru Bolt- DE to SRE Housing

For: Denso Hair Pin 220-225 Amp Type
Alternators

DIM: M6 x 1.0 x mm L

90mm OAL

Replaces:

OE:

Lester: 11434

Note: This is for 138mm Case OD use.



84-82117

Screw-Brush Holder

For: Denso, Hair Pin Alternators

DIM: M4 x 0.7 x 10mm L

Replaces:

OE:

Lester:

Note: Also available 84-82117-D w/Dog
Point.



84-82070

Screw-Rectifier Philips Round Head, w/Split Lockwasher, w/Flat Lockwasher

For: Denso, Hair Pin Alternators

DIM: M4 x 0.7 x 12mm L (under Flat

Lockwasher), 18mm OAL

Replaces:

OE:

Lester:

Note: Also available 84-82117-D w/Dog
Point.

Ref MS-4014W



84-82117-5

Screw-Brush Holder w/Dog Point

For: Denso, Hair Pin Alternators

DIM: M4 x 0.7 x 10mm L

Replaces:

OE:

Lester:

Note:

84-M6 B+ Terminal Post



84-82050
Terminal Post-Rectifier
Round Head-Top Post
M6 B+ Terminal

For: Denso Hair Pin Alternators
DIM: M6 x 1.0 x 33.2mm L
35mm OAL

Replace:

OE:

Lester: 13980, 23317

Note: W115-177

Nut use 85-82028
for Rectifier 31-82043
Ref INR429



84-82052
Terminal Post-Rectifier
Round Head-Top Post
M6 B+ Terminal

For: Denso Hair Pin Alternators
DIM: M6 x 1.0 x 39.7mm L
42.9mm OAL

Replace:

OE:

Lester: 11003, 11035, 11036, 11037,
11046, 11180, 13919, 13980

Note: W115-178

Nut use 85-82029
for Rectifier 31-82042
Ref INR422, INR425



Terminal side Post
(Side Post Type)



84-82051
Terminal Post-Rectifier
Square Head-Side Post
M6 B+ Terminal

For: Denso Hair Pin Alternators
DIM: M6 x 1.0 x 33.7mm L
36.3mm OAL

Replace:

OE:

Lester: 11032, 11033, 11034, 11084,
11087, 11088, 11136, 11137, 11138,
11139, 11153, 11195, 11385, 11431,
11776, 13984, 13994

Note: W115-175

Nut use 85-82027
for Rectifier 31-82045
Ref INR426, INR430

Photo
Coming Soon

84-82069
Terminal Post-Rectifier
Square Head-Side Post
M6 B+ Terminal

For: Denso Hair Pin Alternators
DIM: M6 x 1.0 x 28.25mm L
37.75mm OAL

Replace:

OE:

Lester:

Note:



Terminal top Post
(Top Post Type)

84-M8 B+ Terminal Post



84-82053
Terminal Post-Rectifier
Square Head-Side Post
M8 B+ Terminal

For: Denso Hair Pin Alternators
DIM: M8 x 1.25 x 35mm L
38mm OAL

Replace:
OE:
Lester:
Note: for



84-82055
Terminal Post-Rectifier
Round Head-Top Post
M8 B+ Terminal

For: Denso Hair Pin Alternators
DIM: M8 x 1.25 x 43.9mm L
47mm OAL

Replace:
OE:
Lester:
Note: for



Terminal Post
(Side Post Type)



84-82054
Terminal Post-Rectifier
Square Head-Side Post
M8 B+ Terminal

For: Denso Hair Pin Alternators
DIM: M8 x 1.25 x 41mm L
44.2mm OAL

Replace:
OE: 421000-081
Lester: 11063, 11110, 11114, 11240,
11243, 11276, 11285, 11294, 11295,
11296, 11297, 11298
Note: for Side Post
Nut use 85-82026
Ref INR421, W115-176



84-82056
Terminal Post-Rectifier
Round Head-Top Post
M8 B+ Terminal

For: Denso Hair Pin Alternators
DIM: M8 x 1.25 x 45.9mm L
49mm OAL

Replace:
OE: 421000-075, 421000-077
Lester: 11039, 11040, 11048, 11112,
11113, 11156, 11179, 11244, 11369,
11383, 11508, 11513, 11572, 13867,
13914, 13915, 13918
Note: for Top Post
Nut use 85-82034
Ref INR420, INR424, INR432,
W115-179



Terminal Post
(Top Post Type)

85-Rectifier Nut (M6)



85-82025
Nut-Rectifier
M6 B+ Terminal

For: Denso Hair Pin Alternators
DIM: M6 x 1.0 x 17.75mm L
13.7mm OD

Replace:

OE:

Lester:

Note: Ref



85-82028
Nut-Rectifier
M6 B+ Terminal

For: Denso Hair Pin Alternators
DIM: M6 x 1.0 x 18.65mm L
11.6mm OD

Replace:

OE:

Lester: 11238, 11776, 13980, 23317

Note: for Rectifier 31-82043

Ref to W115-181

Post use 84-82050

Ref INR429



Nut



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

For: Denso Hair Pin Alternators
DIM: M6 x 1.0 x 15mm L
13.7mm OD

Replace:

OE:

Lester:

Note: Can be use as SRE Stud
Extension



85-82029
Nut-Rectifier
M6 B+ Terminal

For: Denso Hair Pin Alternators
DIM: M6 x 1.0 x 21.50mm L
12.9mm OD

Replace:

OE:

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

Note: for Rectifier 31-82042

Ref to W115-182

Post use 84-82052

Ref INR422, INR425



Nut



85-82027
Nut-Rectifier
M6 B+ Terminal

For: Denso Hair Pin Alternators
DIM: M6 x 1.0 x 17.65mm L
11.8mm OD

Replace:

OE:

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

Note: for Rectifier 31-82045

Ref to W115-180

Post use 84-82051

Ref INR430

85-Rectifier Nut (M8)



85-82026
Nut-Rectifier
M8 B+ Terminal

For: Denso Hair Pin Alternators

DIM: M8 x 1.25x 17.6mm L
13.7mm OD

Replace:

OE: 421000-081

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

Note: for 31-82038

Ref to W115-183

Post use 84-82054

Ref INR421



85-82030
Nut-Rectifier
M8 B+ Terminal

For: Denso Hair Pin Alternators

DIM: M8 x 1.25 x 25.05mm L
13.65mm OD

Replace:

OE:

Lester: 11156, 11179, 11508, 11513,
13918

Note: Ref to W115-185

Ref INR436

Photo
Coming Soon

85-82033
Nut-Rectifier
M8 B+ Terminal

For: Denso Hair Pin Alternators

DIM: M8 x 1.25 x 16.50mm L
16.5mm OD

Replace:

OE: 104210-607, 104210-613

Lester: 11328, 11496

Note: used w/31-82040

Ref INR440



Nut

Photo
Coming Soon

85-82034
Nut-Rectifier
M8 B+ Terminal

For: Denso Hair Pin Alternators

DIM: M8 x 1.25 x 21mm L
13.65mm OD
14mm Hex

Replace:

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

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

Note: Ref to W115-184

Ref INR420, INR424, INR432



Nut

85-Hardware



85-82002
Hex Nut
w/Serrated Flange

For: Denso Hair Pin Alternators
DIM: M6 x 1.0 x 5.8mm Thick
Replaces:
OE:
Lester:
Note: Used on SRE Cover. We also has wo/Serrated 85-82002F available.



85-82003
Hex Nut
w/Serrated Flange

For: Denso Hair Pin Alternators
DIM: M5 x 0.8 x 4.9mm Thick
Replaces:
OE:
Lester:
Note: Used on SRE Cover. We also has wo/Serrated 85-82003F available.



85-82012
Hex Nut
w/Serrated Flange

For: Denso Hair Pin Alternators
DIM: M8 x 1.25 x 7.8mm Thick
Replaces:
OE:
Lester:
Note: Used on Rectifier Post. We also has wo/Serrated 85-82012F available.



85-82002-1
Hex Nut
w/Serrated Flange

For: Denso Hair Pin Alternators
DIM: M6 x 1.0 x 5.8mm Thick
Replaces:
OE:
Lester:
Note: Used on SRE Cover. Zinc plated.



85-82003-1
Hex Nut
w/Serrated Flange

For: Denso Hair Pin Alternators
DIM: M5 x 0.8 x 4.9mm Thick
Replaces:
OE:
Lester:
Note: Used on SRE Cover. Zinc plated.



85-82012-1
Hex Nut
w/Serrated Flange

For: Denso Hair Pin Alternators
DIM: M8 x 1.25 x 7.8mm Thick
Replaces:
OE:
Lester:
Note: Used on Rectifier Post. Zinc plated.



85-82002F
Hex Nut
Unserrated

For: Denso Hair Pin Alternators
DIM: M6 x 1.0 x 5.8mm Thick
Replaces:
OE:
Lester:
Note: Used on SRE Cover. Yellow Zinc plated



85-82003F
Hex Nut
Unserrated

For: Denso Hair Pin Alternators
DIM: M5 x 0.8 x 4.9mm Thick
Replaces:
OE:
Lester:
Note: Used on SRE Cover. Yellow Zinc plated.



85-82012F
Hex Nut
Unserrated

For: Denso Hair Pin Alternators
DIM: M8 x 1.25 x 7.8mm Thick
Replaces:
OE:
Lester:
Note: Used on Rectifier Post. Yellow Zinc plated.

85-Hardware



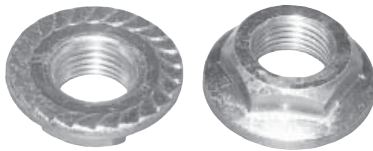
85-82032
Flange Nut
Unserrated

For: Denso Hair Pin Alternators
DIM: M16 x 1.50 x 10mm Thick
Replaces:
OE:
Lester:
Note: Pulley Nut
Unserrated, Zinc plated.



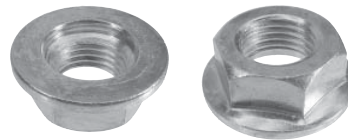
85-82001-1
Flange Nut
Serrated

For: Denso Hair Pin Alternators
DIM: M14 x 1.50 x 10.8mm Thick
Replaces:
OE:
Lester:
Note: Pulley Nut
Serrated, Zinc plated.



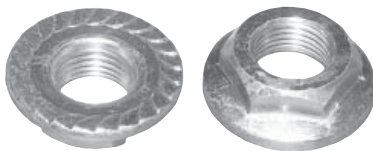
85-82013
Flange Nut
Serrated

For: Denso Hair Pin Alternators
DIM: M16 x 1.50 x 10.8mm Thick
Replaces:
OE:
Lester:
Note: Pulley Nut
Serrated, Zinc plated.



85-82001F
Flange Nut
Unserrated

For: Denso Hair Pin Alternators
DIM: M14 x 1.50 x 10.2mm Thick
Replaces:
OE:
Lester:
Note: Pulley Nut
Unserrated, Zinc plated.



85-82001F-CCW
Flange Nut-CCW
Serrated

For: Denso Hair Pin Alternators
DIM: M16 x 1.50 x 10.8mm Thick
Replaces:
OE: 421000-081
Lester: 11584
Note: CCW Pulley Nut
Serrated, Zinc plated.

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