



# Metro Auto Industrial, Inc.

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www.metroautoinc.com



\* Return Service Requested \*

**05/01 - 06/30 2021 Special Sale**

\* for Electrical Rebuilders Only \*

**Monday May 31 closed  
for Memorial Day**

## NEW PRODUCTS

<p><b>12180N-SE65</b></p> <p>Denso Alternator (93mm Type) 12V 65A CW V Pulley   Ref: One Wire (Self Exciting)</p>	<p><b>11628N</b></p> <p>Denso Hairpin Alternator 12V, 150Amp, CW, 8GV Pulley 104210-292 Ref: 11628</p>	<p><b>13994N</b></p> <p>Denso Hairpin Alternator 12V, 130Amp, CW, 6GV Pulley Toyota Pickup 104210-338, 104210-512 Lester:13994</p>	<p><b>46-82289</b></p> <p>SRE Cover - Denso Hairpin Alternator Fits to 128.5mm unit 104211-869, Audi, VW</p>
<p><b>104210-1810N</b></p> <p>Denso Alternator 24V 80A CW V2 Pulley   Ref: 104210-181 Hino Industrial</p>	<p><b>11775N</b></p> <p>Denso Hairpin Alternator 12V, 130Amp, CW, 6GV-OAP 104211-852 Ref: 11775</p>	<p><b>52-82153</b></p> <p>CE Plate - Denso PLGR Starter Denso 228000-9641, 428000-0320, 428000-0321 Lester:17845 Ref 52-8206 PIC 5790-1003</p>	<p><b>46-82290</b></p> <p>SRE Cover - Denso Hairpin Alternator Fits to 128.5mm unit Lester 21247, 104211-376, Toyota</p>
<p><b>13969N-ND220</b></p> <p>Denso Modify Alternator 12V 220A CW 6GV   Ref: TG15C013 Replace to Valeo 13969</p>	<p><b>13226N</b></p> <p>Mitsubishi New Style Alternator 12V, 150Amp, 6GV Pulley A2TX0881A Ref: 13226</p>	<p><b>HD-14004</b></p> <p>Denso OSGR Starter Chevy LS1 12V, 1.4kw, CW, 11T Denso high performance</p>	<p><b>46-91058</b></p> <p>SRE Cover - Delco Water Cool Alternator Car: Cadillac Seville, DeVille Lester 8236, 8294, Delco# 10493794</p>
<p><b>11385N</b></p> <p>Denso Hairpin Alternator 12V 100Amp CW 6GV-OAP 104210-280, 104210-548, 11385, 11386</p>	<p><b>13893N</b></p> <p>Mitsubishi Alternator 12V, 70Amp, CCW, 6GV Pulley A5TA6991A, A5TA7091 Ref: 13893</p>	<p><b>35-83072</b></p> <p>Regulator - Mitsubishi 12V 230Amp A3TV0891, Lester: 11916 *Ford Explorer V6, 3.5L</p>	<p><b>76-81005</b></p> <p>Terminal Extension - Hitachi PMGR Starter M8 x 1.25 x 12mm L Batt. Post Lester 17983, 19067</p>

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## Alternator Parts

### SRE Cover-Valeo

### Slip Ring

### Rotor

### Harness Wire

<p>46-94010</p>  <p>SRE Cover - Valeo 12V 105-125Amp Lester 13938, 13944 Ref 46-94420</p>	<p>28-81010H</p>  <p>Slip Ring - Hitachi IR/IF Alternator 14mm ID x 27.5mm OD Lester: 13250, 13327, 14859 etc, Ref 28-81852</p>	<p>30-82001</p>  <p>Rotor - Denso Alternator 12V, 70Amp, CW, fits to 118mm Stator 86mm OD x 143mm OAL, Ref 28-8209</p>	<p>18-35006</p>  <p>Hitachi, Mitsubishi Alternator 4 pin Female, 140mm L Plug Code 307</p>
<p>46-94020-1</p>  <p>SRE Cover - Valeo 12V, Lester 11012, 11013, 11016 125mm OD Ref W012-49, 27386</p>	<p>28-82017-2</p>  <p>Slip Ring - Denso Hairpin Alternator 5.8mm ID x 14.3mm OD x 11mm LL Lester: 11032, 11033, 11034 Ref 28-82854</p>	<p>30-82002</p>  <p>Rotor - Denso Alternator 12V, 60Amp, CCW, fits to 110mm Stator 82.3mm OD x 143mm OAL, Lester 14759, 14989 etc</p>	<p>18-35007</p>  <p>Hitachi, Mitsubishi Alternator 2 pin Female, 140mm L Plug Code 300</p>
<p>46-94021</p>  <p>SRE Cover - Valeo 12V 120-145Amp Lester 11017, 11018 Ref W012-23, 27363, 8408-156</p>	<p>28-83001</p>  <p>Slip Ring - Mitsubishi Alternator 12.5mm ID x 23.1mm OD, <b>Copper</b> Lester: 11535, 12177, 13559 etc, Ref 28-83851</p>	<p>30-82004</p>  <p>Rotor - Denso Alternator (Chrysler type) 12V, 100-125Amp, CW, fits to 130mm Stator 101mm OD x 157mm OAL, Lester 12195, 13302 etc</p>	<p>18-35009</p>  <p>Hitachi, Mitsubishi Alternator 3 pin Female, 135mm L Plug Code 282</p>
<p>46-94031</p>  <p>SRE Cover - Valeo 12V 90-140Amp Lester 11189, 11452, 11489, 11490, 11491, 11492, 11695, 13111, 14006 Ref W012-53</p>	<p>28-83002</p>  <p>Slip Ring - Mitsubishi Alternator 12.5mm ID x 23.1mm OD, <b>Stainless Steel</b> Lester: 11535, 12177, 13559 etc,</p>	<p>30-82005</p>  <p>Rotor - Denso Alternator (Honda type) 12V, 80-90Amp, CCW, fits to 118mm Stator 91.5mm OD x 153mm OAL, Lester 13325, 13674 etc</p>	<p>18-35012</p>  <p>Denso Alternator 2 pin Female, 140mm L Plug Code 363</p>
<p>46-94035</p>  <p>SRE Cover - Valeo Lester 11608, 11609, 11611, 11642, 13209 Ref W012-69, 27396, PIC 8408-167</p>	<p>28-91004</p>  <p>Slip Ring - Bosch Alternator 14.9mm OD x 48.5mm L Lester: Ref</p>	<p>30-82008-1</p>  <p>Rotor - Denso Alternator 12V, 60-80Amp, CW, fits to 93mm Stator 69.5mm OD x 136.7mm OAL, Lester 12179, 12356</p>	<p>18-35013</p>  <p>Ford 6G Alternator 3 pin Female, 145mm L Plug Code 336, 337, 338</p>
<p>46-94036</p>  <p>SRE Cover - Valeo Lester 11358, 11394, 11396, 11397, 11451 Ref W012-69, 27396, PIC 8408-167</p>	<p>28-91006</p>  <p>Slip Ring - Bosch 715 Series Alternator 5mm ID x 13.7mm OD x 42.5mm L Lester: 11221, 11336, 11586 etc Ref 28-91854</p>	<p>30-82015</p>  <p>Rotor - Denso Alternator 12V, 60-80Amp, CW, fits to 118mm Stator 89mm OD x 147mm OAL, Lester 13319, 14939 etc</p>	<p>18-35016</p>  <p>Denso, Mitsubishi Alternator 3 pin Male, 140mm L Plug Code 325</p>

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## Starter Part and Unit

### Drive Assy

### Field Case Assy

### Stationary Gear

### Starter

<p>54-81106</p>  <p>Hitachi OSGR Starter 8T, CW, 10 Spline, 28mm Gear OD, 87mm L, Lester 16694, 16803, 16982</p>	<p>57-1020</p>  <p>Field Case - Delco 42MT 111mm ID x 189mm L x 130mm OD Delco# 1988108, 1988445</p>	<p>76-82215-1</p>  <p>Denso PMGR Starter 55-Teeth, 51mm Gear ID Lester 17825, 17841, Ref 76-82824</p>	<p>17823R</p>  <p>Denso OSGR Starter - Dodge 12V 1.4KW 10T CW 3-Term 428000-010, 428000-201, Lester 17823</p>
<p>54-81107CCW</p>  <p>Hitachi OSGR Starter 9T, CCW, 10 Spline 25.5mm Gear OD, 87mm L, For 18492, 18493 CCW</p>	<p>57-12039</p>  <p>Delco 39MT PLGR Starter 12V, CW, 115mm OD x 114mm L Delco# 10511404 Lester 6802, 6804, 6805, 6806 etc</p>	<p>76-82219-1</p>  <p>Denso PLGR Starter 43-Teeth, 52.4mm Gear ID, 70.7mm OD Lester 19044, 19045, 19173, 19174, 19180 ...</p>	<p>17824R</p>  <p>Denso OSGR Starter - Lexus 12V 2.0KW 9T CW 3-Term 228000-9200, Lester 17824</p>
<p>54-83019</p>  <p>Mando, Mitsubishi DD Starter 8T, CCW, 4 Spline 28mm Gear OD, 56mm L, Ref 54-8330</p>	<p>57-22009</p>  <p>Ford PMGR Starter 97mm L x 78mm OD, w/6 Magnet Black painted, Ref 57-2209</p>	<p>76-83102</p>  <p>Mitsubishi PMGR Starter 42-Teeth, 47mm Gear ID Lester 17479, 17726, 17796 ... Ref 76-83820</p>	<p>17802N</p>  <p>Denso OSGR Heavy Duty Starter 12V 4.0KW 13T CW 3-Term 228000-842, Lester 17802</p>
<p>54-83020</p>  <p>Mitsubishi PMGR Starter 10T, CW, 8 Spline 28mm Gear OD, 51mm L, Ref 54-8335</p>	<p>57-8201</p>  <p>Denso OSGR Starter 12V, 1.4kw RA type 75.70mm OD, 62.42mm L, Ref 57-8201</p>	<p>76-918009</p>  <p>Bosch 108 Series PMGR Starter 37 Teeth, 47mm Gear ID Lester 16980, 17164, 19668 ... Ref 76-91809</p>	<p>17672R</p>  <p>Denso OSGR Starter - Toyota 12V 1.8KW 9T CW 3-Term 228000-408, Lester 17672</p>
<p>54-82710</p>  <p>Denso OSGR Starter 9T, CCW, 18 Spline 29mm Gear OD, 83mm L, Lester 17170, 17242 etc</p>	<p>57-8204</p>  <p>Denso OSGR Starter 12V, 1.4kw, CW, RA type, w/two Stud Denso 028100-6510, Lester 17423, 17524</p>	<p>76-918015</p>  <p>Bosch 108 Series PMGR Starter 42-Teeth, 47mm Gear ID Lester 17148, 17236, 17756 ... Ref 76-91815</p>	<p>18144N</p>  <p>Denso OSGR Starter - Kubota 12V 1.4KW 9T CW 3-Term 228000-102, Lester 18144</p>
<p>54-82728</p>  <p>Denso OSGR Starter 9T, CCW, 10 Spline 29mm Gear OD, 102mm L, Lester 16730, 16886 etc</p>	<p>57-8212</p>  <p>Denso OSGR Starter 12V, 2.0kw, CW, RA type 78.7mm OD x 67.6mm L, Lester 17533 etc.</p>	<p>76-918023</p>  <p>Bosch 110 Series PMGR Starter Lester 17030, 17038, 17231, 17408, 17497, 17792, 17977, 18368 ... Ref 76-91823</p>	<p>17273R</p>  <p>Denso OSGR Starter - Acura 12V 1.4KW 9T CW 3-Term 228000-022, Lester 17273</p>

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Hardware	Solenoid Assy	Post Office	Diesel Starter
84-82008-1  Screw - Bearing Retainer (ND) M4 x 0.7 x 18mm L Ref 85-1208DIF	66-8111  Hitachi DD, OSGR Starters 3 Terminal Lester 17294, 17299etc Ref 66-8114	13870N  Denso Hairpin Alternator - Chrysler 12V, 160Amp, CW, 6 GV-OAP 421000-002, Lester 13870	HD-0201  Denso OSGR 12V, 2.5kw, CW, 13T Ford F250 - F350, 6.9L, 7.3L, 1985-1994 exclude Powerstroke
84-82057  Thru Bolt - ND Hairpin Small Case M5 x 0.8 x 76.70mm L Ref 949042-395, 949042-3950	66-8328-1  Mitsubishi DD, PMGR Starters 3 Terminal Lester 17246, 17686 etc, Ref 66-8327	3273R-ND  Denso OSGR - Ford 12V, 1.4kw, CW, 11T 428000-329, Lester 3273 modify	HD-0202  Denso OSGR 12V, 2.5kw, CW, 13T Mopar / Dodge Cummins 5.9L 1994-2003
84-82070  Screw - Rectifier - ND Hairpin M4 x 0.7 x 14mm L Zinc Plated	66-8337  Mitsubishi Starter 3 Terminal Lester 17046, 18487 Ref 66-8344	6330R-ND  Denso OSGR - GM 12V, 1.4kw, CW, 11T PIC 190-9080 Lester 6330 modify	HD-0203  Denso OSGR 12V, 2.5kw, CW, 13T Cummins Ram 2500, 3500, 4000 5.9L, 2003-2006
84-82117-D  Screw - Denso, Hitachi Starter M4 x 0.7 x 10mm Length Zinc plated steel	66-8236  Denso PLGR/PMGR Starters 3 Terminal LEster 19044, 19045 etc, Ref 66-8235	17784R  Denso OSGR - Chrysler, Dodge 12V, 1.2kw, CW, 10T 228000-764 Lester 17784	HD-0204  Denso OSGR 12V, 2.5kw, CW, 13T Ford F250 - F350, 7.3L, 1994-2003 Powerstroke
85-82001F-CCW  Nut - Pulley - Denso Hairpin CCW, M14 x 1.5 x 10.2mm Thickness Lester 11109, 11584,	66-8238-1  Denso PMGR Starters 3 Terminal Lester 17687, 17825 Ref 66-8226	19858R  Denso OSGR - GM 12V, 1.4kw, CW, 11T 428000-182 Lester 19858, 6415* modify	HD-0130  Denso OSGR 12V, 2.0kw, CW, 9T Ford SB V8 AT/MT 157/164 Flywheel 3/4" Depth
85-82012F-1  Flange Nut - Unserrated M8 x 1.25 x 7mm TH, Drive:14mm White zinc	66-8249  Denso PMGR Starters 3 Terminal Lester 10987, 19047 etc Ref ST-08232	18503N  Denso OSGR Heavy Duty-Blubird ... 12V, 2.7kw, CW, 11T 428000-031 Lester 18503	19029N  Denso PLGR - Dodge, Ram Truck 12V, 3.0kw, CW, 13T \$28000-333, 428000-611, Lester 19029

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