












Replacement **DENSO PLGR PA90 Heavy Duty STARTER**

| NO. | P/N | PHOTO | Description | Refer | Application |
|-----|----------|---|--|---|--|
| 1 | SN-10955 |  | 12V, 2.7kW, CW, 11T Wet/Oil Sealed | 5256155 428000-6800 | JLG Equipment Cummins QSB 3.3L |
| 2 | SN-16020 |  | 24V, 7.8kW, CW, 10T Wet/Oil Sealed | 4996709 428000-7120 190-6346 | Ingersoll Rand XP825-WCummins 6CTA 8.3L |
| 3 | SN-16096 |  | 12V, 2.7kW, CW, 10T Wet/Oil Sealed | 4996706 428000-7090, 91, 512800-0980 190-6307 | Various w/ Cummins ISF 2.8/3.8L QSB 5.9/6.7L |
| 4 | SN-19029 |  | 2V, 3.0kW, CW, 13T, Wet/Oil Sealed | 4934925, 4982056 68002981AA, 68049020AA 428000-3330, -3331,- 6110 190-799C, D, E | Dodge RAM Sterling Cummins ISB 07 5.9/6.7L 2007-09/14 |
| 5 | SN-19120 |  | 12V, 3.0kW, CW, 11T Wet/Oil Sealed | 428000-5120 90032414 | Cummins ISB 6.7L/ISB07 Bluebird Ottawa TRACTOR CAPACITY OF TEXAS TJ5000 |
| 6 | SN-19201 |  | 12V, 3.0kW, CCW, 11T Wet/Oil Sealed | 428000-5860, 61, 62, 63 97780071 2901232100, 8980886690, 91, 92 190-9073 | Chevrolet GMC Truck 2008- Isuzu 4HK1-TC 5.2L |
| 7 | SN-19334 |  | 12V, 4.0kW, CW, 10T Dry | 428000-7870 | Cummins ISC Series 8.3L/8.9L 2003-2007 |
| 8 | SN-19335 |  | 12V, 2.7kW, CW, 11T Wet/Oil Sealed | 428000-5310 428000-5311 428000-5312 | Cummins ISB ENGINES Thomas BUS |
| 9 | SN-19336 |  | 12V, 3.0kW, CW, 11T Wet/Oil Sealed | 428000-6980 28100-E0310A 190-6308 | Hino HD Trucks 2009-2013 |
| 10 | SN-19808 |  | 12V, 3.0kW, CW, 11T Wet/Oil Sealed | 428000-5230 190-9061 | Freightliner Custom Chassis Workhorse Cummins ISB 6.7L |
| 11 | SN-19856 |  | 12V, 3.0kW, CW, 10T Wet/Oil Sealed | 428000-6030, 428000-9910 87638510 190-6318 | Case / New Holland Loaders & Tractors |

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| 12 | SN-30483 |  | 12V, 4.8kW, CW, 10T Wet/Oil Sealed | 4996708 428000-7110, 428000-9940 190-6344 | Various w/ Cummins ISB 6.7L |
| 13 | SN-33321 |  | 24V, 4.8kW, CW, 10T Wet/Oil Sealed | 4996707 428000-7100 190-002 | Various w/ Cummins ISB 6.7L |
| 14 | SN-33334 |  | 12V 2.7KW 11T CW | 428000-4610, 11, 12 7H42-11001-AB, AC NAD500280 | Range Rover III 3.6L DSL 2006- |
| 15 | SN-82785 |  | 12V, 3.0kW, CCW, 11T Wet/Oil Sealed | 428000-5930, 31, 32 98092464 8980924640, 41, 428980924642 190-9074 | Isuzu Chevrolet GMC Truck 5.2L 2008- |
| 16 | SN-82786 |  | 12V, 4.8kW, CW, 10T Wet/Oil Sealed | 428000-5740, 428000-5741 RE539696, RE549229,SE502558 190-6387 | John Deere 4.5/6.8/9.0L |
| 17 | SN-82787 |  | 24V, 7.8kW, CW, 10T Wet/Oil Sealed | 428000-6900, 428000-9920 RE537519, RE539695, RE549230 SE502559, SE502823 | John Deere 4.5/6.8/9.0L |
| 18 | SN-82788 |  | 24V, 7.8kW, CW, 10T Wet/Oil Sealed | 4995641 428000-7140 190-6354 | Various w/ Cummins ISC 8.3L |
| 19 | SN-82789 | | 12V, 2.7KW, CW, 10T | 428000-9340 | Cummins ISB 2010 - 2013 |
| 20 | SN-82794 |  | 12V, 3.0kW, CW, 12T | 428000-4661,4662 428000-4262 28100-51090 28100-51060 | Toyota Landcruiser 200 V8 TD 1VD-FTV |
| 21 | SN-82795 |  | 12V, 3.0KW, CW, 11T | 428000-4620 | Hino 300 |
| 22 | SN-82796 |  | 24V 10T | | |