

PowerPro Extreme® 12

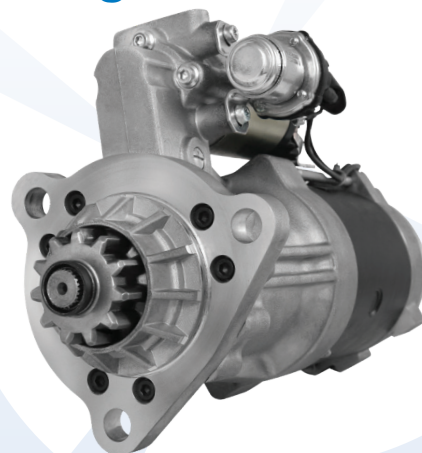
High-Torque, High-Output Heavy Duty Design

24V 12kW Starting Power

Weights 36 lbs. / 16.3 kg

Ideal for Diesel Engines Up to 40L

Engineered and designed to meet extreme operating conditions, PowerPro Extreme 12 premium starters include a host of critical and exclusive features that help to increase vehicle starting power and efficiency. The new PowerPro Extreme 12 starters fit a wide range of extreme-use heavy equipment vehicles, including single application 12L to 40L diesel engines and dual application up to 80L diesel engines. Each PowerPro Extreme 12 starter meets major OE engine manufacturer testing specifications, ensuring a simplified preventative maintenance program and a significant increase in vehicle uptime.



FEATURES

BENEFITS

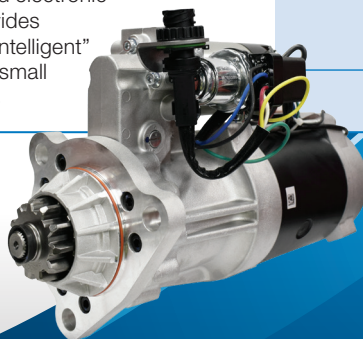
| | |
|---------------------------------------|---|
| Robust Armature Design | Reduces power loss & provides higher reliability for more consistent performance |
| Soft Start Relay | Ensures positive pinion engagement with the flywheel & reduces potential for ring gear damage |
| Integral Magnetic Switch (IMS) | Helps eliminate voltage drop issues by minimizing the ring distance between relay & solenoid |
| Fully Sealed Noseless Design | Adds service life & protects internal components |
| Rotatable Flange | Reduces expansive inventory needs & maximizes profit opportunities |

OPTIONAL FEATURE

iRelay® 'Intelligent Relay' Design



Helps protect the starter from premature failures commonly caused by excessive cranking, under-voltage cranking and pinion and ring gear tooth abutments by enabling flexibility to adjust specifications to meet OEM requirements for both single and dual starter applications through an added electronic module that provides programmable "intelligent" protection using small microprocessors



SPECS

| | |
|------------------------------|--|
| Engine Size | Up to 40L single & 80L dual |
| Voltage | 24V |
| Rotation | Clockwise |
| Mounting | SAE 3 |
| Pinion Data | M128715, SAE 3, 12 Tooth, 82.5° M128717, SAE 3, 12 Tooth, 37.5° M128713, SAE 3, 12 Tooth, 75° M128737, SAE 3, 11 Tooth, 45° M128738, SAE 3, 11 Tooth 75° M128739, SAE 3, 11 Tooth 45° |
| Output | 12kW |
| Weight | 36 lbs. / 16.3 kg |
| Operating Temperature | -40°C to 125°C |
| IMS Position | M128315 – 9 o'clock M128317 – 9 o'clock M128713 – 9 o'clock M128737 – 3 o'clock M128738 – 9 o'clock M128739 – 9 o'clock |
| Warranty | Truck Applications, Off road 1-year unlimited miles/hours* |

APPLICATIONS

- Agriculture
- Heavy Duty
- Off-Highway

PowerProStarters.com

* Check with your Prestolite representative for more details

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Unit Interchange Data

| | | |
|---------|-----------------------|---|
| M128315 | CATERPILLAR | 237-1962, 296-5687, 345-1354, 349-6530, 349-6536, 349-6542, 397-7492, 3T8967, 435-1240, 6V0587, 6V0890 |
| | CUMMINS | 3102253, 4095128 |
| | DELCO REMY† | 1109846, 1990231, 1990239, 1990274, 1993840, 8200016, 8200036, 8200259, 8200502, 8200534, 8200535, 8200536, 8200841, 8200937, 8201091, 8201189, 10461086, 10461157, 10461189, 10461377, 10461378, 10461744, 10465604, 10478852, 10478865, 10478883, 10478884, 10479145, 10479296, 10479330, 10479343, 10479365, 10479372 |
| | FORD | E2HT-11001-DA |
| | PERKINS | CH11441 |
| | PRESTOLITE | M125R3001SE |
| M128317 | CATERPILLAR | 145-8588, 183-3442, 269-2757, 276-8900, 307-3032, 322-9740, 327-2770, 330-0034, 331-4482 |
| M128713 | CATERPILLAR | 272-0309, 95820, 65B20, 3T8946, 6V0512, 6V0891, 6V0926, 7T4957, 9X7778 |
| | DELCO REMY† | 1109795, 1990228, 1990243, 1990287, 1993739, 1993839, 1993847, 1993989, 8200105, 8200496, 10461158, 10461400, 10461407, 10461748, 10465605, 10478847, 10478860, 10478864, 10478869, 10478903, 1047935 |
| M128737 | AC-DELCO | 323-761, 323-957 |
| | BERMAN | DS-12 |
| | CATERPILLAR | 6V0511, 6V0590, OR5213 |
| | CUMMINS | 173184, 3004700, 3021038, 3603868RX, 3604680RX |
| | DELCO REMY† | 1109222, 1109285, 1109286, 1109287, 1109288, 1109289, 1109290, 1109291, 1109292, 1109296, 1109298, 1109494, 1109553, 1109631, 1109638, 1109642, 1109643, 1109647, 1109649, 1109755, 1109759, 1109768, 1109771, 1109772, 1109773, 1109774, 1109775, 1109776, 1109777, 1109778, 1109780, 1109791, 1109831, 1109838, 1109839, 1109840, 1109841, 1109842, 1109845, 1109846, 1109961, 1109965, 1109972, 1109973, 1109977, 1109978, 1109979, 1109985, 1109986, 1990229, 1990235, 1990237, 1990248, 1990249, 1990250, 1990251, 1990260, 1990263, 1990269, 1990271, 1990273, 1990284, 1993825, 1993852, 8201049, 10461057, 10461125, 10461586, 10461739, 10478848, 10478863, 10478866, 10478880, 10478908, 10478911, 10479125, 10479339 |
| | DETROIT DIESEL | R0461125 |
| | FORD | D7HT-11001-AA, D8HZ-11002-C, E1HT-11001-DB, E2HT-11001-CA, E3HZ-11002 |
| | JOHN DEERE | RE10464 |
| M128738 | AC-DELCO | 323-872, 323-942 |
| | CATERPILLAR | 0R4272, 3L8205, 3T2780, 3T2785, 3T2787, 3T3778, 3T8947, 3T8949, 3T8954, 3T8967, 4M5615, 4N0959, 4N3343, 4N3349, 5L3648, 5L4405, 5L5353, 5L648, 5L8205, 5LG48, 5N2685, 6N9667, 6N9677, 6T0640, 6T0647, 6V0890, 8L8205, 9L6464, 9L6474, 9L6484 |
| | CUMMINS | 3000576, 3004699, 3010125, 3063771, 3603888RX, 3632274, 3632274RX |
| | DELCO REMY† | 1109293, 1109636, 1109782, 1109787, 1109798, 1109843, 1109987, 1990231, 1990239, 1990259, 1990262, 1990264, 1990266, 1990268, 1990270, 1990272, 1990274, 1990276, 1993840, 1993841, 1993860, 10461381, 10478865, 10478882, 10479126, 10479145, 10479190, 10479323 |
| | FIAT-ALLIS | 70620350, 70675686, 70697811, 73114229, 73130196, 73130197, 73130198, 73130627 |
| | HC-CARGO | 110347 |
| | ONAN | 191-1588, 191-2135 |
| | WAI GLOBAL | 50-111 |
| M128739 | CUMMINS | 3604687RX, 360468700RX |
| | DELCO REMY† | 10479339, 8200207, 8201153 |
| | KOMATSU | XA3660 |

†Delco Remy is a registered trademark of General Motors Corporation, licensed to BorgWarner PDS (Anderson) L.L.C.

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