

Prestolite
electric

Leece-Neville
HEAVY DUTY SYSTEMS

WORK TRUCK

TECHNOLOGY GUIDE

Heavy Duty Alternators

12V, 210 and 240 Amps



Severe Duty Starters

12V, 5kW



IdleProExtreme.com

PowerProStarters.com



Choose Leece-Neville for Reliability On the Road and At the Job Site



Industry-Best Output at Low Engine Speeds

IdlePro® alternators from Leece-Neville Heavy Duty Systems are engineered to deliver industry-leading output at low engine speeds, which is vital for vehicles that do most of their work at low RPMs while powering larger-than-usual electrical draws. These alternators are ideal for vehicles that make dozens of stops every day and run additional electrical components that place extra loads on the battery. IdlePro alternators help ensure batteries fully recover between stops, even when the vehicle never gets back up to full speed.

Dependable Power When and How You Need It

Lights on. Plow down. Frequent stops and starts. We know work trucks – from maintenance vehicles to delivery vans to refuse trucks – often operate in unique conditions, requiring power that satisfies critical electrical needs. IdlePro alternators are built to provide power across a wide range of operating environments, helping deliver consistent performance and minimized downtime.

No Throttle-Back Regulator Needed

Some alternators on the market can automatically reduce output as unit temperature rises. This feature, a throttle-back regulator, helps protect the alternator at the expense of related electrical system components. IdlePro series units do not have this feature and were carefully spec'd to survive high-heat environments, providing full output at high operating temperatures and helping protect related system components.

Isolated Ground Technology

Drawing on Prestolite Electric's global technology portfolio, each IdlePro alternator



has an extra advantage built right in: Isolated Ground Technology. This innovative feature protects the engine from potentially severe electrolytic damage caused by stray voltage.



IdlePro® Alternators

- Dual internal fan design maintains optimum bearing temperature, minimizing heat-related issues for longer service life
- Minimum of 63% output of unit's rated maximum output at engine idle*
- Remote sense-capable to return battery to full charge between stops and reduce charging time
- Ideal for use in extreme- and high-temperature environments
- eCoated and heavy duty housing for improved corrosion and vibration resistance
- 12V: 210- and 240-amp outputs



*Certain applications



The Leece-Neville IdlePro® alternator and PowerPro® starter series each deliver high quality and performance for a wide range of applications, including beverage delivery trucks, highway service vehicles, delivery box trucks, utility maintenance vehicles, dump trucks, refuse haulers and more. Innovative engineering and technology help ensure these products provide reliable starting and operating power in the most demanding conditions, specifically for vehicles that operate at low engine speeds and require power for secondary systems such as lift gates, hoppers, towing winches, plows, salt spreaders and more.



High Torque. High Efficiency. Unmatched Reliability.

The Leece-Neville PowerPro Extreme® 5 starter integrates the latest technologies to provide reliable performance for every start. Featuring a space-saving, lightweight package, this starter meets major OE engine manufacturer testing specifications, ensuring a simplified preventative maintenance program and a significant increase in vehicle uptime.

Power You Can Count On

When you need reliable power for your hardest working trucks, you need the Leece-Neville PowerPro Extreme 5 starter.

PowerPro Extreme® 5

- Industry-leading performance for 6- to 10-liter engines
- Sealed, noseless design protects against dust, oil and other contaminants
- Planetary gear reduction design
- Integral Magnetic Switch technology eliminates voltage drop
- Soft start relay technology prevents ring gear damage
- Just 21.5 pounds (9.8kg)
- All-new, no-core



*Check with your representative for complete details.

We Keep You Moving Forward with the Industry's Best Warranty

Available on qualifying Leece-Neville IdlePro alternators and the PowerPro Extreme 5 starter, the Prestolite Power Promise is an industry-best warranty, providing comprehensive coverage for truck applications, including a 3-year/unlimited mileage warranty for alternators and a 2-year/unlimited mileage warranty for the PowerPro Extreme 5 starter, and both offer an extended list of available qualifying failure claims. Contact us today to learn more!



Find the Parts You're Looking for Right Now!

Leece-Neville and Prestolite Electric alternators and starters can be found quickly and easily via the Prestolite Electric VIN lookup application at www.peivinlookup.com. Use the flexible search function to find parts by number, description, VIN number or brand, and further narrow your search with product attributes including voltage, kW rating, mount type, pinion pitch, amperage, polarity and more.

For More Information Visit:



Contact Your Sales Representative Today!

7585 Empire Drive • Florence, KY 41042 • (800) 354-0560

Learn more
@PrestoliteElectric

