

Leece-Neville Heavy Duty Systems  
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**For immediate release:**

**Leece-Neville Announces Upgrade of 4000 Series High Amp Alternators**

**Arcade, NY USA, [19-March-2007]:**

Leece-Neville Heavy Duty Systems Division of Prestolite Electric announced today the re-design of its popular high amperage 4000 series alternators. "We have been the one of the industry leaders in discussing the effects that the new EPA compliant engines have had on operating temperatures under the hood." says Scott Miller, Director of Aftermarket Sales. "We started upgrading our products to live in these high temperatures before the first round of those new engines hit the road in the fall of 2002. Our high amp, 4000 series alternators are already rated for 110°C applications, but we know that 2007 and 2010 engines are going to be even hotter. We can't afford to rest there, we know that we have to get these alternators ready to survive in applications up to 125°C."

The design changes include the implementation of a solid lead frame design for both internal and external rectifiers that are used in the 200, 270 and 320 amp versions of the 4000 series alternators. The design of these lead frames greatly reduces the number of wiring connection points within the alternator. These connection points will now become permanently welded or will be part of the mechanical assembly of the alternator. This design greatly increases the alternators resistance to high temperatures and vibration.

"The first phase of these improvements will be put in place in new 200, 270 and 320 amp models starting in the 2<sup>nd</sup> or 3<sup>rd</sup> quarter of this year." Miller explains. "These phase 1 improvements solidify the design of the units and also greatly improve our manufacturing processes, capacity and reliability. The phase 1 design will provide a stable platform from which we can make the additional upgrades necessary to attain the 125°C rating target. Those additional improvements will be part of the phase 2 design, and will be available in selected models by the end of 2007. All current models will be superseded to the new models as we go through this process."

For more information regarding Leece-Neville's 4000 series alternators, contact our sales representatives or visit our website at [www.prestolite.com](http://www.prestolite.com).

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*Prestolite Electric is a global manufacturer of alternators and starter motors selling into niche markets for heavy-duty (truck, bus, emergency, off-road), military and industrial applications. These are supplied under the Prestolite Electric, Leece-Neville and Indiel brand names for original equipment and aftermarket application on a variety of vehicles and industrial equipment. Headquartered in Ann Arbor, Michigan, Prestolite has operations in Arcade, NY; Florence, KY; Greenford, England; Buenos Aires and San Luis, Argentina; and Beijing, China.*

