

2451 HP™

HEAVY DUTY ALTERNATOR
Performance Output: 160 Amps



24SI HP™

Cool new standard for the aftermarket

The Delco Remy
24SI™ HP is the
updated version
of the 22SI™.

It provides higher
output and better
cooling, meeting
the demands of
engines from years
2004 and higher.

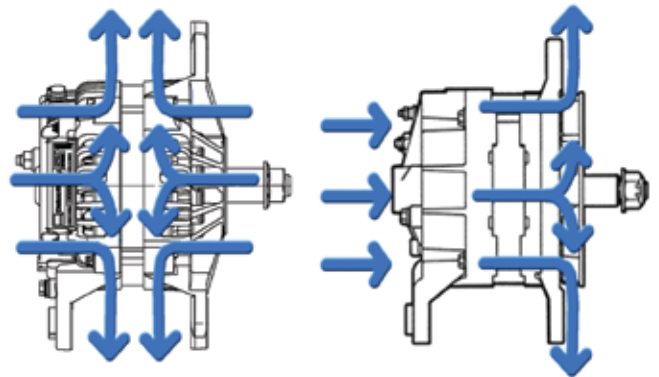
MAXIMUM COOLING TECHNOLOGY

Leading the list is a new Maximum Cooling Technology that's specially designed for today's higher under-hood temperatures.

The 24SI HP has a dual internal fan (DIF) design that provides Maximum Cooling Technology. Dual fans mean greater air circulation over the alternator electronics. That allows the alternator to run at lower temperatures which improves the operating efficiency and durability of the unit.

The diagrams demonstrate how the new 24SI HP draws air in from both the drive and terminal ends of the alternator, circulates it over the internal components and then out through air vents in the frame. The result is an alternator that runs dramatically cooler.

Contrast that with the conventional design at the right. With a single, external fan, air is drawn in from the terminal end and passes through the length of the alternator to exit through the fan. The higher operating temperature reduces the unit's efficiency and durability.



**24SI HP
Dual Internal Fan
Technology**

**Conventional
External Single Fan
Technology**



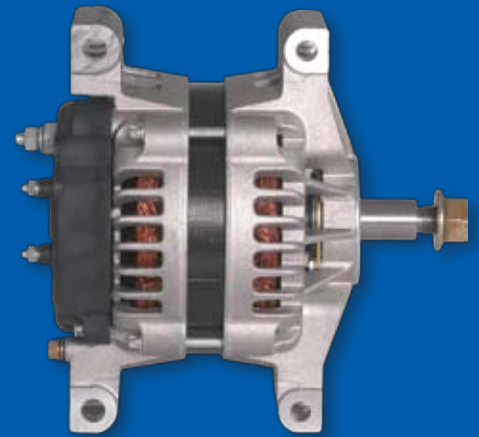
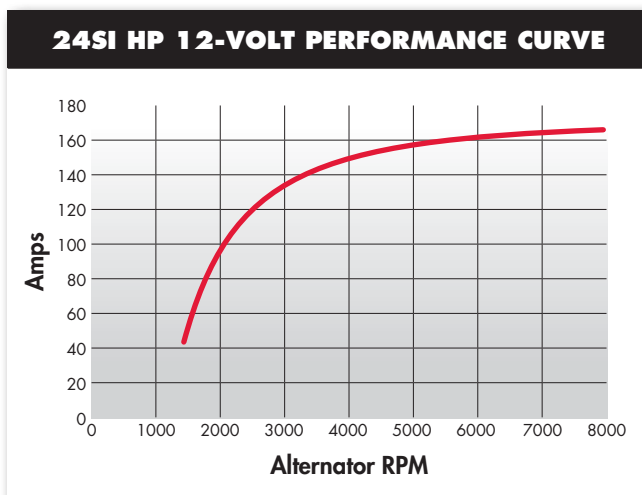
MAXIMUM PERFORMANCE

The 24SI HP has been designed to cope with the ever-increasing electrical loads on today's vehicles. It produces 160 Amps of output at road speeds, and 100 Amps at low engine idle speeds. And, of course, efficiency of operation always translates into fuel savings.

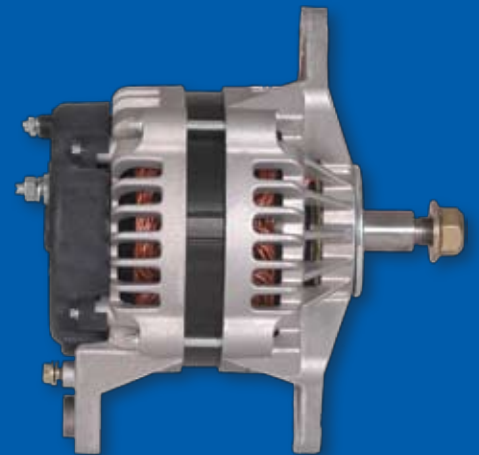
24SI FEATURES

- OE approved. Over 500,000 installed as original equipment.
- Compact in size and lightweight
- Superior output at low RPM – 100 Amps at idle
- Improved cooling with dual internal fans

SPECIFICATIONS	
24SI HP™	
Performance Output	12 Volts 160 Amps (100 Amps at idle)
Maximum Speed	10,000 RPM Continuous 12,000 RPM Intermittent
Rotation	Clockwise
Pinion Data	Low: -40°C (-40°F) High: 105°C (221°F)
Polarity	Negative Ground
Mounting	J180 Hinge Mount Pad Mount
Weight	7.7 kg (16.2 lbs)



PAD MOUNT







HINGE MOUNT



Competitive Comparison/Cross Reference

SIDE-BY-SIDE COMPARISON			
Specifications	Delco Remy 24SI HP	Leece Neville 110-555	Bosch AI9960LH
Rated Output Voltage	14.0	13.8	14.0
Output @ 2000 rpm	100 Amps	96 Amps	94 Amps
Output @ 6000 rpm	160 Amps	160 Amps	155 Amps
Overall Diameter	150.0 mm	170.1 mm	147.2 mm
Length	213.7 mm	222.5 mm	206.5 mm
Total Mass/Weight	7.7 kg	8.7 kg	6.9 kg
Fan for Cooling	Dual Internal Fan	External Single Fan	Dual Internal Fan
DE Bearing	62 mm	62 mm	52 mm
Bearing Protection	Slinger Protection	Unprotected	Unprotected
Rotor Shaft	25 mm	25mm	17 mm

UPGRADE FROM COMPETITIVE ALTERNATORS	
Leece Neville	Replace With Delco Remy
 LN 110-555JHO	 New Service - No Core 24SI 8600310
 LN 110-555PHO	 New Service - No Core 24SI 8600889

24SI HP™
 Maximum Cooling
 Technology



Warranty: New service models - 1 year, unlimited miles

Remy Inc. is a leading global manufacturer of Delco Remy brand heavy duty starters and alternators, light duty starters, and electric motor technology for EV and hybrid vehicles. A powerful legacy for over 100 years, today Remy International is engineering the future of the vehicle industry.



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