



Heavy Duty
Starters & Alternators
from BorgWarner

CONNECT

APRIL 2016

55SI™: Power Density and Efficiency at its Finest

24 volt now available in J180 mount (8600564)



With powerful performance, a compact size and high efficiency, this heavy duty alternator is unmatched in the market today.

When you need the most power possible, nothing but the Delco Remy 55SI alternator will do. The 55SI is the highest output Delco Remy alternator—not to mention the highest output machine in its class. With powerful performance, a compact size and high efficiency, this heavy duty alternator is unmatched in the market today. And, now, the 55SI 24 volt is also available in the J180 mount. A 12 volt version in this mount style will be available later this year.

12 and 24 volt options

Designed for vehicles with significant electrical loads, the 55SI is available in both 12 and 24 volts and used on a number of applications where maximum alternator performance is required.

12 Volt

- Used on utility/work trucks to power inverters, plug-in power tools, lights and other electrical equipment
- Ideal for highway trucks with multiple battery auxiliary power units
- Replacement for a dual alternator system to free up space under the hood for other accessories

24 Volt

- Used on wheel loaders, graders, mining equipment and other off-highway vehicles
- 250 and 275 amp models provide high output performance at engine idle for applications with significant electrical loads

MODEL INFORMATION

Model	Mount	Part #	B+ Terminal	Application
12V 430 Amp	Pad	8600529	1/2"	Fire trucks and medium & heavy duty trucks
24V 250 Amp	Pad	8600581	5/16"	Transit and off-highway vehicles
24V 275 Amp	Pad	8600580	5/16"	Transit and off-highway vehicles
24V 275 Amp	J180	8600564	5/16"	Transit and off-highway vehicles

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Tech Tip: How to Use a Voltmeter

A voltmeter is a common tool that technicians use. This instrument is used to do the following:

- Check for AC or DC voltages
- Measure resistance
- Measure amperage

In our latest Tech Tip videos, we show you how to complete those tests using both an auto-ranging as well as a manual voltmeter.

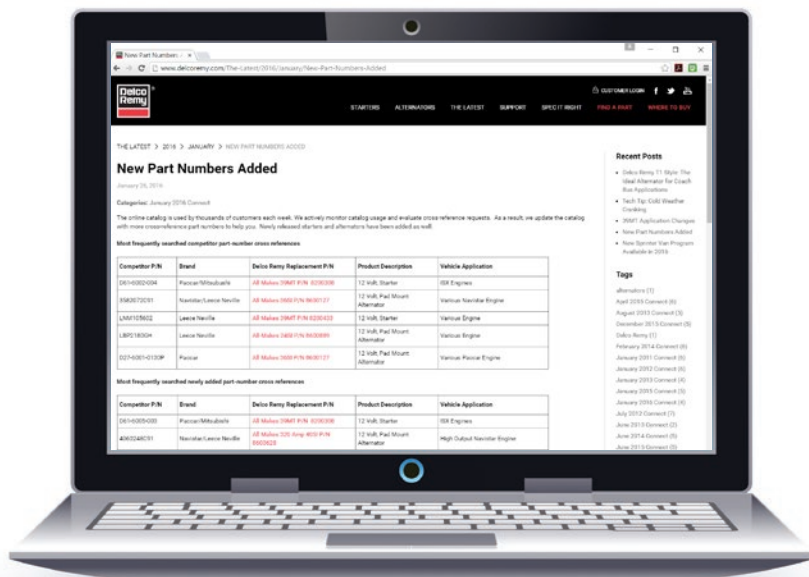


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www.youtube.com/user/delcoremy100



New Part Numbers

Go to The Latest at delcoremy.com to find a listing of recently released part numbers and new cross references.



55SI™: Power Density and Efficiency at its Finest *(continued from page 1)*

Now and in the future

While the 55SI offers customers many benefits today, one of its most attractive features is its future-readiness. It was purposely designed to handle today's electrical needs as well as what's to come in the next several years for commercial vehicles.



Features & Benefits

- **Powerful performance:** 12 volt, 430 amp and 24 volt, 250 and 275 amp models provide high output performance at engine idle for applications with significant electrical loads.
- **Brushless design:** Fewer moving parts provide less wear-and-tear and a longer life.
- **High efficiency rating:** There's less engine horsepower requirements and more fuel savings, thanks to its industry-high 80% efficiency rating.
- **Smart cooling:** With a clockwise fan rotation, the 55SI can take the heat of fierce, under-the-hood temperatures.
- **Remote sense:** This innovative feature can reduce battery charge time by 50%.
- **Compact size:** Weighing in at 43 pounds with the frame length of only 8 inches, the 55SI's size opens up more engine mounting space.

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Industry Support



Todd Cross, Fleet Sales Manager (center), was recently honored by the Truck Maintenance Council (TMC) of the American Trucking Association with the organization's Recognized Associate Award for his contributions to the improvement of equipment, maintenance and support of TMC activities. Cross, a TMC member since 1995, has served on the Meeting Mechanic and Sergeant-at-Arms Committees. He's also has been active in the S.1 Electrical Study Group and is currently chairman of the S.1 RP Updates Task Force.

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Left to right: Nick Tosie, Steve Hillis, and Randy Andis

TENACIOUS CUSTOMER SERVICE

Nick Tosie, Regional Sales and Service Manager, and Randy Andis, Director of North American Aftermarket Operations, were honored by B&C Truck Electric recently with the company's annual Bull Dog Award. The award is given annually to partners who provide outstanding performance in training of sales and customer service.

Steve Hillis, owner of B&C Truck Electric, is pictured with the men.

Send your creative shot to
delcoremyconnect@borgwarner.com
for a chance to score a spot in our next issue.

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