Marner BorgWarner



BorgWarner Invests in Manufacturing Plant for Delco Remy[®] Genuine Products

BorgWarner is making significant investments in its plant located in San Luis Potosi, Mexico. The plant produces Delco Remy brand starters and alternators for customers worldwide.

The investment is being used for:

- Next-generation products
- Infrastructure upgrades to increase capacity, improve first-time quality and prepare for further product enhancements
- Advanced training and ergonomic improvements for employees

"We're very excited about this investment," says Randy Andis, Director, Commercial Vehicle at BorgWarner. "It reinforces BorgWarner's long-term commitment to the Delco Remy brand. All the efforts combined will lead to greater efficiency, improved cycle times and more robust quality processes and for our customers, even higher satisfaction with delivery and performance."

Employee-led Efforts

Andis says that one of the things that makes these plant upgrades unique is that many of the ideas are being brought forward by employees.

"The employees who are doing the jobs day in and day out have some really smart ideas for how to improve processes and production," he says.

FAST FACTS about the San Luis Potosi Plant

- 215,000 square feet
- Produces more than 2.5M units per year
- Manufactures commercial vehicles and automotive starters and alternators
- Key manufacturing processes
 - Final assembly
- Rotors, stators, armatures, solenoids
- Electronics assembly, shafts and drives
- Heavy-duty specialized assembly field coils



Tech Tip: Diagnosing Starting Systems Equipped with Smart IMS

Our latest tech tip focuses on the diagnostic procedure of a starting system equipped with a Smart IMS starter. It's important to note that some of the Smart IMS features could be misdiagnosed as a starting problem. These features help protect the starting system.



The procedure for a Smart IMS-equipped starter is similar to that of any standard starter.



(continued on page 3)

New All-Makes Part Numbers for 55SI™

We have released new All-Makes part numbers for the 55SI[™] Heavy Duty Brushless Alternator. These should now be used when you're ordering aftermarket parts.

MODEL INFORMATION

OE Part #	Amps	Volts	All-Makes Part #	Mounting	
8600529 8600629	430	12	61006079		
8600581 8600635	250		61006080	105MM Long Pad Mount	
8600557	275	24	61006091		
8600580	275		01000001		
N/A	420	12	8600473		
8600453 8600483 8600737	250	24	61006082	80MM Standard Pad Mount	
8600434	270		61006007		
8600480	275		61006083		
N/A	430	12	61003345	1100 Llinga Mount	
61002316	275	24	8600564	JISO HINGE Mount	





Want to learn more about the 55SI™? Download our free brochure: tinyurl.com/55SIBrochure

Tech Tip: Diagnosing Starting Systems Equipped with Smart IMS

(continued from page 2)

Certain Smart IMS Features May Prevent Cranking

When diagnosing either a click/no crank or no click/no crank condition, keep in mind the Smart IMS features that could also prevent cranking—these are normal and should not be confused with genuine starting problems.

These features include:

- Limiting cranking time to 20 seconds with a 10 second delay before re-engagement, reducing damage caused by excessive cranking.
- A three-second delay after each start attempt to assure the engine and starter have come to a complete stop, protecting the pinion and ring gear from milling damage.
- Preventing starter engagement if battery open circuit voltage is below 11.75 volts on a 12 volt system, preventing solenoid disk chatter and terminal overheating.
- Preventing starter engagement if battery voltage is 13.75 volts or greater, protecting the starter from engagement into a running engine.



Watch our Tech Tip video about diagnosing starting systems equipped with Smart IMS. Visit tinyurl.com/DelcoRemyYouTube today!

CONNECT

Thermal Part Numbers Continue to Expand

Part Number

We continue to expand our coverage of thermal products for the independent aftermarket. Eight new part numbers have been added for key applications for a total of 25 parts numbers. More part numbers are expected to be released by year's end.

- The additions to the thermal product line are designed for:
 - Three Sprinter van vehicles
 - Three commercial vehicle work trucks
 - Two Freightliner Cascadia products

Win a Spot for Your Shot



The Borg-Warner Trophy made a special appearance at the new Noblesville facility for the Grand Opening celebration in June.

Send your creative shot to delcoremyconnect@borgwarner.com for a chance to score a spot in our next issue. Go to The Latest at **delcoremy.com** to download your own Delco Remy branded sign.

i are i anno ei	Description	Application
020003576	Fan Drive	Sprinter
020004440	Fan Drive	Sprinter 2006 low cut in temp
020004442	Fan Drive	Sprinter
020005483	Vistronic Drive 882B	Cascadia
020005011	XD11 Fan with 32" Diameter	Cascadia
010011648	Fan Drive Assembly MDD Series	Dodge
010020619	Fan Drive Assembly MDD Series	Ford Super Duty
010023151	Fan Drive Assembly MX10 Series	Ford Super Duty

New Part Numbers

Go to The Latest at **delcoremy.com** to find the following:

- Newly released heavy duty starters
- New part number cross references
- Most frequently searched competitor part number cross references

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Follow Us Online

Stay connected to what's happening with Delco Remy genuine starters and alternators on the BorgWarner social media pages.



Facebook: BorgWarner Inc



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