

Delco Remy

SOLUTIONS



Still Setting the Pace in Starter Technology

Delco Remy 39MT Now Features Powerful New Maximum Torque Technology



compact design paired with powerful, maximum torque output.”

Delco Remy has addressed the rapidly evolving power, weight and space requirements of today's heavy duty engine compartments with a new line of high-output, light-weight starters.

Delco Remy MxT™-equipped 39MT starters are designed to ensure dependable performance and reliability in virtually any operating environment and are spec'd as standard equipment on several OE Class 8 vehicles. The Delco Remy 39MT produces high torque with a lower-mass design – all made possible by Maximum Torque Technology.

“The 39MT MxT Series starter is proof of our commitment to develop customer-focused, technologically brilliant products,” said Delco Remy Heavy Duty Marketing Director J. Stanley Saunders. “The new MxT Series offers our fleet customers the best of both worlds: a smaller, more

39MT MxT Series starters are offered with optional Overcrank Protection – ideal for any adverse starting condition – to ensure successful starts in even the harshest environments.

Also incorporating a variety of advanced features engineered to ensure unsurpassed reliability, the 39MT features a heavy duty Electrical Soft-Start Engagement System that eliminates milled ring gears and pinions; a contamination resistant sealed noseless configuration for faster, easier installation; a sealed solid-link solenoid, eliminating contact welding in low-voltage situations and providing extra corrosion protection; and a heavy duty bearing/bushing system that extends motor life and improves reliability.

“The 39MT MxT Series is a sure-fire addition to any productive fleet,” Saunders said.

Andis Answers

Randy Andis, Delco Remy's director of fleet services, answers your questions about vehicle electrical systems. Contact Randy via e-mail at andis.randy@delcoremy.com.

- Q:** For the field, can you replace a straight-driver starter like a 42MT with a gear-reduction starter?
- A:** You can, but there are additional considerations to worry about. A gear-reduction starter like any MxT Series unit will fit in the place of a straight-drive unit, but most magnetic control circuits cannot handle the high current draw required by gear-reduction starters over an extended period of time. The best choice is to install another straight-drive unit.
- Q:** Are gear-reduction starters built with “soft-start features?”
- A:** Delco Remy 38MT and 39MT starters – both MxT Series starters – feature an electronic soft-start design that eliminates milled ring gears and pinions by guaranteeing proper engagement before cranking. Occasionally, conventional starters allow a ring-to-pinion abutment that may result in early wear.
- Q:** Do gear-reduction starters weigh less than straight-drive starters?
- A:** Yes. For example, 38MT and 39MT MxT Series units are at least 45 percent lighter, and are more compact than comparable straight-drive starters.

Technical Toll-Free Hotline: 1-800-372-0222

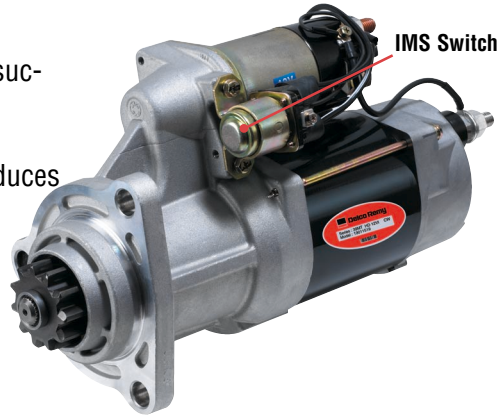
Is Your Vehicle in Spec?

The Delco Remy IMS Solution

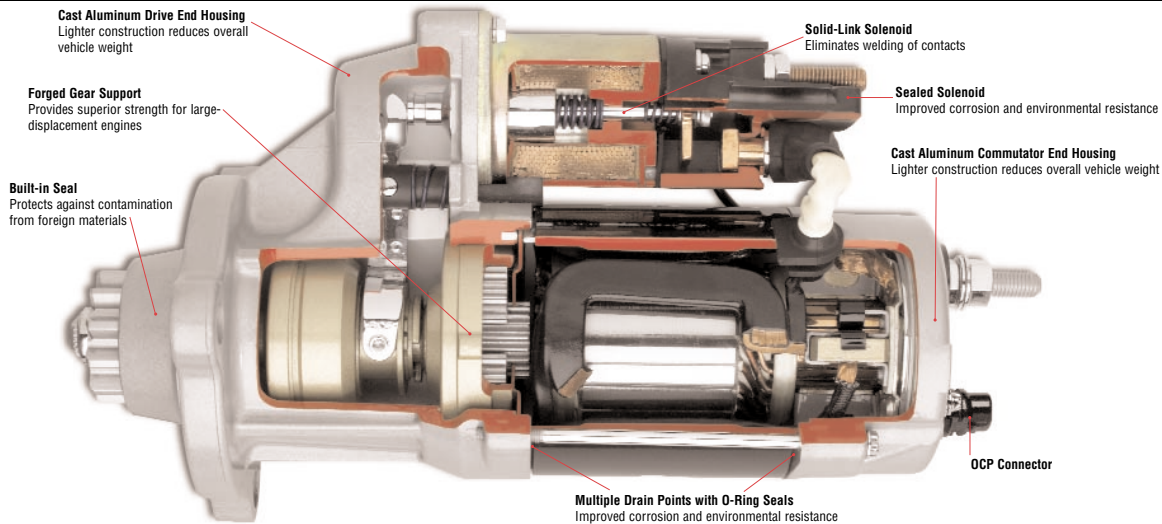
Starting performance can be adversely affected by electrical system voltage drop.

Delco Remy has engineered an OEM-approved Integral Magnetic Switch (IMS) that ensures the highest quality starter control circuit. Designed to replace OEM magnetic

“relay” switches that may not successfully handle the amperage requirements of MxT starters. Utilization of an IMS switch reduces the control circuit amperage requirement for MxT starters from 300 Amps to 4 Amps and ensures proper starting performance.



The MxT Series Starter



Delco Remy® MxT Heavy Duty Starters

Series	OE Model	New Service	Reman	Engine	Application
39MT -12V	19011500	19011531	10461334	Mack E7	Mack
39MT -12V	19011505	19011531	10461334	Mack E7	Mack
39MT -12V	19011506	19011518	10461753	Cummins ISX	Various Heavy Duty
39MT -24V	19011507	19011522	10461754	Cummins ISX	Various Heavy Duty
39MT -12V	19011508	N/A	10461755	Cummins	Various off road
39MT -24V	19011509	19011523	10461756	Cummins	Various off road
39MT -12V	19011510	N/A	10461757	Cummins	Various off road
39MT -24V	19011511	19011524	10461758	Cummins	Various off road
39MT -24V	19011512	N/A	10461759	Cummins	Various off road
39MT -12V	19011513	N/A	10461760	Cummins	Various off road
39MT -12V	19011514	19011514	10461773	Mercedes MB4000	Freightliner Century Class
39MT -12V	19011516	19011516	10461777	Cummins ISX	Various Heavy Duty
39MT -12V	19011517	19011517	10461757	Cummins ISC/ISL	Freightliner Business Class/Sterling Condor
39MT -12V	19011518	19011518	10461753	FL - ISX/DD 60/C15	Freightliner Century Class
39MT -12V	19011531	19011531	10461334	Mack E7	Mack