

**COMMUTATOR END HOUSING REPLACEMENT INSTRUCTIONS
FOR 29MT, 38MT AND 39MT HD STARTERS**

This kit contains parts to replace the Commutator End Housing on a 29MT, 38MT or 39MT HD Starting Motor.

WARNING!!! ALWAYS USE PROPER EYE PROTECTION WHEN PERFORMING ANY MECHANICAL REPAIRS TO A VEHICLE – INCLUDING, BUT NOT LIMITED TO, ANY INSTALLATION AND OR REPAIRS TO THE DELCO REMY STARTING MOTORS. FAILURE TO USE PROPER EYE PROTECTION CAN LEAD TO SERIOUS AND PERMANENT EYE DAMAGE.

Only perform the mechanical functions that you are properly qualified to perform. Mechanical repairs that are beyond your technical capabilities should be handled by a professional installation specialist.

FOLLOW ENGINE AND/OR VEHICLE MANUFACTURER'S INSTRUCTIONS CAREFULLY WHEN REMOVING AND INSTALLING THE STARTER.

REMOVAL INSTRUCTIONS

DANGER!!! ALWAYS DISCONNECT BATTERY GROUND BEFORE REMOVING OR REPLACING CABLES AT THE STARTER. FAILURE TO DISCONNECT THE BATTERY GROUND CABLE CAN LEAD TO SERIOUS INJURY.

1. Remove Vehicle Leads connected to the Starter, noting their positions for reinstallation of Starter.
2. **39MT Starters** -Remove the Ground (-) terminal assembly, Brush Holder fastener assembly, Retainer on optional Over Crank Protection Connector, carefully noting parts orientation for reassembly.
3. **29MT & 38MT Starters** - Remove the two (2) Brush Holder screws.
4. Remove and dispose of the Commutator End Housing or Commutator End Housing assembly.

INSTALLATION INSTRUCTIONS

1. Install new Commutator End Housing or Housing assembly.
2. Apply Loctite to the Starter Thru-bolts Threads, install and torque to **7.7-9.8 Nm (68-87 lb in)**.
3. **29MT & 38MT Starters** – Reinstall Brush Holder screws and torque to **2.4-3.0 Nm (21-26 lb in)**.
4. **39MT Starters** –Reinstall Ground (-) terminal assembly, Brush Holder fastener assembly, Retainer on optional Over Crank Protection Connector. Torque the Ground (-) terminal nut to **24.5-27.5 Nm (18-20 lb ft)** and the Brush Holder fastener assembly nut to **7.0-11.0 Nm (62-97 lb in)**.
5. Reattach leads to Starter Ground (-) cable, if it has one, and torque nut to **24.5-27.5 Nm (18-20 lb ft)**.
6. Reconnect the Negative (-) cable at the Battery.

Contents:

29MT & 38MT 1 –Commutator End Housing 2 –Bolt Assemblies 1 –Instruction Sheet

39MT 1 –Commutator End Housing 1 –Instruction Sheet