

STATOR ASSEMBLY REPLACEMENT INSTRUCTIONS FOR 24SI™ ALTERNATORS

NOTICE! It may be necessary to obtain **Miscellaneous Hardware Kit** to replace parts that may be damaged or lost during disassembly.

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® ALTERNATORS. 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.

DANGER!!! To avoid injury or damage, always disconnect the negative cable at the battery before removing or replacing the alternator. The alternator output terminal is always live (“hot”). If the battery is not disconnected, a tool accidentally touching this terminal and ground can quickly get hot enough to burn skin or damage tools and surrounding parts.

FOLLOW ENGINE OR VEHICLE MANUFACTURER’S INSTRUCTIONS CAREFULLY WHEN REMOVING AND REINSTALLING THE ALTERNATOR.

REMOVAL INSTRUCTIONS

1. Remove vehicle leads connected to the alternator, noting their positions for reinstallation of the alternator.
2. Remove the slip ring end (**SRE**) cover.
Caution ! Avoid excessive heat when melting or soldering connections. Excessive heat may damage the terminals or leads, causing premature alternator failures.
3. Apply enough heat to stator lead connections to melt the solder and carefully pry the wire crimps open, three (3) places.
4. Remove the pulley nut, pulley, drive end slinger and external drive end spacer.
5. Remove the four (4) thru-bolts that hold the drive end and slip ring end frames together.
6. Remove the drive end frame assembly.
7. Do not remove the internal drive end spacer from the rotor.
8. Remove and dispose of the old stator.

INSTALLATION INSTRUCTIONS

1. Install the new stator assembly and leave the leads loose temporarily.
2. Reinstall the drive end frame assembly, being careful to line up the non-threaded mounting lugs.
3. Reinstall the four (4) thru-bolts and torque to **7.8-9.2 N-m (90-120 lb in)**.
4. Crimp and solder terminals of rectifier assembly to leads of stator assembly, three (3) places.
5. Reinstall slip ring end cover and torque the mounting screw assemblies to **2.2-2.8 N-m (19-25 lb in)**.
6. Reinstall the external drive end spacer, drive end slinger, pulley and pulley nut. Tighten the Pulley Nut to **80-115 N-m (59-85 lb ft)**.
7. Reinstall alternator according to engine or vehicle manufacturer’s instructions.
8. Reattach the battery (+) terminal lead to alternator battery terminal and torque nut to **9.0-13.0 N-m (80-120 lb in)**.
9. Reconnect the negative (-) cable at the battery.

Technical support: USA 800 854 0076, Mexico 01 800 000 7378, Brazil 0800 703 3526, South America 55 11 2106 6510 or visit delcoremy.com

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