

STARTING MOTOR INSTALLATION INSTRUCTIONS

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 STARTER. 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.

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

1. Disconnect battery ground cable and note position of wires connected to starter. Identify wires so they can be re-connected to the same terminals. Disconnect wires before removing starter, if possible. If not possible, disconnect wires as starter is removed from engine.
2. Remove starter mounting bolts and retain for installation. (As starter is removed from engine, note position of shims and/or spacer washers which will also be used for installation in exact location of removal. Shims may be stuck to either engine mounting area or to starter mounting area.)
3. Clean wire terminals so that bare metal is present for a good connection.
4. Connect wires to starter if they were disconnected after original starter removal, using nuts provided in package.
5. Place starter and shims in proper place and tighten mounting bolts. (Failure to insert shims in proper position could cause damage to starter and/or flywheel.)
6. Connect starter wires if not previously done, using nuts provided in package.
7. Clean battery ground cable terminal and battery terminal. Also, clean other battery terminal and cable terminal. Reconnect battery cables, connecting ground terminal last.

NOTE: After installation, periodically check for loose or corroded battery or starter terminals. Often times, what appears to be a defective starter is nothing more than a problem with the connections, or a discharged battery.

NOTICE: On starters with two small leads connected to the solenoid, if nothing happens when switch is turned to "start", reverse two wires as they may have been connected in reverse. When only one small wire is to be connected to motor solenoid which has two small terminals, it should be connected to the small terminal identified with the letter "S".

Some starters have a thru-bolt extension at the end frame for attaching a heat shield or damper used on some engines. However, if the old starting motor had a threaded hole in the frame for attaching the shield/dampener, the shield/dampener will not fit the thru-bolt extension. On those engines where the shield/dampener will fit, it should be attached to the starter. However, where it will not fit, simply leave the shield/dampener attached to the engine.