



INSTALLATION INSTRUCTIONS

Chrysler Denso Style Starter

51330G

IMPORTANT

**BATTERY CABLES MUST BE DISCONNECTED PRIOR TO INSTALLATION!
CAREFULLY READ THESE INSTRUCTIONS BEFORE INSTALLING.**

This starter is intended for use on 1964-2003 Chrysler 5.2 & 5.9l, 225, 273, 318, 340, 360, 361, 383, 400, 426 and 440 CID engines with a 12 volt negative ground electrical system.



Starter with OE style terminal block



Starter with OE style terminal block removed to provide additional clearance.



Remove and discard OE style terminal block if additional clearance is required

Proper installation of this starter is the responsibility of the installer. Improper installation will void your warranty and may result in vehicle damage or personal injury. If you have any installation questions, call our Tech Service personnel at 270-781-9741.

Starter Removal

1. Disconnect Battery cables at the battery.
2. Disconnect the wires attached to the original starter. Be sure to note which wire(s) attach to specific terminals.
3. Unbolt and remove the original starter.
4. Compare the original starter to the new starter and verify that the new starter nose assembly is the same length and comparable to the original starter nose assembly.
5. Clean the starter mounting surface and cable ends if necessary. It is very important that the cable ends are clean and not corroded. The wiring must be in good condition – without any cuts or fraying.
6. Inspect the starter ring gear. If the ring gear is missing any teeth or are ground down, the ring gear must be replaced.

Starter Installation

1. Mount starter and torque fasteners to OE specifications.
2. Connect wires to the same terminal locations as originally installed.
3. Note that the Tuff Stuff starter uses an OE style terminal block to simplify wiring hookup. In some cases there may be a clearance issue in using the OE terminal block. If there is not enough clearance between the terminal block and the engine block, remove and discard the terminal block and run the wires directly to the starter.
4. Reconnect the battery cables and start the engine. The starter should operate quietly and smoothly.

CAUTION: NEVER OPERATE THIS STARTER MOTOR MORE THAN 30 SECONDS AT A TIME WITHOUT ALLOWING IT TO COOL FOR AT LEAST TWO MINUTES.

Overheating caused by extended cranking will damage the starter motor and void warranty.