



INSTALLATION INSTRUCTIONS

6124, 6131 & 6132 PMGR Starters for Fords

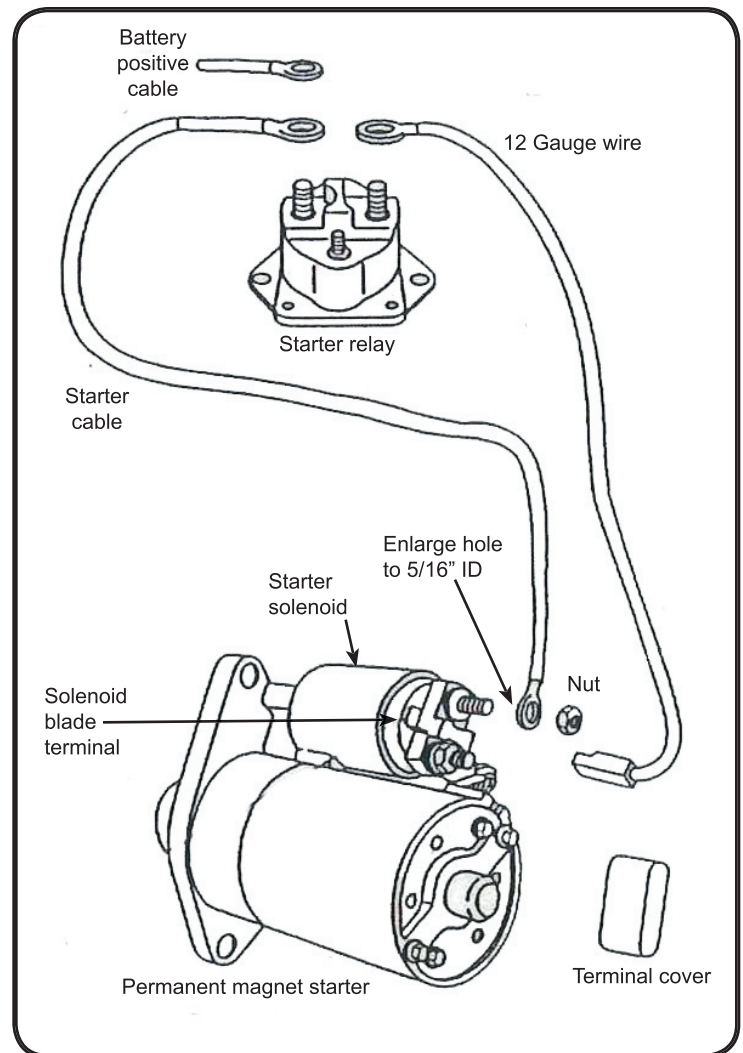
CAREFULLY READ THESE INSTRUCTIONS BEFORE ATTEMPTING ANY MODIFICATIONS!

Proper installation of this starter is the responsibility of the installer. Improper modification or installation will void your warranty and may result in vehicle damage or personal injury. If you have any installation questions, refer to your factory shop manual or call our Tech Service personnel at 216-961-1800 from 7am to 4pm EDT.

IMPORTANT!

BATTERY CABLES MUST BE DISCONNECTED AT BATTERY PRIOR TO INSTALLATION. THIS STARTER IS DESIGNED FOR 12-VOLT NEGATIVE GROUND ELECTRICAL SYSTEMS. NEVER OPERATE THIS STARTER MOTOR FOR MORE THAN 30 SECONDS AT A TIME WITHOUT ALLOWING IT TO COOL FOR AT LEAST TWO MINUTES. EXCESSIVE CRANKING TIME WILL OVERHEAT AND DAMAGE THE STARTER MOTOR AND VOID WARRANTY. ALL INSTRUCTIONS & PROCEDURES MUST BE FOLLOWED FOR A SUCCESSFUL INSTALLATION.

- 1-Disconnect the negative battery cable.
- 2-Remove the starter cable from the starter relay and reconnect it to the opposite terminal on the relay. The battery cable and the starter cable will now be on the same relay terminal.
- 3-Attach the #12 lead supplied in the kit to the starter relay post where the starter cable was removed. Route this wire along the starter cable and secure with wire ties.
- 4-Remove the field-wound starter.
- 5-Remove the starter cable from the starter.
- 6-Enlarge the starter cable terminal hole to 5/16" and flatten – or remove anti-rotational tabs if they are present on the starter cable.
- 7-Make sure that mounting surface of the engine is clean and smooth.
- 8-Install the permanent magnet starter. Torque starter bolts to 38 ft lbs.
- 9-Attach the starter cable to the starter solenoid terminal using the nut included in the kit.
- 10-Attach the #12 lead to the starter solenoid blade terminal - switch terminal. Make sure that the connection locks into place.
- 11-Snap the terminal cover provided in the kit over the two starter solenoid posts. Reconnect the battery cables and test starter.



LIMITED ONE YEAR WARRANTY

For complete warranty information, visit www.tuffstuffperformance.com