

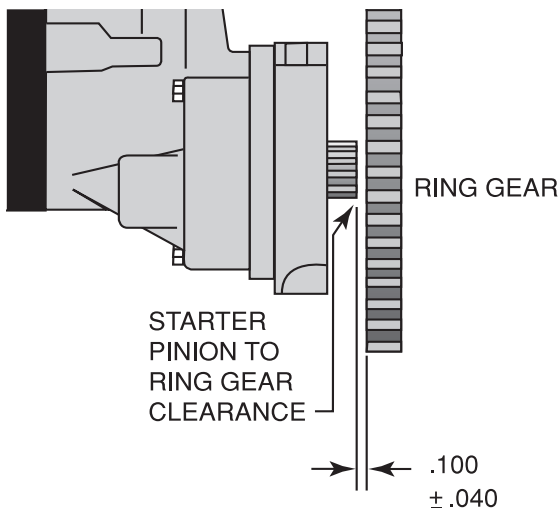


RACING STARTER INSTALLATION INSTRUCTIONS

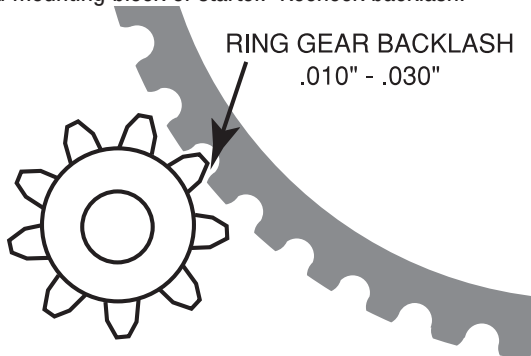
Please follow the installation instructions and mounting procedures listed on this sheet to get the maximum performance from your new racing starter.

- Once the starter is mounted, you need to check the clearance between the starter pinion and the ring gear. The clearance must be $.100'' \pm .040''$ (check at different points on flywheel) in the disengaged position. If the starter pinion is too close to the ring gear, remove mounting block and place the round shim on the starter pinion underneath the mounting block. Replace mounting block, mount starter and recheck the clearance. If the starter is still too close to the ring gear or too far away, please contact your local dealer or AFCO Racing Products Tech Support for a solution.

NOTE: Mounting block bolts should be torqued to 28ft. lbs.



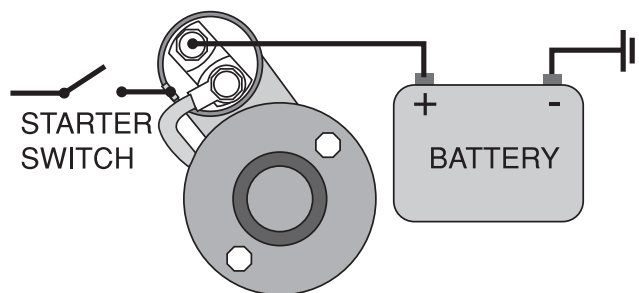
- Once the correct amount of clearance has been gained between the starter pinion and ring gear, the backlash must be checked. With the starter pinion engaged (can be held with a screwdriver) into the flywheel, there should be $.010''$ to $.030''$ of backlash between them. If it is too tight, use the rectangular shims provided and place between engine block and mounting block of starter. Recheck backlash.



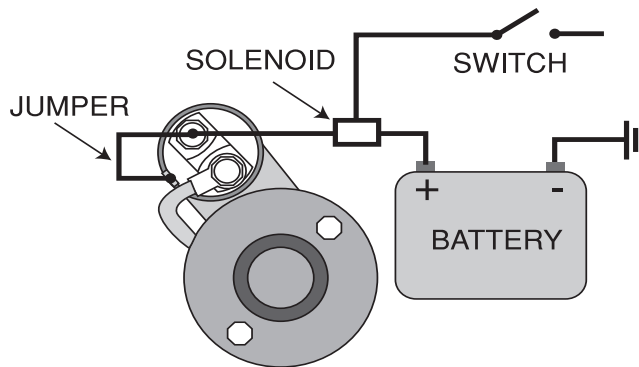
- **If more backlash is required, the rectangular shims provided with the starter can be purchased from your local auto parts store.
- Should there be any interference with the oil pan, engine block or any other part of the race car, the mounting block on the starter is indexable, so it can be rotated to provide clearance where it is needed.

WIRING DIAGRAMS

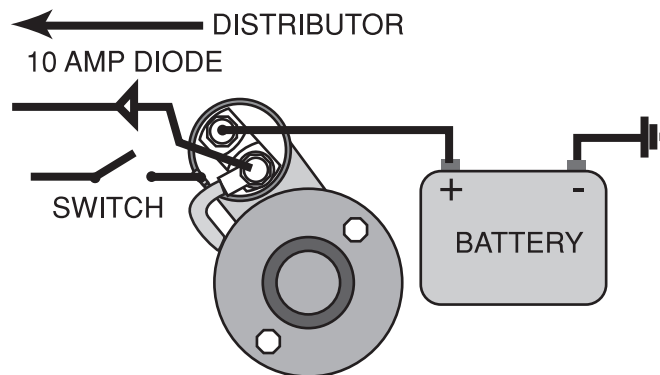
- STANDARD (GM)** - Connect positive lead of battery to the top stud of the solenoid on starter. Connect starter switch to the spade connection on the side of the solenoid.



- REMOTE SOLENOID (Ford & Chrysler)** - Connect remote solenoid to top stud of the solenoid on starter. Using jumper provided with starter, connect jumper to top stud of solenoid then to spade.



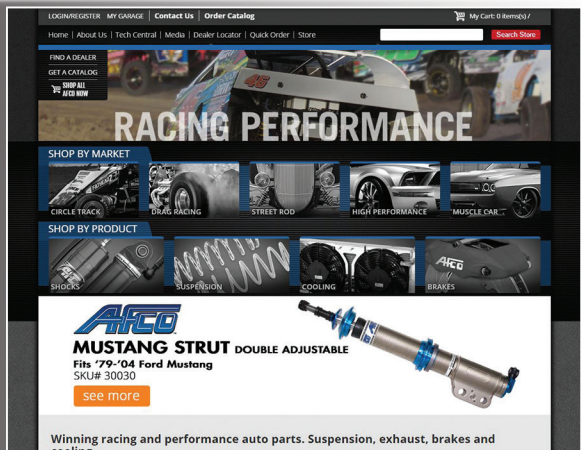
- IGNITION RESISTOR BYPASS** - Connect positive lead of battery to top stud of the solenoid on starter. Connect existing bypass wire to bottom stud of the solenoid on starter. NOTE: A 10 amp diode must be placed in bypass wire to prevent voltage feedback.





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