

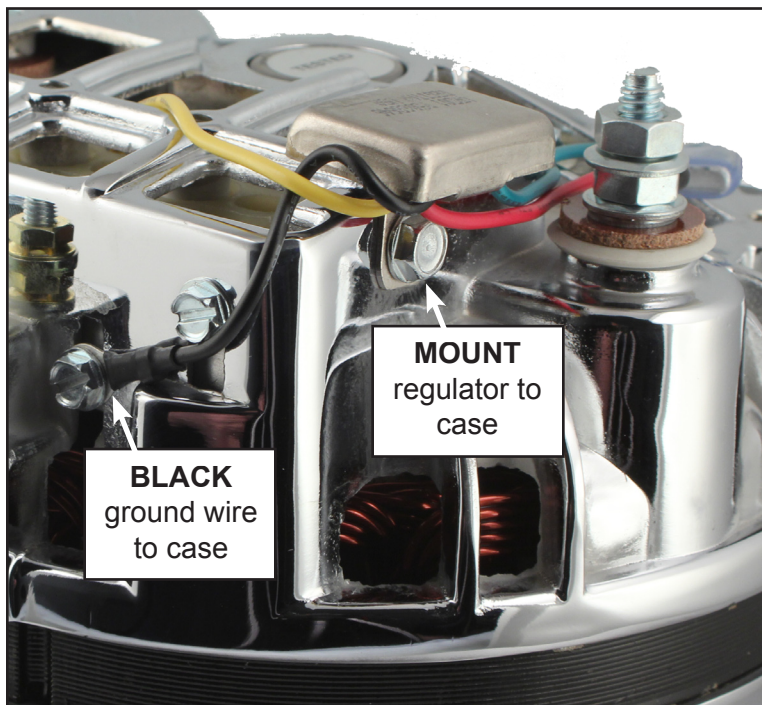


7530B REPLACEMENT 1-WIRE VOLTAGE REGULATOR FOR 8509 & 9509 CHRYSLER ALTERNATORS

CAREFULLY READ THESE INSTRUCTIONS BEFORE ATTEMPTING ANY MODIFICATIONS!

Proper modification of this alternator 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, call our Tech Service personnel at 216-961-1800 from 7am to 4pm EDT.

Current 2nd Gen

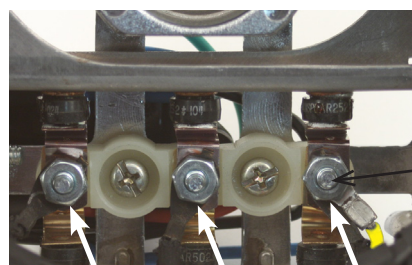
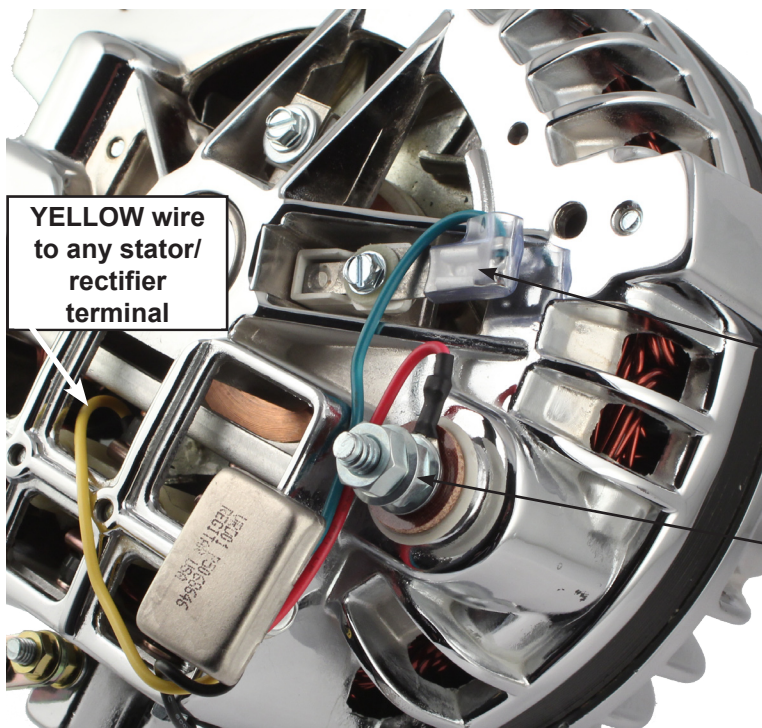


DISASSEMBLY

- Disconnect both battery cables and remove alternator from vehicle.
- Scribe or mark a line across the case sides to note the case index position.
- Remove the brush holders.
- Remove the three bolts securing the cases. **The stator must remain in the rear case and the rotor will remain in the front case.**

ASSEMBLY

- Mount the voltage regulator as shown in the photo.
- Connect the **BLACK** ground wire to the case as shown.
- Connect the **RED** wire to the positive battery terminal as shown.
- Route the **YELLOW** wire through the alternator case and attach it to any one of the rectifier/stator terminals. Make sure that there is no excess wire inside the case. It needs to exit the case as shown below.
- Attach the **GREEN** wire to Brush holder #1, the one closest to the battery terminal as shown below.



GREEN wire to brush holder #1

RED wire to battery terminal

- Reassemble the cases. Verify that the cases are indexed properly and that the rotor spins freely. Reinstall the case bolts - do not over tighten the bolts.
- Reinstall the brush holders.
- Reinstall alternator, reattach the wiring and tension the belt, then check that the alternator is charging. Using a VOM meter, verify that the alternator is charging 13.8 volts at 1,000 RPM.