

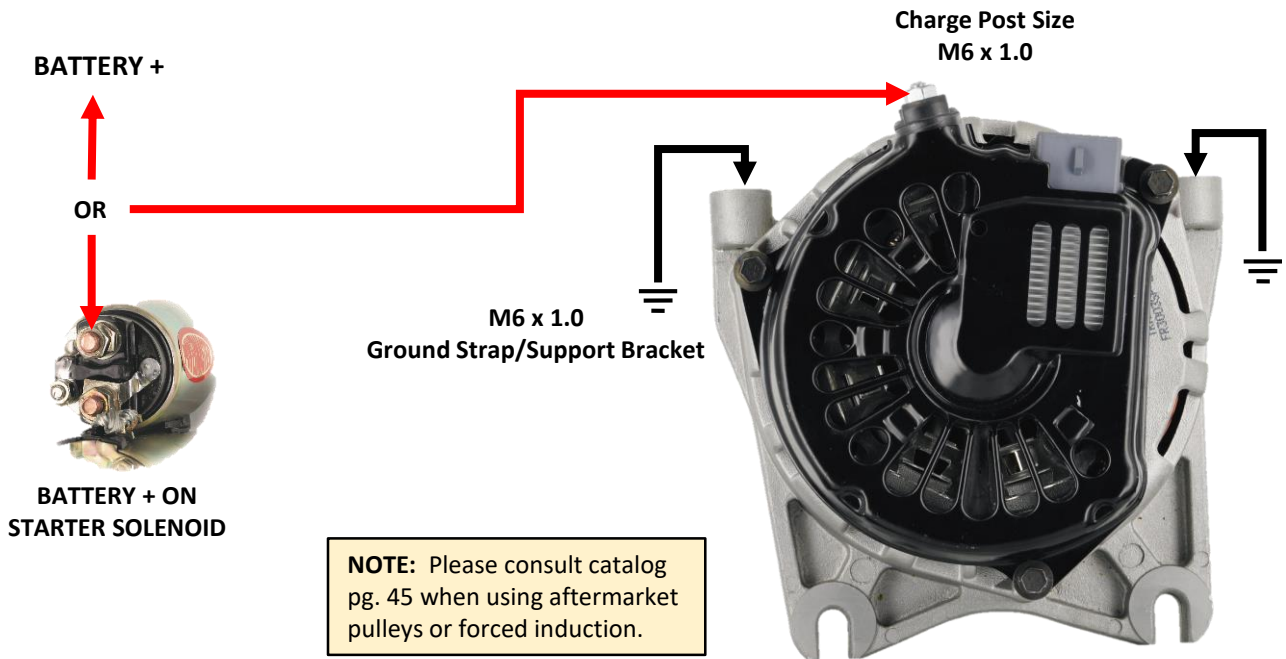


# WIRING INSTRUCTIONS

## Ford 4G Alternator (ONE WIRE ONLY)



### Wiring Instructions for 4G 1 Wire Upgrade



### **Disconnect Battery Negative (-)**

### **READ ALL INSTRUCTIONS IN BOX!**

#### **Charge Wires:**

140 Amp Alt. use 6 gauge up to 6 ft.

200 Amp Alt. use 4 gauge up to 6 ft.

**Alternator Ground:** Many mounting brackets are powder/clear coated, painted, or plated. The alternator will not ground properly without a ground wire from the Alt. housing to the engine block. (This wire should match charge wire size)

**Battery must have a clean ground to engine block.**

**Wire Connections:** Be sure all terminals are crimped securely, and connections are clean and tight.

**Belt Tension:** Inspect belt for signs of cracking or glazing. Replace if needed. **A loose belt will cause intermittent charging and generate excessive heat resulting in premature unit/bearing failure.**

For V belt units follow attached pulley tag.

**A fully charged battery is at least 12.6V, not 12.0V.** A weak/defective battery will cause premature failure. **Never disconnect the battery with engine running!** This causes voltage spikes that will damage the alternator.

**DO NOT EXCEED 18,000 ALTERNATOR SHAFT RPM**

(See Catalog pg.45 for more info)

**FAILURE TO FOLLOW THESE INSTRUCTIONS MAY VOID YOUR WARRANTY**

Warranty void if unit is soaked in Oil or Mud