

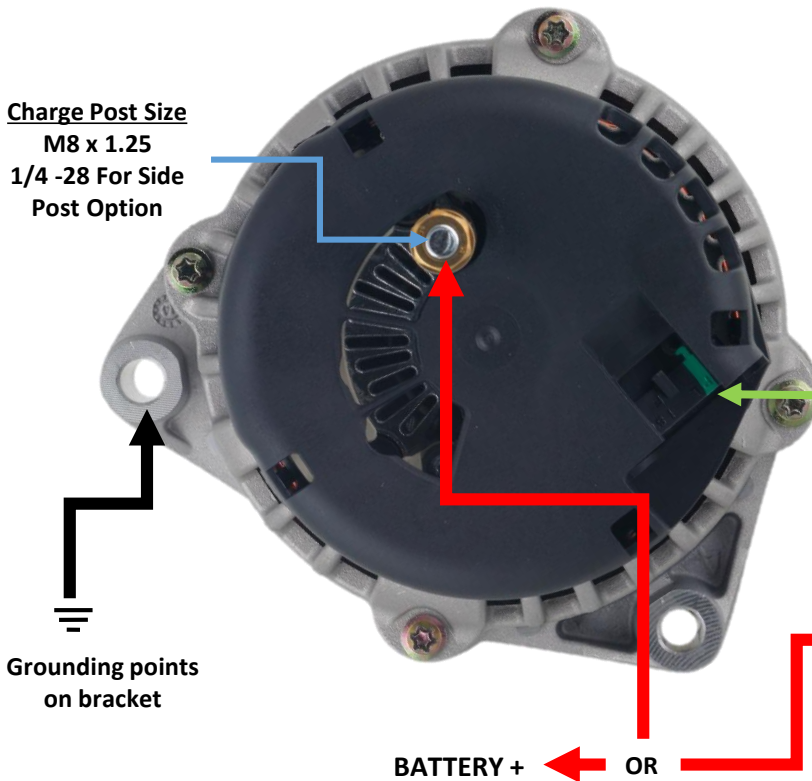


# WIRING INSTRUCTIONS

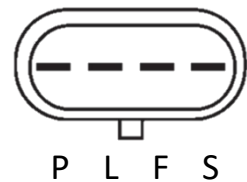
GM CS130D Alternator  
(OE Hookup ONLY)



**Charge Post Size**  
M8 x 1.25  
1/4 -28 For Side  
Post Option



O.E. Plug **ONLY**



**BATTERY + ON  
STARTER SOLENOID**

Grounding points  
on bracket

**BATTERY + OR**

**Disconnect Battery Negative (-)**

**READ ALL INSTRUCTIONS IN BOX!**

**Charge Wires:**

120 Amp Alt. use 6 gauge up to 6 ft.  
165 Amp Alt. use 4 gauge up to 6 ft.

**Alternator Ground:** Many mounting brackets are powder/clear coated, painted, or plated resulting in poor grounding. **ALL** alternator and bracket mounting points **MUST** be bare metal.

**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 belt/tensioner 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**