



WIRING INSTRUCTIONS

Ford 3G/4G Alternator (OE ONLY)

3G



4G



NOTE: This alternator is designed for vehicles already equipped with factory 3G/4G Ford wiring connections.

BATTERY +

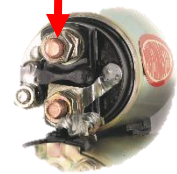
Charge Post Size
M6 x 1.0

OE Ford 4G
Connector

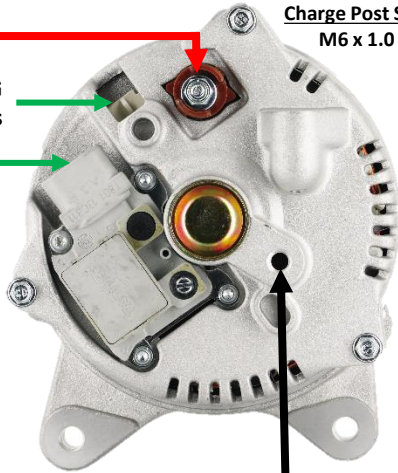
OR

Charge Post Size
M6 x 1.0

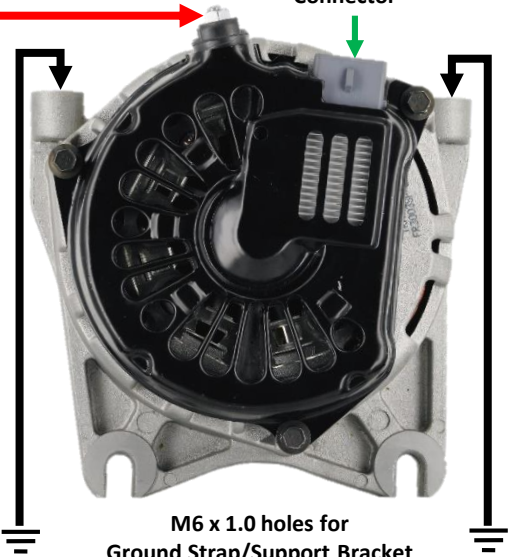
OE Ford 3G
Connectors



BATTERY + ON
STARTER SOLENOID



M8 x 1.25 hole for
Ground Strap



M6 x 1.0 holes for
Ground Strap/Support Bracket

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