



WIRING INSTRUCTIONS

Ford 3G Alternator (ONE WIRE ONLY)



Replaces these OEM Alternators



OEM Ford 2G
Int Regulator
1987-93



OEM Ford 1G
External Regulator
1965-86

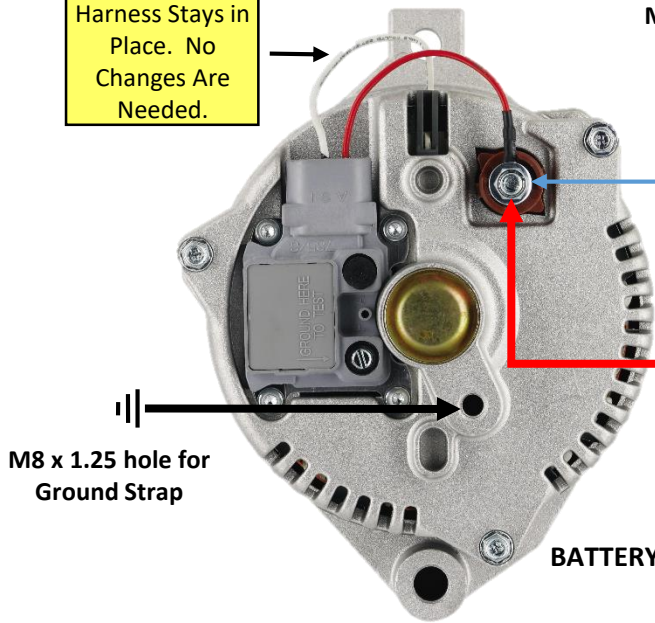
Wiring Instructions for Internal & External Regulator to 3G 1 Wire Upgrade

The Pre-Wired
Harness Stays in
Place. No
Changes Are
Needed.

Charge Post Size
M6 x 1.0



On 1986-1993 Ford
Vehicles Do Not use OEM
2G Style Plug.



M8 x 1.25 hole for
Ground Strap

BATTERY +

OR



BATTERY + ON
STARTER SOLENOID

Disconnect Battery Negative (-)

READ ALL INSTRUCTIONS IN BOX!

Charge Wires: (DO NOT Use OEM Battery Plug-in)

120/140 Amp Alt. use 6 gauge up to 6 ft.

155/200 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)