

Wiring Instructions Powermaster Ford 3G Alternator

Alternator P/N's 37759 47757 47759 57759 Adapter harness included

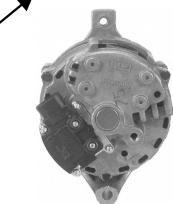


Tech Dept
(630) 849-7754

Powermaster 3G Ford Upgrade Alternator



Replaces these OEM Alternators

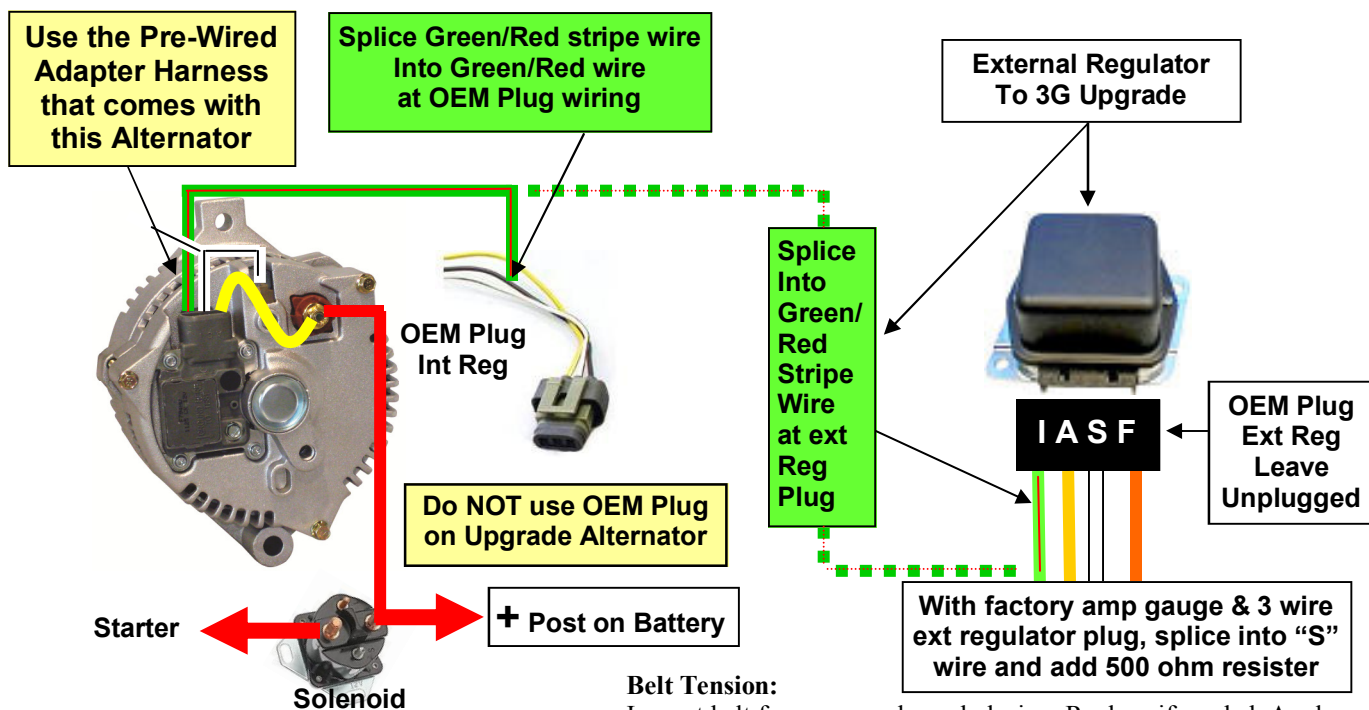


OEM Ford 2G Int
Regulator
1987-93



OEM Ford External
Regulator
1965-86

Wiring Instructions from Internal & External Regulator to 3G Upgrade



READ ALL INSTRUCTIONS IN BOX!

Charge Wires: (OEM Battery Plug-in NOT Used)

130 Amp Alt. use 4 gauge charge cable
200 Amp Alt. use 2 gauge charge cable

Alternator Ground:

Many mounting brackets are powder coated or plated. The alternator can not ground properly with these coatings. Check ground resistance or just run a ground from the alternator to engine. Using at least an 8 gauge wire.

Battery must be grounded to engine block.

Wire Connections:

Be sure all terminals are crimped and soldered, and connections are clean and tight.

Carbureted Engines w/Electric Choke:

Connect choke wire to white/black stripe wire at alt. plug

Belt Tension:

Inspect belt for wear cracks and glazing. Replace if needed. Apply leverage to front housing only. Tighten belt, then check deflection normally 3/8-1/2". Place a pull handle and socket on pulley nut and turn clock-wise, try to make pulley slip. If pulley slips, re-tighten belt.. Recheck belt tension after running for 15 minutes.

V-belts will slip unless they are very tight.

Battery Condition:

Charge and load test battery before starting engine. The alternator isn't designed to recharge a weak or defective battery. Alternator damage can occur.

Never disconnect the battery with engine running. High voltage spikes will occur that damage the alternator and other components.

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

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