

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

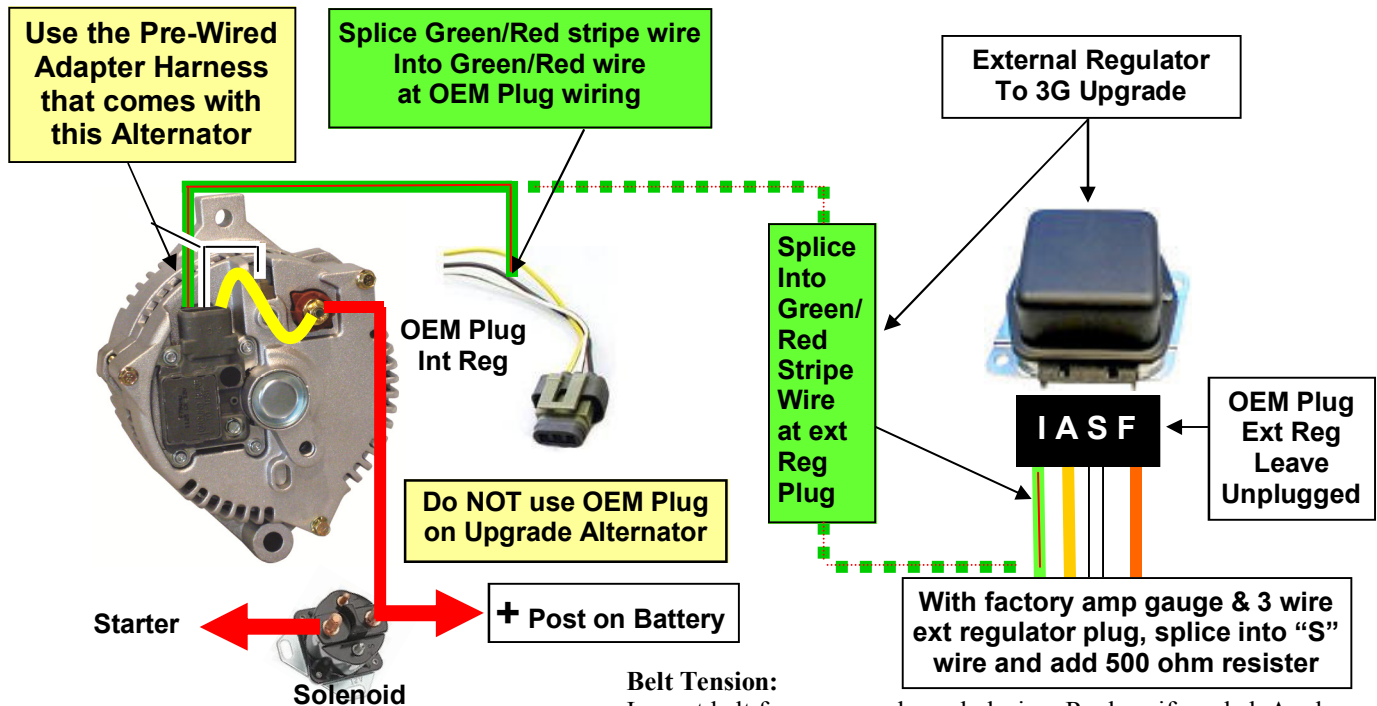


OEM Ford 2G Int
Regulator
1987-93



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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