

1955-57 Ford Thunderbird

Generator Removal & PowerGen installation

P/N's 82155, 182155, 28155, 82155-2, 182155-2, 28155-2, 82156, 182156, 282156

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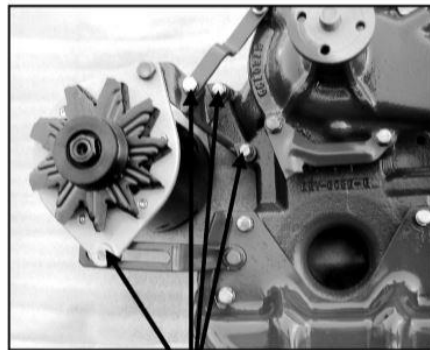
Generator Removal

Disconnect the battery by removing the ground cable from the negative post. Remove generator wiring. To remove the generator you will have to remove the generator and cast iron bracket together. Place a drain pan under the front of the engine. Once the bolts are removed, coolant will leak out of the water jacket. Remove generator and bracket assembly. Remove the generator mounting bolts and note the orientation of the rear mounting bolt. This bolt must be installed in the same orientation for proper block clearance.

PowerGen Installation IMPORTANT! "Use Extreme Caution to Protect the Unit's Finish"

Install PowerGen to mounting bracket, temporarily snug the bolts. If there is a gap between the PowerGen mount and engine mounting bracket use flat washers to shim until no gap is evident. Install the mounting bracket to engine. Thread sealant is recommended to ensure coolant will not leak by the threads. Torque to mfg specs. Install new 1/2" width V belt. A shorter belt may be required since the PowerGen pulley OD is smaller than the OE pulley. Follow the attached pulley tag for proper belt tension. Remember "Alternator tight, not generator loose".

Generator Mtg Bracket



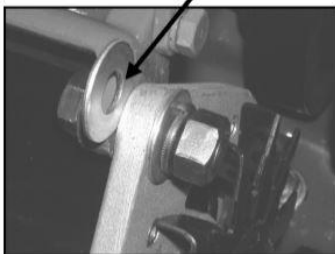
Mounting Bracket Bolts

Install Bolt from Rear

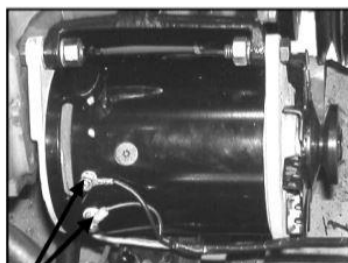
Install Bolt from Front



Check for Gap & Install Shim if Needed



Connect Wiring per Instructions on Page 2



Charge Lamp and Ground Terminals



Battery Output Terminal