PS-153 ALTERNATOR for OEM POWER STEERING (pump on generator) on 1955-59 CHEVROLET CARS & TRUCKS

PLEASE FOLLOW THESE DIRECTIONS EXACTLY TO PREVENT DAMAGE TO THE NEW ALTERNATOR UNIT.

Disconnect the NEGATIVE cable from the battery. Leave the positive cable connected.

Drain the power steering pump. The easiest way is to remove the hoses from the valve on the linkage and drain into a pan.

After draining the pump at the valve, remove the power steering hoses from the pump. Use a rag as shown to catch any residual fluid. Remove the pump from the generator.

Remove all the wires from the generator. Do not cut wires. Lay wires aside.

Loosen adjusting brace hardware and remove belt. Remove lower mounting hardware and remove generator. Leave bracket on exhaust manifold.

Verify the existing bracket length, it should be about 6-5/8” measured from outside to outside of the mounting ears. If needed, order PS-136 generator bracket.

Install new alternator onto bracket using hardware provided. The short bolt is for the front frame, the long bolt is for the rear frame. Install washers under the bolt heads and under the nuts, see next step too.

Install a washer between the rear frame and the bracket to achieve a good fit. Snug the hardware just enough to still allow the alternator to pivot. Do not overtighten.

Install belt and adjusting brace with hardware provided. Tighten brace, tension belt as per shop manual.

Attach existing double brown wire to alternator terminal marked “DASH LAMP”. Existing blue wire will not be used.

Remove brown wire and blue wire at voltage regulator. Cut brown wire and insulate end, or leave uncut and insulate terminal end.
<table>
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<th>Stage</th>
<th>Description</th>
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<tr>
<td>1. Installing Charge Wire</td>
<td>Install small end of new black charge wire to the terminal marked “BATTERY”. Install large end of charge wire to battery terminal post on starter solenoid, or charge wire can be connected to the positive post of the battery. Charge wire can be routed along with existing firewall wiring harness.</td>
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<td>2. Installing Pump</td>
<td>Install pump onto alternator, use new hardware provided. With lower bolt, install one end of short ground wire. Install other end of ground wire to engine, frame, or front sheet metal. Be sure all OEM ground straps are installed on vehicle. Alternator will not charge without a ground. Install all hoses at pump and at valve. Fill pump with fluid.</td>
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<td>3. Connecting Battery and Engine</td>
<td>Connect negative battery. Start engine. GEN dash lamp should turn off after starting. Check fluid level in power steering pump, add as need. NOW ENJOY DRIVING WITH THE CONVENIENCE, RELIABILITY, AND SECURITY OF A MODERN ALTERNATOR!</td>
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