

ELECTRIC-START ASSEMBLY MODIFICATION

This generator uses a Vanguard Engine with an electronic governor. A 12-volt lawn and garden battery must be installed for the governor to operate properly.

If your unit is running erratically

- Is battery connected?
- Is there a loose ground connection on the solenoid?

To help prevent loose battery cables, the following modifications are recommended on units that are serviced:

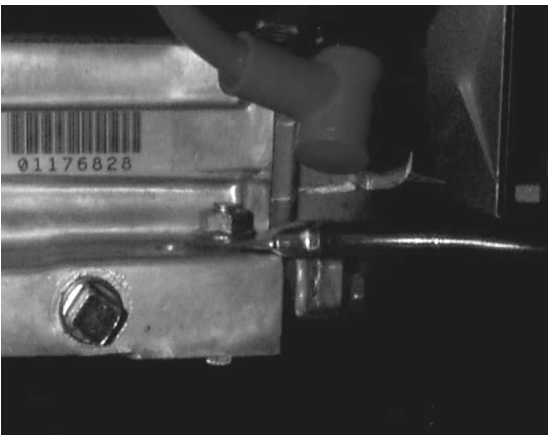


Positive (+) battery cable

1. Remove 1/4-20 nut from solenoid post
2. Replace with 1/4-20 serrated flange nut
3. Torque to 80 in-lb.

Parts required:

Serrated flange nut – 1/4-20 (ST116200AV)



Negative (-) battery cable

1. Remove black (negative) battery cable and black control wire from solenoid
2. Using a 5/16-18 x 1-3/4" cap screw with a 5/16-18" serrated flange nut, secure battery cable to engine base.
3. Torque to 80 in-lb.
4. Reattach black control wire to solenoid. In addition to the screw, use a 1/4" star washer.
5. Torque to 80 in-lb.

Parts required:

- **Cap Screw – 5/16-18 x 1-3/4" (ST074311AV)**
- **Serrated Flange Nut – 5/16-18" (PM031100AV)**
- **Star Washer – 1/4" (MJ105700AV)**