

TECH TIPS

Service Call:

**Low output voltage from 110 volt 3000
Watt Hydraulic Generator**

Tools Needed:

Multi Meter
9/16 Wrench
5/32 Allen Wrench

Model:

S80,Z60,S60,S40,Z45



Tech Tips Safety Rules



Danger

Failure to obey the instructions and safety rules in the appropriate Operator's Manual and Service Manual for your machine will result in death or serious injury. Many of the hazards identified in the operator's manual are also safety hazards when maintenance and repair procedures are performed.

Do Not Perform Maintenance Unless:

- You are trained and qualified to perform maintenance on this machine.
- You read, understand and obey:
 - manufacturer's instructions and safety rules
 - employer's safety rules and worksite regulations
 - applicable governmental regulations
- You have the appropriate tools, lifting equipment and a suitable workshop.

The information contained in this tech tip is a supplement to the service manual. Consult the appropriate service manual of your machine for safety rules and hazards.

Step 1

Locate the hydraulic generator assembly on the machine.



Step 2

Turn key switch to platform and pull out the E Stop knob at ground control box.



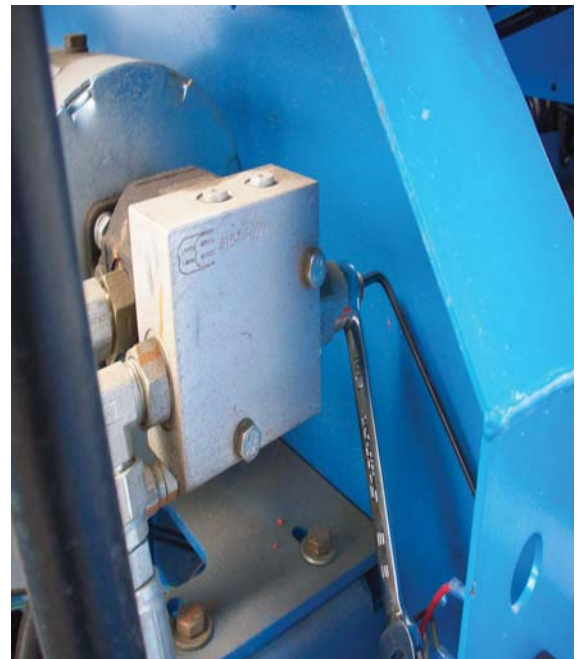
Step 3

Pull out the E Stop knob and start machine from the platform controls. Locate the toggle switch with the electric drill decal around it. Flip the toggle switch up to turn on the generator.



Step 4

Locate the small aluminum manifold mounted on the end of the generator. Use a 9/16 wrench to loosen the jam nut on the flow regulator valve. Install a 5/32 allen wrench in the end of the valve.



Step 5

Locate the 110 outlet at the opposite end of the generator. Use the multi meter to measure output of the generator. Turn the flow control clockwise with the allen wrench shown in step 4, until the output is 120 ac volts(+ or - 2 volts) or 60 Hz. Retighten jam nut on flow valve.

