

TECH TIPS

Service Call:

Oscillate not functional on Z45/25.

Tools Needed:

5/16 Allen wrench

5/32 Allen wrench

0-1000PSI hydraulic pressure gauge

Model:

Z45/25



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

Install a 0-1000 psi pressure gauge on the drive manifold test port.



Step 2

Start the engine and measure the pressure.

Step 3

If the pressure is 250PSI or lower, unscrew the cap off the relief valve using a 5/16" Allen wrench. Using a 5/32 Allen wrench, adjust the valve clockwise until the pressure reads 270 to 280PSI.

Replace and tighten the valve cap.



Step 4

Loosen the jam nuts on the oscillate valve and manually pull up or push down on the oscillate spool valve. The oscillate cylinders at the steer end of the machine should extend and retract.

If it becomes necessary to adjust the linkage for the oscillate manual valve, refer to the Z45/25 Service Manual P/N 107846 Repair Procedure "How to Set Up the Directional Valve Linkage" section 8-9.



Step 5

If the cylinders still don't move, attach a gauge to the hoses attached directly to the cylinders. If the hose is pressurized, replace the oscillate cylinder counterbalance valves. Contact the Genie Service department for counterbalance valve removal and installation procedure. If the pressure is not present, replace the oscillate spool valve.



Step 6

If the function is still inoperable and more diagnosis is required contact the Genie Service Department at 1-800-536-1800.