

TECH TIPS

Service Call:

Primary boom up slow or does not work at all when boom fully extended with rated load in the basket

Tools Needed:

5000 PSI Gauge
1/4 inch allen wrench
3/4 wrench

Model:

S40/45



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 function manifold behind ground control box.



Step 2

Locate the main relief valve on the function manifold.



Step 3

Install a 5000 PSI gauge on the test port at the far end of the manifold. Start machine from ground controls. Activate the retract function until the cylinder bottoms out. Continue to hold retract function, observe PSI reading on gauge. Adjust the relief valve that is next to the test port until 2600 PSI S40, 2900 PSI S45 is obtained.



Step 4

Recheck operation of machine.