

TECH TIPS

Service Call:

Booms are springy when stopped while lowering, or extension boom recoils slightly when retracted.

Tools Needed:

None

Model:

TZ34/20 & TZ50/30



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.

TECH TIPS



Step 1

Bouncy booms or a recoiling extension boom can sometimes be a symptom of air in the hydraulic cylinders. Use the following outlined procedure to remove the air from these cylinders.

Note: The following procedure is for the boom cylinders only, there is a separate procedure for the outrigger cylinders, see: TZ Outrigger bleeding Tech-Tip.



Step 1

Move the machine to a level and clear area, where you can level the machine up on its' outriggers, and fully extend the booms without contacting overhead obstructions.



Step 2

Fully extend and retract each hydraulic cylinder, and allow the pump to continue to run (dead head) in each position, for 30 seconds. This will allow the air that is pulled from the cylinders enough time, to make it back through the long hoses to the hydraulic tank. You may have to repeat this procedure a second time.

This should correct this problem, return the machine to service.

If you require further assistance please call our service dept 1-800-536-1800.