

TECH TIPS

Service Call:

Proximity switch adjustment

Tools Needed:

- 3/8 Wrench (Qty 1)
- 7/16 Wrench (Qty 2)
- Short regular screw driver (Qty 1)

Model:

10k Rev 4



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

Verify the revision level of the machine. A Rev4 10k is pictured on the right. The Rev4 10K has one frame leveling cylinder on the front.



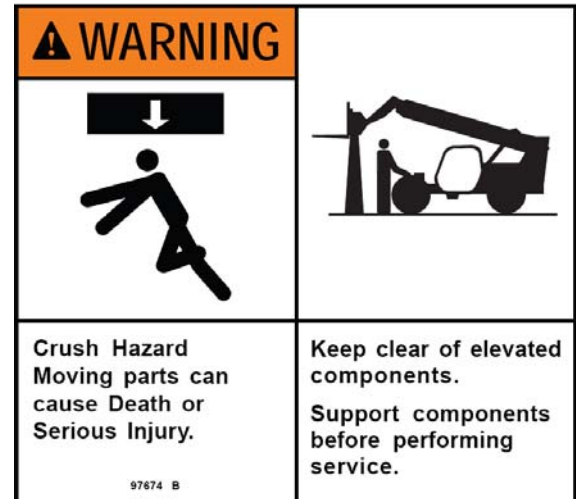
The Rev3 10K has two frame leveling cylinders on the front of the machine.

The Rev3 10k is not covered in this Tech Tip.



Step 2

This tech tip requires examining the machine with the boom elevated. Stand clear of the front of the machine while the boom is raised. Lower the boom to the ground immediately after completion of this tech tip.



Step 3

On level ground with the parking brake set, start the engine and raise the boom to 60 degrees and shut the machine off. Turn the key to the "on" position.

The boom angle switch "A" is attached to a mounting bracket located between the boom and the chassis directly beneath the boom pivot pin. The switch location "A" is adjustable.

Boom extend switch "B" is fixed in position and is NOT adjustable.

Note:

1048 only has the boom angle switch "A"

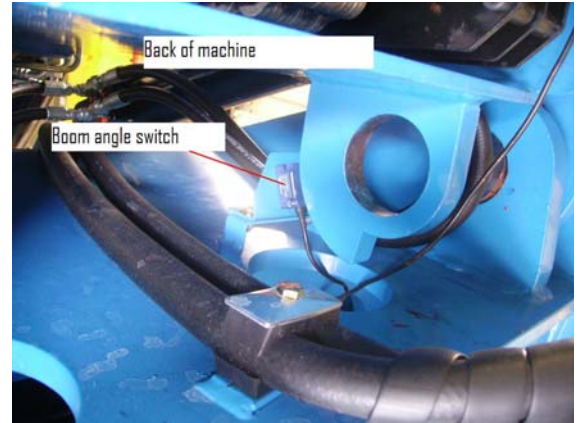
1056 has the boom angle "A" and the boom extend switch "B"



Step 4

Working at the pivot end of the boom, locate the boom angle switch. Loosen the fasteners securing the boom angle switch assembly to the chassis, just enough to allow the bracket to move.

Move the boom angle switch assembly until the light of the angle switch turns "on", then move the boom angle switch assembly until the light of the proximity switch turns "off" and securely tighten the fasteners. Do not over tighten.



Step 5

Lower the boom to 55 degrees, the light in the upper right hand corner of the boom angle switch should light up.

Raise the boom to 60 degrees, and the light in the upper right corner of the boom angle switch should be dark. The boom angle switch is now properly adjusted.

Note: (On 1056 models only)

The boom has to be raised above 60 degrees and extended to letter "E" in order to cut the drive and sway function off.