

TECH TIPS

Service Call:

Forks drifting down

Tools Needed:

4 plugs and caps

8 plug

Test hose: 8x8x48 inch hose

1/2 inch wrench

9/16 inch wrench

7/8 inch wrench

Model:

6k, 8k, & Rev3 10k



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



Step 2

The Rev4 10K has one frame leveling cylinder on the front.

The Rev4 10k is not covered in this Tech Tip.




Step 3

1. Park the machine on level ground with the parking brake set.
2. Remove the front cover of the boom.
3. Start the machine and tilt the forks all the way back.
4. Turn off the machine.


Note: The following steps involve working with the machine's hydraulic lines.

Warning: Hoses may be under pressure. When removing the hoses, loosen them SLOWLY. Crack the line in small increments to bleed off the pressure.

⚠ WARNING



Injection Hazard
Escaping fluid under pressure can penetrate skin, causing serious injury.



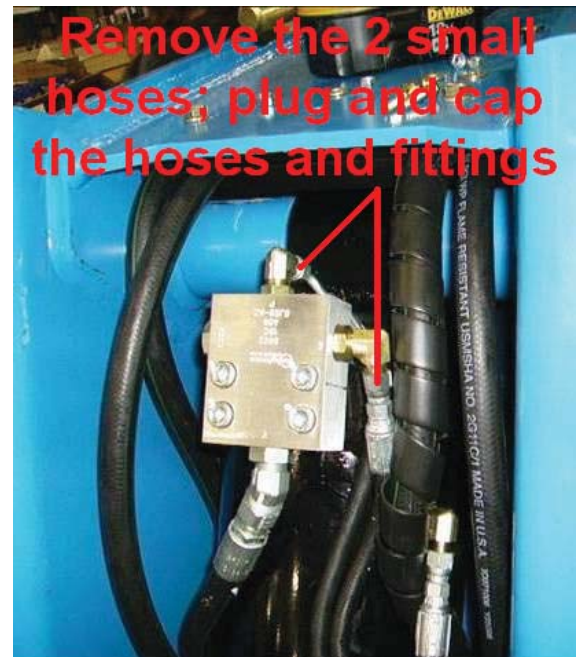
Relieve pressure before disconnecting hydraulic lines. Keep away from leaks and pin holes. Use a piece of cardboard or paper to search for leaks. Do not use hand.

Fluid injected into skin must be surgically removed within a few hours by a doctor familiar with this type of injury or gangrene will result.

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Step 4

1. Locate and remove the 2 small # 4 JIC hoses connected to the upper block on the cylinder.
2. Plug the hoses & cap the fittings using # 4 JIC plugs & caps.



Step 5

1. Review the warning posted in Step 3.
2. Remove and plug the # 8 JIC hose with a #8 JIC male plug.
3. Connect a test hose in place of the #8 JIC hose and run the other end of the hose into a bucket.
4. With the unit on level ground and the parking brake set, start the machine.
5. Tilt and hold the tilt back function.

Note: If oil comes out of the the # 8 JIC test hose, the tilt cylinder will need to be resealed or replaced.



Step 6

For further assistance contact the technical service department at 1-866-684-1457.