

TECH TIPS

Service Call:

Service brakes make noise when applied

Tools Needed:

12 mm allen wrench
11/16 inch wrench
Oil containment device

Model:

All models



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

Note: Use a proper oil containment device.

1. Park unit on flat level ground, transmission in neutral, set parking the parking brake and lower the boom to the ground.
2. Remove the level check plug on the side of the differential.

Note: 6K & 8K -- 12 mm allen wrench
10K -- 11/16 wrench

3. Add friction modifier to the differential oil.

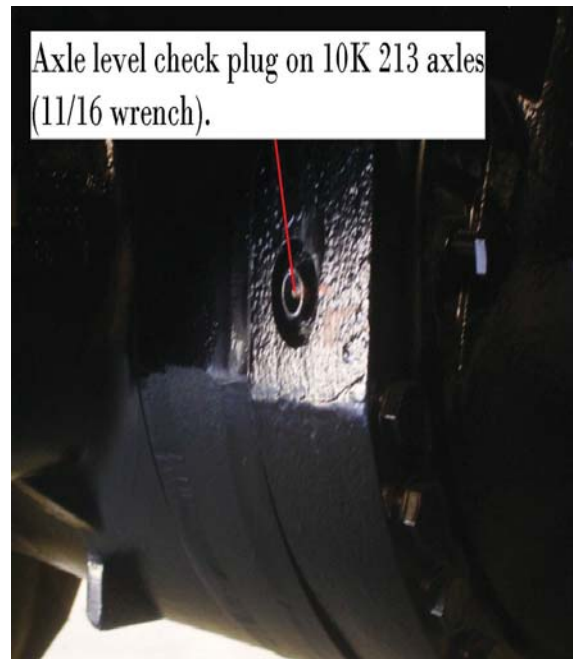
Note: 6K & 8K -- 16oz. of friction modifier per differential.
10K -- 27oz. of friction modifier per differential.

4. Reinstall level check plug.



Step 2

Drive the machine around until the differential oil is up to operating temperature (approximately 10 to 15 minutes).



Step 3

1. Repeatedly apply and release the service brake pedal to work the friction modifier into the brake disk linings to break up any glaze that may have formed on the disks and is causing the noise (approximately 10 minutes).

2. If the brake noise stops, proceed to step #4.

Note: If the service brakes are still making noise, contact the Service Department at 1-866-684-1457.



Step 4

Note: Use a proper oil containment device.

1. Park unit on flat level ground, transmission in neutral, set parking the parking brake and lower the boom to the ground.

2. Drain the oil from the differentials on the unit.



Step 5

1. Refill the differentials with 80w-90 LS (limited slip) gear oil.

Note: 6K & 8K -- 9 quarts per differential.
10K -- 15 quarts per differential.

Note: Replacing the planetary oil at this time is advised.
6K & 8K -- 1 quart per wheel end.
10K -- 2 quarts per wheel end.

2. Reinstall fill/check plug and return the unit to service.

Note: Properly dispose of the oil from the axles.



Step 6