

## Technical Service Bulletin



*Doosan purchased Bobcat Company from Ingersoll-Rand Company in 2007. Any reference to Ingersoll-Rand Company or use of trademarks, service marks, logos, or other proprietary identifying marks belonging to Ingersoll-Rand Company in this manual is historical or nominative in nature, and is not meant to suggest a current affiliation between Ingersoll-Rand Company and Doosan Company or the products of either.*

**TSB Number:** PC13-002

**Date:** September 26, 2006

**Revised (10-12)**

### PRODUCT IMPROVEMENT

#### BL275 SAHR BRAKE COIL REPLACEMENT

Performance of the Spring Applied Hydraulic Release Brake System on the BL275 has been improved. Parts are available to incorporate the improvement on machine serial numbers 572411001 thru 572499999.

Qty	Description	Part No.
1	Coil	18256362
1	Harness	19226646

Note: Travel time and mileage will be allowed.

Claims will be accepted until January 1, 2007 for .25 hours labor, and actual travel time and mileage for each machine upgraded.

**Reference campaign # 06-7 on the claim.**



New improved coils are now available for the press-to-drive system on loader backhoes. The new coils are rated to operate at a higher voltage and temperature to provide longer service life. Parts are now available to upgrade earlier loader backhoes with the serial numbers listed above.

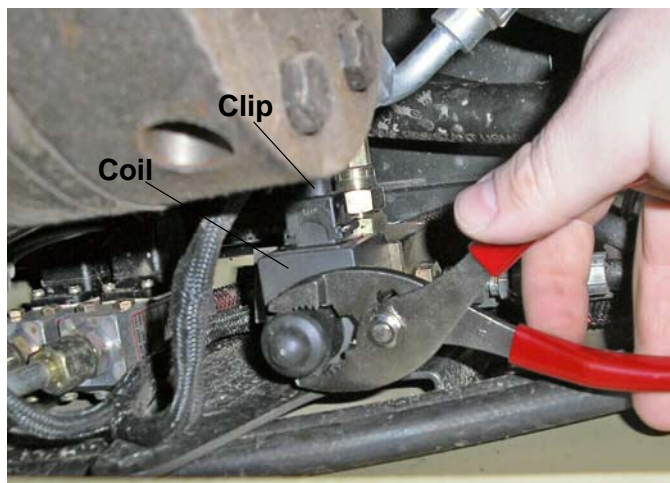
Dealers are asked to contact all owners of affected machines and make arrangements for this modification and to correct all affected machines in your dealer inventory prior to delivery.

#### **Procedure**

Refer to the loader backhoe service manual as necessary for details of procedures outlined below. Lift and block the machine.

Rotate the battery disconnect switch to the OFF position (battery ground disconnected).

Locate the coil on the bottom side of the machine in front of the left rear tire.



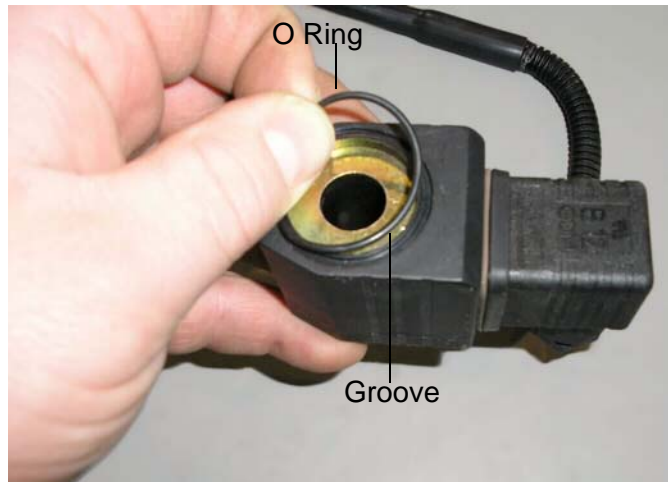
Depress the clip on the wire harness connector, disconnect the wire harness from the coil. Use pliers to loosen the nut, remove the coil from the machine.



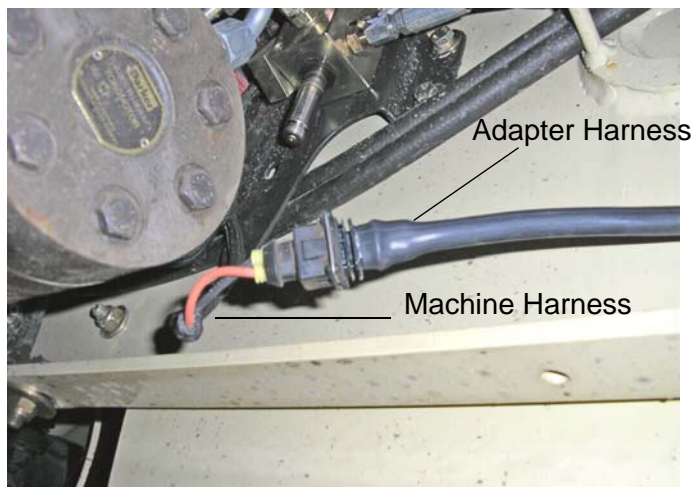
Identify the new coil by the 13V DC written on the bottom side of the coil.



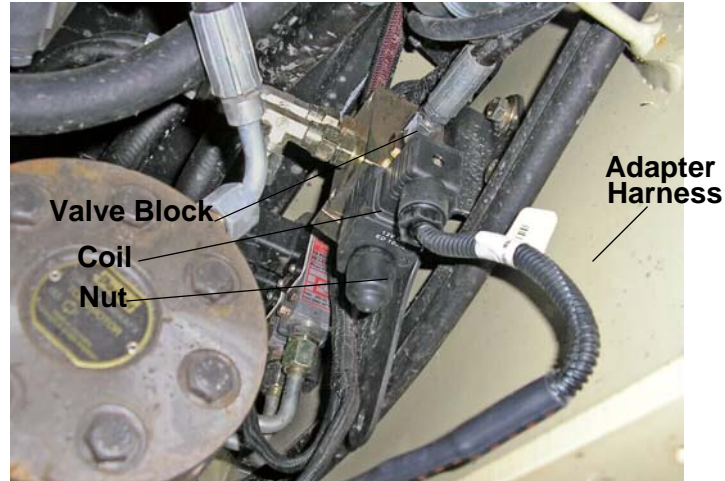
Connect the adapter harness to the new coil. Tighten the screw.



Remove the o-ring from the original coil and install in the groove on the new coil.  
Discard the original coil.



Connect the adapter harness to the machine harness.



Install the new coil onto the valve block using the original nut. Use pliers to gently tighten the nut until snug.

**Note: Ensure the o-ring is positioned in the groove before the coil is placed against the valve block.**

Use a plastic tie (not supplied) to fasten the adapter harness above the bottom of the machine.

Rotate the battery disconnect switch to the ON position (battery ground connected).

Remove the blocks and lower the machine to the ground.

