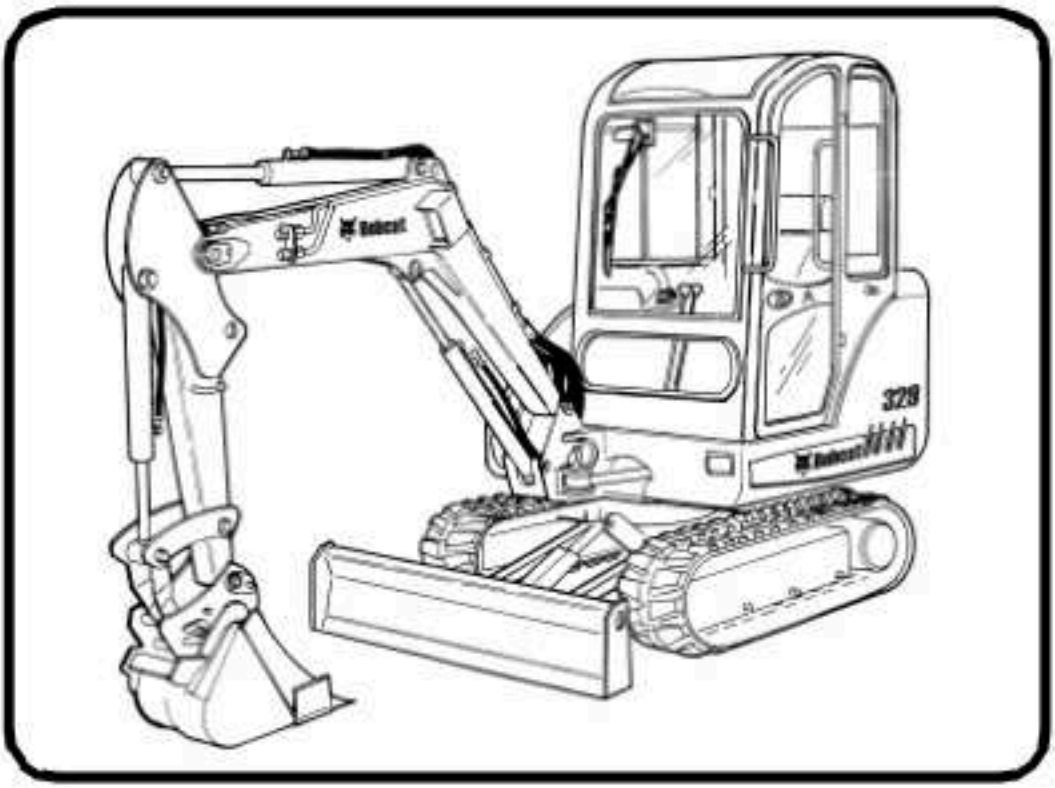
Bobcat®

Service Manual
329 Compact Excavator

S/N AACL11001 & Above
S/N A9K211001 & Above



6986946 (2-08)

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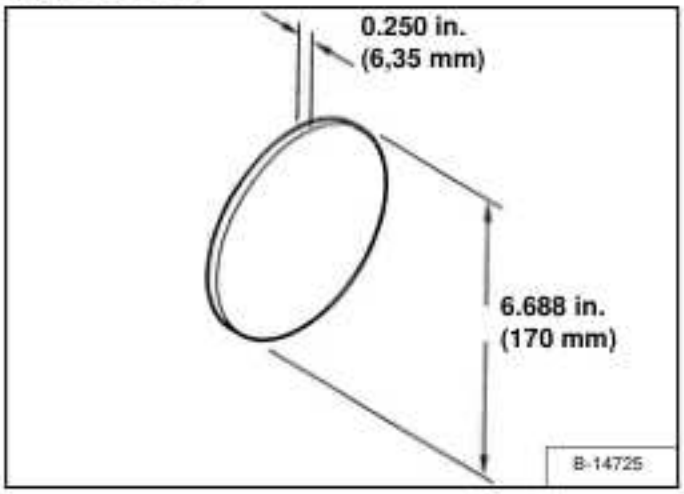
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Assembly (Cont'd)

To install the bearings, a bearing installation tool will be needed.

This tool is placed on the top of the bearing inner and outer race and a press is used to seat the bearings.

Figure 20-70-60

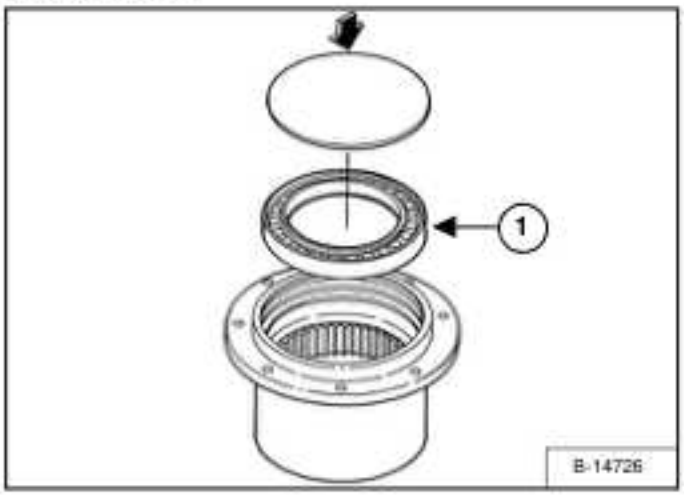


Obtain the tool locally **[Figure 20-70-60]**.

The dimensions are as follows:

Diameter 6.688 in. (170 mm)
Thickness 0.250 in. (6,35 mm)

Figure 20-70-61



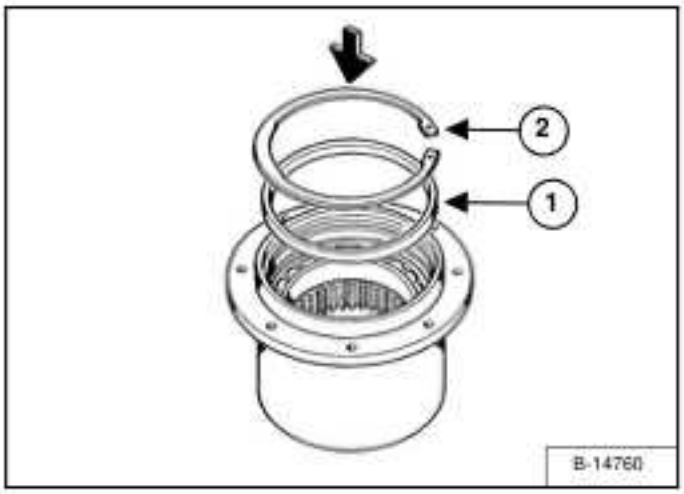
Lubricate the outer edge of the bearing and press the bearing (Item 1) **[Figure 20-70-61]** in the housing, using the bearing installation tool.

NOTE: If either the top or bottom bearing has been replaced, measure the thickness of the old and new bearing. If the difference is greater than ± 0.002 in. (0,05 mm) add or subtract shims to match the new bearing thickness to the old bearing thickness.

If shims are needed, order the appropriate shim(s) from Bobcat Parts:

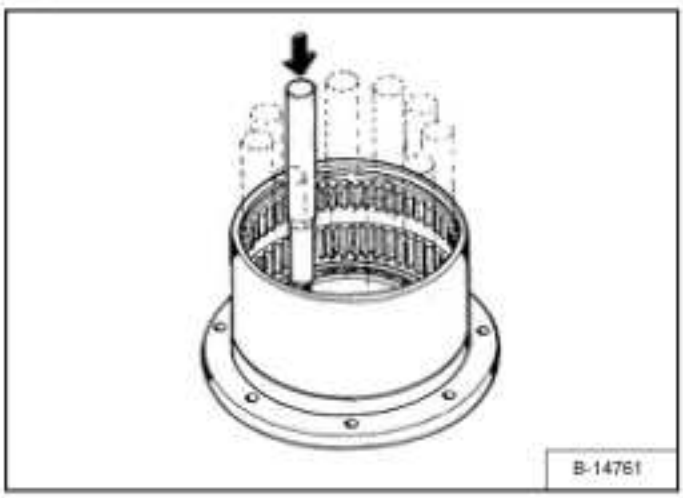
P/N 6669119	0.0079 in. (0,2 mm)
P/N 6669120	0.0118 in. (0,3)
P/N 6669121	0.0157 in. (0,4 mm)
P/N 6669122	0.0354 in. (0,9 mm)
P/N 6669123	0.0374 in. (0,95 mm)

Figure 20-70-62



Install the spacer (Item 1) and snap ring (Item 2) **[Figure 20-70-62]**.

Figure 20-70-63

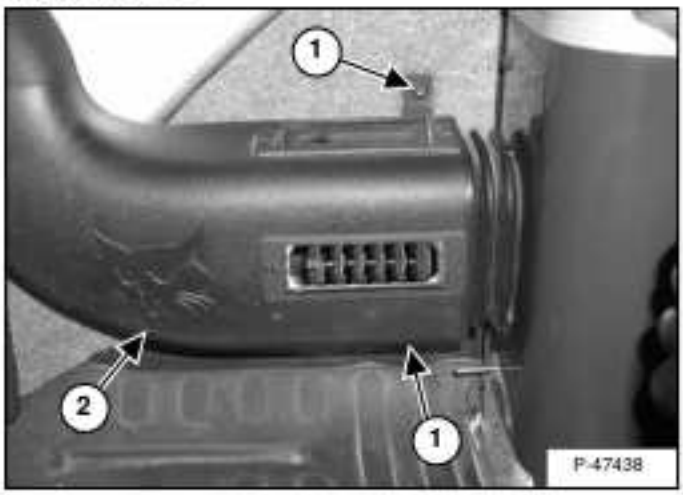


Turn the housing over and using a brass drift, seat the bearing against the spacer **[Figure 20-70-63]**.

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Removal And Installation (Cont'd)

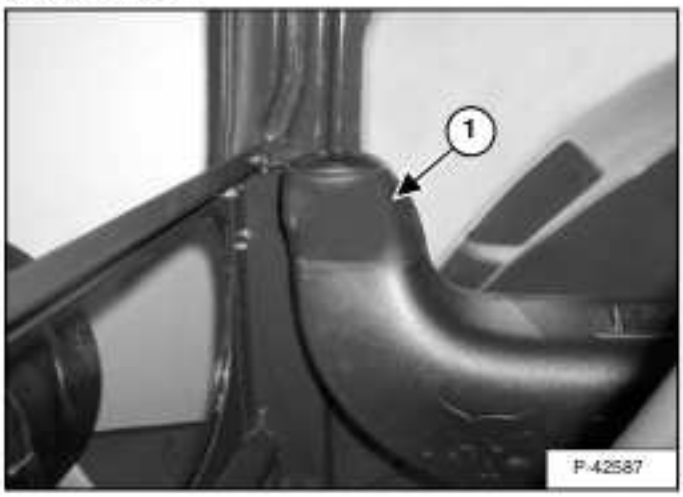
Figure 40-30-5



Remove the screws (Item 1). Remove the air manifold (Item 2) **[Figure 40-30-5]**.

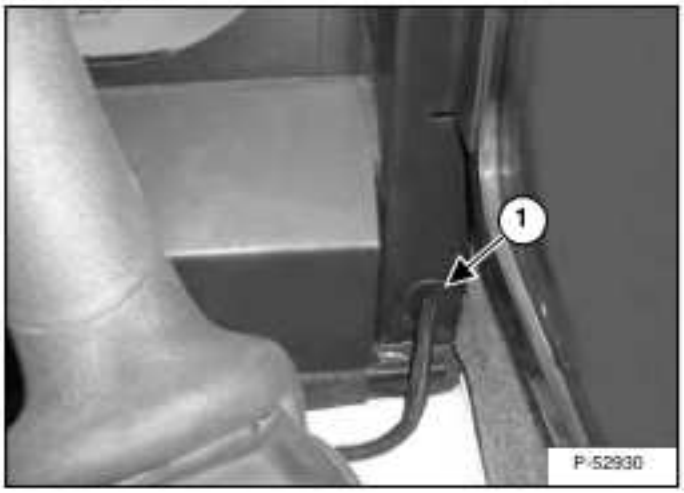
Heater Duct

Figure 40-30-6



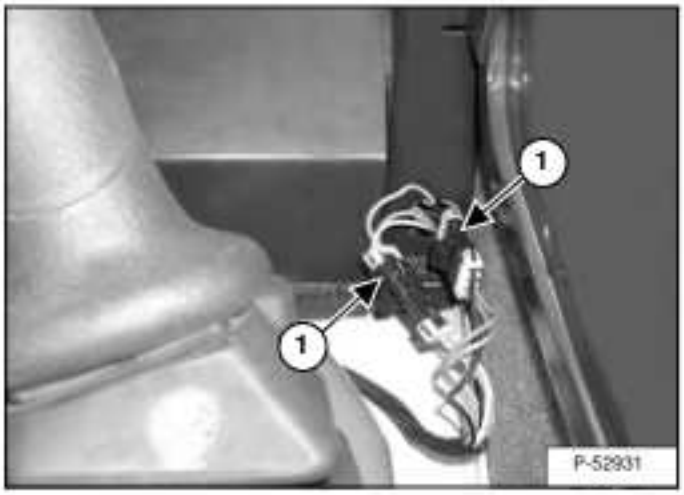
Remove the screws and pull straight up to remove the heater duct (Item 1) **[Figure 40-30-6]**.

Figure 40-30-7



Remove the grommet (Item 1) **[Figure 40-30-7]** from the left rear corner of the cab.

Figure 40-30-8



Remove the wire harness from the cab frame. Disconnect the wire harness (Item 1) **[Figure 40-30-8]**.

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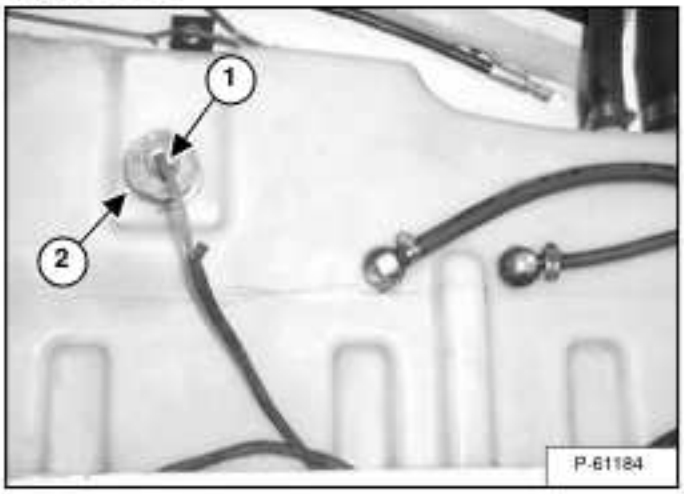
FUEL LEVEL SENDER

Removal And Installation

Remove the negative battery cable. (See Removal And Installation on Page 50-20-1.)

Remove the floor mat and floor panel. (See Removal And Installation on Page 40-90-1.)

Figure 50-70-1



Disconnect the harness connector (Item 1) **[Figure 50-70-1]** from the fuel sender.

Remove the fuel sender (Item 2) **[Figure 50-70-1]**. The sender threads into the tank, use a wrench to remove the sender.

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WIRING SCHEMATIC

329 (S/N AACL11001 AND ABOVE)
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(PRINTED FEBRUARY 2008)
V-0982

CONTROL MODULE
CONNECTORS J1-J6

RIGHT HAND CONSOLE
HARNESS 6910751

LH CONSOLE
HARNESS
7103874

ENGINE HARNESS
7125660

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