1150H Crawler

Service Manual

Rac 7-16200

CASE

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1150H CRAWLER

Service Manual
7-16200

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Reprinted

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Hamilton, ON L7N 3M6 CANADA

Bur 7-18390

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Printed in U.S.A.
September, 2000

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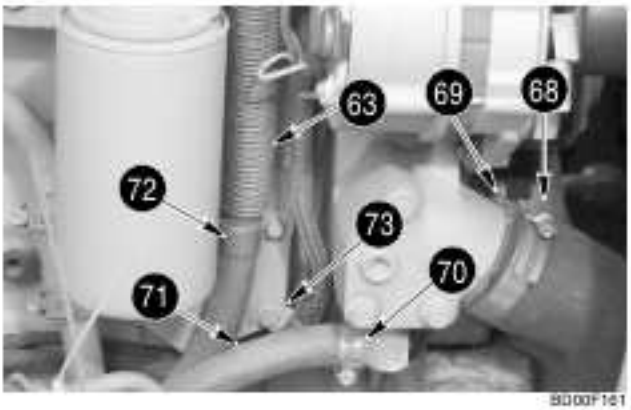
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NOTE: Case Corporation reserves the right to make improvements in design or changes in specifications at any time without incurring any obligation to install them on units previously sold.

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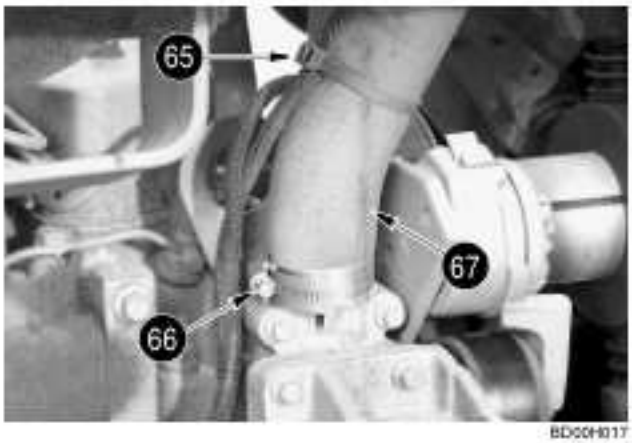
STEP 97



BD00F161

Install clamp (73) on wiring harness and secure using the bolt. If machine is equipped with a heater, install clamp (72) on heater hose (63) and route heater hose up towards heater shutoff valve. Push heater hose (63) next to cylinder block and secure clamp. Remove plug from heater hose (71). Connect hose and tighten clamp (70). Install lower radiator hose (69) and clamps (68). Tighten clamps (68) to a torque of 11 to 12 Nm (97 to 106 lb-inch).

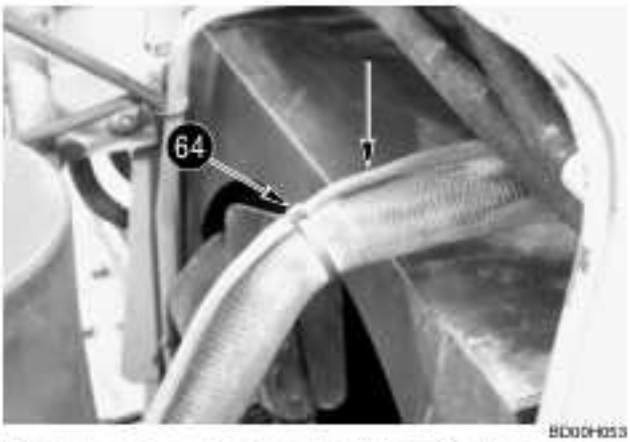
STEP 98



BD00H017

Install the upper radiator hose (67) and clamps (66). Tighten the clamps to a torque of 11 to 12 Nm (97 to 106 lb-inch). Route the horn wire branch of the wiring harness up the hose and secure using tie strap (65).

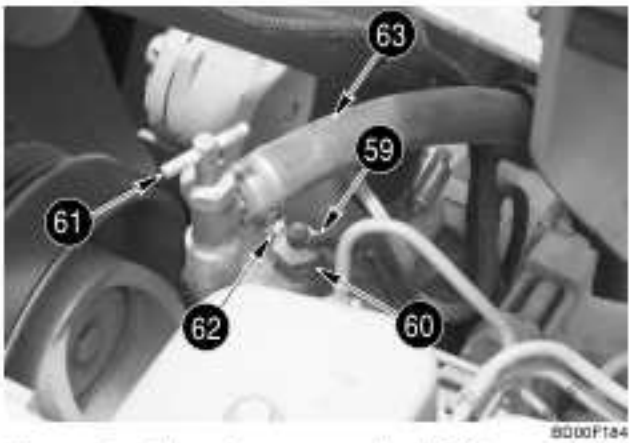
STEP 99



BD00H053

Route the horn wire branch of the wiring harness on the upper radiator hose and secure using tie strap (64).

STEP 100

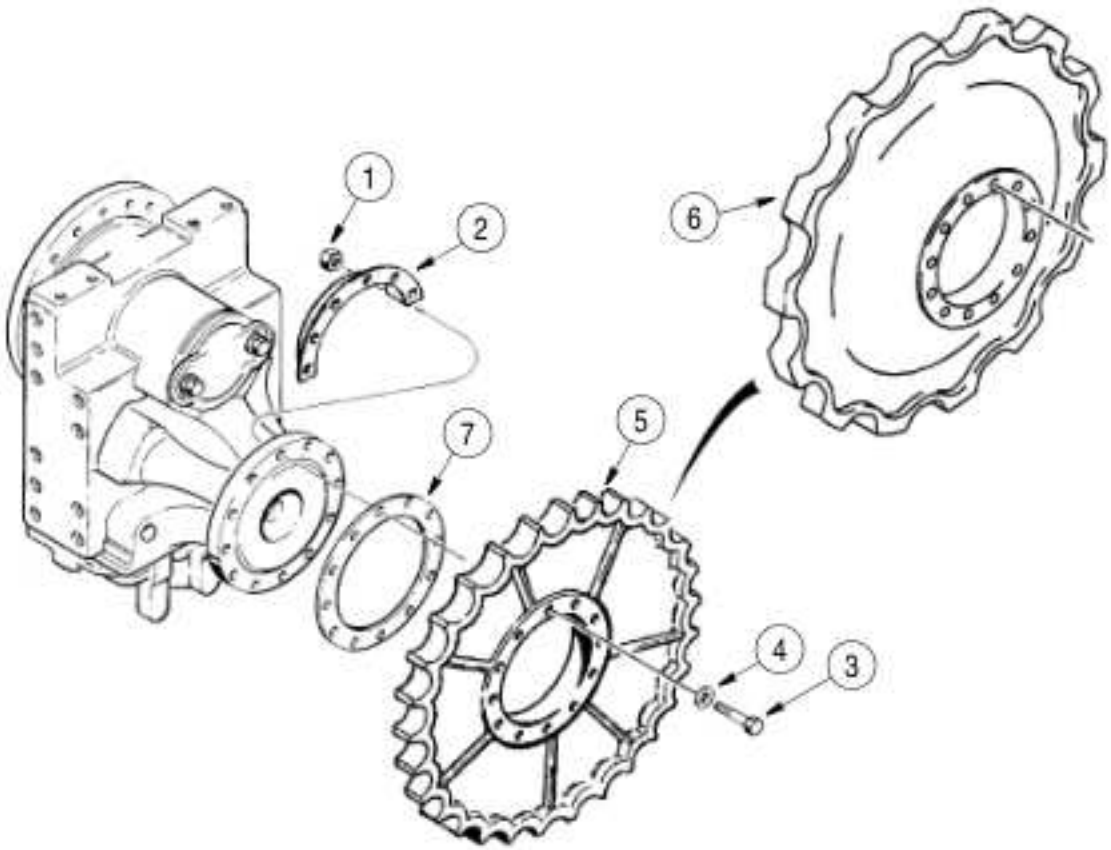


BD00F184

Connect wiring harness wire (59) to coolant temperature sender (60) following tag installed during removal. Remove and discard tag. If machine is equipped with a heater, remove plug from heater hose (63) and connect hose to heater shutoff valve (61). Tighten clamp (62). Open heater shutoff valve.

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INSTALLATION



B5000060

1. NUT
2. SEAL GUARD
3. BOLT
4. WASHER
5. SPROCKET (USED ON MODELS WITH CLT CHAIN)
6. SPROCKET (USED ON MODELS WITH CELT CHAIN)
7. SHIM(S)

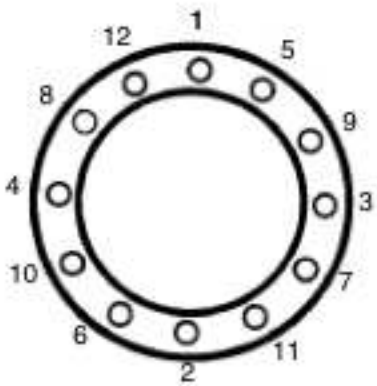
1. Make sure mounting surfaces of sprocket (5 or 6), final drive shaft, and shim(s) (7) are clean.
2. Put the same amount of shims (7) removed on the final drive shaft. Use a small amount of grease to hold the shims in place and keep the shims aligned.
3. Install the sprocket (5 or 6).
4. Align the holes in the sprocket (5 or 6), shims (7), and final drive shaft.

IMPORTANT: *Lubricate bolt threads and under bolt head using SAE 30W motor oil.*

5. Lubricate the bolts (3), nuts (1), and washers (4) with clean engine oil.

NOTE: *Bolt (3) length is 82.5 mm (3.25 inches) for 1575 mm (62 inch) gauge units with CLT sprocket and 108 mm (4.25 inches) for CELT sprockets and 1880 mm (74 inch) gauge units with CLT sprockets.*

6. Install the washers (4) and bolts (3).
7. Install two seal guards (2), if used, on bolts (3).
8. Install the nuts (1) on the bolts (3).
9. Hold the nuts (1) and tighten bolts 1, 2, 3 and 4 to a torque of 136 Nm (100 lb-ft) for 1575 mm (62 inch) gauge units with CLT sprocket or 203 Nm (150 lb-ft) for CELT sprockets and 1880 mm (74 inch) gauge units with CLT sprockets.



B811410

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STEP 67



B796515

Install the retainer without shims and tighten the bolts to a torque of 136 Nm (100 lb-ft). Hit both ends of the shaft with a soft hammer to seat the bearings.

STEP 68



B796509

Lubricate the bearings with clean oil. Remove the piece of wire from the flange. Install the retainer offset without shims so the retainer is not centered on the sprocket shaft. Install two bolts to hold the retainer in place.

STEP 69



B796510

Prevent the shaft from turning and tighten the bolts. Lubricate the small bearing on the sprocket shaft.

STEP 70



B796511

Turn the sprocket shaft 20 revolutions, then check the rotating torque for the sprocket shaft using the pound inch torque wrench. Read the torque wrench while the sprocket shaft is turning. The indication must be as follows:

Used bearings - 4 to 5 Nm (35 to 45 lb-inch).
New bearings - 8 to 10 Nm (70 to 90 lb-inch).

STEP 71



B796510

If the indication is less than specified, tighten the bolts.

STEP 72

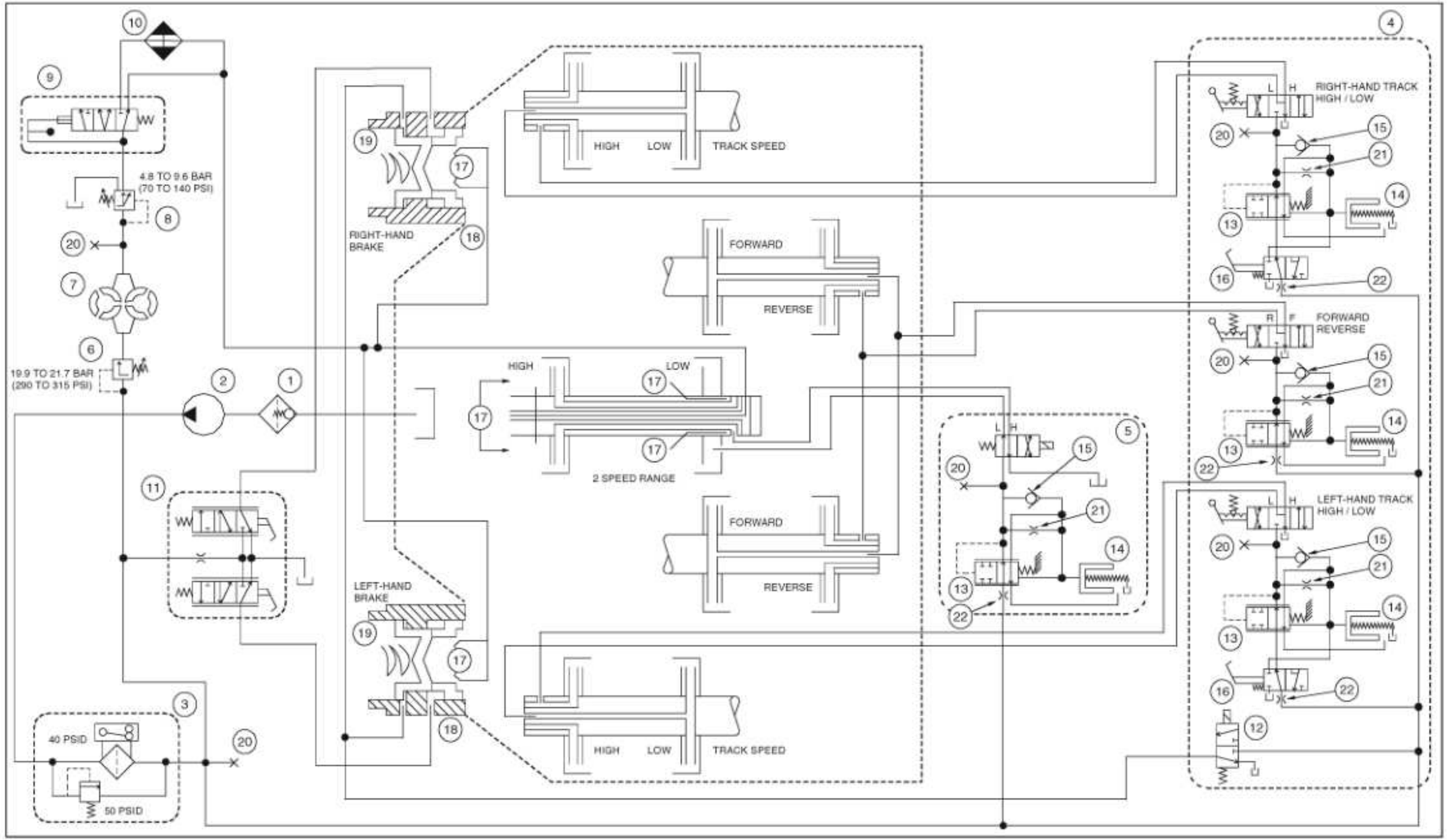
If the indication is more than specified, loosen the bolts. Hit the bolts with a soft hammer to drive the sprocket shaft out of the bearing.

STEP 73

Repeat steps 69 through 72 until the rotating torque is correct.

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TRANSMISSION SYSTEM SCHEMATIC



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