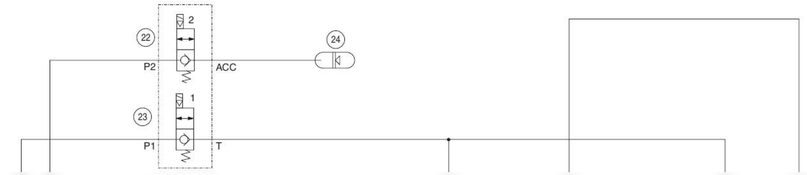
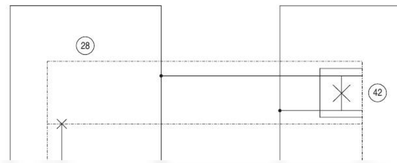


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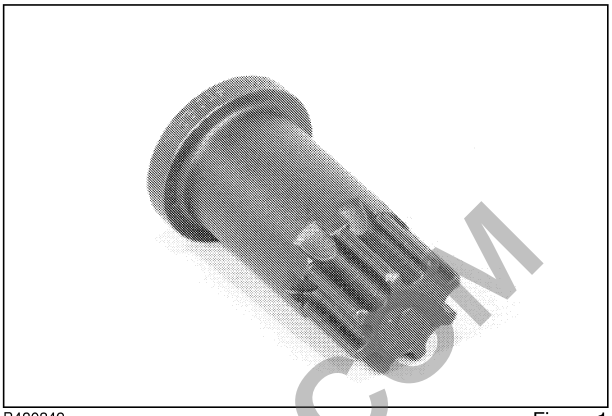
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SPECIAL TOOLS

The CAS1690A is used to rotate the flywheel on the engine.



B430842 Figure 1

SPECIFICATIONS

ENGINE CRANKCASE
- Capacity with filter change ..... 11 litres (11.6 U.S. quarts)
- Specifications ..... See page 3-3

FUEL TANK
- Capacity ..... 115 litres (30.3 U.S. gallons)
- Usable fuel ..... 112 litres (29.5 U.S. gallons)
- Specifications ..... See the Operator's Manual

COOLING SYSTEM
- Capacity ..... 15.8 litres (16.7 U.S. quarts)
- Specifications ..... 50% water and 50% ethylene glycol

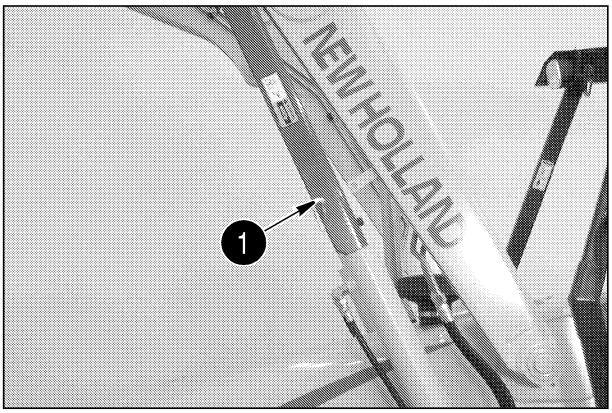
HYDRAULIC RESERVOIR REFILL
- Total system .....70 litres (18.5 U.S. gallons)
- Capacity with filter change ..... 49 litres (13 U.S. gallons)
- Capacity without filter change .....47 litres (12.5 U.S. gallons)
- Specifications ..... MAT3505, New Holland Hy-Tran® Ultra

RADIATOR REMOVAL

Put identification tags on all disconnected hoses and wires. Close disconnected hoses and fittings with caps and plugs.

NOTE: *The photos in this procedure may be different from your machine and are for reference only.*

1. Park the machine on a level surface. Raise the loader and lock the support strut (1) to hold the loader. Stop the engine and apply the parking brake.



BD01H021 Figure 2

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ACCUMULATOR FOR OPTIONAL GLIDE RIDE
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CHAPTER 9
SOLENOID VALVE FOR MACHINE WITH OPTIONAL GLIDE RIDE
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FLOW CONTROL VALVE
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CHAPTER 11
LOCK VALVE
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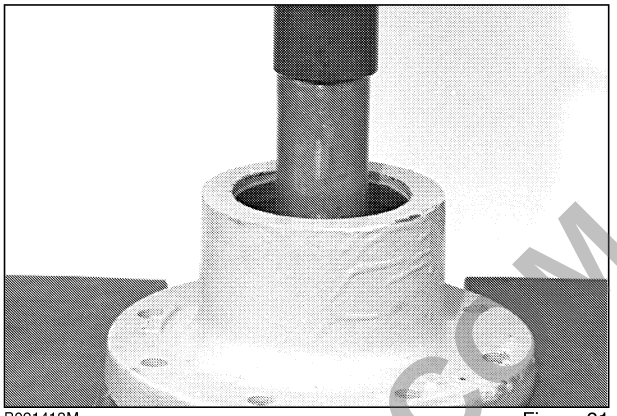
CHAPTER 12
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NOTE: New Holland reserves the right to make improvements in design or changes in specifications at any time without incurring any obligation to install them on units previously sold.

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5. Use an acceptable driver to press the bearing cup all the way into the hub.



B021418M Figure 21

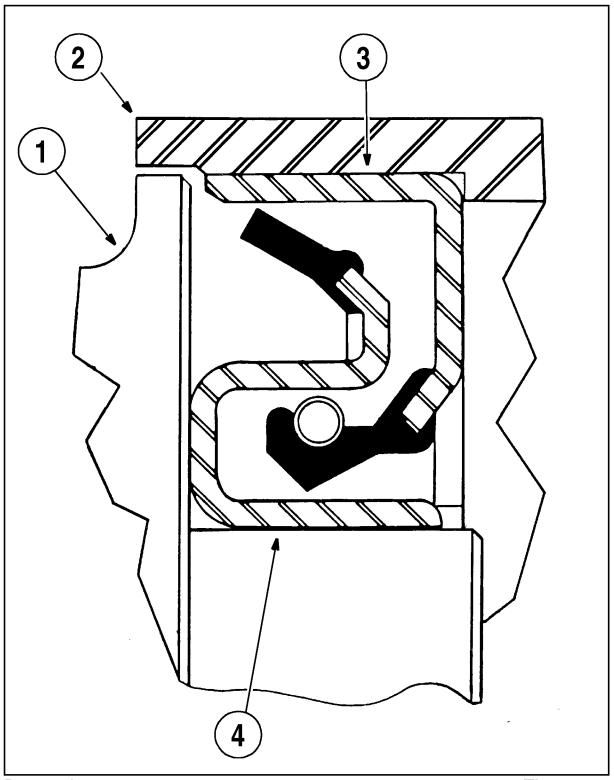
6. Put the inner wheel bearing in the hub.



B021420M Figure 22

7. The hub seal must be installed as shown in the illustration.

1. SPINDLE
2. HUB
3. HUB SEA
4. SPINDLE SEAL

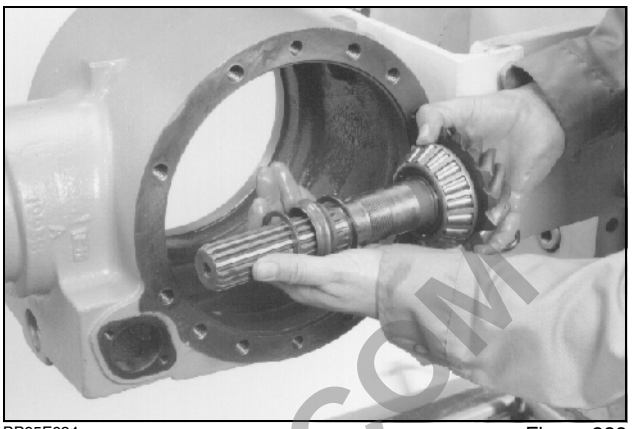


B891546J Figure 23

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15. Lubricate the bearing with clean axle oil. Install the washers and a new collapsible spacer on the pinion gear. The old collapsible spacer MUST NOT be used again.



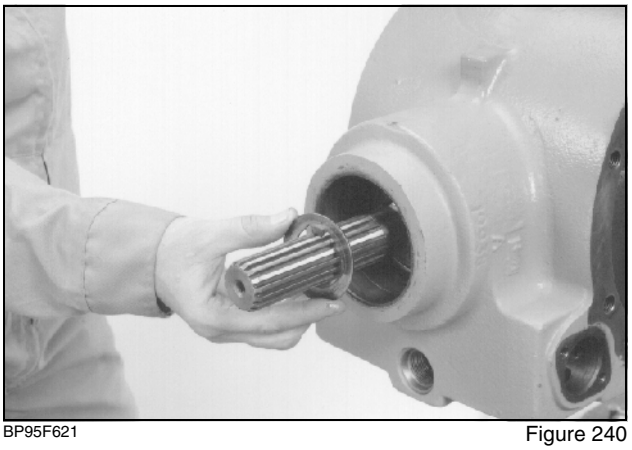
BP95F624 Figure 238

16. Lubricate the outer bearing with clean axle oil. Install the pinion gear and the outer bearing. Start the bearing onto the shaft for the pinion gear.



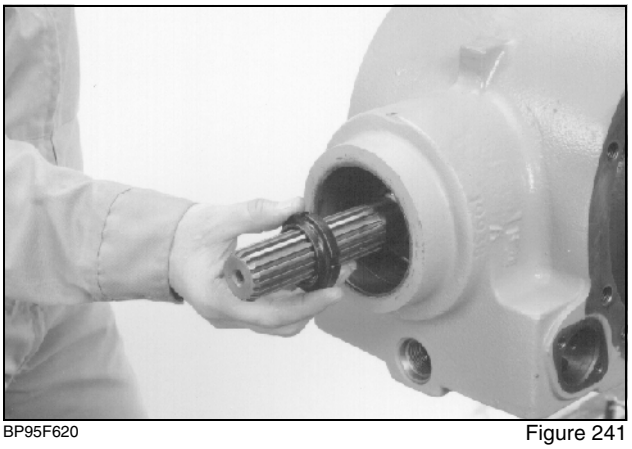
BP95F623 Figure 239

17. Install the special washer.



BP95F621 Figure 240

18. Install the pinion nut.

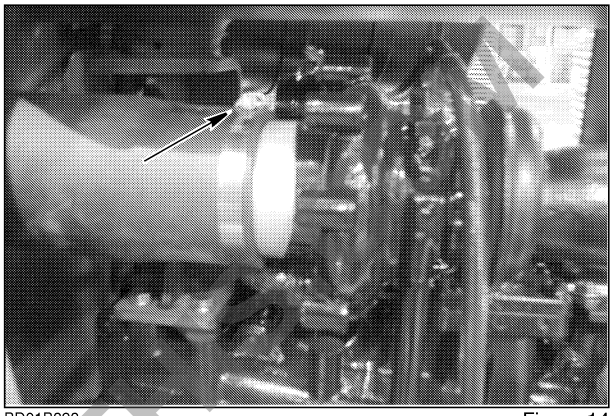


BP95F620 Figure 241

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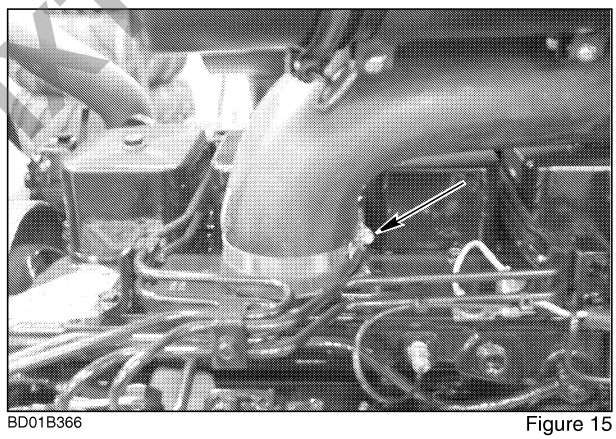
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12. Put the hood and air cleaner assembly in position on the uprights. Install the bolts and flat washers that fasten the hood to the uprights.
13. Remove the shop cloth from the turbo or the intake opening.
14. Connect the air cleaner hose to the turbo if equipped or the intake manifold. Tighten the clamp on the air cleaner hose.



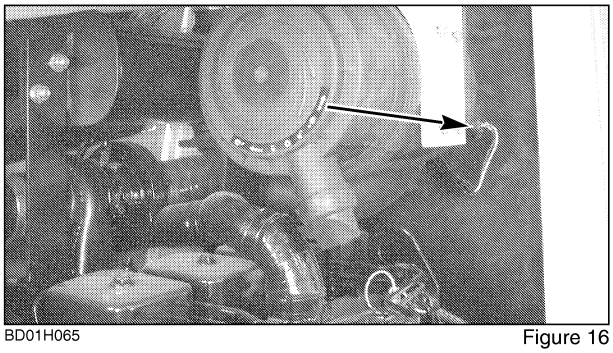
BD01B323 Figure 14

15. Connect the air cleaner hose to the intake manifold if equipped. Tighten the clamp on the air cleaner hose.



BD01B366 Figure 15

16. Connect the electrical connectors for the air restriction switch. Install a new tie strap.



BD01H065 Figure 16

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