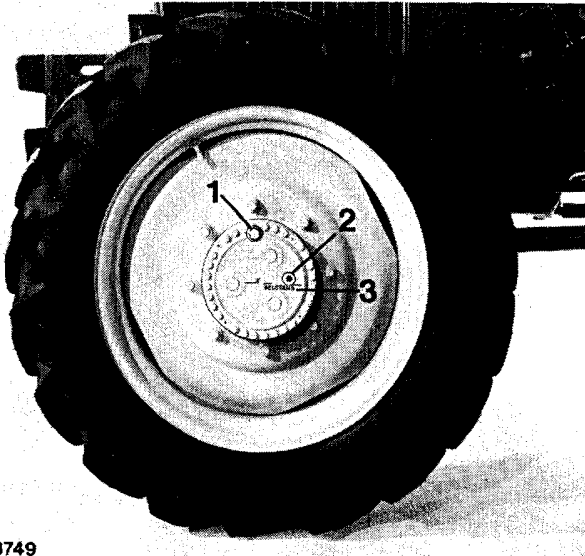


Mechanical Front Wheel Drive

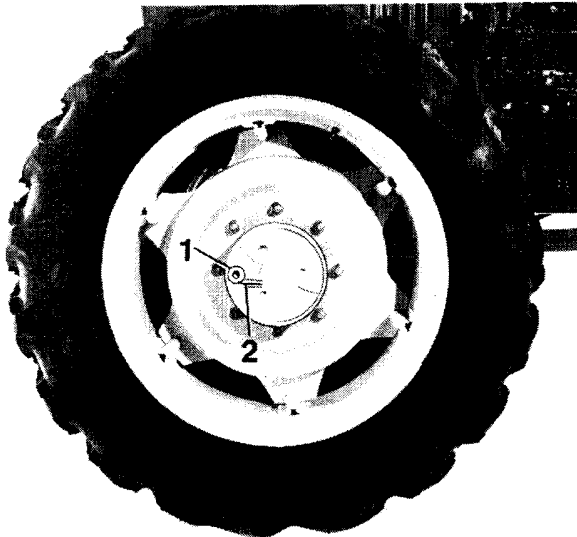
CHECKING FINAL DRIVE HOUSINGS OIL LEVEL



L23749

Fig. 12 — Checking Final Drive Housings Oil Level (up to serial no. 449 999 L)

- 1 Drain plug
- 2 Level plug
- 3 Oil level mark



L 35196

Fig. 13 — Checking Final Drive Housings Oil Level (from serial no. 450 000 L)

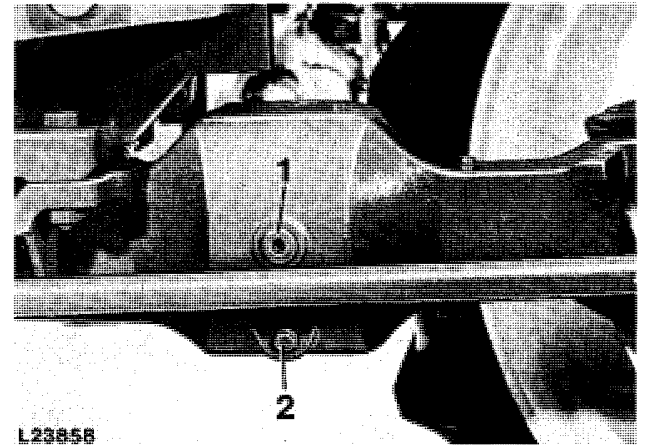
- 1 Level plug
- 2 Oil level mark

1. Turn wheel until mark 3 or 2 (fig. 12 or 13) is in level position.
2. Remove level plug 2 or 1. Oil should be level with plug bore.
3. Add oil, if necessary, using EP transmission oil according to specifications (see page 2).

CHECKING AXLE HOUSING OIL LEVEL

1. Remove level plug 1 (fig. 14 or 15). Oil should be level with plug bore.
2. If necessary, top up with oil, using EP transmission oil according to specifications (see page 2).

Service Interval: Every 100 hours.



L23856

Fig. 14 — Axle Housing

- 1 Level plug
- 2 Drain plug

AXLE HOUSING OIL CHANGE

NOTE: Drain oil immediately after having operated the tractor for some time when the oil is still warm.

1. Remove drain plug 2 (fig. 14 or 15) and drain oil.
2. Reinstall drain plug and tighten securely.
3. Remove level plug and fill with EP Transmission Oil (see page 2). Oil should be level with bore of level plug.

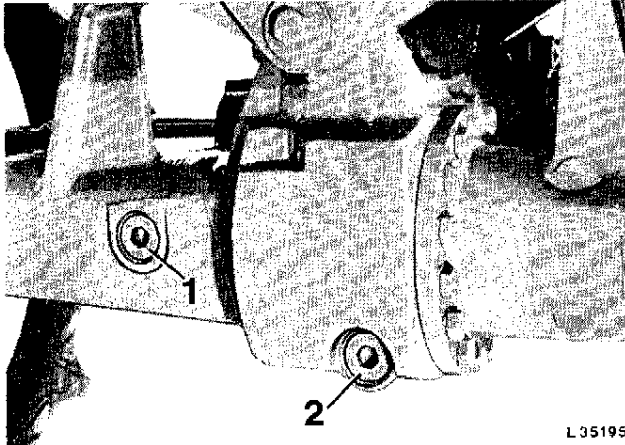


Fig. 15 — Axle Housing (from serial no. 450 000 L)

- 1 Level plug
- 2 Drain plug

4. Reinstall and tighten level plug.

Oil Capacity — Axle Housing

up to serial no. 449 999 L	5.3 liters (1.4 U.S.gal.)
from serial no. 450 000 L	5.0 liters (1.3 U.S.gal.)

Service Interval: Change oil every 1000 hours.

FINAL DRIVES OIL CHANGE

1. Turn wheel until drain plug 1 (fig. 11 or 12) is at the bottom. Remove drain plug and drain oil.
2. Turn wheel until mark "Ölstand" (3 or 2) is in level position.
3. *On tractors up to serial No. 449 999 L:* Remove level plug 2 (fig. 11).
4. Fill with fresh oil through hole of drain plug 1 (fig. 11 or 12). Use EP transmission oil according to specifications given on page 2.

Oil Capacity — Each Final Drive Housing

up to serial no. 449 999 L	1 liter (0.3 U.S.gal.)
from serial no. 450 000 L	0.75 liter (0.2 U.S.gal.)

5. Check oil level as described on page 8. Reinstall drain plug and tighten securely.

Service Interval: Change oil every 1000 hours.

Front Wheel Bearings

CLEANING AND PACKING BEARINGS

1. Jack up front axle.
2. Remove hub cap. Remove cotter pin and slotted nut.
3. Disassemble parts. Clean parts in solvent and blow them dry with compressed air.
4. Inspect parts carefully for damage. Replace bearings if they are worn. Replace oil seal and oil seal cup if grooves are worn in cup.
5. Pack bearings with John Deere EP-multipurpose grease or SAE EP multipurpose grease. Coat seal with EP multipurpose grease or its equivalent.
6. Reassemble parts. Tighten slotted nut until a slight drag is felt when wheel is turned. Back nut off just enough to insert cotter pin in first hole.
7. Reinstall hub cap.

Service Interval: Every 1000 hours.

Lubricating Points

IMPORTANT! Thoroughly clean all grease fittings prior to greasing and replace damaged grease fittings immediately.

CLUTCH THROW-OUT BEARING (When Equipped)

Lubricate clutch throw-out bearing with three strokes of grease gun. Always use JOHN DEERE high temperature EP multipurpose.

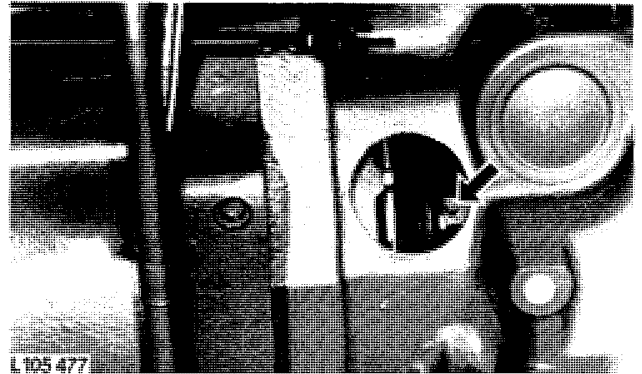


Fig. 16 – Throw-Out Bearing Grease Fitting
(Tractor without Cab Shown)

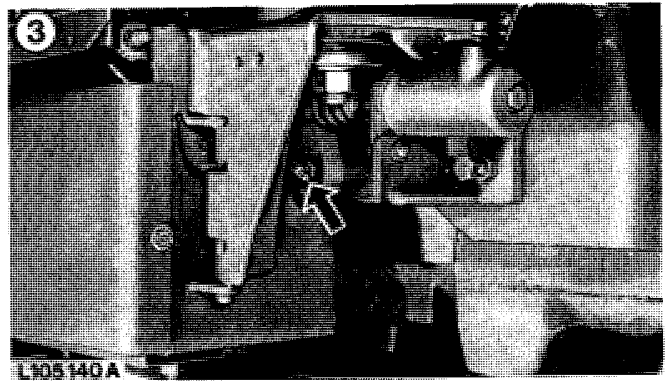


Fig. 17 – Throw-Out Bearing Grease Fitting
(Tractor with SG2 Cab Shown)

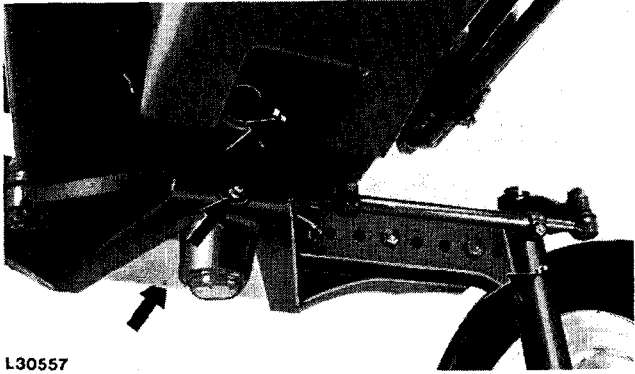
Service Interval: Every 100 hours.

Lubricate grease fittings shown in figs. 18 to 28 using John Deere EP multipurpose grease or SAE multipurpose grease.

LUBRICATING FRONT AXLE (TRACTORS WITHOUT FRONT WHEEL DRIVE)

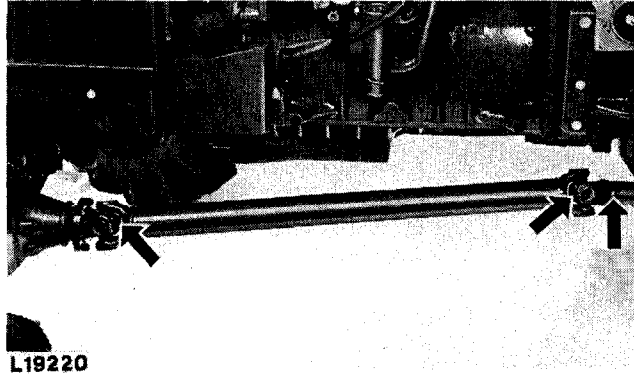
LUBRICATING FRONT AXLE (TRACTORS WITH FRONT WHEEL DRIVE)

Mechanical Front Wheel Drive up to Serial No. 449 999 L



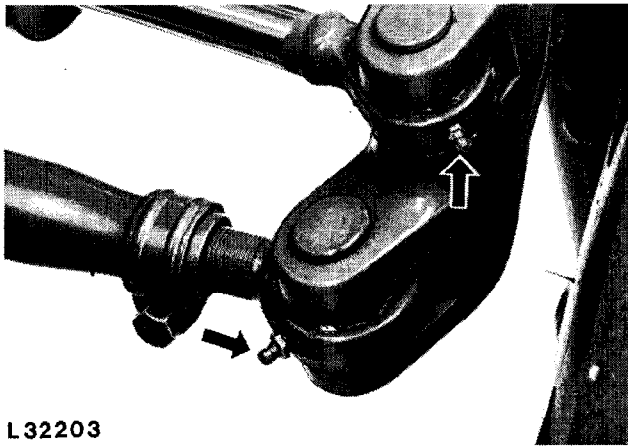
L30557

Fig. 18 — Front Axle Grease Fittings



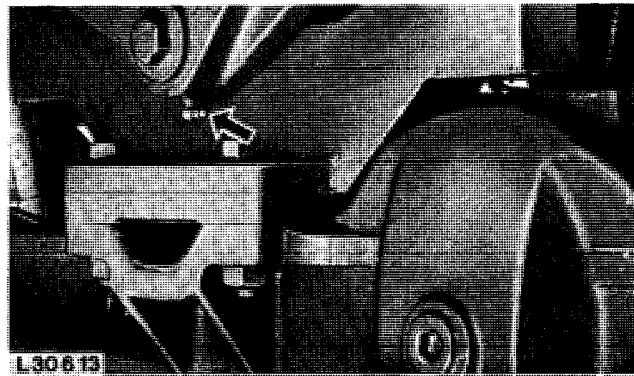
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Fig. 21 — Jointed Drive Shaft Grease Fittings



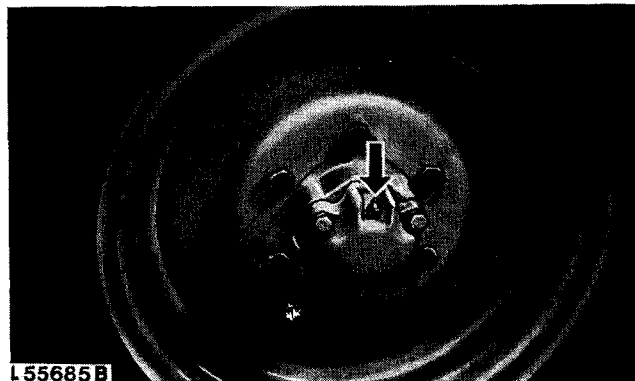
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Fig. 19 — Piston Rod and Tie Rod Grease Fittings (Tractors with Hydrostatic Steering)



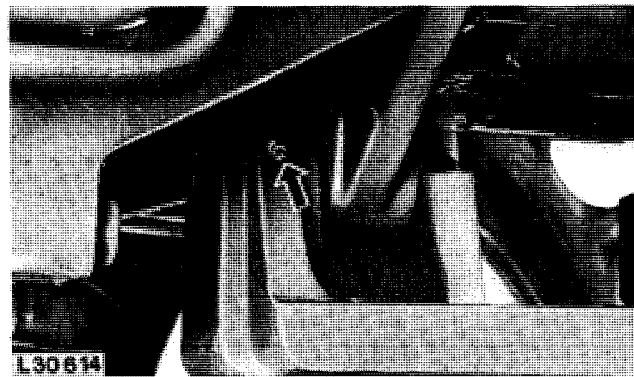
L30613

Fig. 22 — Front Axle Carrier Grease Fitting



L55685B

Fig. 20 — Front Wheel Hub Grease Fitting



L30614

Fig. 23 — Oscillating Support Grease Fitting

Service Interval: At predelivery, every 10 hours when operating in wet and muddy conditions, otherwise every 50 hours.



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