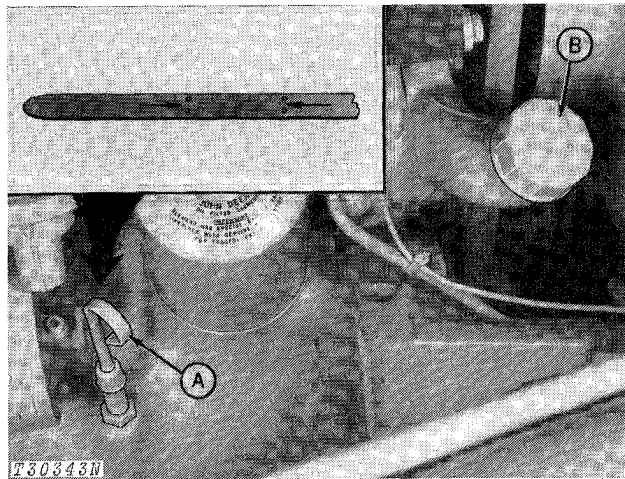


5. Crankcase Oil Level



A—Dipstick

B—Oil Filler Cap

Fig. 3-Crankcase Oil Level

Check crankcase oil level with machine on level ground. (Allow a minimum of 10 minutes for the oil to drain down before checking.) If oil level is at or below bottom mark on dipstick, add oil specified on page 10-15-1 to bring oil level to between marks on dipstick. Do not operate engine with oil level below the bottom mark.

Crankcase oil level checked	Yes	No
Oil added		qts. (L)

6. Transmission Oil Level

Check transmission-hydraulic oil level.

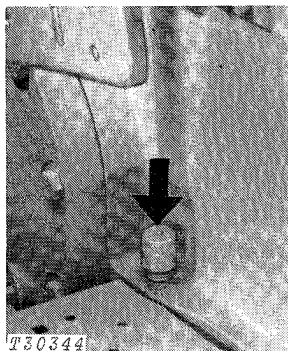


Fig. 4-Transmission-Hydraulic System Dipstick Resting On Top Threads

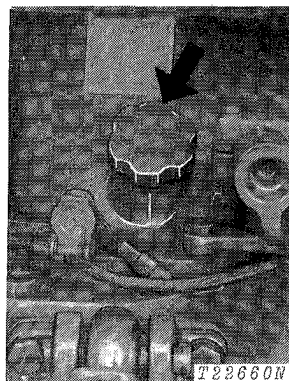


Fig. 5-Transmission-Hydraulic System Filler Cap

Run engine two to three minutes to fill oil circuits. Check oil level with machine on level ground, engine running at slow idle, rockshaft and any equipment lowered, reverser lever (if equipped) locked in neutral, parking brake engaged (if equipped), range shift lever in park, and clutch engaged. Remove dipstick and wipe off oil. Insert dipstick with cap resting on threads of tube (not screwed in place). If oil level is down to bottom mark on dipstick, add oil. Remove filler cap on rockshaft housing and add oil specified on page 10-15-1 to bring oil level to top mark on dipstick.

Oil level checked	Yes	No
Oil added		qts. (L)

7. Fuel Tank

Fill fuel tank with correct fuel. Check action of fuel gauge.

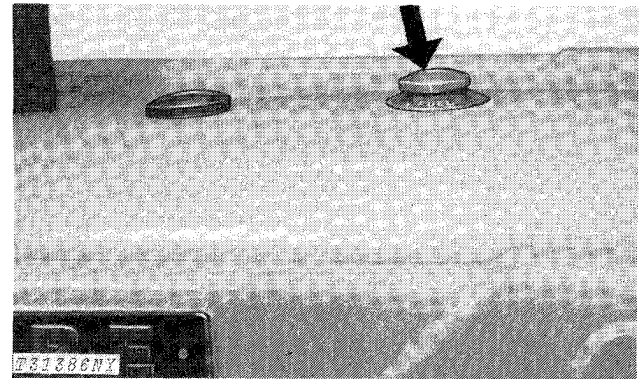
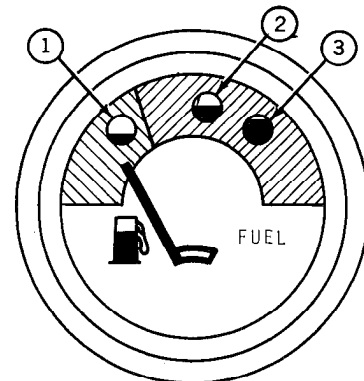


Fig. 6-Fuel Tank Filler Cap



1—Empty Tank

2—Half Full Tank

3—Full Tank

Fig. 7-Fuel Gauge

Fuel tank filled	Yes	No
Fuel gauge checked	Yes	No

8. Grease Fittings

All grease fittings were lubricated and checked before the unit left the factory. However, to insure customer satisfaction, check each fitting shown. Lubricate, if necessary, with John Deere Multi-Purpose Grease or an equivalent.

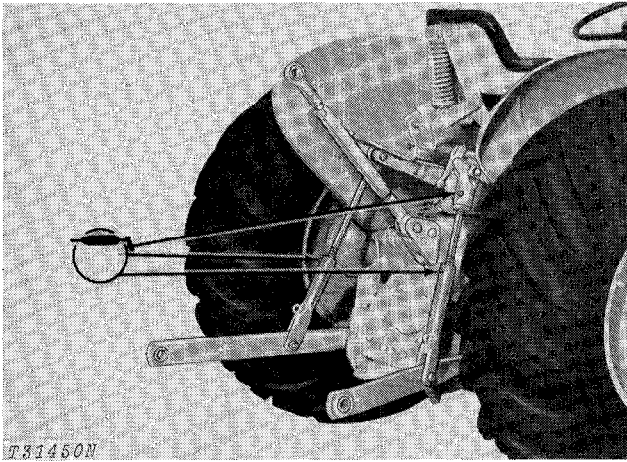


Fig. 8-3-Point Hitch (3 points)

Lubrication required Yes No

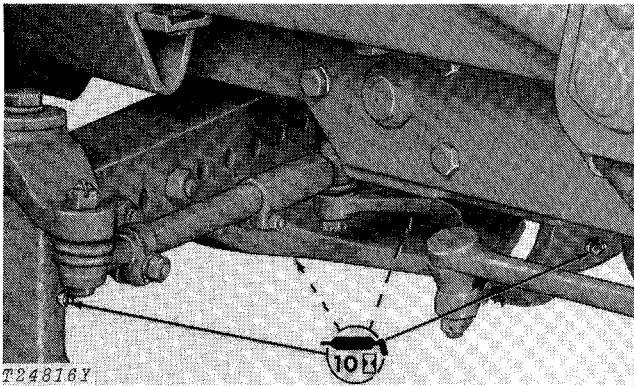


Fig. 9-Front Axle Pivot Points (4 points)

Lubrication required Yes No

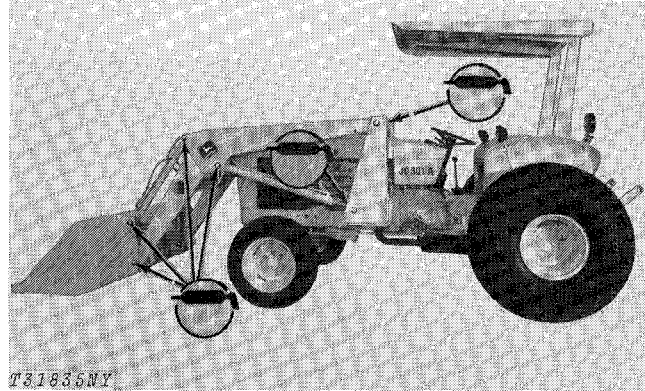


Fig. 10-Loader Pivot Points (12 points)

Lubrication required Yes No

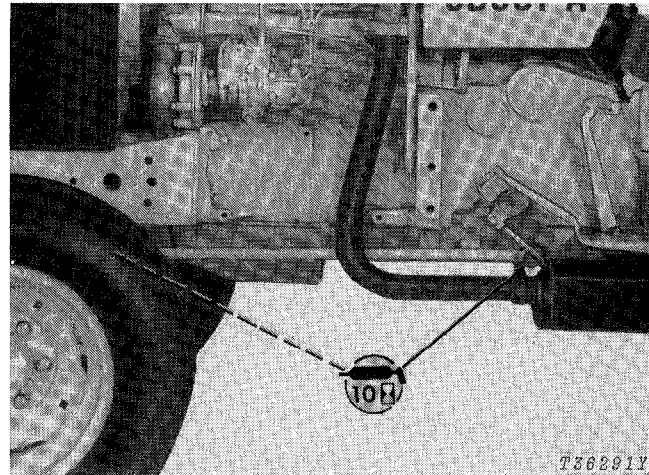


Fig. 11-Drag Links (2 points)

Lubrication required Yes No

9. Air Intake Hoses

Check clamps on hoses connecting air cleaner and engine. Tighten hose clamps where necessary. Inspect hoses for cracks.

Intake hoses checked Yes No

10. Alternator - Fan Belt Tension

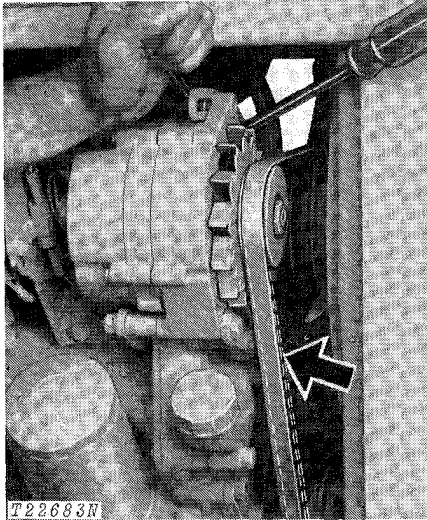


Fig. 12-Alternator - Fan Belt Tension

Check alternator-fan belt tension. Loosen the alternator bracket and adjusting cap screws. Apply outward force to the FRONT alternator frame until 20 lb (9 kg) force on the belt midway between the pulleys will deflect the belt 3/4 inch (19 mm). If a tension gauge is used, strand tension must be 90 lb (41 kg).

IMPORTANT: Do not pry on the rear of the alternator housing.

Belt tension checked Yes No

11. Engine Speeds

Check engine speeds.

Slow idle - 825 rpm
Fast Idle - 2650 rpm hand throttle
2800 rpm foot throttle

If adjustment is needed, see page 10-10-18.

Engine speeds checked Yes No

12. Fuel Filter

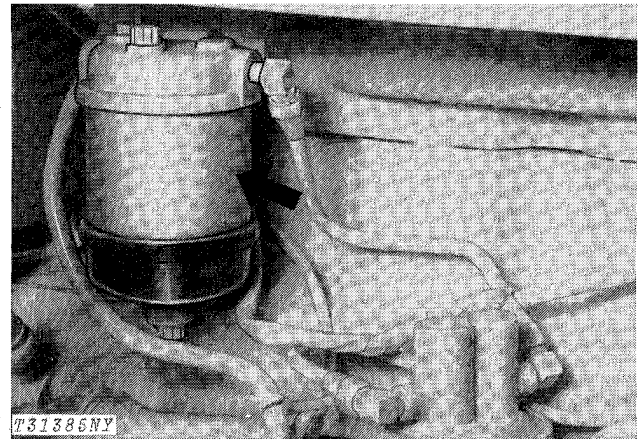


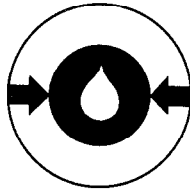
Fig. 13-Fuel Filter

Check fuel filter for sediment. Drain if necessary.

Fuel filter checked Yes No

13. Indicator Lights and Gauges

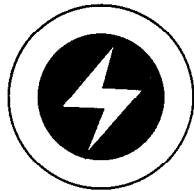
Check operation of indicator lights.



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Fig. 14-Engine Oil Pressure Indicator Light

If light glows red when engine is running, stop engine immediately and determine cause.

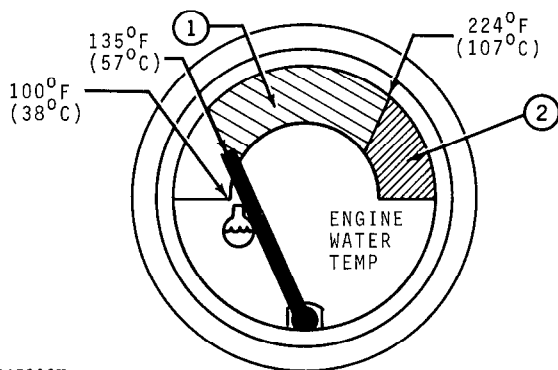


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Fig. 15-Alternator Indicator Light

Light glows red when alternator is not charging. When light goes on with engine running, stop engine and determine cause.

Check operation of the engine coolant temperature gauge.



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1—Operation Range 2—Overheat Range

Fig. 16-Coolant Temperature Gauge

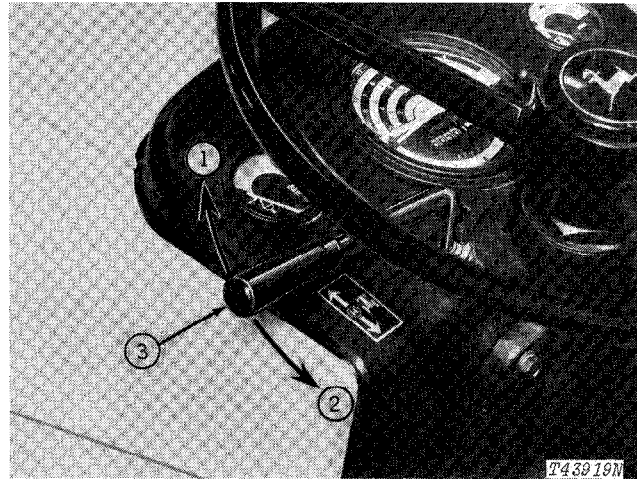
If the indicator hand goes into the red-orange zone, stop the engine. Check the cooling system.

NOTE: Fuel gauge is on page 10-10-3.

Indicator lights and gauges checked Yes No

14. Reverser

Check the reverser operation.



1—Forward 2—Reverse 3—neutral

Fig. 17-Reverser Lever

The reverser unit allows the operator to change the direction of travel "on the go" without declutching or shifting gears.

Note and correct any reverser malfunctions.

See page 10-10-20 for reverser speed-of-shift adjustment.

Reverser checked Yes No

15. Differential Lock

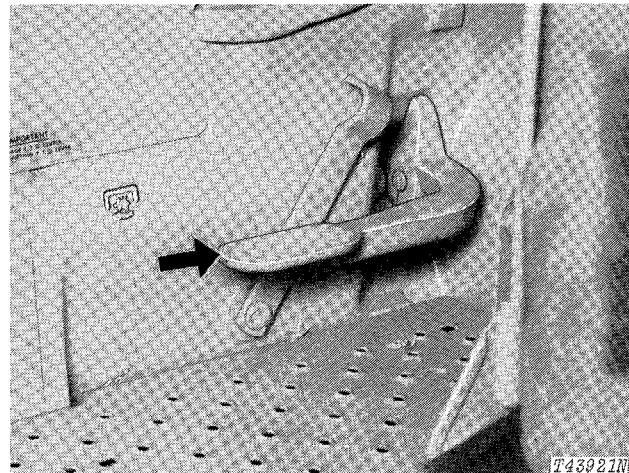


Fig. 18-Differential Lock Pedal

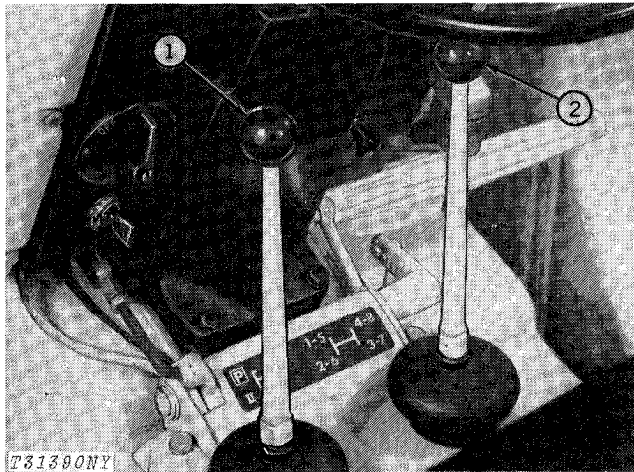
Check the differential lock operation.

While driving straight ahead, push down the differential lock pedal. Hold the pedal down. Turn the steering wheel slightly. There will be steering resistance if the differential lock is working correctly.

The differential lock will automatically disengage when the pedal is released if traction for both rear wheels is equal. Unequal traction will keep the lock engaged.

Differential lock checked Yes No

16. Transmission Shifting



1—Range Shift Lever

2—Gear Shift Lever

Fig. 19-Transmission

Check the operation of the unit in all ranges and gears.

Correct any malfunctions.

Transmission shifting checked Yes No

17. Brakes

Check operation of brakes.

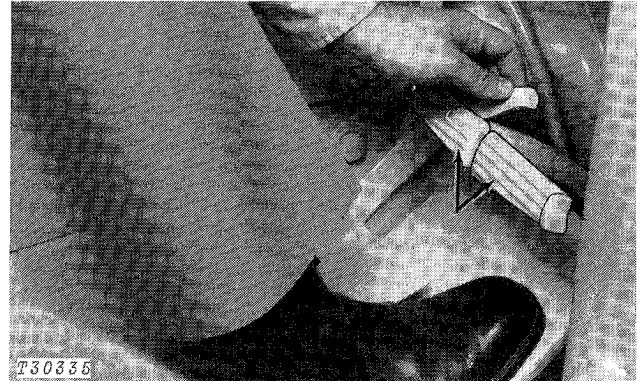


Fig. 20-Hydraulic Brakes

To stop the machine, push down both brake pedals. The machine must not pull to one side when stopping.

Turn to the left (L.H.). Push down the left (L.H.) brake pedal as you turn. Turn to the right (R.H.). Push down the right (R.H.) pedal as you turn.

The operator must feel the braking action pulling the machine to the left (L.H.) or right (R.H.). Brake action must be the same for both brakes.

Hydraulic brakes checked Yes No

18. Clutch Pedal Free Travel

Without Reverser (with continuous PTO)

Check the free travel of the clutch pedal. Free travel (1, Fig. 21) must be 1/2 in. (13 mm) to 1 in. (25 mm).

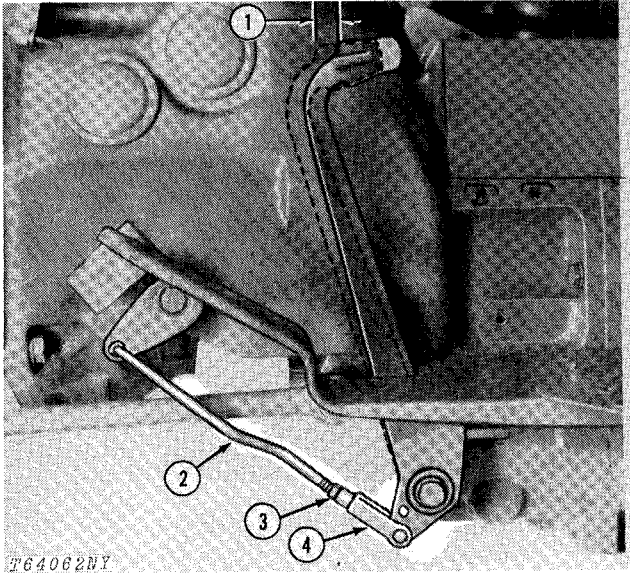
IMPORTANT: Do not operate the machine when the free travel of the clutch pedal is less than 1/2 inch (13 mm).

See page 10-10-22 for adjustment of free travel.

Without Reverser (with no PTO or with independent PTO)

Push the clutch pedal down until the clutch fingers contact the throwout bearing. Measure the distance from the pedal arm to where the pedal arm contacts the pedal stop. This distance must be 5 in. (127 mm).

If adjustment is needed, see page 10-10-22.



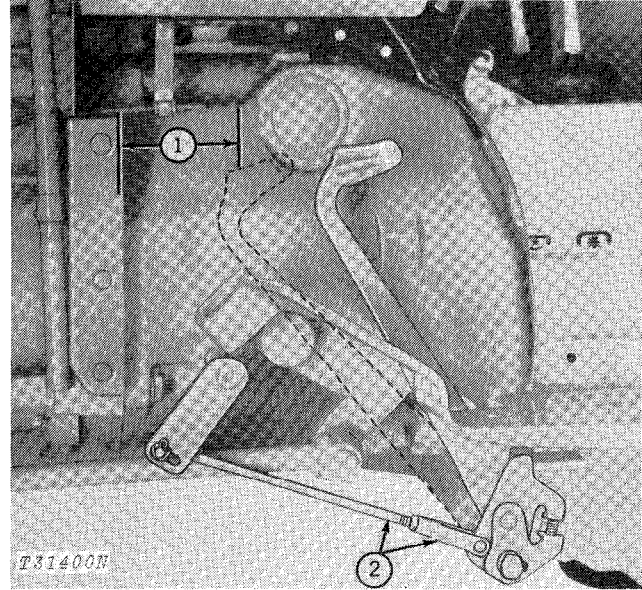
1—Specified Free Travel 3—Jam Nut
 2—Clutch Rod 4—Yoke

Fig. 21-Clutch Pedal Free Travel
 (Without Reverser)

With Reverser

Check the free travel of the clutch pedal. Push the pedal down to the bottom of the first stage detent. In this position the throwout bearing will be against the clutch fingers. The top right (R.H.) edge of the rear of the pad of the clutch pedal must be 5-1/4 in. (133 mm) to 5-3/4 in. (146 mm) from the front of the bolting flange of the clutch housing. See 1, Fig. 22.

If free travel is more than 5-3/4 in. (146 mm), see page 10-10-22 for adjustment.



1—5-1/4 inches (133 mm) to 5-3/4 (146 mm)
 2—Pedal Adjusting Rod and Yoke

Fig. 22-Clutch Pedal Free Travel
 (With Reverser)

Free travel checked Yes No

19. Engine Crankcase Vent Tube

Remove the vent tube. Clean it with diesel fuel. Install the vent tube. Be sure the packing fits correctly in the tappet cover.

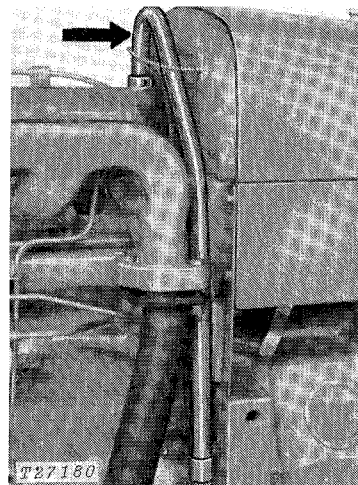


Fig. 23-Crankcase Vent Tube

Vent tube cleaned Yes No



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to download the complete manual.

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