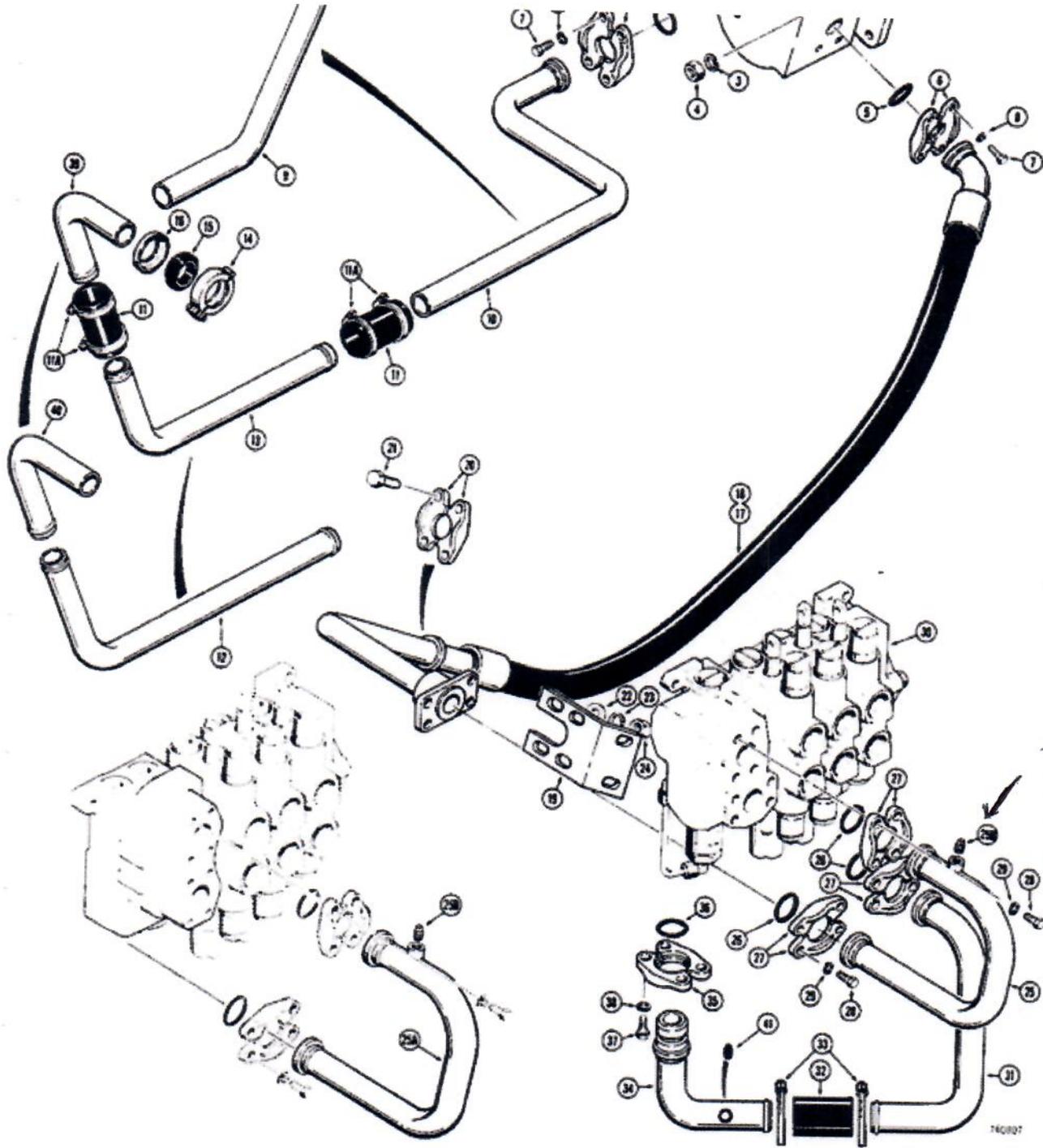


Serial Number:

HOVER BURNHES

Navigated Path: Case CE NAR > HEAVY EQUIPMENT > CRAWLER DOZERS > 1000 > 1150B - CASE CRAWLER TRACTOR (1/73-12/84) > 07 - HYDRAULIC SYSTEM > 214 - EQUIPMENT BASIC HYDRAULIC CIRCUIT, HYDRAULIC PUMP TO EQUIPMENT CONTROL VALVE W/ REAR PORTED PUMP >



Call shop when you have gauge plumbed in.

7. Compare the pressure indication found in the test with the specification on page 8002-3.
8. If the pressure indication is not the same as the specification, see page 8002-35 and adjust the secondary relief valve.

Adjusting the Secondary Relief Valve

1. Remove the plug from the end of the secondary relief valve.

2. Loosen the lock nut on the adjusting screw.
3. Turn the adjusting screw into the secondary relief valve to increase the pressure setting. Turn the adjusting screw out of the secondary relief valve to decrease the pressure setting.
4. Tighten the lock nut without turning the adjusting screw.
5. Check the pressure setting of the secondary relief valve.

MAIN RELIEF VALVE

Pressure Check for Machines with a Loader

1. Remove the cover for the equipment valve on the right side of the machine.
2. Loosen and remove the plug from the tube to the inlet port of the equipment control valve.
3. See Figure 18 and connect a pressure gauge to the tube.
4. Start the engine and run the engine at full throttle.
5. Move the loader control lever into the Rollback position. Hold the loader control lever in position.
6. Look at the pressure gauge. The pressure gauge must indicate 2150 - 2300 psi (14 824 - 15 858 kPa).
7. If the pressure gauge does not indicate 2150 - 2300 psi (14 824 - 15 858 kPa), adjust the main relief valve.

6. Look at the pressure gauge. The pressure gauge must indicate 1750 - 1900 psi (12 066 - 13 100 kPa).
7. If the pressure gauge does not indicate 1750 - 1900 psi (12 066 - 13 100 kPa), adjust the main relief valve.

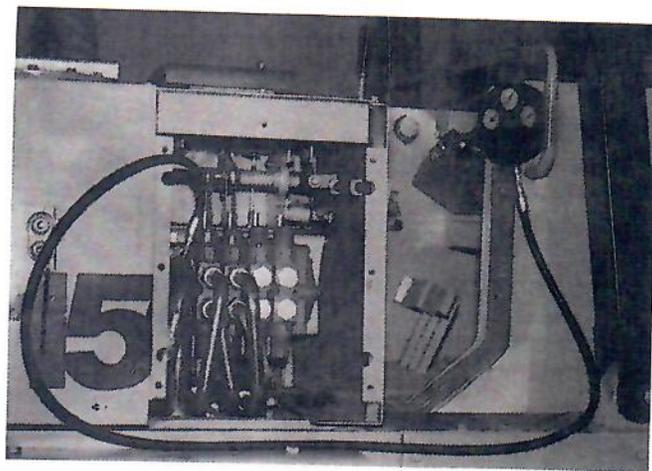


Figure 18

Pressure Check for Machines with a Blade

1. Remove the cover for the equipment control valve on the right side of the machine.
2. Loosen and remove the plug from the tube to the inlet port of the equipment control valve.
3. See Figure 18 and connect a pressure gauge to the tube.
4. Start the engine and run the engine at full throttle.
5. Move the blade control lever to the Tilt position. Hold the blade control lever in position.

Adjusting the Main Relief Valve

1. Loosen the lock nut on the adjusting screw for the main relief valve.
2. Turn the adjusting screw into the main relief valve to increase the pressure setting. Turn the adjusting screw out of the main relief valve to decrease the pressure setting.
3. Tighten the lock nut without turning the adjusting screw.
4. Check the pressure setting of the main relief valve.