

4. Install test gauge in one of the servo tests ports (2 or 3).
5. Heat transmission oil to normal operating temperature. See Transmission Oil Warm-up Procedure. (Group 9026-25.)

Specification

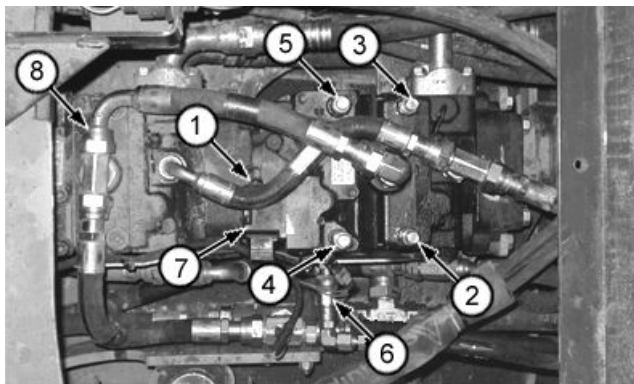
Transmission
 Oil—Temperature.....57—66°C
 135—150°F

6. Disconnect front and rear Pump Pressure Control Pilot (PCP) (1) harness connectors.
7. Set engine speed to specification.

Specification

Engine—Speed.....Slow Idle

8. Ensure that park lock lever is in the UP (locked) position.



Front Pump Test Ports Shown

- | | |
|-------------------------------------------------------------|-------------------------------------------------------------|
| 1— Pressure Control Pilot (PCP) Internal Adjustment Port | 5— Forward Pump Displacement Control Valve (PDCV) Test Port |
| 2— Reverse Servo Test Port | 6— Park Brake Quick Coupler |
| 3— Forward Servo Test Port | 7— Pressure Control Pilot (PCP) Manual Override Lever |
| 4— Reverse Pump Displacement Control Valve (PDCV) Test Port | 8— Drain Line To Rear Pump |

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9. Loosen pump neutral adjustment screw lock nut (4).
10. Slowly turn adjusting screw, noting direction of turn, until pressure on gauge just rises. Stop and mark location of adjusting screw.
11. Turn machine OFF and move gauge to opposite servo test port.
12. Start machine and set engine speed to specification.

Specification

Engine—Speed.....Slow Idle

13. Ensure that park lock lever is in the UP (locked) position.
14. Slowly turn the screw in the opposite direction, counting the number of turns until pressure on gauge just rises. Stop and mark location of adjusting screw.

NOTE: Leveling swash plate would only be considered if pump was just reinstalled on machine after servicing.

- If total number of turns is 1/2 turn or less, disassemble pump and level swash plate again. See Hydrostatic Pump Disassemble. (Group 0360.)
- If total number of turns is more than 2 turns, disassemble pump displacement control valve and check for a worn feedback link. See Pump Displacement Control Valve (PDCV) Disassemble and Assemble. (Group 0360.)
- If total number of turns is more than 1/2 but less than 2 turns, continue with next step.

15. Turn the screw back 1/2 the total number turns and tighten locking nut.

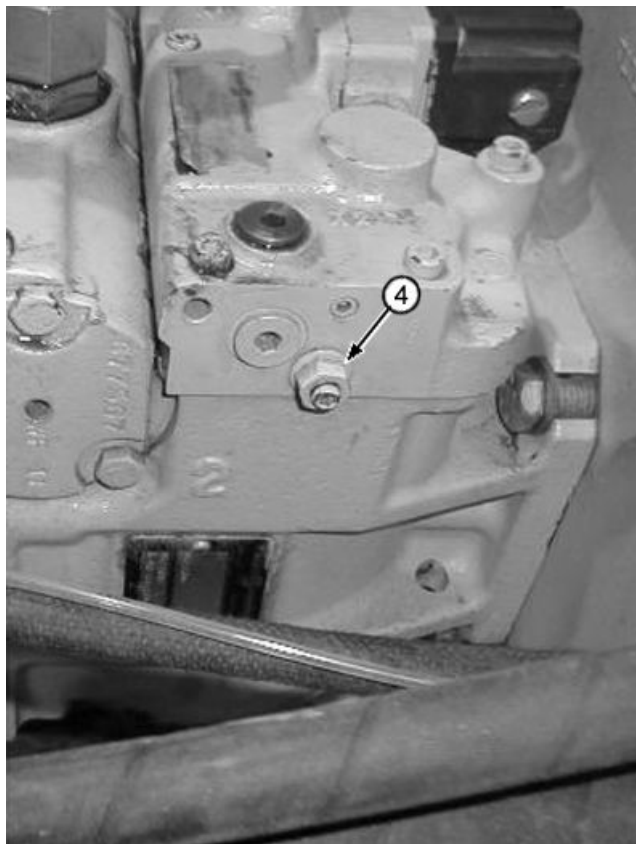
Specification

PDCV Neutral

Adjustment —Turns..... 1/2 total number of turns as marked (from fwd pressure rise-to-rev pressure rise)

Adjusting Screw

Nut—Torque.....7 N·m
62 lb-in.



**4— Neutral Adjustment Screw
Lock Nut**

16. Repeat procedure on the other track pump.
17. Disconnect test equipment.
18. Calibrate Transmission Controller. See Transmission Control Unit (TCU) Calibration. (Group 9015-20.)

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