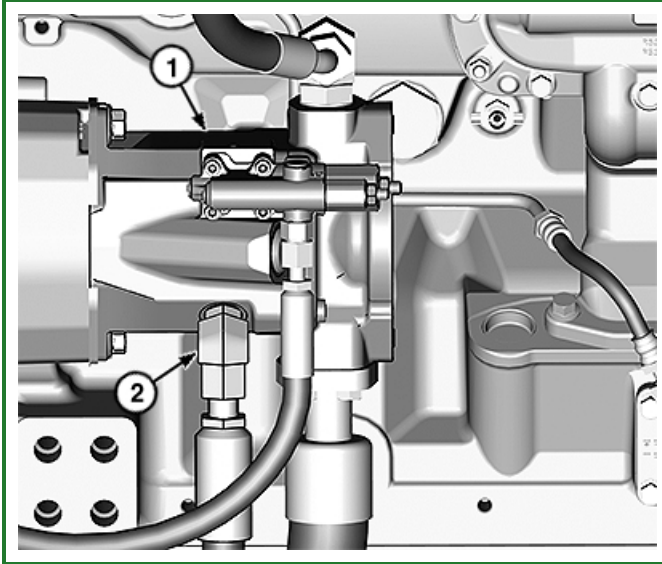


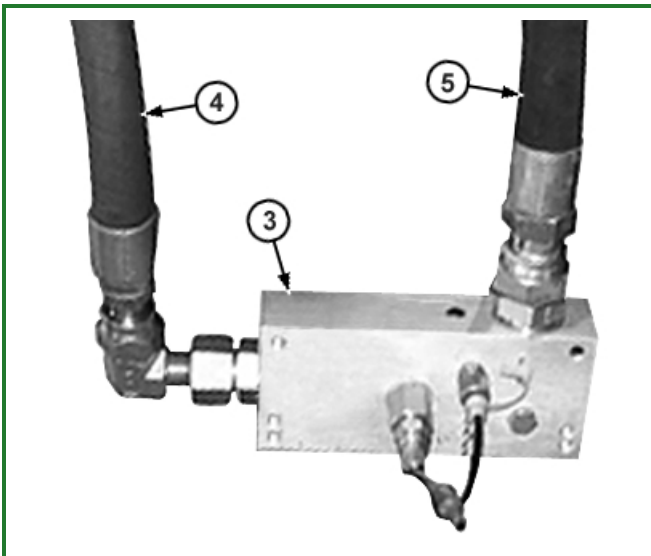
Stop engine and relieve hydraulic pressure. See [Hydraulic System Pressure and Accumulators Discharge](#) . (Group 9025-25.)

3. Apply vacuum or drain hydraulic reservoir. See [Vacuum Pump Installation](#) (Group 9025-25) or see [Drain, Flush, and Refill Hydraulic System Oil](#) . (Operator's Manual.)

4.



TX1164630A-UN: Hydraulic Fan Pump



TX1047882A-UN: Flowmeter

LEGEND:

- 1 - Hydraulic Fan Pump
- 2 - Case Drain Hose
- 3 - JT07148 Flowmeter
- 4 - Test Hose From Hydraulic Fan Pump Case Drain
- 5 - Test Hose to Hydraulic Reservoir Filler Neck

Disconnect case drain hose (2) from hydraulic fan pump (1). Close hose opening with plug.

5. Install test hose (4) from hydraulic fan pump case drain to the inlet of the JT07148 flowmeter (3).
6. From flowmeter outlet, route and secure test hose (5) to hydraulic reservoir filler neck.

7. Remove vacuum or fill hydraulic reservoir. [See Drain, Flush, and Refill Hydraulic System Oil](#) . (Operator's Manual.)
8. Increase hydraulic fan pump output by accessing Machine Config under Main Menu in the advanced display unit (ADU) and setting fan speed to 100 percent. [See Advanced Display Unit \(ADU\) Circuit Theory of Operation](#) . (Group 9015-05.)

| Item | Measurement | Specification |
|---------------|-------------|---------------|
| Hydraulic Fan | Speed | 100% |

9. IMPORTANT:

Prevent damage to fan pump. Make sure that flowmeter load valve is in the full open position before starting engine.

Set flowmeter load valve to full open position.

10. Perform hydraulic oil warm-up procedure. [See Hydraulic Oil Warm-Up Procedure](#) . (Group 9025-25.)

| Item | Measurement | Specification |
|---------------|-------------|----------------------|
| Hydraulic Oil | Temperature | 60—70°C 140—160°F |

11. Operate engine at specification.

| Item | Measurement | Specification |
|--------|-------------|---------------|
| Engine | Speed | Fast Idle |

12. Record leakage and compare to specification.

| Item | Measurement | Specification |
|-------------------------------|-------------------|-----------------------|
| Hydraulic Fan Pump Case Drain | Leakage (maximum) | 8.2 L/min. 2.2 gpm |

13. If case drain leakage is more than specification, repair or replace hydraulic fan pump as necessary.
14. Apply vacuum or drain hydraulic reservoir. [See Vacuum Pump Installation](#) (Group 9025-25) or [see Drain, Flush, and Refill Hydraulic System Oil](#) . (Operator's Manual.)
15. Remove test equipment and connect hydraulic fan pump case drain hose.
16. Remove vacuum or fill hydraulic reservoir. [See Drain, Flush, and Refill Hydraulic System Oil](#) . (Operator's Manual.)
17. Remove frame articulation lock bar.

Go to [Section_9025:Group_25](#)

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