

Pilot Signal Manifold Remove and Install

-: Specifications

SPECIFICATIONS	
Hydraulic Oil Tank Capacity	69 L 18.2 gal

1. Park and prepare machine for service safely. See [Park and Prepare for Service Safely](#) . (Group 0001.)

2.

⚠ CAUTION:

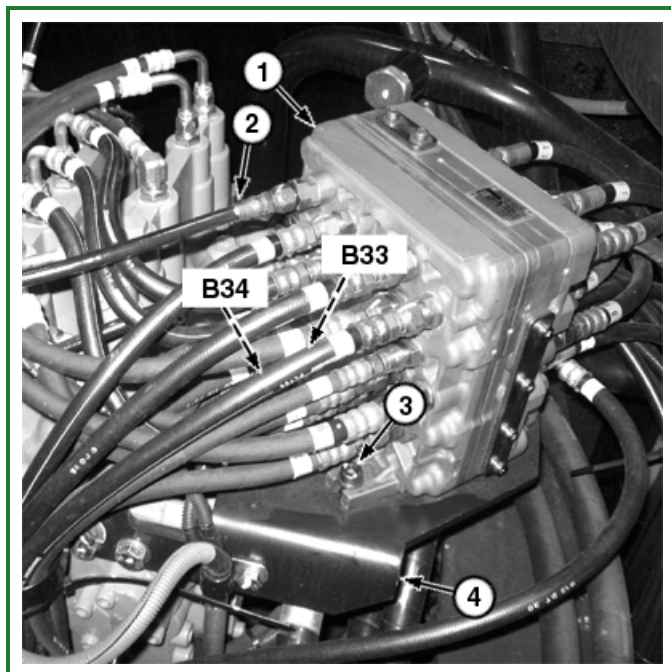
Avoid personal injury from high-pressure fluid. High-pressure release of oil from pressurized system can cause serious burns or penetrating injury. Relieve pressure from hydraulic system before servicing.

Release hydraulic oil tank pressure by pressing pressure release button at top of hydraulic oil tank. See [Hydraulic Oil Tank Pressure Release Procedure](#) . (Group 9025-25.)

3. Apply vacuum or drain hydraulic oil tank. See [Apply Vacuum to Hydraulic Oil Tank](#) . (Group 3360.) See [Drain and Refill Hydraulic Tank Oil](#) . (Operator’s Manual.)

Item	Measurement	Specification
Hydraulic Oil Tank Capacity		69 L 18.2 gal

4.



TX1167000A-UN: Pilot Signal Manifold

LEGEND:

- 1 - Pilot Signal Manifold
- 2 - Pilot Line (24 used)
- 3 - Cap Screw (4 used)

4 - Bracket

B33 - Swing Pressure Sensor

B34 - Travel Pressure Sensor

Install identification tags and disconnect swing pressure sensor (B33) and travel pressure sensor (B34).
[See Machine Harness \(W2\) Component Location](#) . (Group 9015-10.)

5. Install identification tags and disconnect pilot lines (2). Close all openings using caps and plugs.

- [See Pilot Control Valve-to-Pilot Signal Manifold Component Location—Excavator Pattern](#) . (Group 9025-15.)
- [See Pilot Control Valve-to-Pilot Signal Manifold Component Location—Backhoe Pattern](#) . (Group 9025-15.)
- [See Pilot Signal Manifold-to-Control Valve Line Connection](#) . (Group 9025-15.)

6. Remove cap screws (3) and pilot signal manifold (1).

7. Repair or replace parts as necessary. [See Pilot Signal Manifold Disassemble and Assemble](#) . (Group 3360.)

8. Set pilot signal manifold on bracket (4). Install and tighten cap screws.

9. Connect pilot lines.

- [See Pilot Control Valve-to-Pilot Signal Manifold Component Location—Excavator Pattern](#) . (Group 9025-15.)
- [See Pilot Control Valve-to-Pilot Signal Manifold Component Location—Backhoe Pattern](#) . (Group 9025-15.)
- [See Pilot Signal Manifold-to-Control Valve Line Connection](#) . (Group 9025-15.)

10. Connect swing pressure sensor and travel pressure sensor. [See Machine Harness \(W2\) Component Location](#) . (Group 9015-10.)

11. Remove vacuum or fill hydraulic oil tank. [See Apply Vacuum to Hydraulic Oil Tank](#) . (Group 3360.) [See Drain and Refill Hydraulic Tank Oil](#) . (Operator's Manual.)

12. IMPORTANT:

Hydraulic pump will be damaged if not filled with oil before starting. Procedure must be performed to fill pump housing whenever oil has been drained from the pump or hydraulic oil tank.

If hydraulic oil tank was drained, perform pump 1 and 2 start-up procedure. [See Pump 1 and 2 Start-Up Procedure](#) . (Group 3360.)

13.

 **CAUTION:**

Prevent possible personal injury from unexpected machine movement. Clear all persons from area before operating machine.

Operate machine and check for leaks. Verify all pilot control functions operate correctly. [See Operational Checkout](#) . (Group 9005-10.)