

Pump Pressure Bypass Valve Remove and Install

REMOVAL

1. Remove front attachment and park machine on a flat, level surface.
2. Raise boom and engage boom lock. [See Boom Lock](#) . (Operator's Manual.)

3.

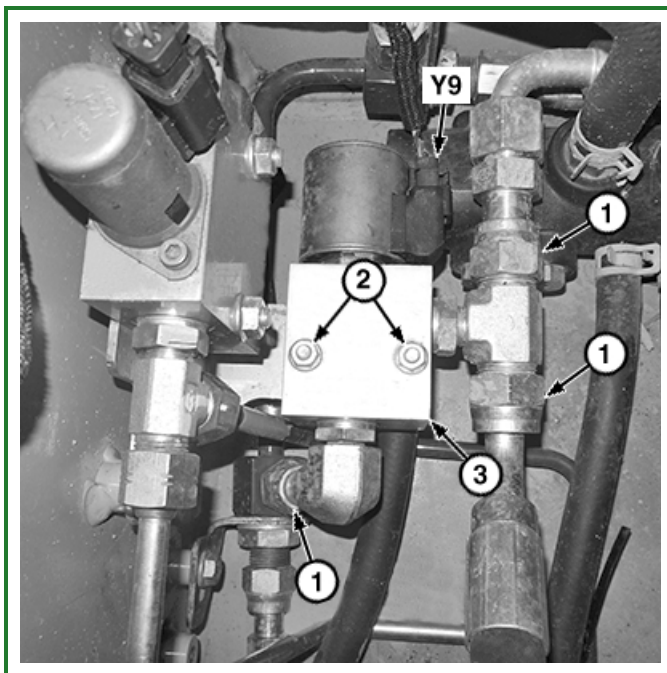
⚠ CAUTION:

To avoid injury from escaping fluid under pressure, stop engine and relieve the pressure in the system before disconnecting or connecting hydraulic or other lines. Tighten all connections before applying pressure.

Relieve hydraulic system pressure. [See Hydraulic System Pressure Release](#) . (Group 9025-25.)

4. Apply vacuum or drain hydraulic reservoir. [See Vacuum Pump Installation](#) . (Group 2160.) [See Drain and Refill Hydraulic Oil](#) . (Operator's Manual.)
5. Remove footwell. [See Footwell Removal](#) . (Operator's Manual.)

6.



TX1256204A-UN: Pump Pressure Bypass Valve

LEGEND:

- 1 - Hydraulic Line (3 used)
- 2 - Nut (2 used)
- 3 - Pump Pressure Bypass Valve
- Y9 - Pump Pressure Bypass Solenoid

Install identification tags and disconnect pump pressure bypass solenoid (Y9).

7. **IMPORTANT:**

Prevent possible system contamination. Absolute cleanliness is essential when working on hydraulic components. Clean component and adjacent areas before starting work. Close all openings using caps

and plugs.

Install identification tags and disconnect hydraulic lines (1). Close all openings using caps and plugs.

8. Remove nuts (2) and pump pressure bypass valve (3).

9. Clean and inspect parts. Repair or replace as necessary.

INSTALLATION

Installation is reverse of removal procedure.

Go to [Section_21:Group_2160](#)

BS40810,0000304-19-20180501