

## Oil Cooler Bypass Valve Repair

### Remove and Install Oil Cooler Bypass Valve

1.

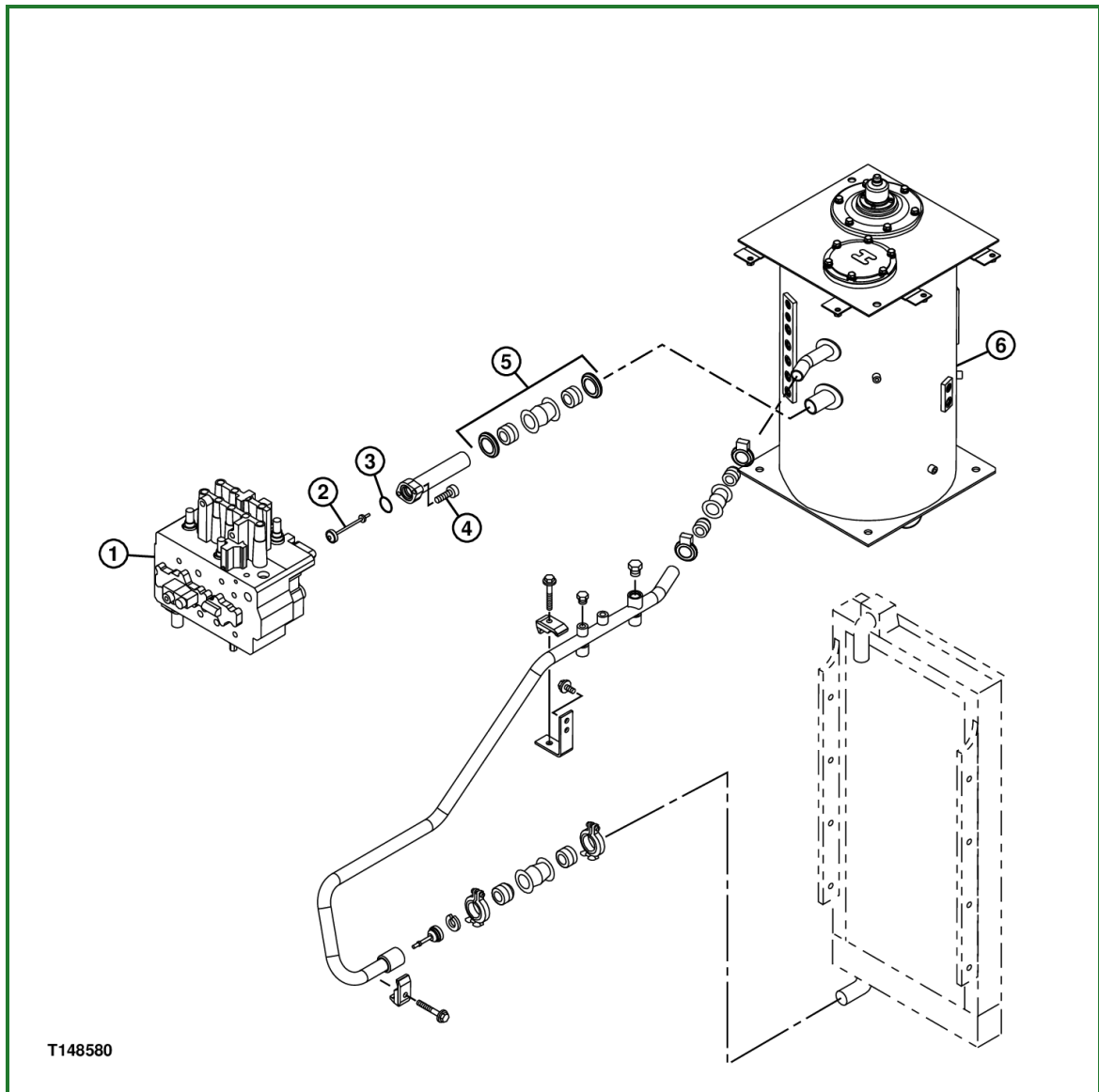
**⚠ CAUTION:**

*The hydraulic oil tank is pressurized. High pressure release of oil can cause serious burns or penetrating injury.*

Do [Hydraulic Oil Tank Vent Procedure](#) . (See procedure in this group.)

2. Pull vacuum in hydraulic oil tank using vacuum pump or drain hydraulic oil tank. Approximate oil capacity is 76 L (20 gal).

3.



**T148580-UN: Oil Cooler Bypass Valve**

**LEGEND:**

- 1 - Control Valve
- 2 - Oil Cooler Bypass Valve
- 3 - O-Ring

- 4 - Cap Screw (2 used)
- 5 - Coupling
- 6 - Hydraulic Oil Tank

Repair or replace oil cooler bypass valve (2).

4. Tighten nuts on coupling (5).

Item	Measurement	Specification
Oil Cooler Bypass Valve		
Control Valve-to-Hydraulic Oil Tank Return Line Coupling Nut	Torque	11.4 N·m (100 lb-in.)

5. Tighten cap screw (4).

Item	Measurement	Specification
Oil Cooler Bypass Valve		
Split Coupling-to-Control Valve Cap Screw	Torque	50 N·m (37 lb-ft)

6. Fill and check **Hydraulic Oil** level. See 120C Drain and Refill Capacities . (Operator's Manual.)

7. 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.

Do **Hydraulic Pump Start-Up Procedure** . (See procedure in this group.)

Go to [Section\\_33:Group\\_3360](#)

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