

Center Joint Remove and Install

SPECIFICATIONS	
Hydraulic Oil Tank Capacity (approximate)	56 L 14.8 gal.
Center Joint Weight (approximate)	32 kg 71 lb.
Center Joint Cap Screw Torque	50 N·m 37 lb.-ft.
Stopper Cap Screw Torque	90 N·m 66 lb.-ft.

SERVICE EQUIPMENT AND TOOLS	
Center Joint Lifting Tool ^a	

^aFabricated tool, dealer made. (See Group 9900 for instructions to make tool.)

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

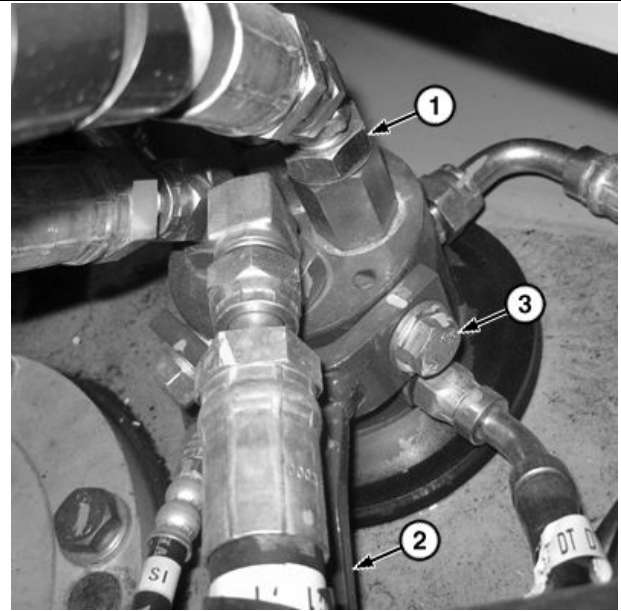
⚠ CAUTION: Avoid personal injury from high-pressure fluid. High-pressure release of oil from pressurized system can cause serious burns or penetrating injury. Relieve pressure from hydraulic system before servicing.

2. 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.)

Specification

Hydraulic Oil Tank—Capacity (approximate)..... 56 L
14.8 gal.

4. Install identification tags and disconnect hydraulic hoses (1). Close all openings using caps and plugs.
5. Remove cap screws (3) and stopper (2).



Center Joint (top)

- 1— Hydraulic Hose (8 used) 3— Cap Screw (2 used)
2— Stopper

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6. Install identification tags and disconnect hydraulic hoses (5). Close all openings using caps and plugs.

⚠ CAUTION: Prevent possible crushing injury from heavy component. Use appropriate lifting device.

7. Support center joint using appropriate lifting device. For instructions to make dealer fabricated tool, [see Center Joint \(Rotary Manifold\) Lifting Tool](#). (Group 9900.)

Specification

Center Joint—Weight (approximate).....	32 kg 71 lb.
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8. Remove center joint cap screws (4).
9. Lower center joint
10. Repair or replace parts as necessary. [See Center Joint Disassemble and Assemble](#). (Group 4360.)

⚠ CAUTION: Prevent possible crushing injury from heavy component. Use appropriate lifting device.

11. Using appropriate lifting device, raise and support center joint.

Specification

Center Joint—Weight (approximate).....	32 kg 71 lb.
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12. Install center joint cap screws. Tighten cap screws to specification.

Specification

Center Joint Cap Screw—Torque.....	50 N·m 37 lb.-ft.
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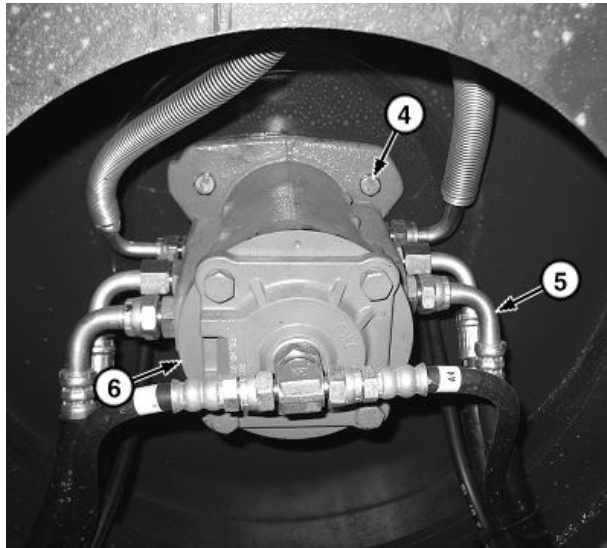
13. Connect hydraulic hoses (1 and 5).

- [See Travel Hydraulic System Line Connection](#). (Group 9025-15.)
- [See Blade Hydraulic System Line Connections](#). (Group 9025-15.)

14. Install stopper and cap screws. Tighten cap screws to specification.

Specification

Stopper Cap Screw—Torque.....	90 N·m 66 lb.-ft.
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Center Joint (bottom)

- 4— Center Joint Cap Screw (3 used)
5— Hydraulic Hose(10 used)
6— Center Joint used

15. 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.)

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.

16. Perform hydraulic pump start-up procedure. [See Hydraulic Pump Start-Up Procedure](#). (Group 3360.)

⚠ CAUTION: Prevent possible injury from unexpected machine movement. Clear all personnel from area before operating machine.

17. Operate machine and check for leaks.

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