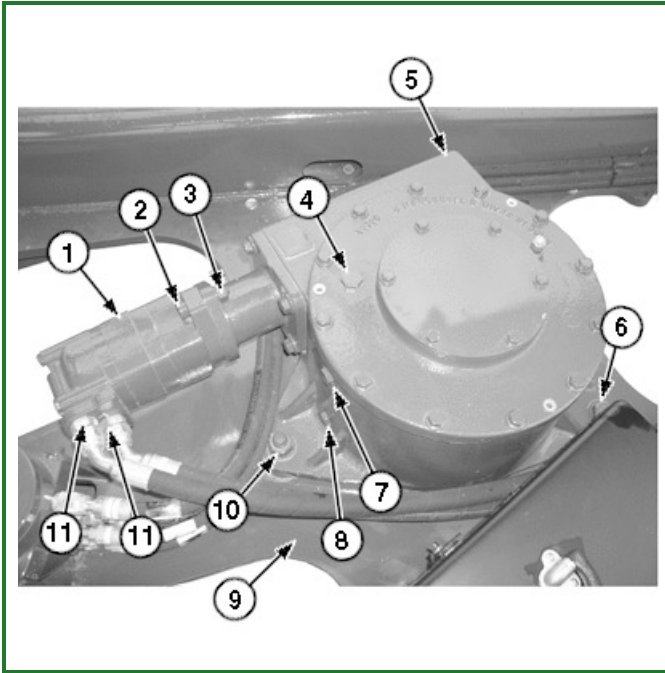


Circle Drive Gearbox Remove and Install

1. Park machine on flat level surface and lower all attachments to ground.
2. Install articulation lock pin.
3. Turn battery disconnect switch to OFF position.

4.



TX1057947A-UN: Circle Drive Gearbox

LEGEND:

- 1 - Circle Rotate Motor
- 2 - Cap Screw (2 used)
- 3 - Nut (2 used)
- 4 - Fill Plug
- 5 - Circle Drive Gearbox
- 6 - Mounting Cap Screw (3 used)
- 7 - Oil Level Plug
- 8 - Oil Drain Plug
- 9 - Draft Frame
- 10 - Nut
- 11 - Hydraulic Hoses (2 used)

Remove plugs (4, 7, and 8). Drain circle drive gearbox (5). [See Drain and Refill Capacities](#) . (Operator's Manual.)

5. Install vacuum pump to hydraulic oil tank to minimize hydraulic oil loss during repair. [See Vacuum Pump Installation](#) . (Group 2160.)
6. Disconnect and tag hydraulic hoses (11) from circle rotate motor (1). Close all openings using caps and plugs. [See Hydraulic System Component Location](#) or [see Hydraulic System Component Location—EH Controls](#) for circle rotate motor location. (Group 9025-15.)
7. Remove circle rotate motor (1) from motor flange.

8. Remove cap screws (6) and nut (10) holding circle drive gearbox (5) to draft frame (9).

9.

CAUTION:

Prevent crushing injury. Use appropriate lifting device.

Item	Measurement	Specification
Circle Drive Gearbox	Weight (approximate)	150 kg 330 lb

Use appropriate lifting device to remove circle drive gearbox (5) from machine.

10. Inspect and replace parts as necessary. See [Circle Drive Gearbox Disassemble and Assemble](#) or See [Circle Drive Gearbox \(With Slip Clutch\) Disassemble and Assemble](#) . (Group 3450.)

11.

CAUTION:

Prevent crushing injury. Use appropriate lifting device.

Item	Measurement	Specification
Circle Drive Gearbox	Weight (approximate)	150 kg 330 lb

Use appropriate lifting device to install circle drive gearbox (5) to machine.

12. Secure circle drive gearbox to draft frame with cap screws (6) nut (10).

13. Install drain plug (8).

14. Fill housing with oil through fill plug (4) to oil level plug (7). See [Drain and Refill Capacities](#) . (Operator's Manual.)

15. Install circle rotate motor (1) to motor flange.

16. Connect hydraulic hoses to circle rotate motor. See [Hydraulic System Component Location](#) or see [Hydraulic System Component Location—EH Controls](#) for circle rotate motor location. (Group 9025-15.)

17. Remove vacuum pump from hydraulic oil tank. Check for hydraulic oil leaks. See [Vacuum Pump Installation](#) . (Group 2160.)

18. Turn battery disconnect switch to ON position.

19. Remove articulation lock pin.

20. Check hydraulic oil level. See [Check Hydraulic Tank Oil Level](#) . (Operator's Manual.)

21. Return machine to service.

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