

Fan Drive Motor Remove and Install

-: Specifications

SPECIFICATIONS	
Fan, Fan Drive Motor, and Fan Drive Motor Support Weight (approximate)	48 kg 105 lb.
Hydraulic Oil Tank Capacity	125 L 33 gal.

1. Park machine and prepare for service. [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.

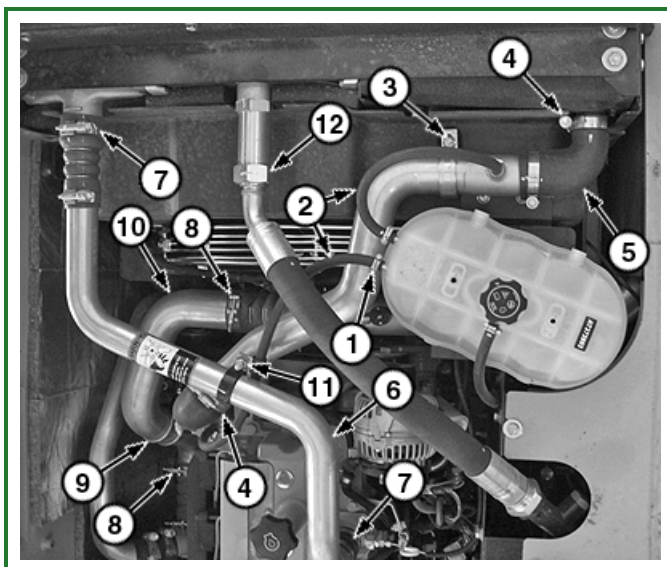
Release hydraulic oil tank pressure by pressing pressure release button at top of hydraulic oil tank. [See Hydraulic Oil Tank Pressure Release Procedure](#) . (Group 9025-25.)

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	125 L 33 gal.

4. Remove hood. [See Hood Remove and Install](#) . (Group 1910.)
5. Drain cooling system. [See Drain Cooling System](#) . (Operator's Manual.)

6.



TX1123382A-UN: Cooling Package Connections

LEGEND:

- 1 - Clamp (2 used)
- 2 - Surge Tank Hose (2 used)
- 3 - Cap Screw
- 4 - Hose Clamp (2 used)
- 5 - Upper Radiator Hose
- 6 - Charge Air Tube
- 7 - Clamp (2 used)
- 8 - Clamp (2 used)
- 9 - U-Bolt (2 used)
- 10 - Fresh Air Tube (turbo side)
- 11 - Cap Screw
- 12 - Hydraulic Oil Cooler Hose

Loosen clamps (1) and disconnect surge tank hoses (2). Close all openings using caps and plugs.

- 7. Remove cap screw (11) and pull surge tank hose out of clamp.
- 8. Loosen clamps (7) at opposite ends of charge air tube (6). Remove charge air tube. Close all openings using caps and plugs.
- 9. Remove cap screw (3).
- 10. Loosen hose clamps (4) at opposite ends of upper radiator hose (5). Remove upper radiator hose. Close all openings using caps and plugs.
- 11. Remove U-bolts (9) and loosen clamps (8) at opposite ends of fresh air tube (10).

12.

NOTE:

Fresh air tube (10) has two parts. Both sections need to be removed in this procedure; turbo side shown.

Remove fresh air tube.

- 13. Install identification tags and remove hydraulic oil cooler hose (12). Close all openings using caps and plugs.

14.

NOTE:

Remove coolant surge tank and set aside if more clearance is needed.

Remove coolant surge tank if needed. [See Coolant Surge Tank Remove and Install](#) . (Group 0510.)