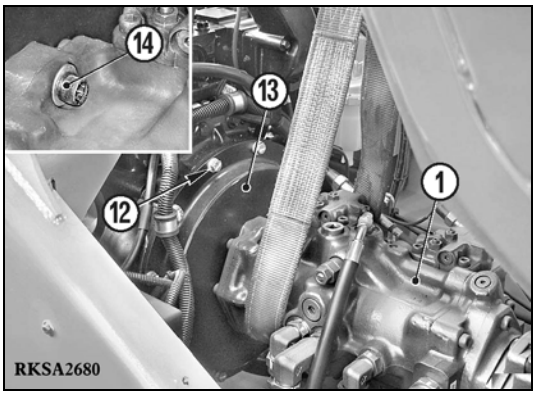
4. Attach the pump (1) to a hoist tackle and apply a slight tension to the cables.

5. Loosen the eight fasteners (12) and remove the pump (1) complete with bell housing (13). [*1]

Pump: 98 kg (216 lb)

6. Loosen fastener (14) and disconnect pump (1) from bell housing (13). [*2]



Installation

- To install, reverse removal procedure.

[*1]

Flange screws: 80 N•m (59 lbf ft)

Flange screws: Loctite 262

Pump shaft: Litio EP MS2 NLGI2

[*2]

Pump screws: 195 N•m (144 lbf ft)

Pump screws: Loctite 262

1. Fill the tank up to maximum level.

Hydraulic oil: max. 32 liters (8.5 gal)

2. Bleed the air from the pump. (For details, see “Bleeding Air From the Pump” on page 30-31).
3. Fill the coolant to maximum level.
4. Start the engine to circulate the oil and check that there are no leaks.
5. Stop the engine, check the levels and, if necessary, top them up.
6. Bleed the air from the hydraulic circuits and pressurizes the tank. (For details, see “Bleeding Air From the Cylinders” on page 30-31 and “Bleeding Air From Optional Equipment” on page 30-31).

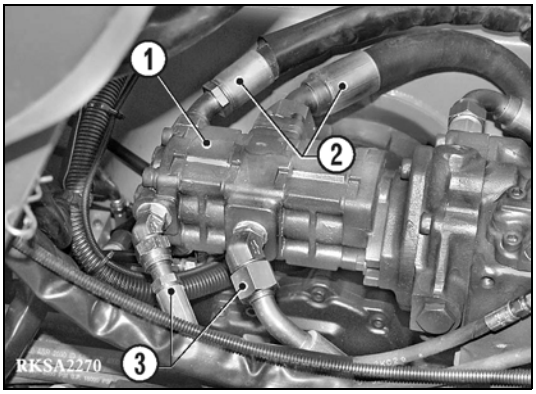
GEAR PUMP ASSEMBLY

Removal

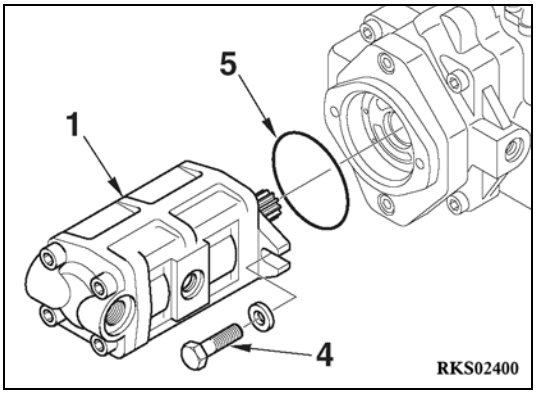
1. Fully raise the working equipment and tilt the cab. (For details, see “Tilting the Cab” on page 30-38).
2. Drain the hydraulic oil.

Hydraulic oil: max. 50 liters (13.2 gal)

3. Disconnect from pump (1) the suction line (2) and (3) (one for the normal version, two for the HIGHFLOW version).



4. Loosen the two fasteners (4) and remove the pump (1) complete with the O-ring (5).



Installation

- To install, reverse removal procedure.

Fasteners: 59-74 N•m (44-55 lbf ft)