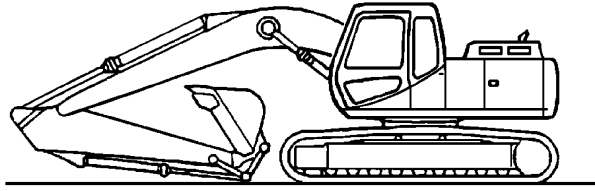


DRIVE MOTOR AND FINAL DRIVE TRANSMISSION

Removal and installation

STEP 1



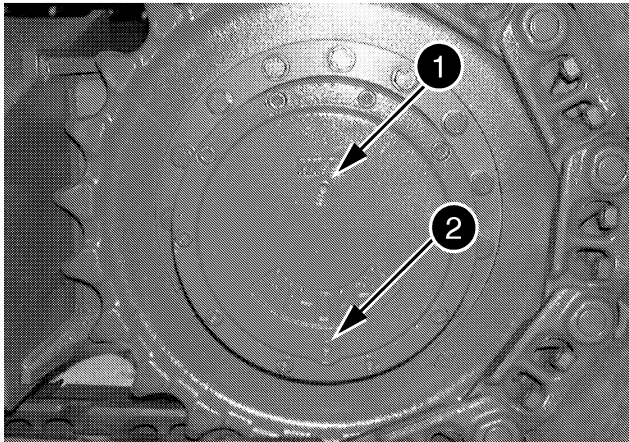
JS00163A

Park the machine on hard, flat ground. Lower the attachment to the ground.

STEP 2

Release pressure in the hydraulic system and in the hydraulic reservoir (see Section 8000).

STEP 3



CD00F069

Remove the oil fill plug and oil lever plug (1) and oil drain plug (2) and drain the oil.

NOTE: When installing, refer to Section 1002 for the correct type and quantity of oil to use. Tighten the plugs to a torque of 149 to 165 Nm (110 lb-ft to 122 lb-ft).

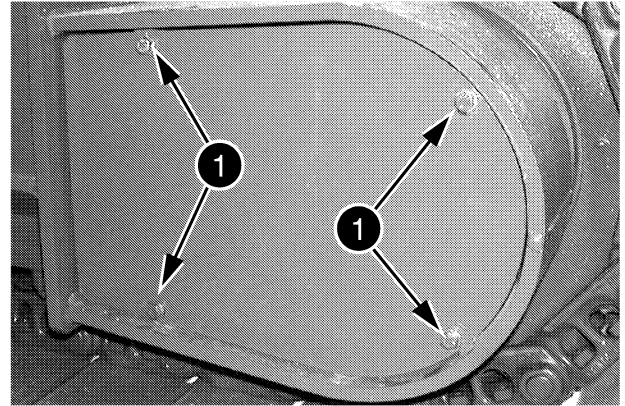
STEP 4

Wrap Teflon tape on the oil drain plug and install it. Install the fill plug.

STEP 5

To prevent fluid loss when disconnecting hydraulic lines, connect a vacuum pump to the hydraulic reservoir (see Section 8000).

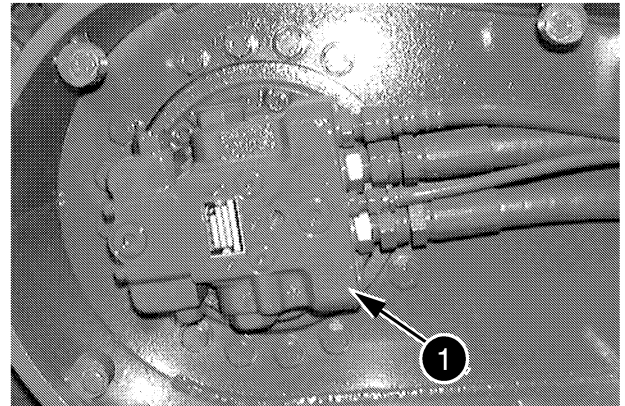
STEP 6



CD00F067

Remove the four cap screws and washers (1) holding the access cover to the drive motor.

STEP 7



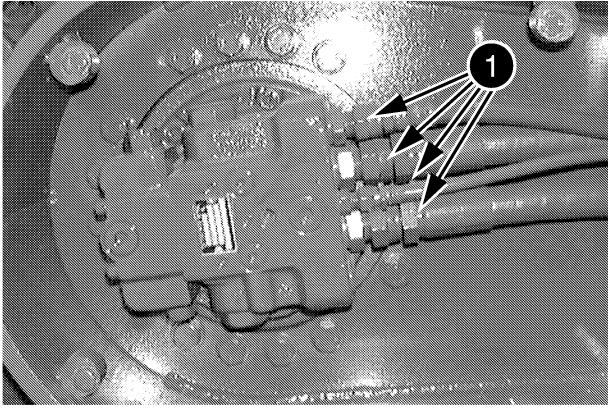
CD00F068

Install identification tags on the hoses connected to the drive motor to aid in installation.

STEP 8

Start the vacuum pump.

STEP 9



CD00F068

Disconnect the hoses (1) from the drive motor. Install a plug in each hose and a cap on each fitting.

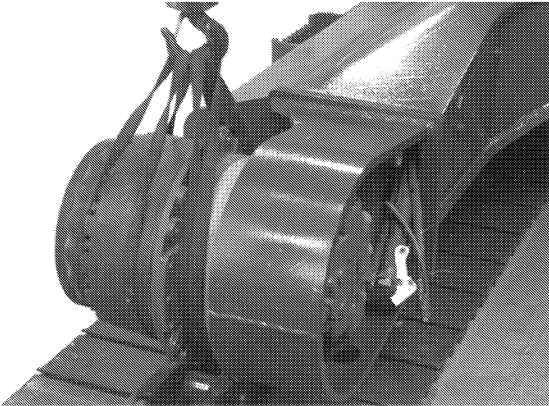
STEP 10

Stop the vacuum pump.

STEP 11

Refer to Section 5004 and carry out the sprocket removal procedure.

STEP 12

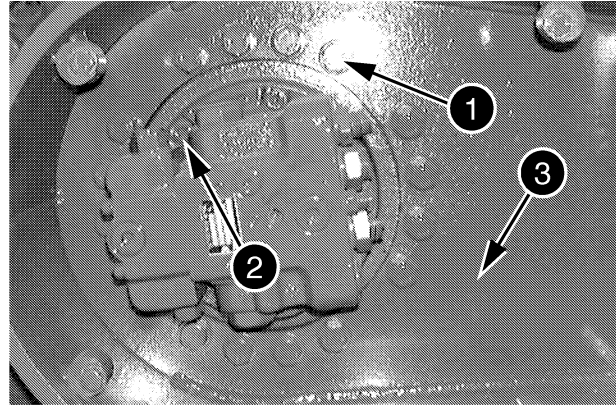


JD00836A

Connect suitable lifting equipment to the drive motor and final drive transmission.

NOTE: For the combined weight of the drive motor and final drive transmission, see Section 1002.

STEP 13

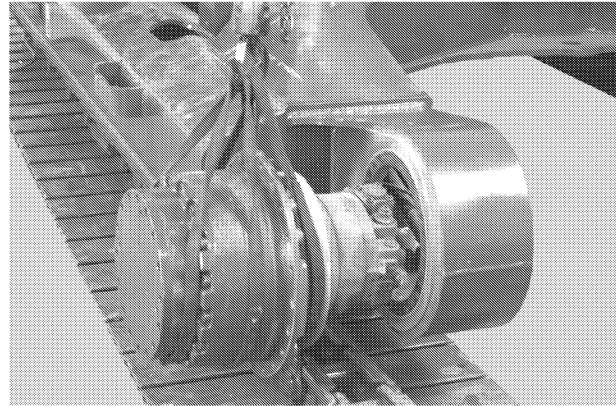


CD00F068

Remove the screws and washers (1) that hold the final drive transmission (2) to the track frame (3).

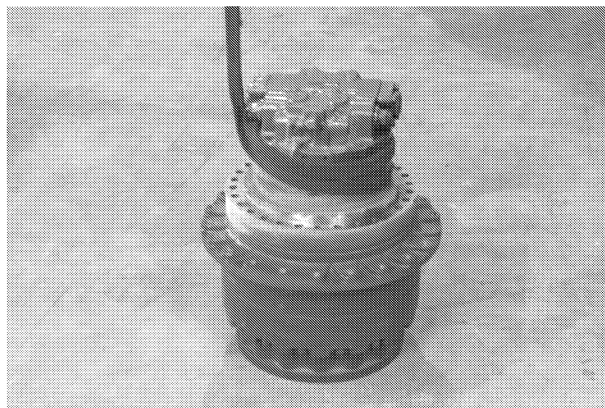
NOTE: When installing, tighten the screws to the torque specified in Section 1002.

STEP 14



JD00838A

Remove the drive motor and final drive transmission from the machine.

STEP 15

6002-11

Place the drive motor and final drive transmission on a flat surface with the final drive transmission pointing upwards. Remove the lifting equipment.

NOTE: *For installation, follow the same procedure in reverse order. Systematically replace all O-rings with new ones. Fill the final drive casing via the leak off orifice with hydraulic oil. Before using the machine, check there are no leaks from the circuit. Check the oil level in the hydraulic reservoir and the final drive casing. Add oil if necessary.*