

5. Rear Differential Front Oil Seal

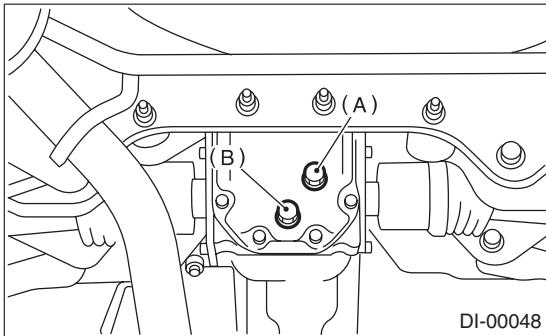
A: INSPECTION

Make sure that there is no oil leakage from front oil seal.

If there is any oil leakage, replace the oil seal and check the propeller shaft.

B: REPLACEMENT

- 1) Set the vehicle on the lift.
- 2) Disconnect the ground terminal from battery.
- 3) Move the select lever or gear shift lever to "N".
- 4) Release the parking brake.
- 5) Remove the oil drain plug, and drain gear oil.



(A) Filler plug
(B) Drain plug

- 6) Install the oil drain plug.

NOTE:

- Apply fluid packing to drain plug.
- 7) Lift rear-wheels and support with jack stands.

Tightening torque:

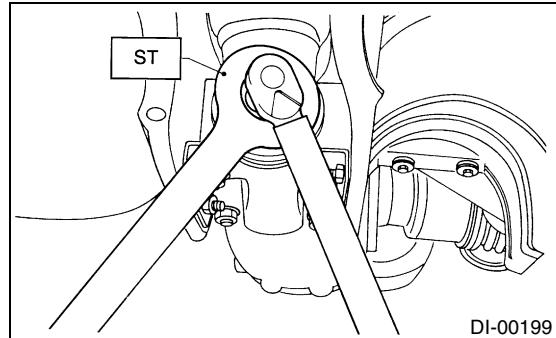
49 N·m (5.0 kgf·m, 36.2 ft-lb)

Liquid gasket:

THREE BOND 1105 (Part No. 00403010) or equivalent

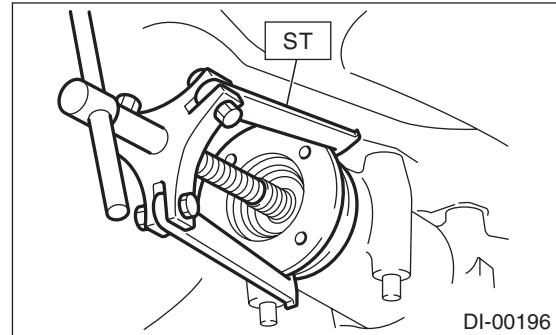
- 8) Remove the rear exhaust pipe and muffler.
- 9) Remove the rear differential protector. (If equipped)
- 10) Remove the propeller shaft from body. <Ref. to DS-14, REMOVAL, Propeller Shaft.>
- 11) Remove the self-locking nut while holding companion flange with ST.

ST 498427200 FLANGE WRENCH



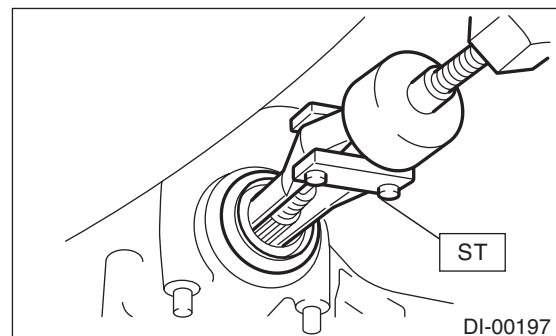
- 12) Extract the companion flange using ST.

ST 399703600 PULLEY ASSY



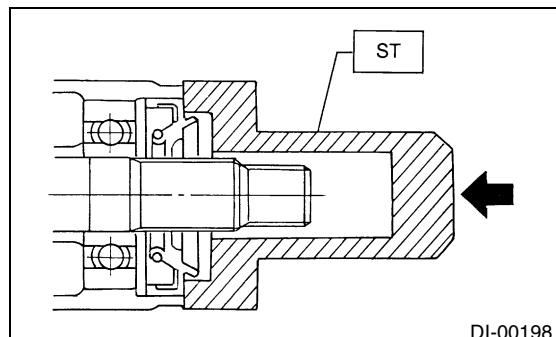
- 13) Remove the oil seal using ST.

ST 398527700 PULLER ASSY



- 14) Fit a new oil seal using ST.

ST 498447120 INSTALLER



- 15) Install the companion flange.

NOTE:

Use a plastic hammer to install companion flange.

- 16) Tighten the self-locking nut within the specified torque range so that the turning resistance of companion flange becomes the same as that before replacing oil seal.

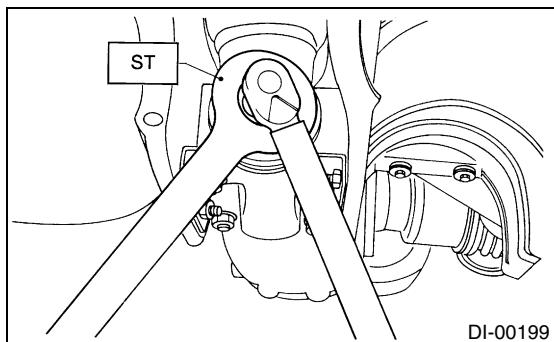
ST 498427200 FLANGE WRENCH

NOTE:

Use a new self-locking nut.

Tightening torque:

181.4 N·m (18.50 kgf·m, 133.8 ft-lb)



- 17) Reassembling procedure hereafter is the reverse of the disassembling.

- 18) Fill the differential carrier with gear oil to the filler plug level. <Ref. to DI-18, Differential Gear Oil.>