

DIFFERENTIALS

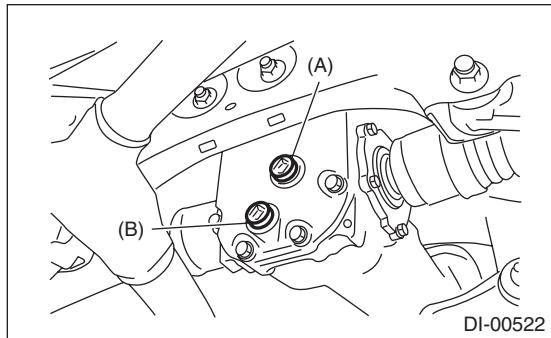
5. Rear Differential Front Oil Seal

A: INSPECTION

Check that there is no leakage from front oil seal portion. If there is any leakage, replace the oil seal and inspect the companion flange.

B: REPLACEMENT

- 1) Disconnect the ground cable from battery.
- 2) Shift the select lever or gear shift lever to neutral.
- 3) Release the parking brake.
- 4) Lift up the vehicle.
- 5) Remove the oil drain plug, and drain gear oil.



(A) Filler plug
(B) Oil drain plug

- 6) Install the oil drain plug.

NOTE:

Apply liquid gasket to the drain plug.

Liquid gasket:

THREE BOND 1105 (Part No. 004403010) or equivalent

Tightening torque:

49 N·m (5.0 kgf·m, 36.1 ft-lb)

- 7) Remove the rear exhaust pipe and muffler.

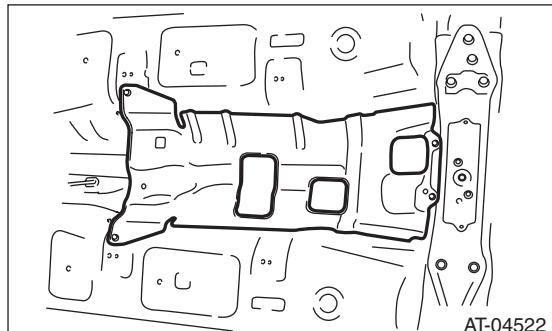
- Non-turbo model

<Ref. to EX(H4SO)-10, REMOVAL, Rear Exhaust Pipe. > <Ref. to EX(H4SO)-12, REMOVAL, Muffler. >

- Turbo model

<Ref. to EX(H4DOTC)-14, REMOVAL, Rear Exhaust Pipe. > <Ref. to EX(H4DOTC)-16, REMOVAL, Muffler. >

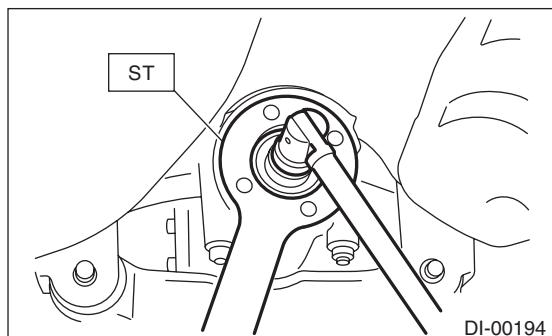
- 8) Remove the heat shield cover.



- 9) Remove the propeller shaft. <Ref. to DS-10, REMOVAL, Propeller Shaft. >

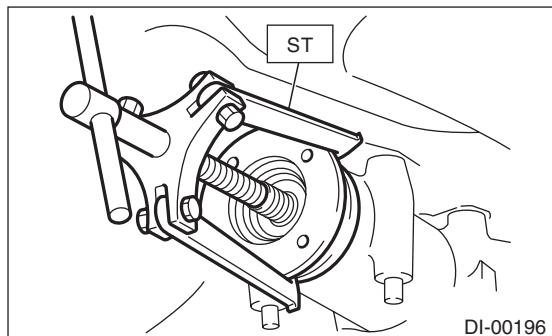
- 10) Remove the self-locking nut while holding the companion flange with ST.

ST 498427200 FLANGE WRENCH



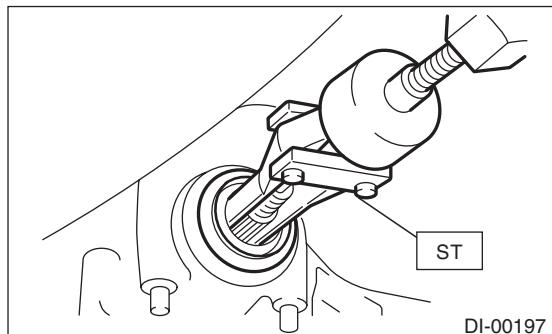
- 11) Extract the companion flange using ST.

ST 399703600 PULLER ASSY



- 12) Remove the oil seal using ST or screwdriver.

ST 398527700 PULLER ASSY

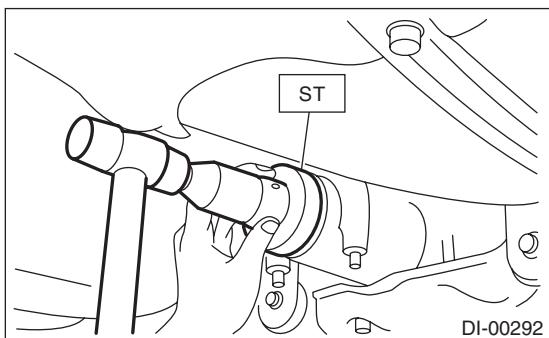


- 13) Install a new oil seal using ST.

NOTE:

Apply differential gear oil to the oil seal lips.

ST 498447120 **INSTALLER**



14) Install the companion flange.

NOTE:

Use a plastic hammer to install companion flange.

15) Tighten the self-locking nut to the specified torque so that the rotating resistance of the companion flange is the same value as that before replacing the oil seal.

ST 498427200 **FLANGE WRENCH**

NOTE:

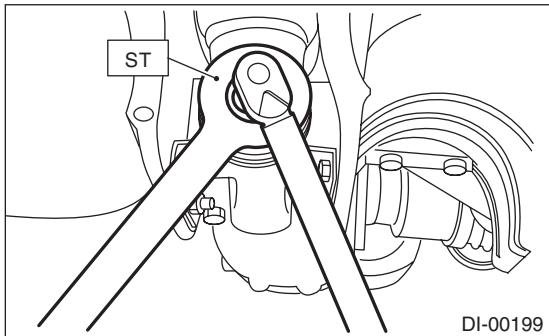
- Use a new self-locking nut.
- Before installing the self-locking nut, apply seal material to self-locking nut threads.

Seal material:

THREE BOND 1324 (Part No. 004403042) or equivalent

Tightening torque:

181.5 N·m (18.5 kgf-m, 133.9 ft-lb)



16) Hereafter, reassemble in the reverse order of disassembly.

17) After installing, fill the differential carrier with gear oil up to the bottom of the filler plug hole. <Ref. to DI-16, Differential Gear Oil.>