

DIFFERENTIALS

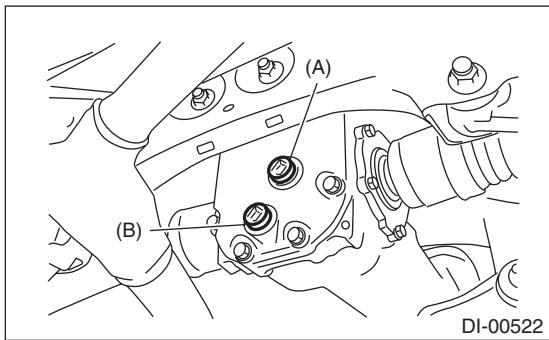
5. Rear Differential Front Oil Seal

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 propeller shaft.

B: REPLACEMENT

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



(A) Filler plug

(B) Drain plug

- Install the drain plug.

NOTE:

Apply liquid gasket to the drain plug.

Liquid gasket:

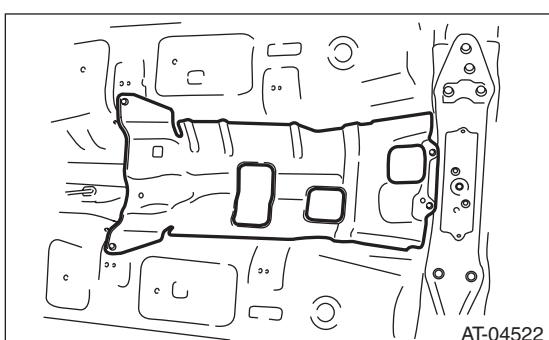
THREE BOND 1105 (Part No. 004403010) or equivalent

Tightening torque:

49 N·m (5.0 kgf·m, 36.1 ft-lb)

- Remove the rear exhaust pipe and muffler. <Ref. to EX(H4SO)-10, REMOVAL, Rear Exhaust Pipe.> <Ref. to EX(H4SO)-12, REMOVAL, Muffler.>

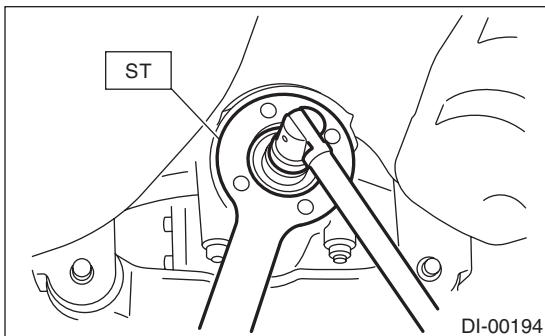
- Remove the heat shield cover.



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

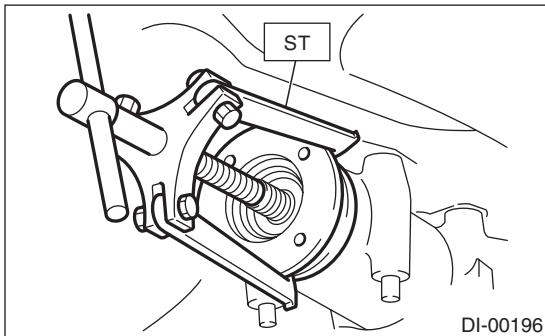
- Remove the self-locking nut while holding the companion flange with ST.

ST 498427200 FLANGE WRENCH



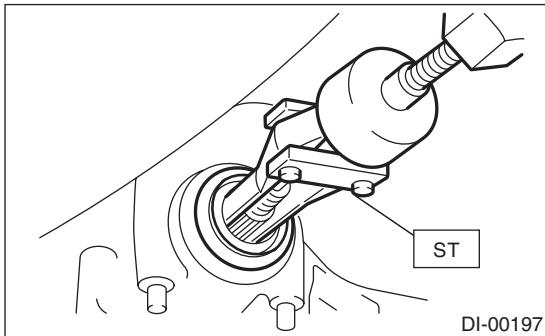
- Extract the companion flange using ST.

ST 399703600 PULLER ASSY



- Remove the oil seal using ST or screwdriver.

ST 398527700 PULLER ASSY

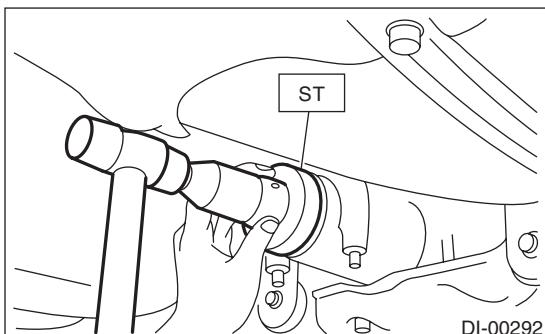


- Using the ST, install the oil seal.

NOTE:

- Use a new oil seal.
- 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.

NOTE:

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

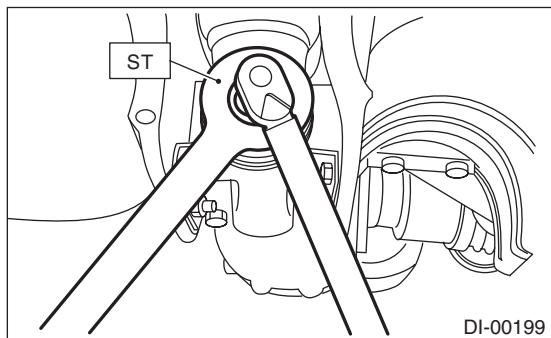
Seal material:

THREE BOND 1324 (Part No. 004403042) or equivalent

Tightening torque:

181.5 N·m (18.5 kgf-m, 133.9 ft-lb)

ST 498427200 FLANGE WRENCH



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-17, Differential Gear Oil.>