

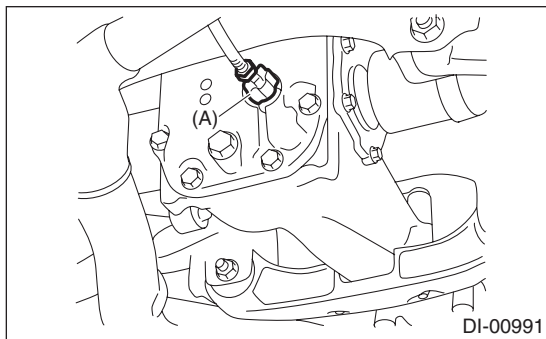
5. Rear Differential Front Oil Seal Seal

A: INSPECTION

Make sure that there is no leakage from front oil seal portion. If there is any leakage replace the oil seal and inspect the propeller shaft.

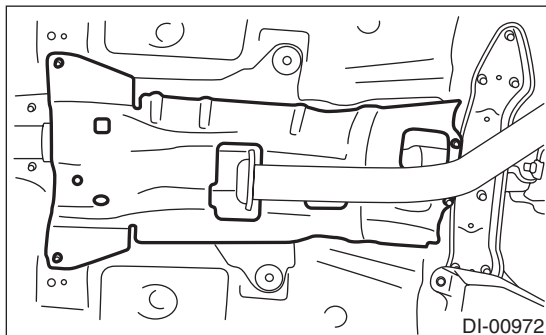
B: REPLACEMENT

- 1) Shift the select lever or gear shift lever to neutral.
- 2) Disconnect the ground cable from battery.
- 3) Release the parking brake.
- 4) Lift up the vehicle.
- 5) Disconnect the oil temperature sensor connector. (T-type (H5))



(A) Oil temperature sensor connector

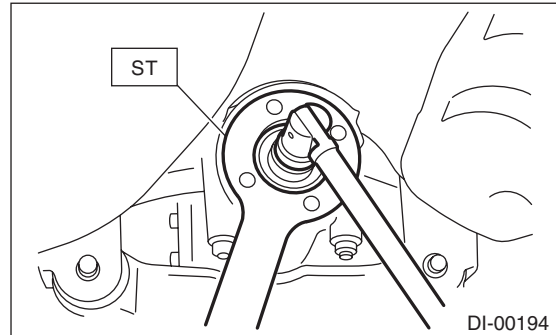
- 6) Drain differential gear oil. <Ref. to DI-16, REPLACEMENT, Differential Gear Oil.>
- 7) Remove the rear exhaust pipe.
 - Except for STI model
<Ref. to EX(w/o STI)-50, REMOVAL, Rear Exhaust Pipe.>
 - STI model
<Ref. to EX(STI)-12, REMOVAL, Rear Exhaust Pipe.>
- 8) Remove the center exhaust cover.



- 9) Remove the propeller shaft. <Ref. to DS-12, REMOVAL, Propeller Shaft.>
- 10) Check the initial torque and write it down.

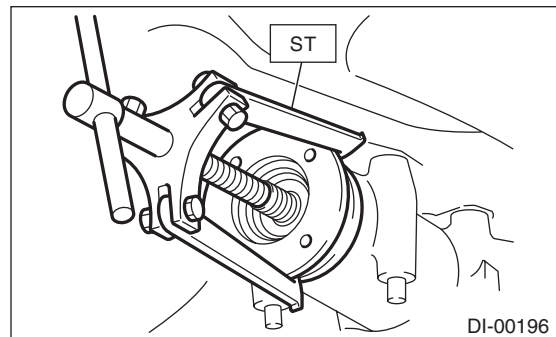
- 11) Remove the self-locking nut while holding the companion flange with ST.

ST 498427200 FLANGE WRENCH



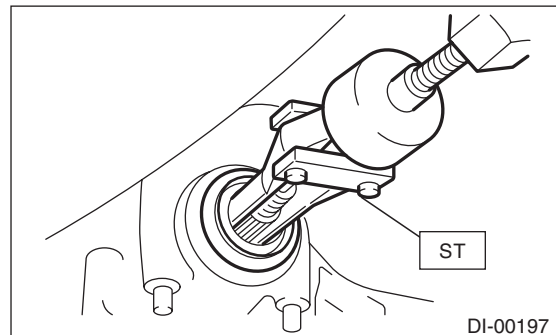
- 12) Extract the companion flange using the ST.

ST 399703600 PULLER ASSY



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

ST 398527700 PULLER ASSY

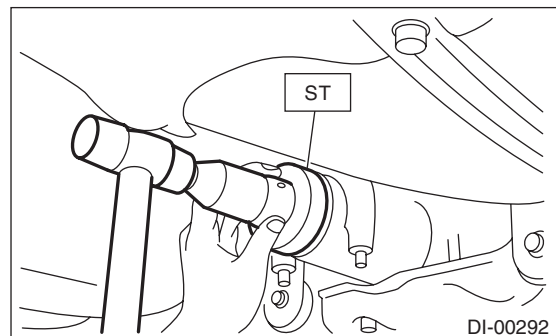


- 14) Using the ST, install the oil seal.

NOTE:

- Use a new oil seal.
- Apply differential gear oil to the oil seal lips.

ST 498447120 INSTALLER



Rear Differential Front Oil Seal

DIFFERENTIALS

15) Install the companion flange.

NOTE:

Use a plastic hammer to install companion flange.

16) Tighten the self-locking nut to the specified torque so that the initial torque of companion flange becomes the same as that of before oil seal replacement.

NOTE:

- Use a new self-locking nut.
- Before installing the self-locking nut, apply the seal material to the threads of the drive pinion shaft and to the seating surface of the self-locking nut.

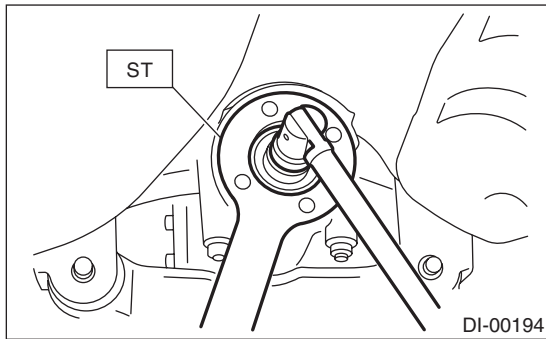
Seal material:

THREE BOND 1324 (Part No. 004403042) or equivalent

Tightening torque:

167 — 196 N·m (17.0 — 20.0 kgf-m, 123.2 — 144.6 ft-lb)

ST 498427200 FLANGE WRENCH



17) Hereafter, perform assembly in the reverse order of disassembly.

18) Fill differential gear oil. <Ref. to DI-16, REPLACEMENT, Differential Gear Oil.>