

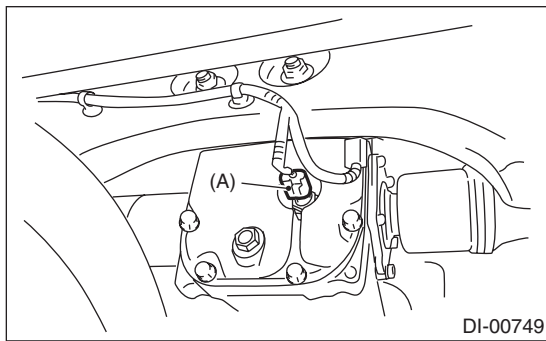
5. Rear Differential Front Oil Seal

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

- 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) Disconnect the oil temperature switch connector. (T-type (H3))



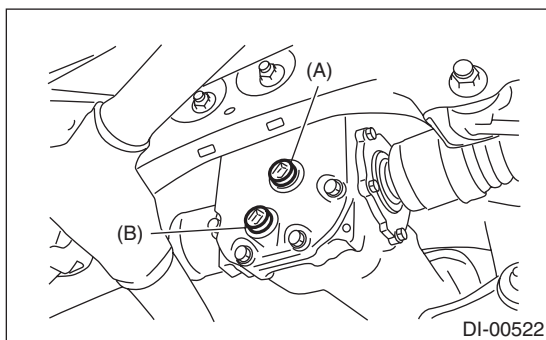
(A) Oil temperature switch connector

- 6) Remove the drain plug and filler plug or the oil temperature switch, and drain the gear oil.

NOTE:

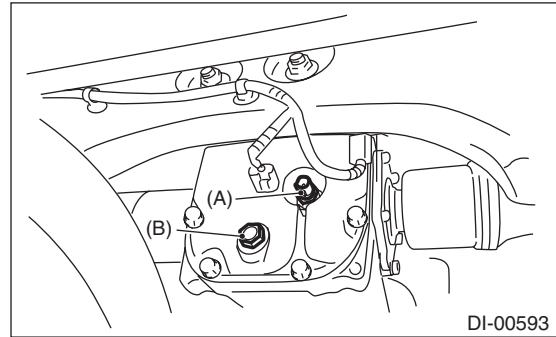
Remove the oil temperature switch and adapter as a unit.

- T-type (B2)



(A) Filler plug
(B) Drain plug

- T-type (H3)



(A) Oil temperature switch
(B) Drain plug

- 7) Install the drain plug.

NOTE:

- For the T-type (B2), apply liquid gasket to the drain plug.
- For T-type (H3), use a new gasket.

Liquid gasket:

THREE BOND 1105 (Part No. 004403010) or equivalent

Tightening torque:

T-type (B2);

49 N·m (5.0 kgf-m, 36.1 ft-lb)

T-type (H3);

60 N·m (6.1 kgf-m, 44.3 ft-lb)

- 8) Remove the rear exhaust pipe and muffler.

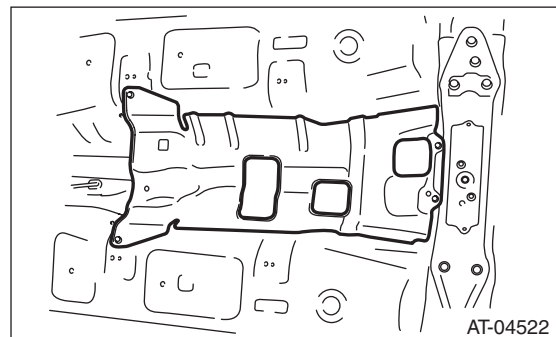
- 6MT model

<Ref. to EX(STI)-13, REMOVAL, Rear Exhaust Pipe.> <Ref. to EX(STI)-15, REMOVAL, Muffler.>

- 5MT model

<Ref. to EX(w/o STI)-2, General Description.>

- 9) Remove the heat shield cover.



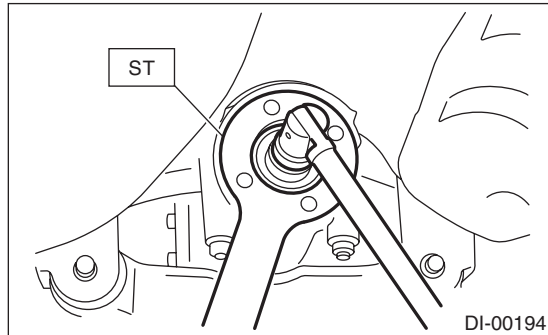
- 10) Remove the propeller shaft. <Ref. to DS-11, REMOVAL, Propeller Shaft.>

- 11) Check the initial torque and write it down.

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

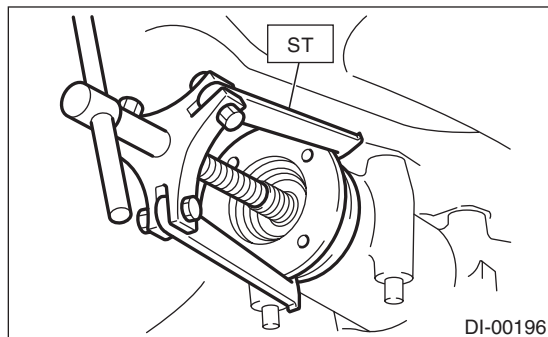
ST 18633AA000 WRENCH COMPL (T-TYPE (H3))

ST 498427200 FLANGE WRENCH (T-TYPE (B2))



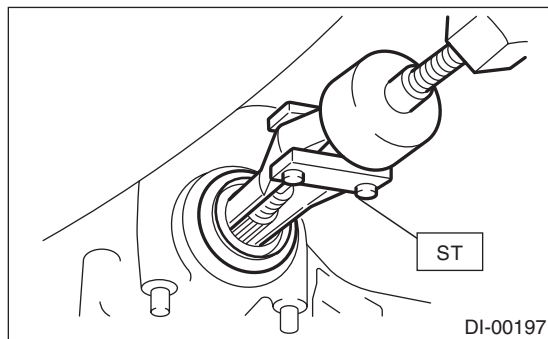
13) Remove the companion flange using ST.

ST 399703600 PULLER ASSY



14) Remove the oil seal using ST or screwdriver.

ST 398527700 PULLER ASSY

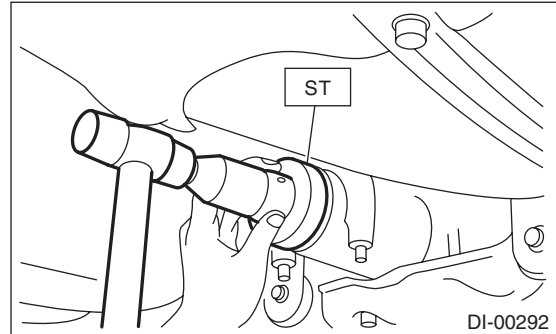


15) Using the ST, install the oil seal.

NOTE:

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

ST 498447120 INSTALLER



16) Use a plastic hammer to install companion flange.

17) 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:

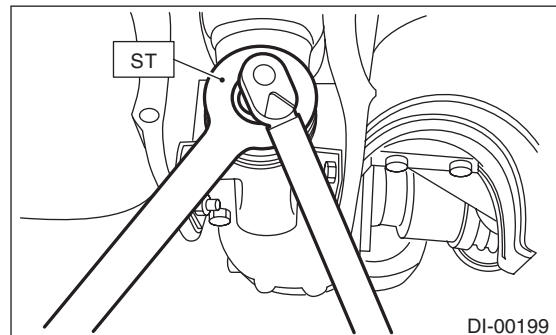
THREE BOND 1324 (Part No. 004403042) or equivalent

Tightening torque:

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

ST 18633AA000 WRENCH COMPL (T-TYPE (H3))

ST 498427200 FLANGE WRENCH (T-TYPE (B2))



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

19) After installing, fill the differential carrier with gear oil up to the bottom of the filler plug hole or the oil temperature switch hole. <Ref. to DI-19, REPLACEMENT, Differential Gear Oil.>