

## 6. Rear Differential Front Oil 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) Release the parking brake.
- 3) Disconnect the ground cable from battery.
- 4) Lift up the vehicle.

- 5) Drain differential gear oil.
- 6) Remove the rear exhaust pipe.

- 2.5 L SOHC model

<Ref. to EX(H4SO)-8, REMOVAL, Rear Exhaust Pipe.>

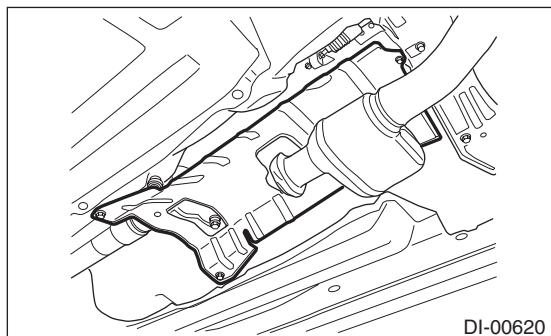
- 2.5 L DOHC turbo model

<Ref. to EX(H4DOTC)-15, REMOVAL, Rear Exhaust Pipe.>

- 3.6 L model

<Ref. to EX(H6DO)-8, REMOVAL, Rear Exhaust Pipe.>

- 7) Remove the heat shield cover.

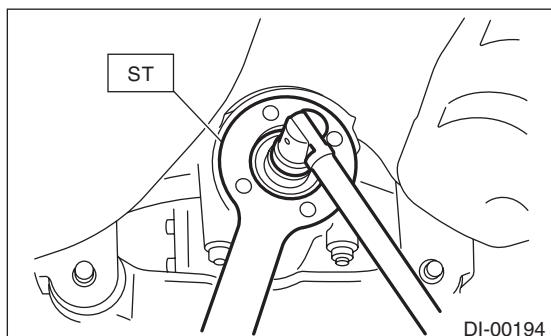


DI-00620

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

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

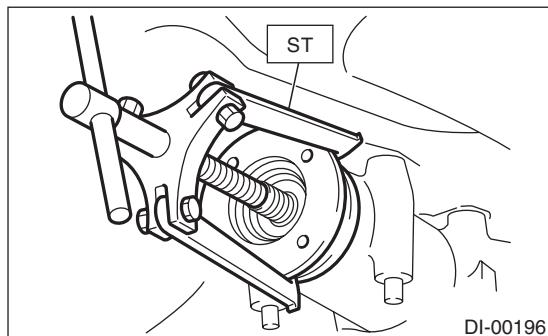
ST 498427200 FLANGE WRENCH



DI-00194

- 10) Extract the companion flange using the ST.

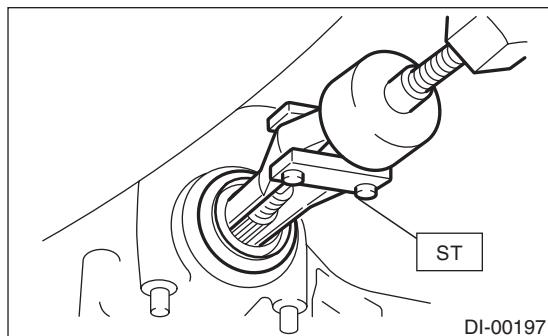
ST 399703600 PULLER ASSY



DI-00196

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

ST 398527700 PULLER ASSY



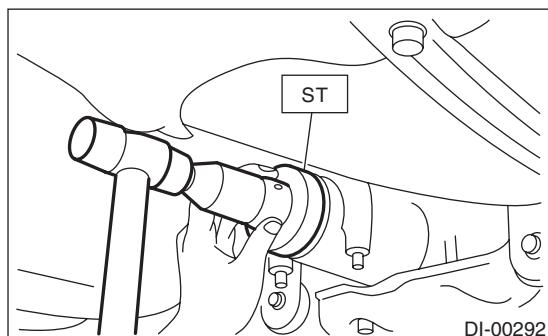
DI-00197

- 12) 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



DI-00292

- 13) Use a plastic hammer to install companion flange.

- 14) Tighten the self-locking nut within the specified torque range so that the rotating resistance 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 seal material to self-locking nut threads.

#### Seal material:

**THREE BOND 1324 (Part No. 004403042) or equivalent**

## Rear Differential Front Oil Seal

### DIFFERENTIALS

#### Tightening torque:

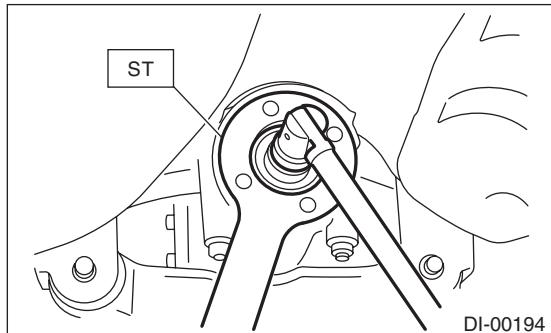
**T-type**

**181.5 N·m (18.5 kgf-m, 133.9 ft-lb)**

**VA-type**

**191 N·m (19.5 kgf-m, 140.9 ft-lb)**

ST 498427200 FLANGE WRENCH



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

16) After installing, fill the differential carrier with gear oil up to the bottom of the filler plug hole. <Ref. to DI-23, REPLACEMENT, Differential Gear Oil.>