

## DIFFERENTIALS

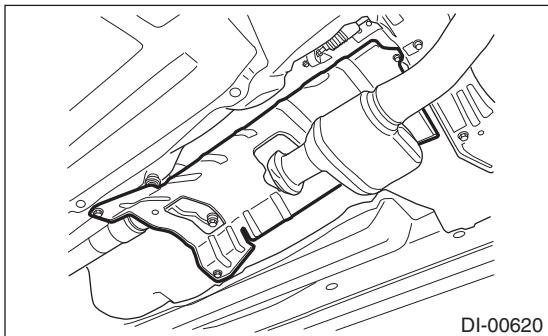
### 6. Rear Differential Front Oil Seal

#### 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

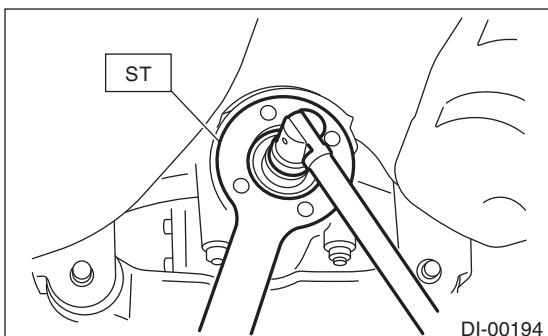
- 1) Disconnect the ground cable from battery.
- 2) Shift the select lever or gear shift lever to neutral.
- 3) Release the parking brake.
- 4) Lift up the vehicle.
- 5) Drain differential gear oil.
- 6) Remove the rear exhaust pipe.
  - 2.5 L SOHC model  
<Ref. to EX(H4SO)-8, REMOVAL, Rear Exhaust Pipe.>
  - 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.



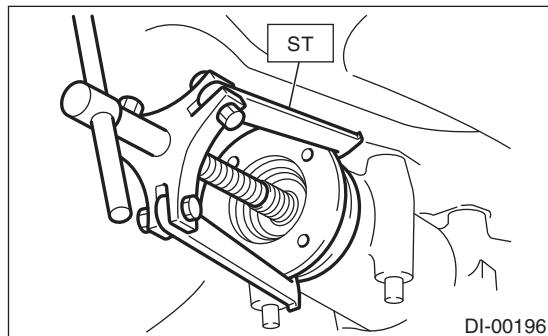
8) Remove the propeller shaft. <Ref. to DS-10, REMOVAL, Propeller Shaft.>

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

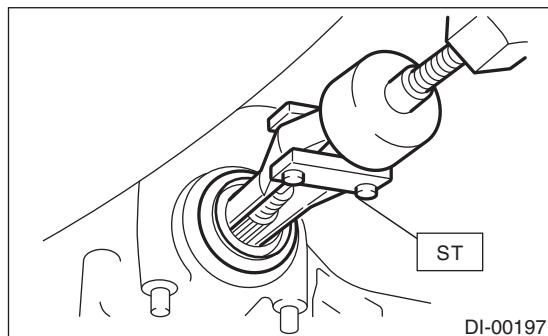
ST 498427200 FLANGE WRENCH



- 10) Extract the companion flange using the ST. ST 399703600 PULLER ASSY



- 11) Remove the oil seal using ST or screwdriver. ST 398527700 PULLER ASSY

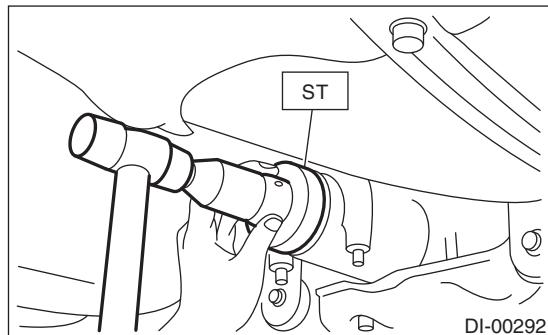


- 12) Using the ST, install the oil seal.

NOTE:

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

ST 498447120 INSTALLER



- 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.

ST 498427200 FLANGE WRENCH

NOTE:

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

**SEAL MATERIAL:**

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

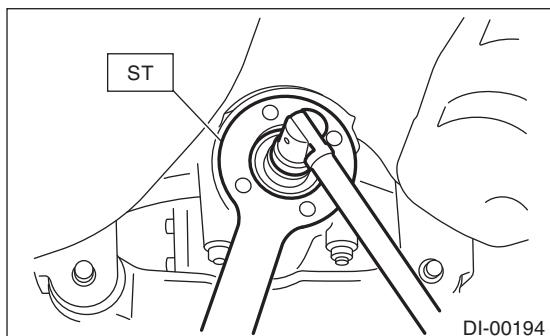
**Tightening torque:**

**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)**



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

16) Fill differential gear oil. <Ref. to DI-23, Differential Gear Oil.>