

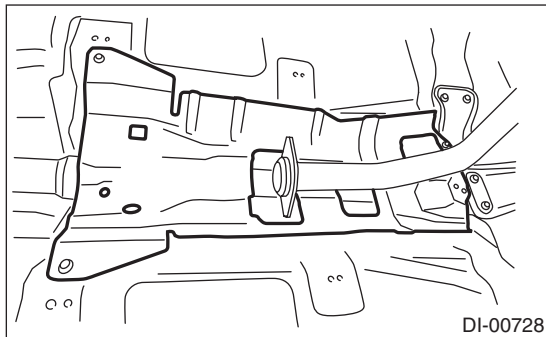
### 6. Rear Differential Front Oil Seal

#### A: INSPECTION

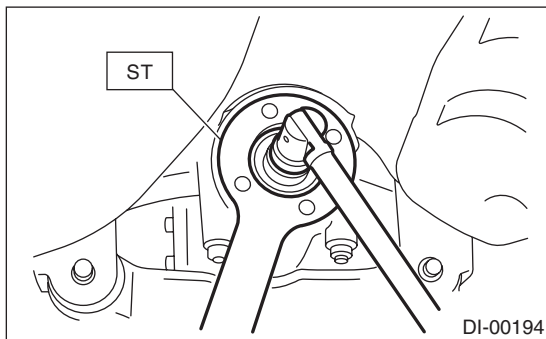
Make sure that there is no leakage from front oil seal portion. If there is any leakage, replace the oil seal and inspect the propeller shaft.

#### B: REPLACEMENT

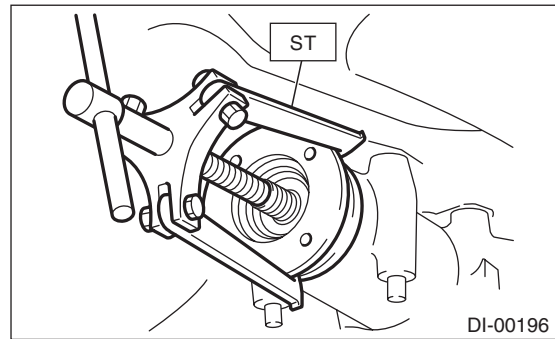
- 1) Shift the select lever or gear shift lever to neutral.
- 2) Release the parking brake.
- 3) Lift up the vehicle.
- 4) Drain differential gear oil. <Ref. to DI-19, REPLACEMENT, Differential Gear Oil.>
- 5) Remove the rear exhaust pipe. <Ref. to EX(H4DO(w/o HEV))-18, REMOVAL, Rear Exhaust Pipe.>
- 6) Remove the center exhaust cover.



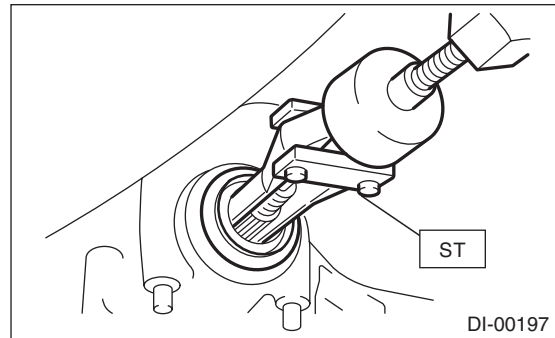
- 7) Remove the propeller shaft. <Ref. to DS-12, REMOVAL, Propeller Shaft.>
  - 8) Check the initial torque and write it down.
  - 9) Remove the self-locking nut while holding the companion flange with ST.
- ST 498427200 FLANGE WRENCH



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



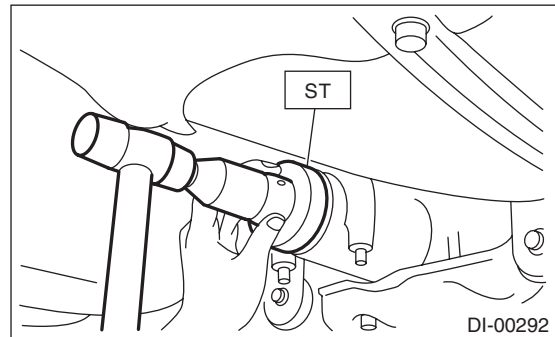
- 11) Remove the oil seal using ST or screwdriver.
- ST 398527700 PULLER ASSY



- 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) Install the companion flange.

#### NOTE:

Use a plastic hammer to install companion flange.

## Rear Differential Front Oil Seal

### DIFFERENTIALS

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14) 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:

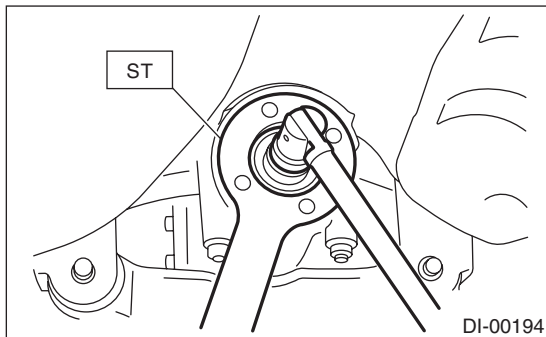
##### T-type

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

##### VA-type

**162 — 220 N·m (16.5 — 22.5 kgf-m, 119.5 — 162.3 ft-lb)**

ST 498427200 FLANGE WRENCH



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

16) Fill differential gear oil. <Ref. to DI-19, REPLACEMENT, Differential Gear Oil.>