

Rear Differential Front Oil Seal

DIFFERENTIALS

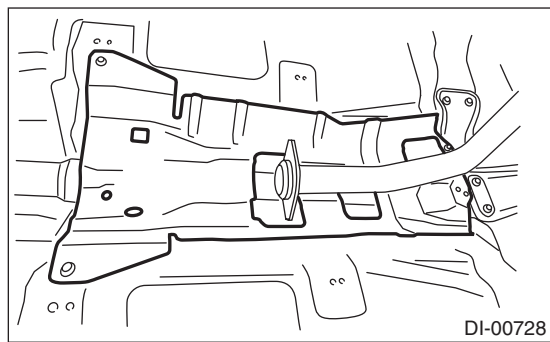
6. Rear Differential Front Oil Seal

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) 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) Drain differential gear oil. <Ref. to DI-19, REPLACEMENT, Differential Gear Oil.>
- 6) Remove the rear exhaust pipe. <Ref. to EX(H4DO)-15, REMOVAL, Rear Exhaust Pipe.>
- 7) Remove the center exhaust cover.

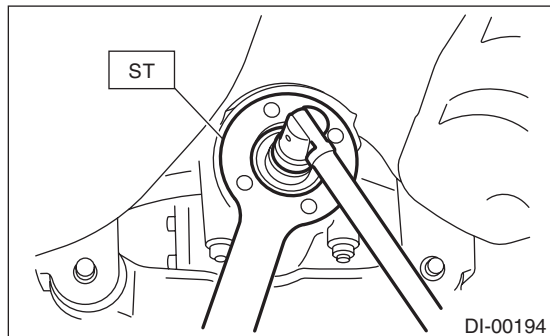


8) Remove the propeller shaft. <Ref. to DS-12, REMOVAL, Propeller Shaft.>

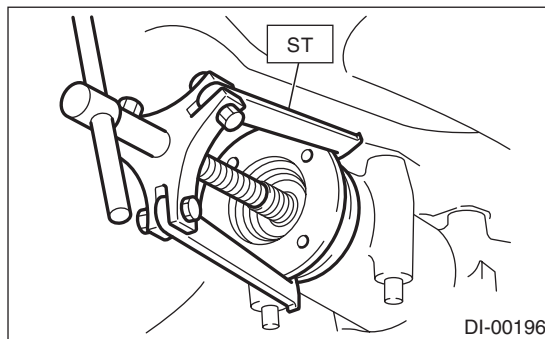
9) Check the initial torque and write it down.

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

ST 498427200 FLANGE WRENCH

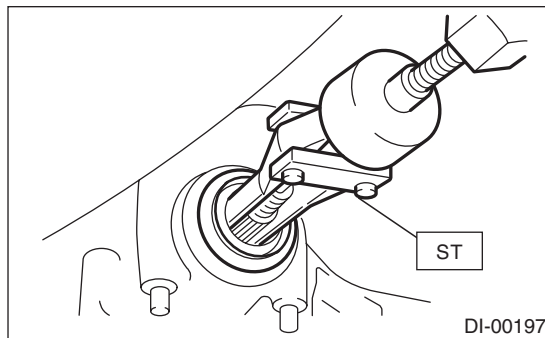


11) Extract the companion flange using the ST.
ST 399703600 PULLER ASSY



12) Remove the oil seal using ST or screwdriver.

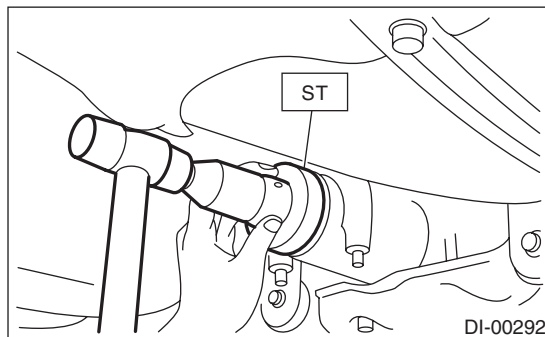
ST 398527700 PULLER ASSY



13) 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



14) Install the companion flange.

NOTE:

Use a plastic hammer to install companion flange.

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

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:

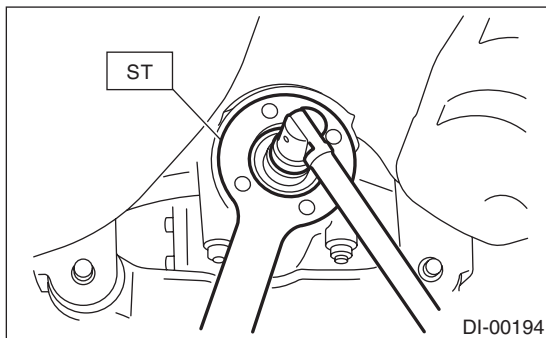
T-type

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



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

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