

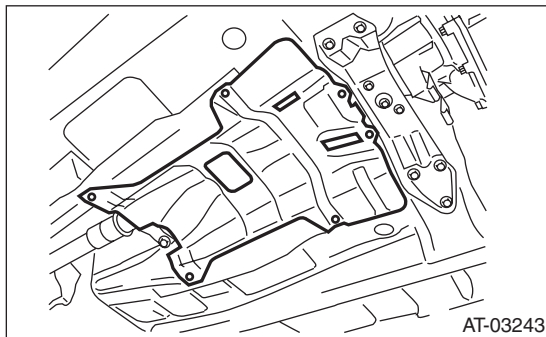
5. Rear Differential Front Oil Seal

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.

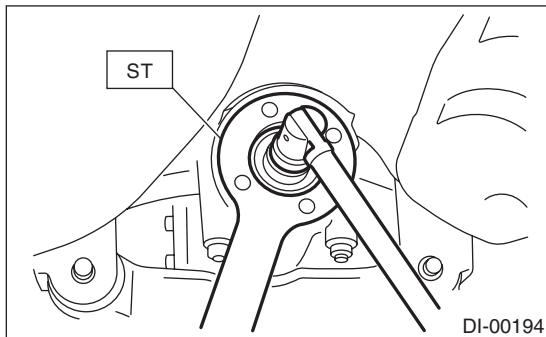
B: REPLACEMENT

- 1) Shift the select 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 and muffler. <Ref. to EX(H6DO)-7, REMOVAL, Rear Exhaust Pipe.> <Ref. to EX(H6DO)-9, REMOVAL, Muffler.>
- 7) Remove the heat shield cover.



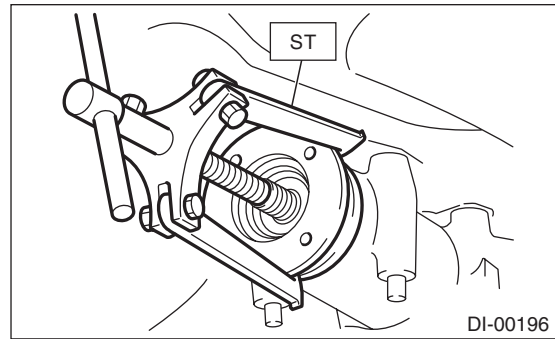
- 8) Remove the propeller shaft. <Ref. to DS-10, REMOVAL, Propeller Shaft.>
- 9) Check the initial torque and write it down.
- 10) Remove the self-locking nut while holding the companion flange with ST.

ST 498427200 FLANGE WRENCH



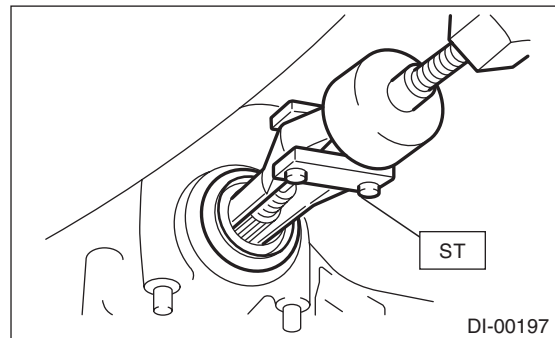
- 11) Extract the companion flange using the ST.

ST 399703600 PULLER ASSY



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

ST 398527700 PULLER ASSY

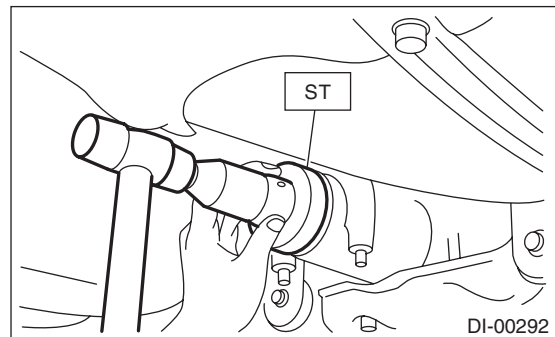


- 13) Using the ST, install the oil seal.

NOTE:

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

ST 498447120 INSTALLER



Rear Differential Front Oil Seal

DIFFERENTIALS

14) 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 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.

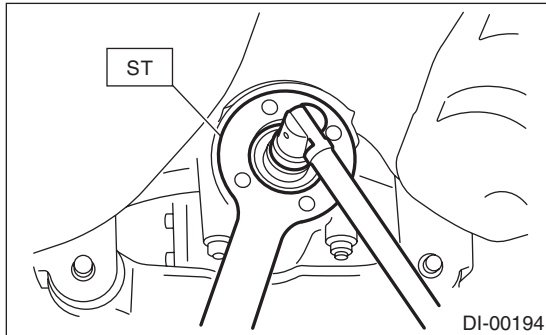
Seal material:

THREE BOND 1324 (Part No. 004403042) or equivalent

Tightening torque:

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

ST 498427200 FLANGE WRENCH



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

17) After installing, fill the differential carrier with gear oil up to the bottom of the filler plug hole. <Ref. to DI-17, Differential Gear Oil.>