

Rear Differential Front Oil Seal

DIFFERENTIALS

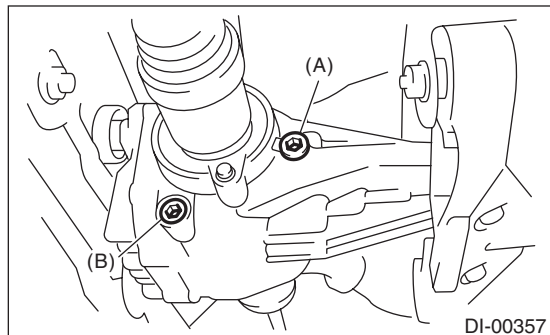
5. Rear Differential Front Oil Seal

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) Position the select lever to neutral.
- 2) Release the parking brake.
- 3) Remove the oil drain plug, and drain gear oil.



- (A) Filler plug
(B) Drain plug

- 4) Install the oil drain plug.

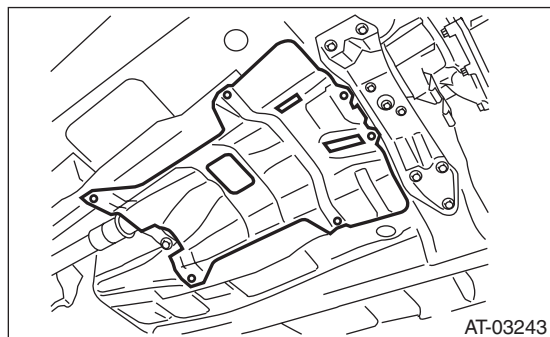
NOTE:

Use a new metal gasket.

Tightening torque:

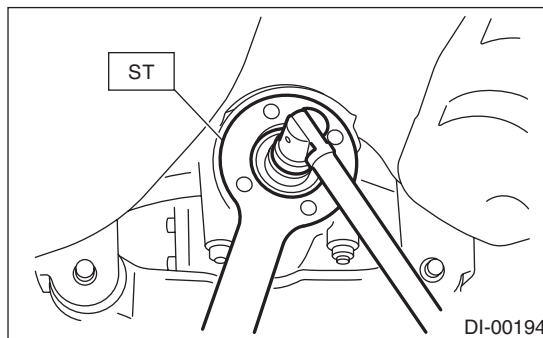
29 N·m (3.0 kgf·m, 21.4 ft·lb)

- 5) Lift up the vehicle.
- 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.



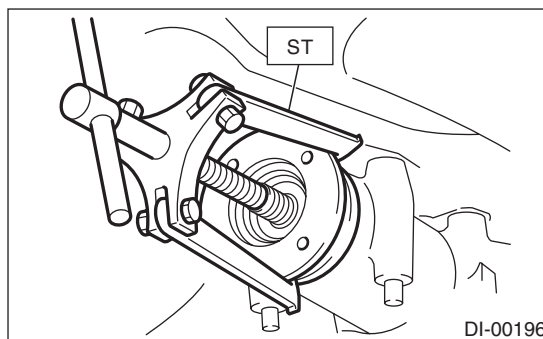
- 8) Remove the propeller shaft. <Ref. to DS-10, REMOVAL, Propeller Shaft.>
- 9) Remove the self-locking nut while holding the companion flange with ST.

ST 498427200 FLANGE WRENCH



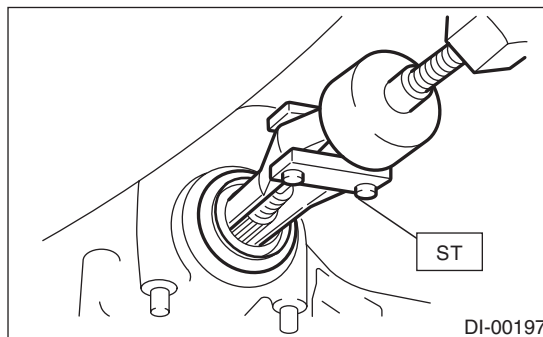
- 10) Extract the companion flange using ST.

ST 399703600 PULLER ASSY

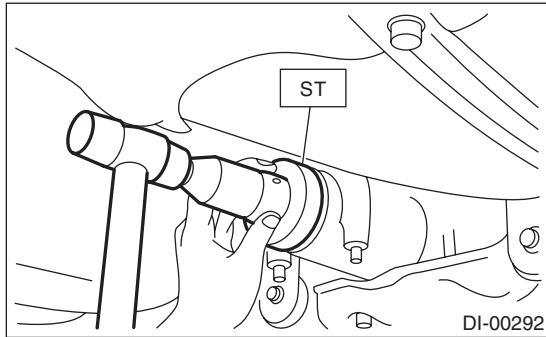


- 11) Remove the oil seal using ST or screwdriver.

ST 398527700 PULLER ASSY



- 12) Install a new oil seal with ST.
 ST 498447120 INSTALLER



- 13) Install the companion flange.

NOTE:

Use a plastic hammer to install companion flange.

- 14) Apply seal material to the drive pinion shaft screw threads and the self-locking nut seat surface.

Seal material:

THREE BOND 1324 (Part No. 004403042) or equivalent

- 15) 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.

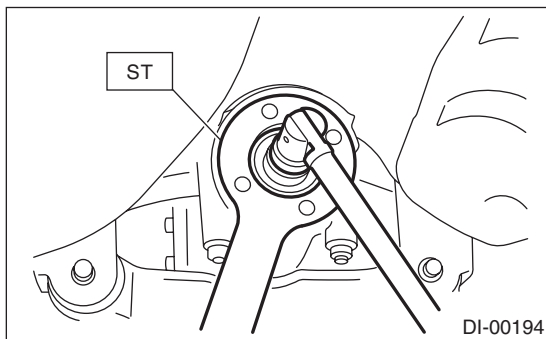
ST 498427200 FLANGE WRENCH

NOTE:

Use a new self-locking nut.

Tightening torque:

191 N·m (19.5 kgf·m, 141.0 ft·lb)



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