

Rear Differential Front Oil Seal

DIFFERENTIALS

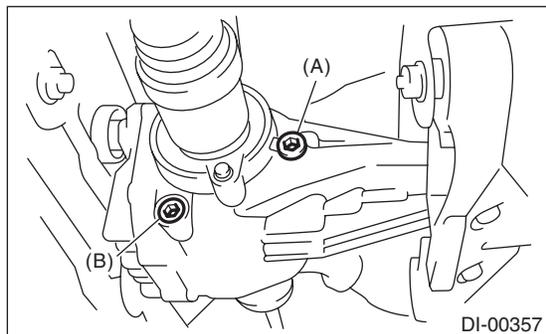
5. Rear Differential Front Oil Seal

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) Lift up the vehicle.
- 4) Remove the oil drain plug, and drain gear oil.



- (A) Filler plug
(B) Oil drain plug

- 5) Install the oil drain plug.

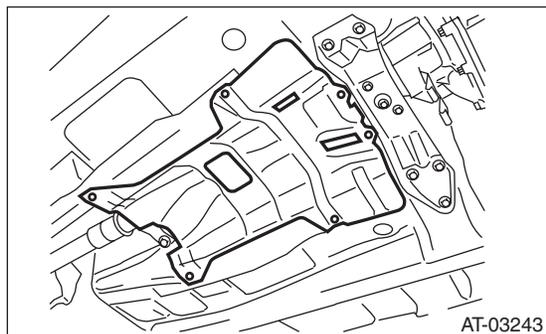
NOTE:

Use a new gasket.

Tightening torque:

50 N·m (5.1 kgf·m, 36.9 ft·lb)

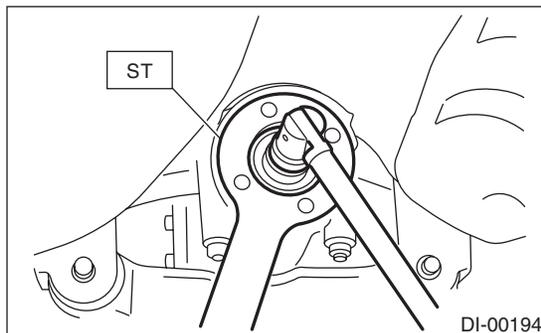
- 6) Remove the rear exhaust pipe and muffler. <Ref. to EX(H6DO)-7, REMOVAL, Rear Exhaust Pipe.> <Ref. to EX(H6DO)-9, REMOVAL, Muffler.>
- 7) Remove the heat shield cover.



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

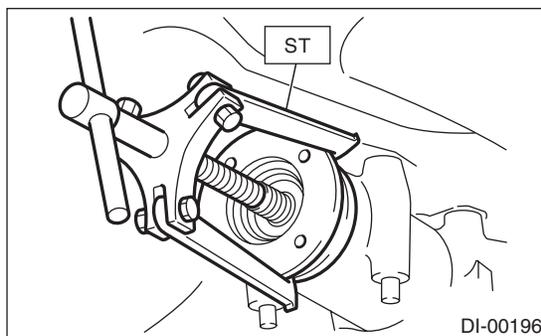
- 9) Remove the self-locking nut while holding the companion flange with ST.

ST 498427200 FLANGE WRENCH



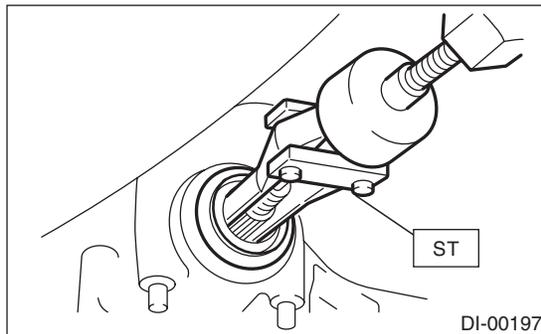
- 10) Extract the companion flange using ST.

ST 399703600 PULLER ASSY



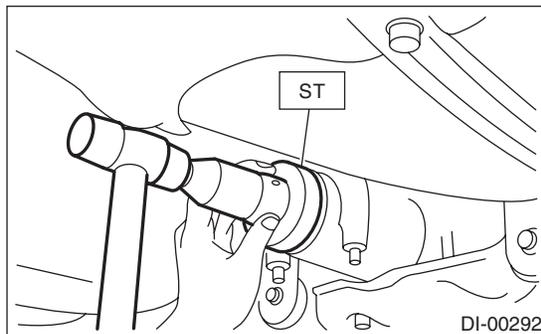
- 11) Remove the oil seal using ST or screwdriver.

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.

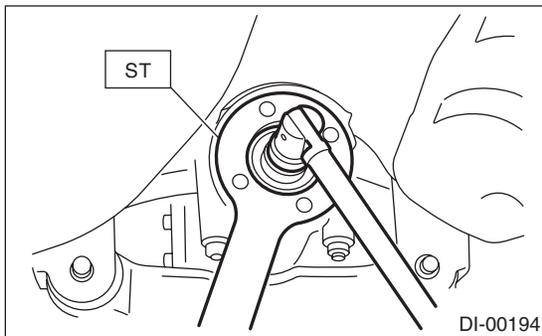
ST 498427200 FLANGE WRENCH

NOTE:

Use a new self-locking nut.

Tightening torque:

191 N·m (19.5 kgf·m, 140.9 ft·lb)



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

17) After installing, fill the differential gear oil up to the bottom of the filler plug hole. <Ref. to DI-16, Differential Gear Oil.>