

DIFFERENTIALS

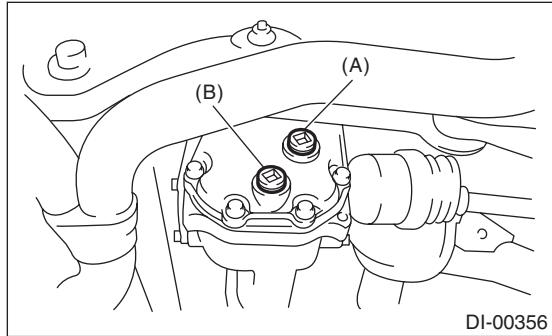
6. Rear Differential Front Oil Seal

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.

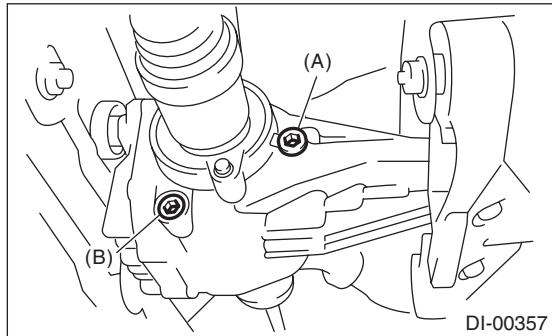
B: REPLACEMENT

- 1) Shift the select lever or gear shift lever to neutral.
- 2) Release the parking brake.
- 3) Remove the oil drain plug, and drain gear oil.
- Except for VA2-type



(A) Filler plug
(B) Drain plug

- VA2-type



(A) Filler plug
(B) Drain plug

- 4) Install the oil drain plug.

NOTE:

- Apply liquid gasket to the drain plug for the T-type (except for GT spec. B 6MT model).

Liquid gasket:

THREE BOND 1105 (Part No. 004403010) or equivalent

- Use a new copper gasket for the VA1-type and T-type (GT spec. B 6MT model).
- Use a new metal gasket for the VA2-type.

Tightening torque:

T-type (except for GT spec. B 6MT model):

49 N·m (5.0 kgf-m, 36.2 ft-lb)

T-type (GT spec. B 6MT model):

60 N·m (6.1 kgf-m, 44.3 ft-lb)

VA1-type:

34 N·m (3.5 kgf-m, 25.1 ft-lb)

VA2-type:

29 N·m (3.0 kgf-m, 21.4 ft-lb)

5) Jack-up the rear wheel and support the body with rigid racks.

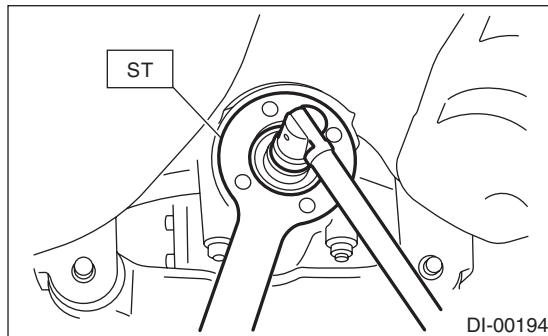
6) Remove the rear exhaust pipe and muffler.

7) Remove the heat shield cover. (When equipped)

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

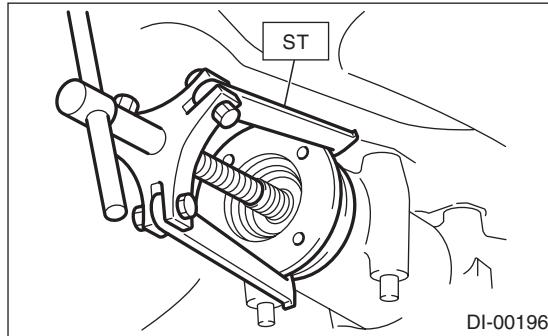
9) Remove the self-locking nut while holding the companion flange with ST.

ST 498427200 FLANGE WRENCH



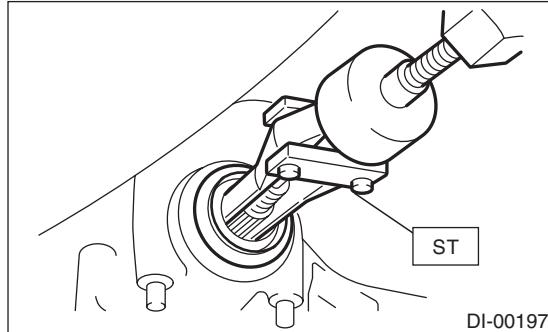
10) Extract the companion flange using ST.

ST 399703600 PULLER ASSY

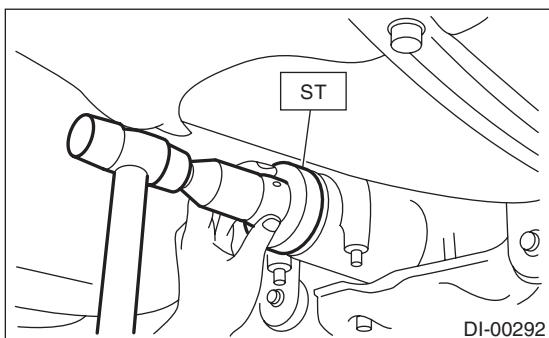


11) Remove the oil seal using ST or screwdriver.

ST 398527700 PULLER ASSY



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



13) Install the companion flange.

NOTE:

Use a plastic hammer to install companion flange.

14) Apply seal material on the drive pinion shaft thread and new self-locking nut seat.

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.

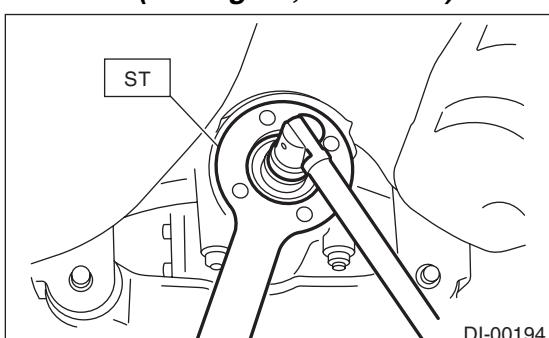
Tightening torque:

T-type:

181.5 N·m (18.5 kgf-m, 134.0 ft-lb)

VA-type:

191 N·m (19.5 kgf-m, 141.0 ft-lb)



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