

Rear Differential Front Oil Seal

DIFFERENTIALS

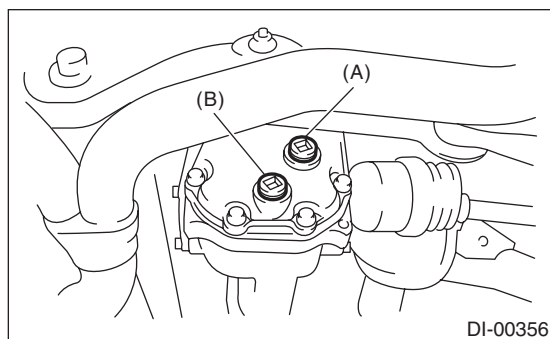
6. Rear Differential Front Oil Seal

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.

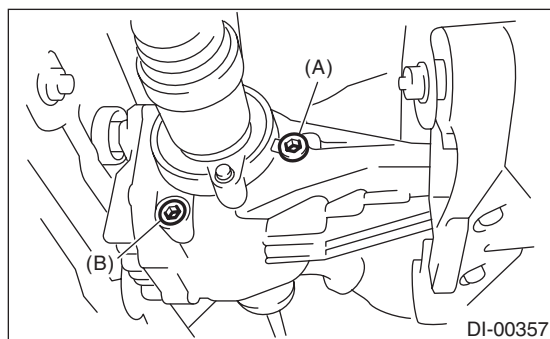
B: REPLACEMENT

- 1) Shift the select lever or gear shift lever to neutral.
- 2) 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 oil drain plug for T-type.
- Use a new aluminum gasket for VA1-type.
- Use a new metal gasket for VA2-type.

Liquid gasket:

THREE BOND 1105 (Part No. 004403010) or equivalent

Tightening torque:

T-type:

49 N·m (5.0 kgf-m, 36.2 ft-lb)

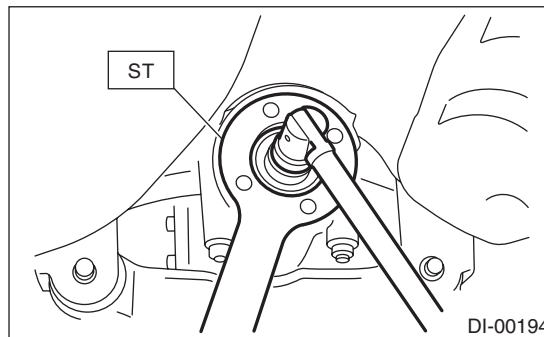
VA1-type:

34 N·m (3.5 kgf-m, 25.1 ft-lb)

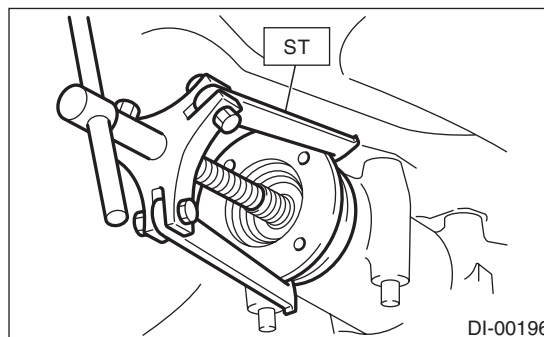
VA2-type:

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



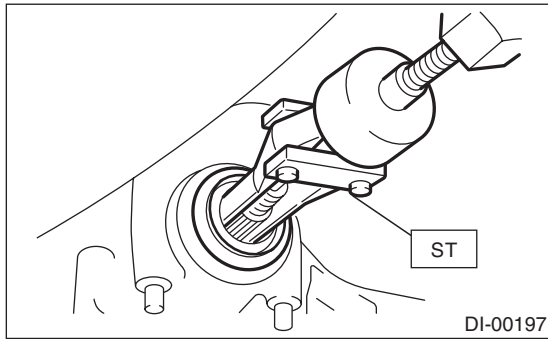
- 10) Extract the companion flange using ST.
ST 399703600 PULLER ASSY



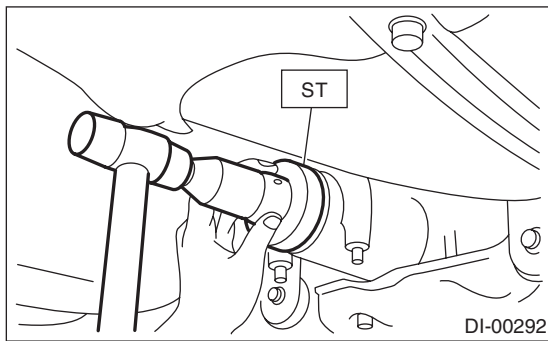
Rear Differential Front Oil Seal

DIFFERENTIALS

- 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.

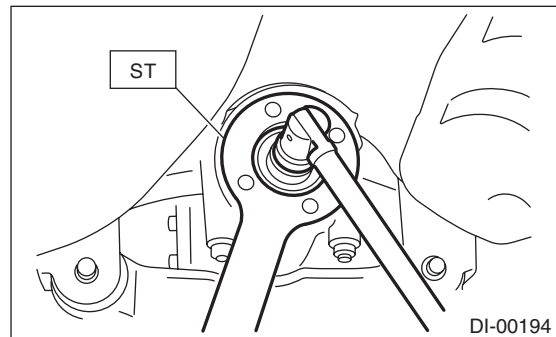
Tightening torque:

T-type:

181.5 N·m (18.5 kgf-m, 134 ft-lb)

VA-type:

191 N·m (19.5 kgf-m, 141 ft-lb)



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