

REAR DIFFERENTIAL FRONT OIL SEAL

DIFFERENTIALS

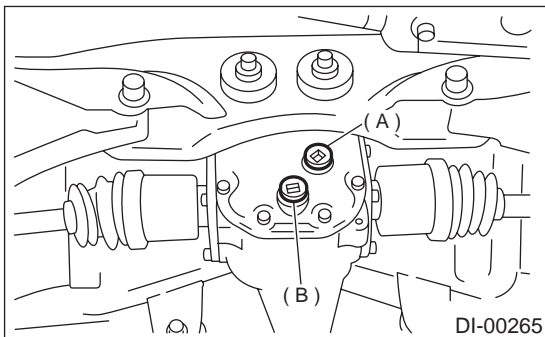
6. Rear Differential Front Oil Seal

A: INSPECTION

Check front oil seal portion for oil leakage, if any leak is found, replace the oil seal and inspect propeller shaft.

B: REPLACEMENT

- 1) Disconnect ground cable from battery.
- 2) Move select lever or gear shift lever to "N".
- 3) Release the parking brake.
- 4) Remove oil drain plug, and drain gear oil.



- (A) Filler plug
(B) Drain plug

- 5) Install oil drain plug.

NOTE:

- Apply fluid packing to oil drain plug in T-type.
- VA-type uses a new aluminum gasket.

Fluid packing:

**THREE BOND 1105 (Part No.:004403010)
or equivalent**

Tightening torque:

T-type;

49 N·m (5.0 kgf·m, 36.2 ft·lb)

VA-type;

34 N·m (3.5 kgf·m, 25.3 ft·lb)

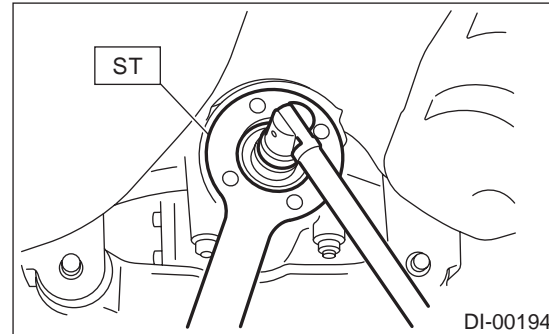
- 6) Jack-up rear wheels and support the vehicle body with sturdy racks.

- 7) Remove rear exhaust pipe and muffler.

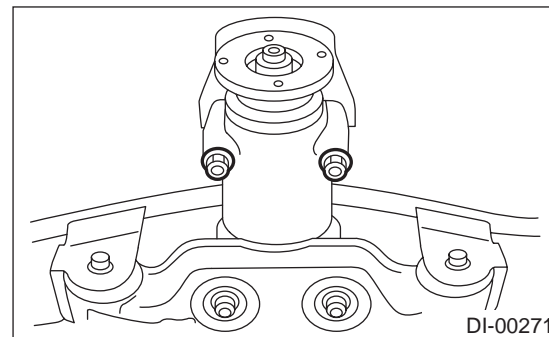
- 8) Remove propeller shaft from body. <Ref. to DS-14, REMOVAL, Propeller Shaft.>

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

ST 498427200 FLANGE WRENCH

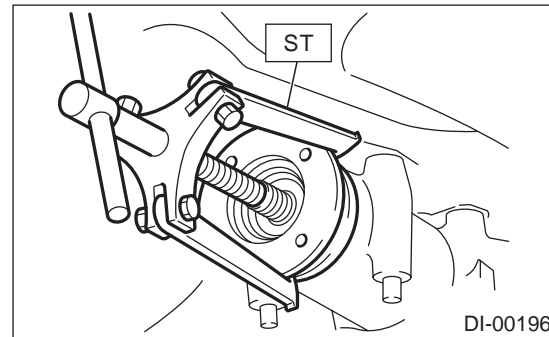


- 10) Remove protector nuts.



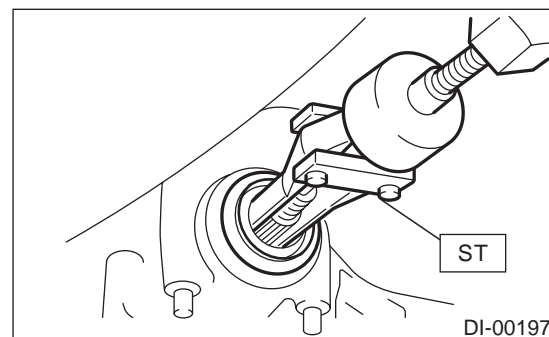
- 11) Extract companion flange using ST.

ST 399703600 PULLER ASSY



- 12) Remove oil seal using ST.

ST 398527700 PULLER ASSY

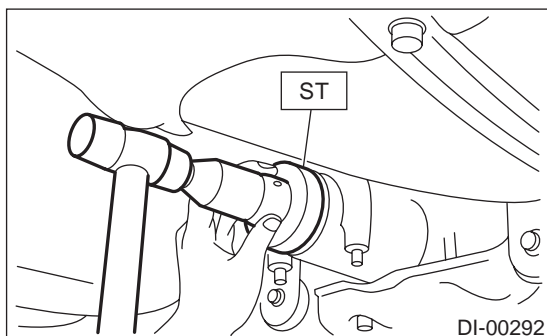


DI-58

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- 13) Fit a new oil seal using ST.
ST 498447120 OIL SEAL INSTALLER



- 14) Install companion flange.

NOTE:

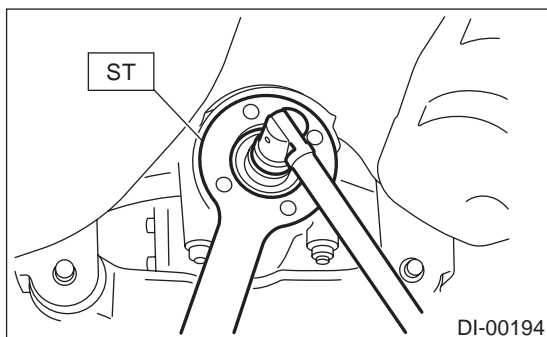
Use a plastic hammer to install companion flange.

- 15) Tighten new self-locking nut within the specified torque range so that the turning resistance of companion flange becomes the same as that before replacing oil seal.

ST 498427200 FLANGE WRENCH

Tightening torque:

181.4 N·m (18.50 kgf-m, 133.8 ft-lb)



- 16) Reassembling procedure hereafter is the reverse of the disassembling.