

6. Rear Differential Front Oil Seal

S303139

A: INSPECTION

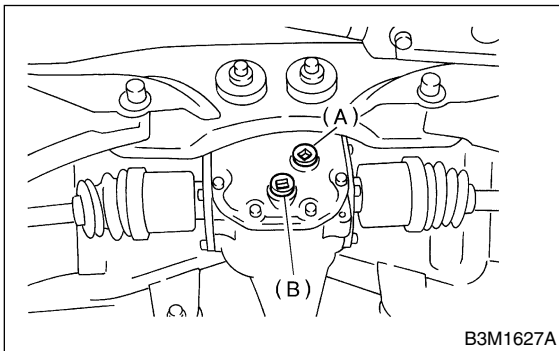
S303139A10

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

B: REPLACEMENT

S303139A20

- 1) Disconnect battery ground cable.
- 2) Move select lever or gear shift lever to "N".
- 3) Release the parking brake.
- 4) Remove rear differential protector. (if equipped)
- 5) Remove oil drain plug, and drain gear oil.



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- (A) Filler plug
(B) Drain plug

- 6) 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 or equivalent

Tightening torque:

T-type;

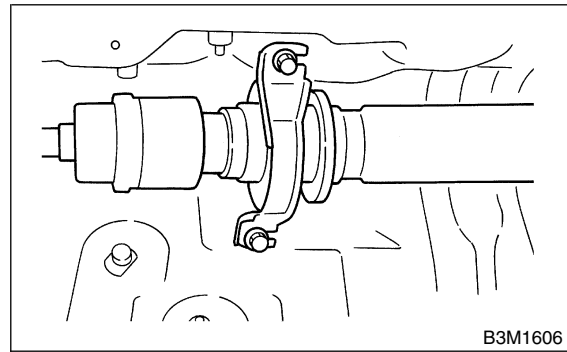
49 N·m (5.0 kgf·m, 36.2 ft·lb)

VA-type;

34 N·m (3.5 kgf·m, 25.3 ft·lb)

- 7) Jack-up rear wheels and support the vehicle body with sturdy racks.
- 8) Remove rear exhaust pipe and muffler.

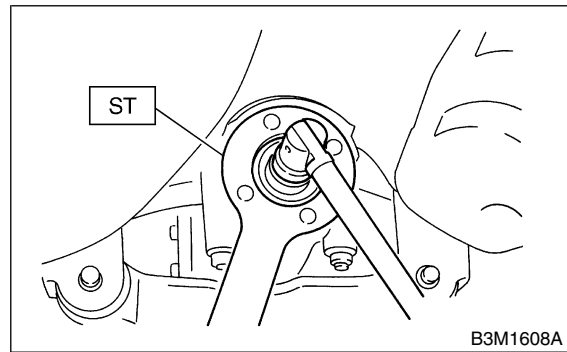
- 9) Remove propeller shaft from body. <Ref. to DS-13, REMOVAL, Propeller Shaft.>



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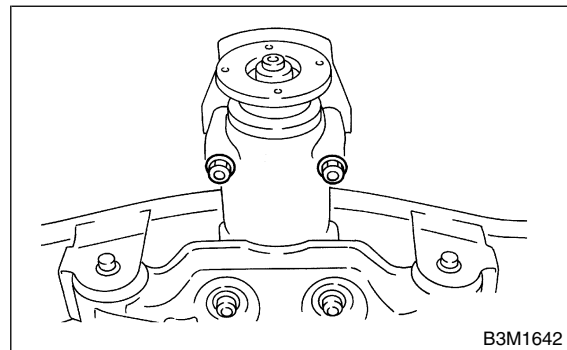
- 10) Remove self-locking nut while holding companion flange with ST.

ST 498427200 FLANGE WRENCH



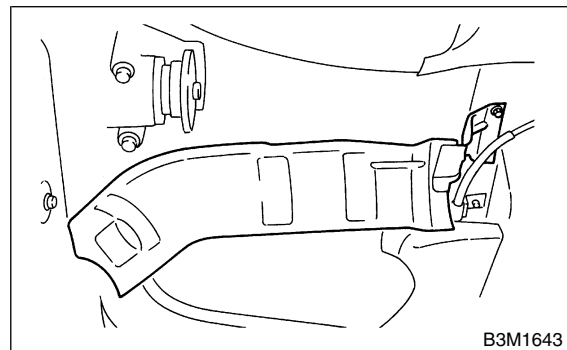
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- 11) Remove nut of protector.



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- 12) Remove tank cover.

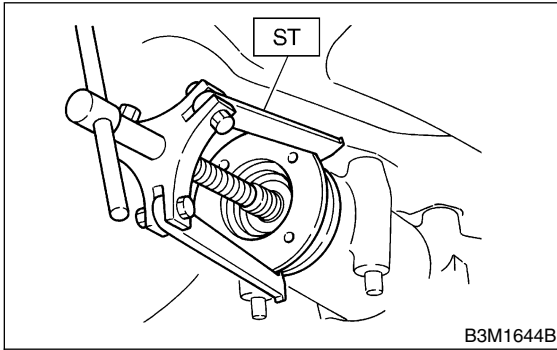


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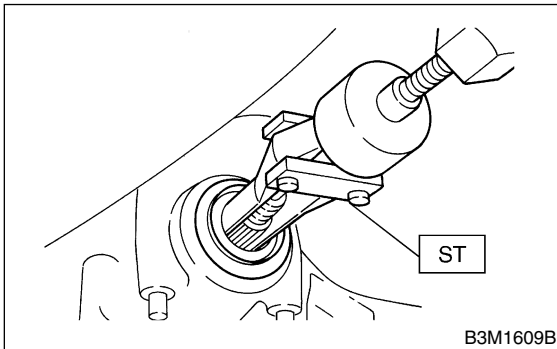
REAR DIFFERENTIAL FRONT OIL SEAL

Differentials

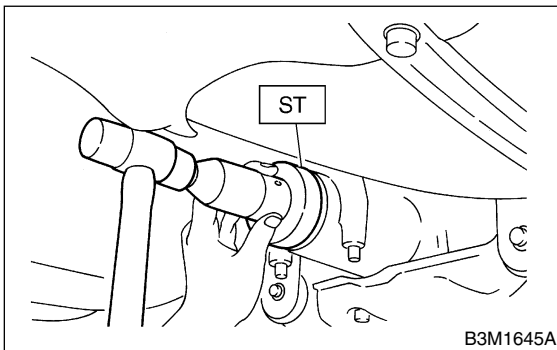
- 13) Extract companion flange using ST.
ST 399703602 PULLEY ASSY



- 14) Remove oil seal using ST.
ST 499705401 PULLER ASSY



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



- 16) Install companion flange.

NOTE:

Use a plastic hammer to install companion flange.

- 17) Tighten 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.

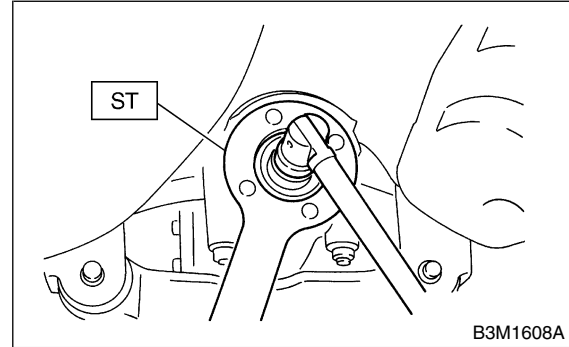
ST 498427200 FLANGE WRENCH

NOTE:

Use a new self-locking nut.

Tightening torque:

181.4 N-m (18.50 kgf-m, 133.8 ft-lb)



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