

REAR DIFFERENTIAL FRONT OIL SEAL

Differentials

6. Rear Differential Front Oil Seal

S303139

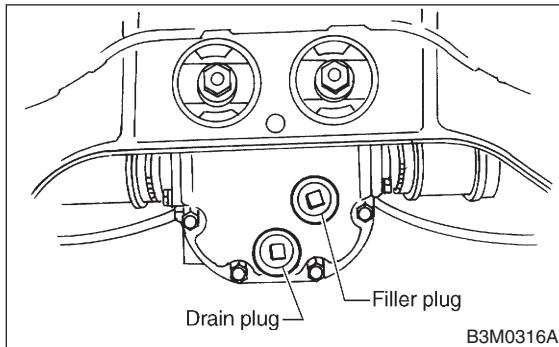
A: REPLACEMENT

S303139A20

1. T-TYPE

S303139A2001

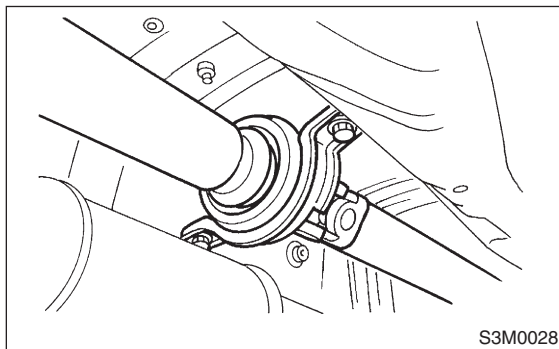
- 1) Disconnect ground terminal from battery.
- 2) Move selector lever or gear shift lever to "N".
- 3) Release the parking brake.
- 4) Remove oil drain plug, and drain gear oil.



- 5) Jack-up rear wheels and support the vehicle body with sturdy racks.
- 6) Remove propeller shaft from body. <Ref. to DS-13 REMOVAL, Propeller Shaft.>

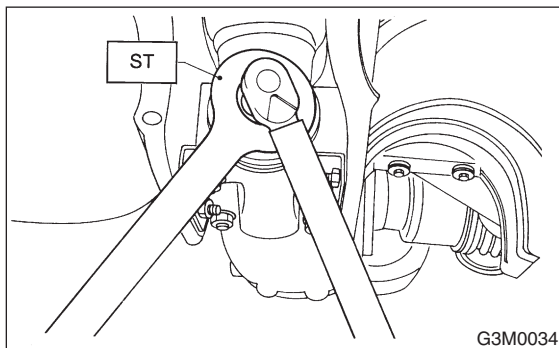
CAUTION:

Wrap metal parts with a cloth or rubber material to prevent damage from adjacent metal parts.

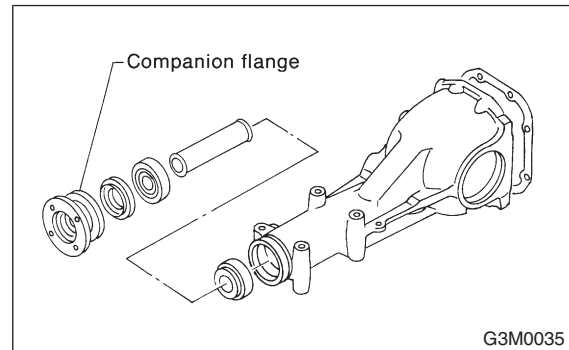


- 7) Remove self-locking nut while holding companion flange with ST.

ST 498427200 FLANGE WRENCH

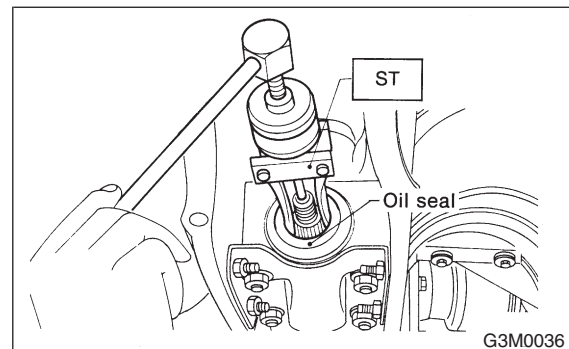


- 8) Extract companion flange with a puller.



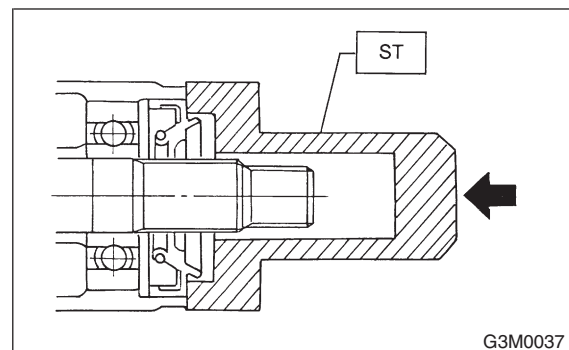
- 9) Remove oil seal using ST.

ST 398527700 PULLER ASSY



- 10) Fit a new oil seal using ST.

ST 498447120 OIL SEAL INSTALLER



- 11) Install companion flange.

12) 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.

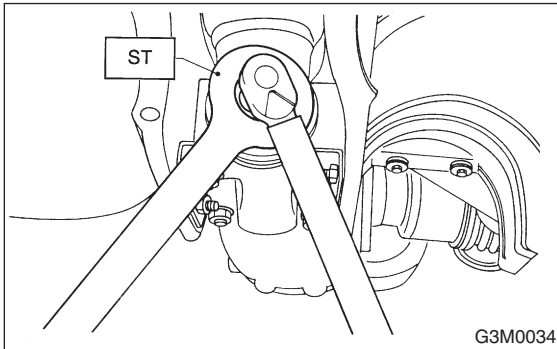
CAUTION:

Use a new self-locking nut.

ST 498427200 FLANGE WRENCH

Tightening torque:

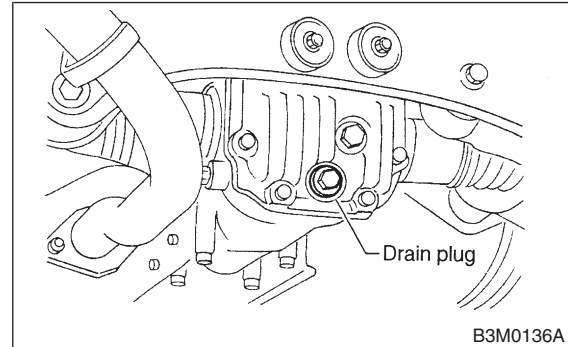
181 N·m (18.5 kgf-m, 134 ft-lb)



13) Reassembling procedure hereafter is the reverse of the disassembling.

2. VA-TYPE S303139A2002

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

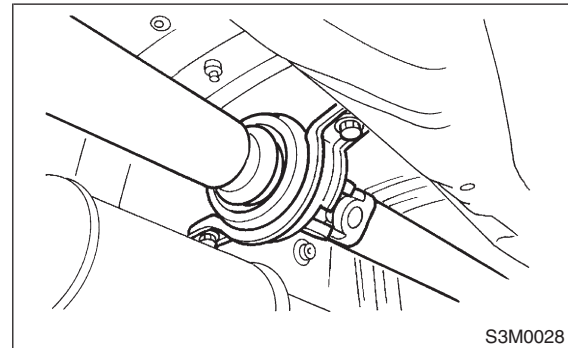


5) Jack-up rear wheels and support the vehicle body with sturdy racks.

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

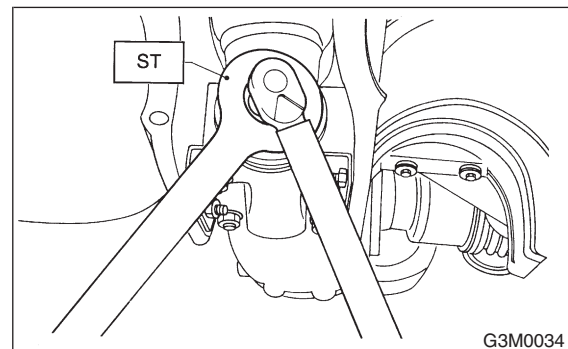
CAUTION:

Wrap metal parts with a cloth or rubber material to prevent damage from adjacent metal parts.



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

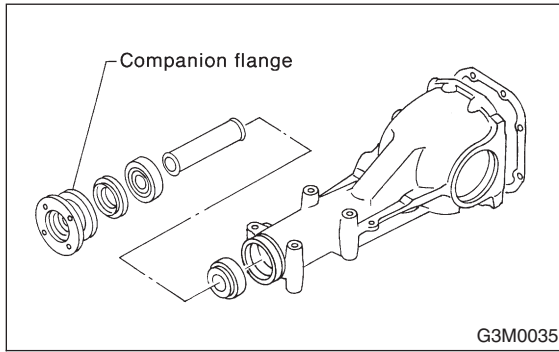
ST 498427200 FLANGE WRENCH



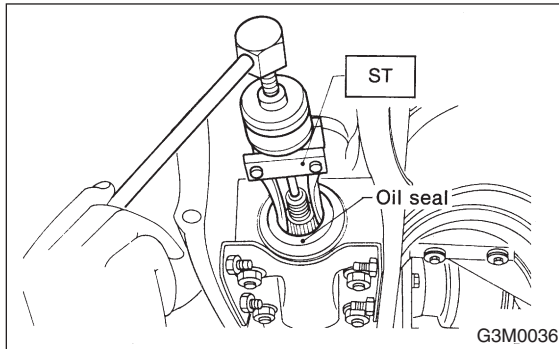
REAR DIFFERENTIAL FRONT OIL SEAL

Differentials

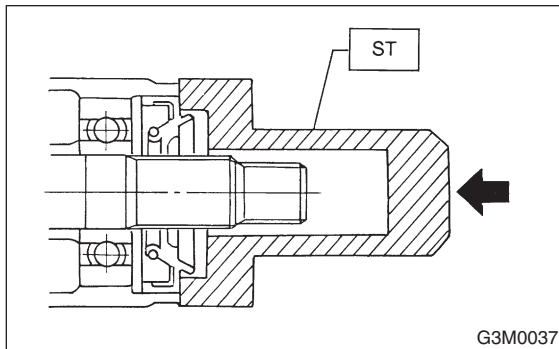
- 8) Extract companion flange with a puller.



- 9) Remove oil seal using ST.
ST 398527700 PULLER ASSY



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

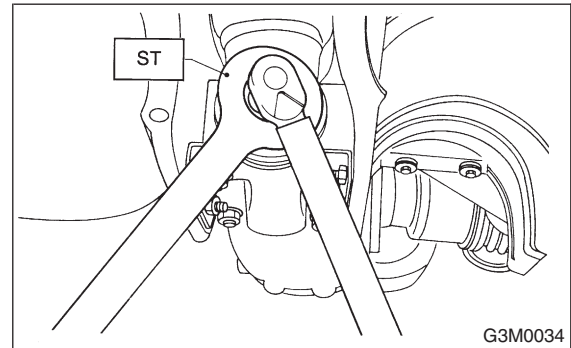


- 11) Install companion flange.
12) Tighten self-locking nut within the specified torque range so that the turning resistance of companion flange becomes the same as that before replacing oil seal.

ST 498427200 FLANGE WRENCH

CAUTION:
Use a new self-locking nut.

Tightening torque:
188 N·m (19.2 kgf-m, 139 ft-lb)



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