

6. Differential Side Retainer Oil Seal

A: INSPECTION

Check for leakage of gear oil from differential side retainer oil seal part. If there is oil leakage, replace the oil seal with the new part and check the drive shaft.

B: REPLACEMENT

- 1) Disconnect the ground cable from battery.
- 2) Remove the front tires.
- 3) Lift up the vehicle.
- 4) Using the TORX® bit T70, remove the drain plug, and drain the transmission gear oil completely.

CAUTION:

- Immediately after the vehicle has been running or after idling for a long time, the gear oil will be hot. Be careful not to receive burns.
- Be careful not to spill the gear oil on the exhaust pipe, to prevent emission of smoke or causing a fire. If gear oil is spilled, wipe it off completely.

- 5) Tighten the drain plug using TORX® bit T70.

NOTE:

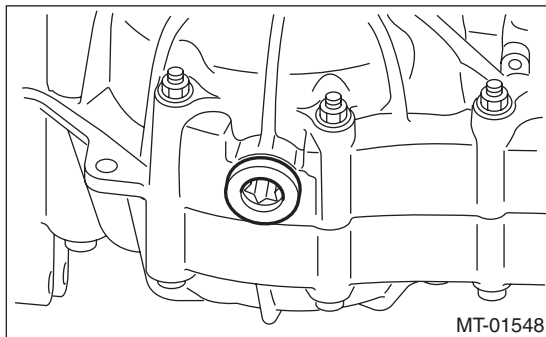
Use a new gasket.

Tightening torque:

44 N·m (4.5 kgf-m, 32.5 ft-lb) (aluminum gasket, silver)

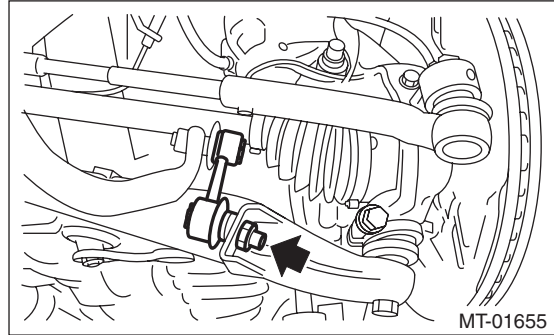
70 N·m (7.1 kgf-m, 51.6 ft-lb) (copper gasket, brown)

70 N·m (7.1 kgf-m, 51.6 ft-lb) (metal gasket, black)

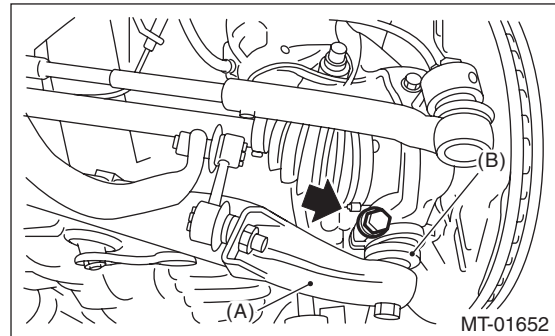


- 6) Remove the center exhaust pipe. <Ref. to EX(H4DO(w/o HEV))-14, REMOVAL, Center Exhaust Pipe.>

- 7) Disconnect the stabilizer link.



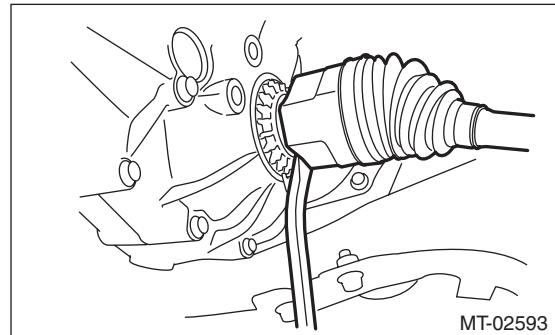
- 8) Remove the bolt securing the ball joint of the front arm to the housing, then separate the front arms and the housing.



(A) Front arm

(B) Ball joint

- 9) Using a crowbar, separate the left and right front drive shafts.



- 10) Remove the differential side retainer oil seal.

NOTE:

- Be sure to replace the oil seal after removing front drive shaft from transmission.
- Use the ST 398527700 PULLER ASSY to remove the oil seal. If removing the oil seal with a flat tip screwdriver, be careful not to scratch the differential side retainer.

Differential Side Retainer Oil Seal

MANUAL TRANSMISSION AND DIFFERENTIAL

11) Using the ST, install the differential side retainer oil seal by lightly tapping with a plastic hammer.

CAUTION:

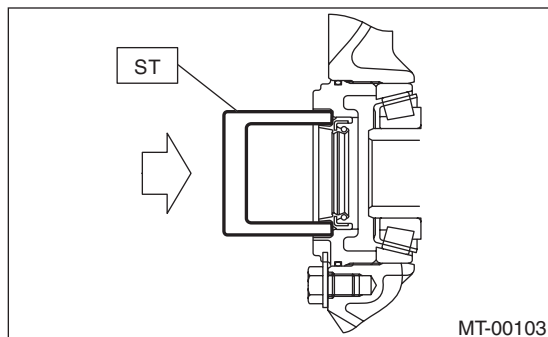
- Apply transmission gear oil to the oil seal lips, and install the oil seal while being careful not to deform the lip.
- Check the identification marks (R, L) during the installation so as not to mix up the oil seal RH and LH.

NOTE:

Use a new oil seal.

ST 18675AA000

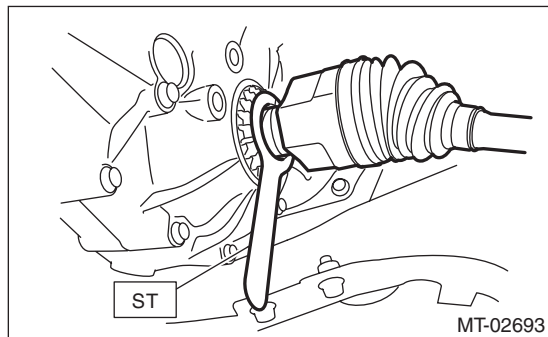
DIFFERENTIAL SIDE OIL
SEAL INSTALLER



12) Install the front drive shaft.

ST 28399SA010

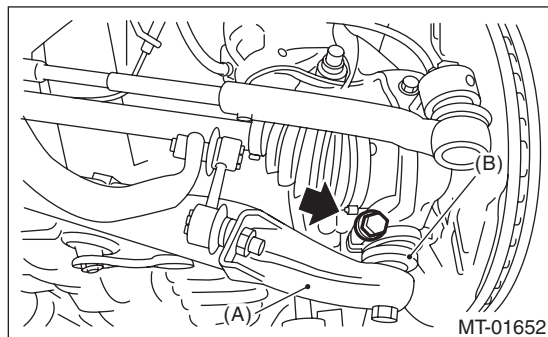
OIL SEAL PROTECTOR



13) Insert the front arm ball joint and tighten the mounting bolt.

Tightening torque:

50 N·m (5.1 kgf-m, 36.9 ft-lb)



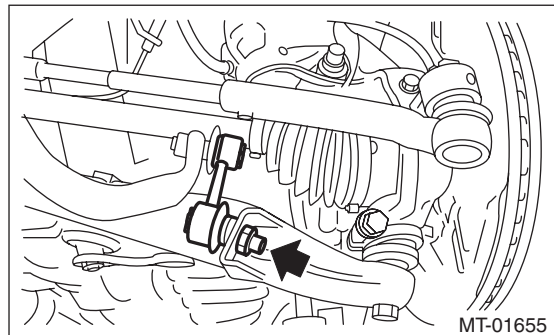
(A) Front arm

(B) Ball joint

14) Install the stabilizer link.

Tightening torque:

30 N·m (3.1 kgf-m, 22.1 ft-lb)



15) Install the center exhaust pipe. <Ref. to EX(H4DO(w/o HEV))-15, INSTALLATION, Center Exhaust Pipe.>

16) Lower the vehicle.

17) Pour in transmission gear oil and check the oil level. <Ref. to 5MT-21, REPLACEMENT, Transmission Gear Oil.>

18) Install the front tires.

19) Connect the battery ground terminal.