

12. Differential Side Retainer Oil Seal

A: INSPECTION

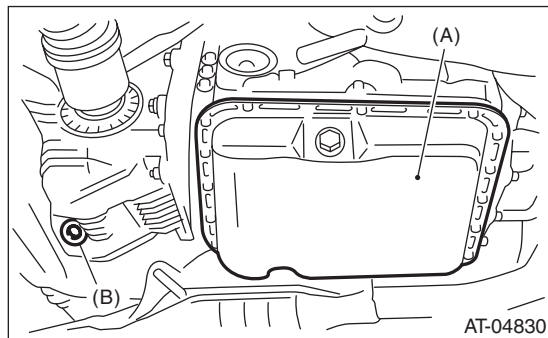
Check for leakage of gear oil from differential side retainer oil seal part. If there is an oil leak, replace the oil seal and inspect the drive shaft.

B: REPLACEMENT

- 1) Lift up the vehicle.
- 2) Remove the front and center exhaust pipes. <Ref. to EX(H4SO)-6, REMOVAL, Front Exhaust Pipe.> <Ref. to EX(H4SO)-9, REMOVAL, Center Exhaust Pipe.>
- 3) Remove the differential gear oil drain plug using TORX® bit T70, and then drain differential gear oil.

CAUTION:

- The differential gear oil will be extremely hot after driving. Be careful not to receive burns.
- Be careful not to spill the differential gear oil on exhaust pipe to prevent it from emitting smoke or causing fires. If differential gear oil is spilled on the exhaust pipe, wipe it off completely.



(A) Oil pan

(B) Differential gear oil drain plug

- 4) Perform replacement with a new gasket, and tighten the differential gear oil drain plug.

Tightening torque:

Aluminum gasket (silver)

44 N·m (4.5 kgf-m, 32.5 ft-lb)

Copper gasket (brown)

70 N·m (7.1 kgf-m, 51.6 ft-lb)

Metal gasket (black)

70 N·m (7.1 kgf-m, 51.6 ft-lb)

- 5) Separate the front drive shaft from the transmission. <Ref. to DS-26, REMOVAL, Front Drive Shaft.>

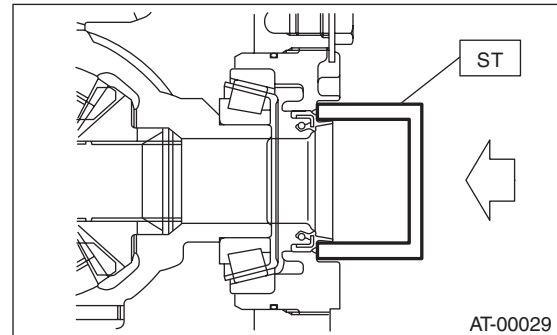
- 6) Remove the differential side retainer oil seal using a screwdriver wrapped with vinyl tape etc.

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

CAUTION:

When setting the oil seal to the ST, apply differential gear oil to the oil seal lips so that the lip is not deformed.

ST 18675AA000 DIFFERENTIAL SIDE OIL SEAL INSTALLER



- 8) Apply gear oil to the oil seal lips.
- 9) Using the ST, install the front drive shaft. <Ref. to DS-26, INSTALLATION, Front Drive Shaft.>
- ST 28399SA010 OIL SEAL PROTECTOR
- 10) Install the front and center exhaust pipe. <Ref. to EX(H4SO)-7, INSTALLATION, Front Exhaust Pipe.> <Ref. to EX(H4SO)-9, INSTALLATION, Center Exhaust Pipe.>
- 11) Lower the vehicle.
- 12) Fill with differential gear oil through the oil level gauge hole. <Ref. to 4AT-28, Differential Gear Oil.>
- 13) Check the level of differential gear oil. <Ref. to 4AT-28, INSPECTION, Differential Gear Oil.>