

15. Front & Rear Differential Gear Oil

A: REPLACEMENT

1. FRONT DIFFERENTIAL (MT MODEL)

Front differential gear oil for MT model lubricates the transmission and differential together. Refer to "Transmission Oil" for replacement procedure.
<Ref. to PM-26, Transmission Gear Oil.>

2. FRONT DIFFERENTIAL (AT MODEL)

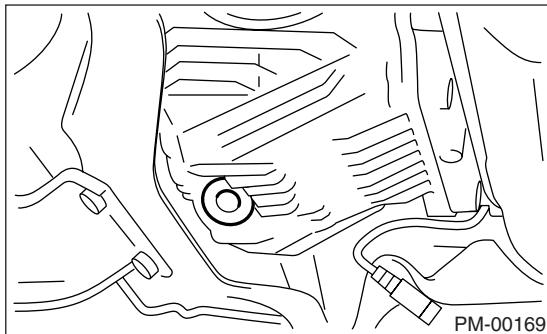
1) Drain the differential gear oil by removing drain plug using TORX® bit T70.

CAUTION:

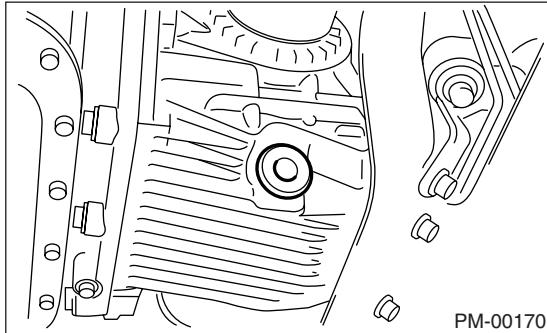
If the front differential gear oil is spilt over exhaust pipe, wipe it off with cloth to avoid emitting smoke or causing a fire.

NOTE:

- Before starting work, cool off the differential gear oil well.
- 4AT model



• 5AT model



2) Replace the gasket with new part, and then tighten the drain plug to specified torque.

Tightening torque:

• 4AT model

Copper gasket

70 N·m (7.1 kgf·m, 51.6 ft·lb)

Aluminum gasket

44 N·m (4.5 kgf·m, 32.5 ft·lb)

• 5AT model

Copper gasket

70 N·m (7.1 kgf·m, 51.6 ft·lb)

3) Fill differential gear oil through the oil level gauge hole up to the upper point of level gauge.

Recommended gear oil:

Refer to "RM" section. <Ref. to RM-2, LUBRICANTS, RECOMMENDED MATERIALS, Recommended Materials.>

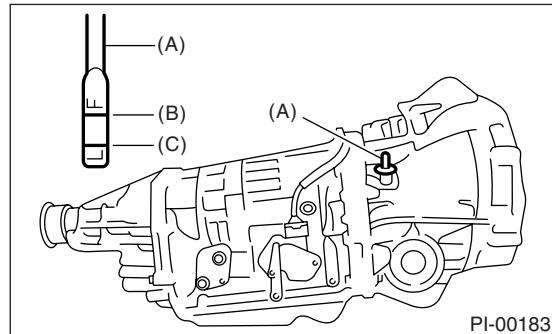
NOTE:

Each oil manufacturer has its base oil and additives. Thus, do not mix two or more brands.

Gear oil capacity:

4AT model

1.1 — 1.3 ℥ (1.2 — 1.4 US qt, 1.0 — 1.1 Imp qt)



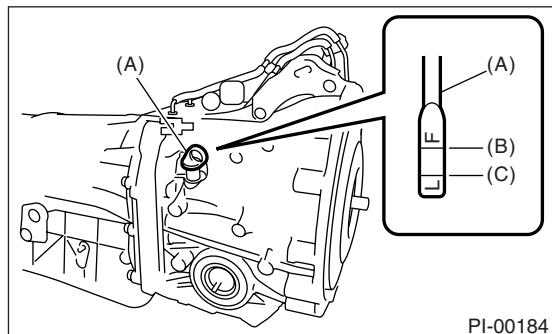
(A) Oil level gauge

(B) Upper level

(C) Lower level

5AT model

1.3 — 1.5 ℥ (1.4 — 1.6 US qt, 1.1 — 1.3 Imp qt)



(A) Oil level gauge

(B) Upper level

(C) Lower level

Front & Rear Differential Gear Oil

PERIODIC MAINTENANCE SERVICES

3. REAR DIFFERENTIAL

- 1) Drain the oil by removing drain plug.
- 2) Remove the filler plug for quick draining oil.
- 3) Install the drain plug after draining oil.

NOTE:

- Apply liquid gasket to the drain plug threads for T-type (except for turbo 6MT model).
- Use a new gasket for VA-type and T-type (turbo 6MT model).

Liquid gasket:

THREE BOND 1105 (Part No. 004403010)

Tightening torque:

T-type (except for turbo 6MT model)

49.0 N·m (5.0 kgf-m, 36.2 ft-lb)

T-type (turbo 6MT model)

60 N·m (6.1 kgf-m, 44.3 ft-lb)

VA1-type

34 N·m (3.5 kgf-m, 25.3 ft-lb)

VA2-type

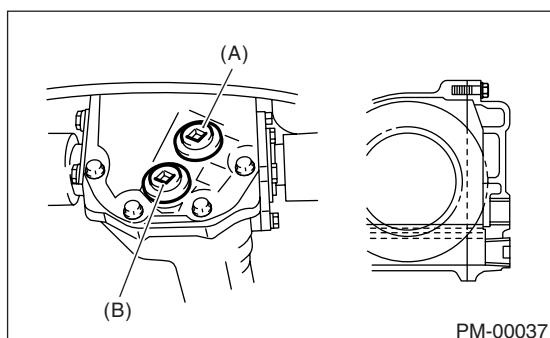
29 N·m (3.0 kgf-m, 21.4 ft-lb)

- 4) Pour oil to the bottom end of filler plug hole.

Recommended gear oil:

Refer to "RM" section. <Ref. to RM-2, LUBRICANTS, RECOMMENDED MATERIALS, Recommended Materials.>

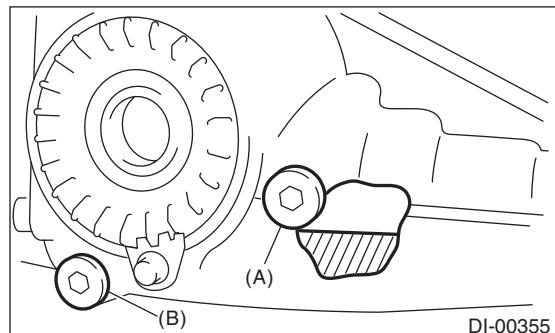
- Except for VA2-type



(A) Filler plug

(B) Drain plug

- VA2-type



(A) Filler plug

(B) Drain plug

Oil capacity:

Except for turbo 6MT model

0.8 ℥ (0.8 US qt, 0.7 Imp qt)

Turbo 6MT model

1.0 ℥ (1.1 US qt, 0.9 Imp qt)

NOTE:

Each oil manufacturer has its base oil and additives. Thus, do not mix two or more brands.

- 5) Install the filler plug.

NOTE:

- Apply liquid gasket to the drain plug threads for T-type (except for turbo 6MT model).
- Use a new gasket for VA-type and T-type (turbo 6MT model).

Liquid gasket:

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