

# FRONT & REAR DIFFERENTIAL GEAR OIL

## PERIODIC MAINTENANCE SERVICES

### 16. Front & Rear Differential Gear Oil

#### A: REPLACEMENT

##### 1. FRONT DIFFERENTIAL (MT MODEL)

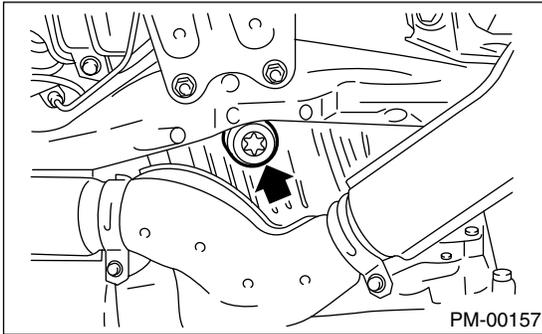
For MT vehicle, differential oil works as manual transmission oil to lubricate differential. Refer to "Transmission Oil". <Ref. to PM-23, Transmission Gear Oil.>

##### 2. FRONT DIFFERENTIAL (AT MODEL)

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

**NOTE:**

- Before starting work, cool off the differential gear oil well.
- If front differential gear oil adheres to the exhaust pipe, wipe it off completely.



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

**Tightening torque:**

**44 N·m (4.5 kgf·m, 32.5 ft·lb)**

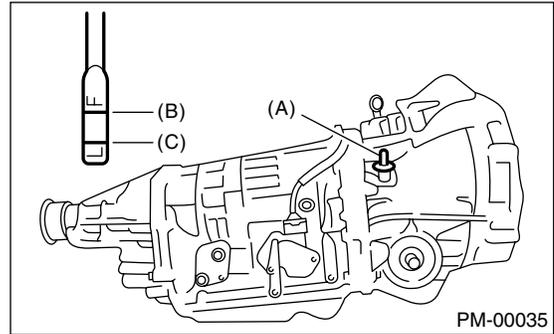
3) Fill differential gear oil through the oil level gauge hole up to the upper point of level gauge.

**NOTE:**

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

**Differential gear oil capacity:**

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



- (A) Oil level gauge
- (B) Upper level
- (C) Lower level

##### 3. REAR DIFFERENTIAL

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

**NOTE:**

Apply fluid packing to the drain plug threads.

**Fluid packing:**

**Three Bond 1105 (Part No. 004403010)**

**Tightening torque:**

**49.0 N·m (5.0 kgf·m, 36.2 ft·lb)**

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4) After installing the drain plug onto rear differential gear case firmly, fill oil up fully to the mouth of filler plug.

**CAUTION:**

**Mechanical LSD oil must be used for STi model.**

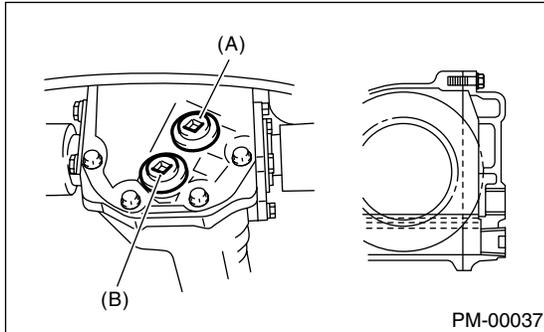
**Recommended gear oil:**

**Except STi model**

**GL-5 (75W-90) or equivalent**

**STi model**

**Gear oil LSD (Part No. K0904AA080) or equivalent**



(A) Filler plug

(B) Drain plug

**Oil capacity:**

**Except for STi model:**

**0.8 ℓ (0.8 US qt, 0.7 Imp qt)**

**STi model:**

**0.9 — 1.1 ℓ**

**(1.0 — 1.2 US qt, 0.8 — 1.0 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 or rear differential oil temperature switch onto rear differential gear case firmly.

**NOTE:**

Apply fluid packing to the filler plug or rear differential oil temperature switch threads.

**Fluid packing:**

**Three Bond 1105 (Part No. 004403010)**

**Tightening torque:**

**49.0 N·m (5.0 kgf-m, 36.2 ft-lb)**