

## 16. Front & Rear Differential Oil

### A: REPLACEMENT

#### 1. FRONT DIFFERENTIAL (MANUAL TRANSMISSION)

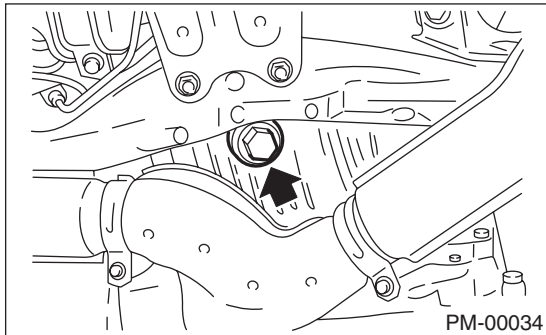
For M/T vehicle, manual transmission oil works as differential oil to lubricate differential. Refer to "Transmission Oil". <Ref. to PM-22, Transmission Oil.>

#### 2. FRONT DIFFERENTIAL (AUTOMATIC TRANSMISSION)

1) Drain the differential gear oil by removing drain plug after allowing the engine to cool for 3 to 4 hours.

**NOTE:**

Before starting work, cool off the engine well.



2) Reinstall drain plug after draining differential gear oil and tighten it to the specified torque.

**Tightening torque:**

**44 N·m (4.5 kgf-m, 32.5 ft-lb)**

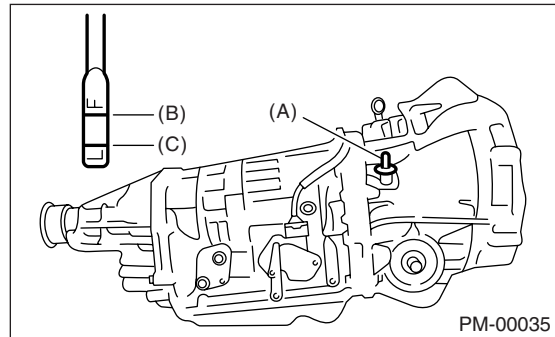
**NOTE:**

- Be sure to place a gasket between the transmission case and drain plug.
- Replace the gasket with a new one.
- Each oil manufacturer has its base oil and additives. Thus, do not mix two or more brands.

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

**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 for quick draining oil.
- 3) Reinstall the drain plug after draining oil.

**NOTE:**

- Apply liquid gasket to drain plug threads before installation.

**Liquid gasket:**

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

**Tightening torque:**

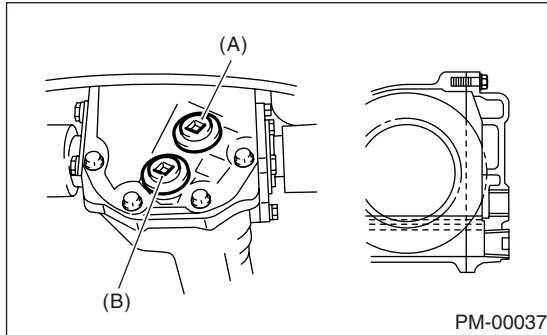
**49.0 N·m (5.0 kgf-m, 36.2 ft-lb)**

## FRONT & REAR DIFFERENTIAL OIL

### PERIODIC MAINTENANCE SERVICES

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



- (A) Filler plug  
(B) Drain plug

#### **Oil capacity:**

**0.8 ℓ (0.8 US qt, 0.7 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 onto rear differential gear case firmly.

#### **NOTE:**

Apply liquid gasket to filler plug before installation.

#### **Liquid gasket:**

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

#### **Tightening torque:**

**49.0 N·m (5.0 kgf-m, 36.2 ft-lb)**