

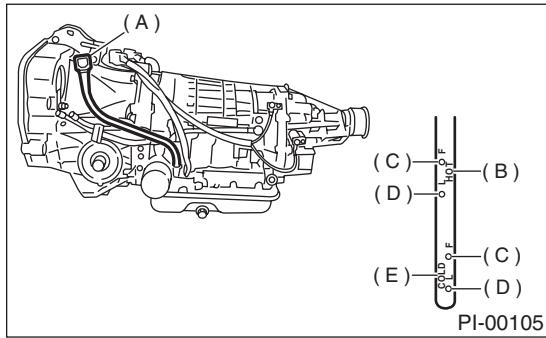
## 15. ATF

### A: INSPECTION

1) Raise the ATF temperature to 70 to 80°C (158 to 176°F) by driving about 10 minutes.

#### NOTE:

The level of ATF varies with fluid temperature. Pay attention to the fluid temperature when checking oil level.



- (A) Level gauge
- (B) "HOT" side
- (C) Upper level
- (D) Lower level
- (E) "COLD" side

2) Make sure the vehicle is level. After selecting all positions (P, R, N, D, 3, 2, 1), set the select lever in "P" range. Measure the fluid level with engine idling.

#### NOTE:

After running, idle the engine for 1 or 2 minutes before measurement.

3) If the fluid level is below the center between upper and lower marks, add the recommended ATF until the fluid level is found within the specified range (above the center between upper and lower marks). When the transmission is hot, the level should be above the center of upper and lower marks, and when it is cold, the level should be found below the center of these two marks.

#### CAUTION:

- Use care not to exceed the upper limit level.
- ATF level varies with temperature. Remember that the addition of fluid to the upper limit mark when the transmission is cold will result in the overfilling of fluid.

4) Fluid temperature rising speed

- By idling the engine

Time for temperature rise to 70°C (158°F) with atmospheric temperature of 0°C (32°F): More than 25 minutes

#### NOTE:

- Time for temperature rise to 30°C (86°F) with atmospheric temperature of 0°C (32°F): Approx. 8 minutes

- By running the vehicle

Time for temperature rise to 60°C (140°F) with atmospheric temperature of 0°C (32°F): More than 10 minutes

- 5) Method for checking fluid level upon delivery or at periodic inspection

Check the fluid level after a warm-up run of approx. 10 minutes. During the warm-up period, the automatic transmission functions can also be checked.

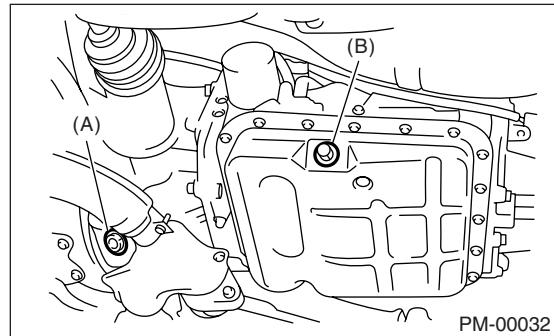
## B: REPLACEMENT

### 1. AUTOMATIC TRANSMISSION FLUID

1) Drain ATF (Automatic Transmission Fluid) by removing drain plug after allowing the engine to cool for 3 to 4 hours.

#### NOTE:

Before starting work, cool off the engine well.



- (A) Front differential drain plug
- (B) ATF drain plug

2) Reinstall the drain plug after draining ATF, and tighten it to the specified torque.

#### Tightening torque:

**25 N·m (2.5 kgf·m, 18.1 ft-lb)**

3) Fill ATF up to the middle of the "COLD" side on level gauge by using the gauge hole.

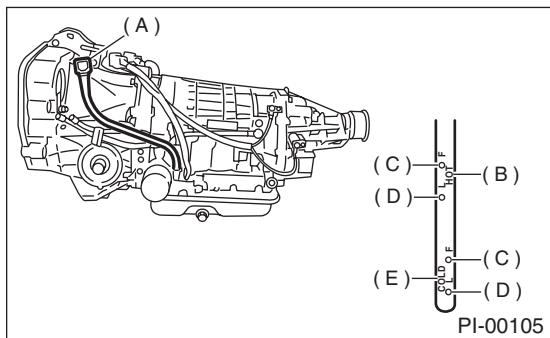
#### Recommended fluid:

**Dexron III type automatic transmission fluid**

#### Fluid capacity:

**Fill the same amount drained from ATF drain plug hole.**

4) Run the vehicle until the ATF temperature rises to 70 to 80°C (158 to 176°F) and check the ATF level.



- (A) Level gauge
- (B) "HOT" side
- (C) Upper level
- (D) Lower level
- (E) "COLD" side

## 2. ATF FILTER

### NOTE:

ATF filter is maintenance free part. ATF filter needs replacement, when it has physically damaged or ATF leaked.

For the replacement procedures of the ATF filter:  
<Ref. to AT-70, ATF Filter.>