

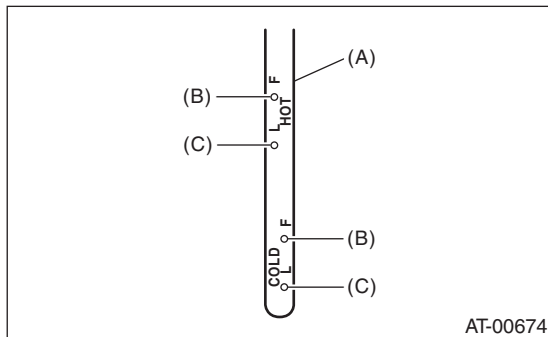
2. Automatic Transmission Fluid

A: INSPECTION

NOTE:

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

- 1) Raise the ATF temperature by driving a distance of 5 to 10 km (3 to 6 miles). Idle the engine to raise ATF temperature to 70 — 80°C (158 — 176°F) on SUBARU Select Monitor. <Ref. to 4AT(H4SO)-17, READ CURRENT DATA, OPERATION, Subaru Select Monitor.>
- 2) Make sure the vehicle is level.
- 3) After selecting all positions (P, R, N, D, 3, 2, 1), set the select lever in “P” range. Measure the ATF level with the engine idling for one or two minutes.



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

- 4) Make sure that ATF level is above the center of upper and lower marks at HOT side.

NOTE:

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.

- 5) If the ATF level is below the center between upper and lower marks, add the recommended ATF until the ATF level is found above the center between upper and lower marks.

CAUTION:

- Use care not to exceed the upper limit level.
- Remember that the addition of ATF to the upper limit mark when the transmission is cold will result in overfilling of ATF, causing a transmission failure.

- 6) Check ATF level after raising ATF temperature to 70 — 80°C (158 — 176°F) by running the vehicle or by idling the engine again.

- 7) Check the ATF for leaks.

Check for leaks in the transmission. If there are leaks, it is necessary to repair or replace gasket, oil seals, plugs or other parts.

B: REPLACEMENT

- 1) Lift-up the vehicle.
- 2) Drain the ATF completely.

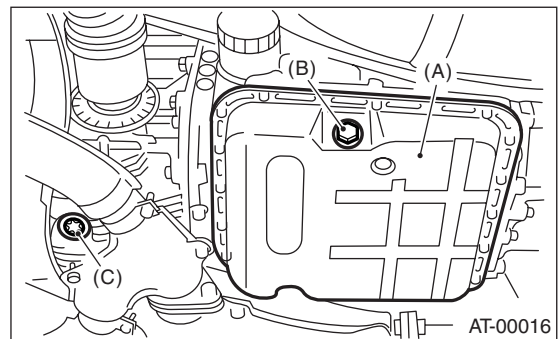
CAUTION:

Directly after the engine has been running, the ATF is hot. Be careful not to burn yourself.

- 3) Replace with a new gasket, and then tighten the drain plug (ATF).

Tightening torque:

25 N·m (2.5 kgf-m, 18.1 ft-lb)



- (A) Oil pan
- (B) Drain plug (ATF)
- (C) Differential gear oil drain plug

- 4) Lower the vehicle.
- 5) Pour ATF into the ATF charge pipe.

Recommended fluid:

Dexron III type automatic transmission fluid

Capacity:

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

Capacity when transmission is overhauled:

9.3 — 9.6 l (9.8 — 10.1 US qt, 8.2 — 8.4 Imp qt)

- 6) Check the level and leaks of ATF. <Ref. to 4AT-29, INSPECTION, Automatic Transmission Fluid.>