

Automatic Transmission Fluid

AUTOMATIC TRANSMISSION

2. Automatic Transmission Fluid

A: INSPECTION

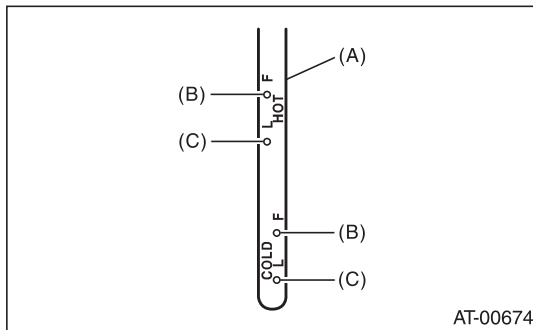
NOTE:

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

1) Raise the ATF temperature by driving a distance of 5 to 10 km (3 to 6 miles). Otherwise, idle the engine to raise ATF temperature to 70 — 80°C (158 — 176°F) on Subaru Select Monitor. <Ref. to 4AT(diag)-16, 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 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 level and lower level at HOT side.

If the ATF level is below the lower level, check for leaks in the transmission. If there are leaks, it is necessary to repair or replace gasket, oil seals, plugs or other parts.

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

CAUTION:

- Use care not to exceed the upper level.
- Remember that the addition of ATF to the upper limit mark when the transmission is cold will 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.

B: REPLACEMENT

1) Lift-up the vehicle.

2) Drain the ATF completely.

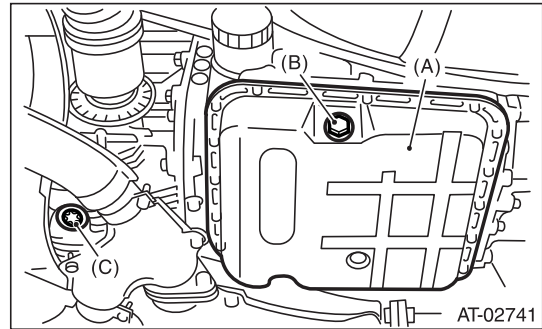
CAUTION:

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

3) Replace the gasket with new one, 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 from the oil charge pipe.

Recommended fluid:

EC, EK, EH model

SUBARU ATF (Part No. K0410Y0700) or IDEMITSU “Apoloil ATF HP”, Castrol “Transmax J”.

NOTE:

If it is impossible to get the ATF above, use the DEXRON III.

Except for EC, EK, EH model

SUBARU ATF (Part No. K0410Y0700) or IDEMITSU “Apoloil ATF HP”, Castrol “Transmax J”, DEXRON III.

Capacity:

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

Capacity when transmission is overhauled:

2.0 L Non-turbo model

8.4 — 8.7 ℓ (8.9 — 9.2 US qt, 7.4 — 7.7 Imp qt)

Except for 2.0 L Non-turbo model

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-32, INSPECTION, Automatic Transmission Fluid.>

7) Bleed the air of control valve.

<Ref. to 4AT-76, Air Bleeding of Control Valve.>