Oil level Check

> **NOTICE**
>
> ATF of 6 speed automatic transaxle doesn't be checked. But, if ATF drop out at some part of the automatic transaxle, perform oil level check procedure.

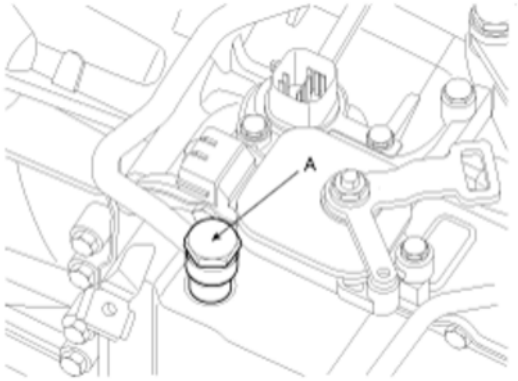
> **⚠ CAUTION**
>
> When checking the oil level, be careful not to enter dust, foreign matters, etc. from fill hole.

1. Remove the eyebolt (A).

   Eye bolt tightening torque:
   34.3~44.1 N.m (3.5~4.5 kgf.m, 25.3~32.6 lb-ft)

   > **⚠ CAUTION**
   >
   > The gasket of the eyebolt use new one.

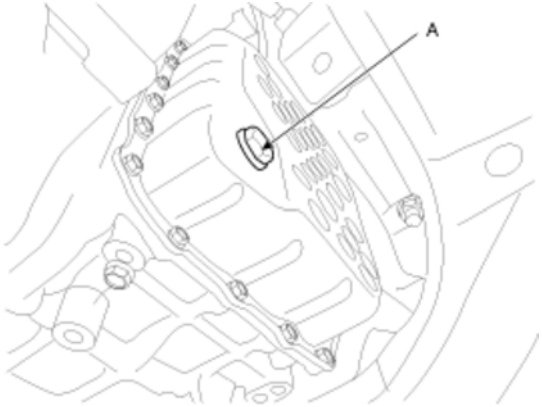
2. Add ATF SP-IV 700cc to the ATF injection hole.



3. Start the engine. (Don't step on brake and accelerator simultaneously.
4. Confirm that the temperature of the A/T oil temperature sensor is 50 ~ 60°C with the GDS.
5. Shift the select lever slowly from "P" to "D", then "D" to "P" and repeat one more at idle.

   > **⚠ CAUTION**
   >
   > Keep on each speed position more than 2 sec.

6. Lift the vehicle, then remove the oil level plug (A) from the valve body cover.



> **⚠ CAUTION**
>
> At this time, the vehicle must be a horizontal state

CAUTION

At this time, the vehicle must be a horizontal state.

7. If the oil stream becomes thin, the oil level is correct. Then finish the procedure and tighten the oil plug.

NOTICE

Oil level check (excess or shortage) method

- Excess: Drain quantity exceed 900cc for 2 minutes.(50 ~ 60°C)
- Shortage: No drain

CAUTION

If there is no damage at the automatic transaxle and the oil cooler, the oil cooler hose, transaxle case, valve body tightening state are normal, ATF must drop out after performing above 1 to 7 procedures. After performing above 1 to 7 procedures, if the oil doesn't drop out, inspect the automatic transaxle assembly.

CAUTION

The gasket of the oil level plug use new one.

Oil level plug tightening torque:
34.3 ~ 44.1 N.m (3.5 ~ 4.5 kgf.m, 25.3 ~32.6 lb-ft)

8. Put down the vehicle with the lift and then lock the oil filler cap. If the grip of cap is a vertical state, turn 90 degrees clockwise or counter clockwise when workers watch down the engine room in front of the vehicle.

Replacement

NOTICE

ATF of 6 speed automatic transaxle doesn't be replaced. But, if the vehicle is severe use or business use, replace ATF every 100,000km (General, Middle East), 90,000 km (Europe), 96,000 km (North America).
Severe usage is defined as

- Driving in rough road (Bumpy, Gravel, Snowy, Unpaved road, etc)
- Driving in mountain road, ascent/descent
- Repetition of short distance driving
- More than 50% operation in heavy city traffic during hot weather above 32°C
- Police, Taxi, Commercial type operation or trailer towing, etc

1. Remove the drain plug (A) and reinstall the drain plug after draining ATF totally.



Drain plug tightening torque:
34.3 ~ 44.1 N.m (3.5 ~ 4.5 kgf.m, 25.3 ~32.6 lb-ft)

CAUTION

34.3 ~ 44.1 N.m (3.5 ~ 4.5 kgf.m, 25.3 ~32.6 lb-ft)

⚠ CAUTION

The gasket of the drain plug use new one.

2. Fill the oil about 5 liters.
3. Check the oil level. (Refer to Oil level check procedure.)