

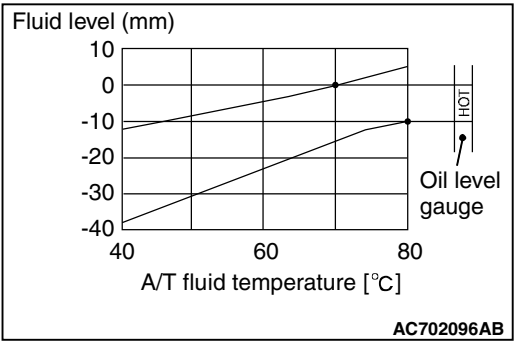
OPERATIONS AFTER ENGINE IS WARMED UP

E1. CHECK FLUID LEVEL IN AUTOMATIC TRANSMISSION

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1. Drive the vehicle until the A/T fluid temperature reaches the normal temperature (70 – 80°C).

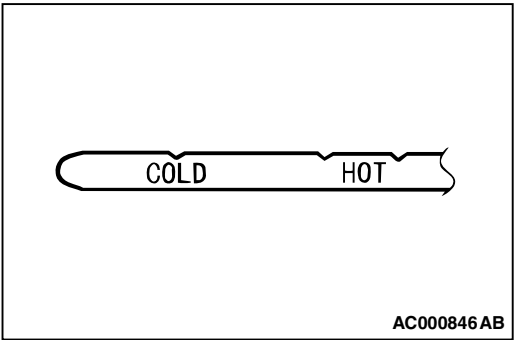
NOTE: Use M.U.T.-III. to measure the A/T fluid temperature.



NOTE: Check the fluid level referring to the characteristics chart shown if it takes some time to reach the normal operation temperature of A/T fluid (70 – 80 °C.)

2. Park the vehicle on a level surface.
3. Move the selector lever to all positions to fully charge the torque converter and the fluid lines with A/T fluid, and then move the selector lever to the P position.
4. After wiping away any dirt from around the oil level gauge, pull out the oil level gauge and check the level of A/T fluid.

NOTE: If the A/T fluid has a burnt smell, or if it has become very contaminated or dirty, it means that the A/T fluid has become contaminated by minute particles from bushings (metal) or worn parts. In such a case, the transmission needs to be overhauled and the A/T fluid cooler line needs to be flushed out.



5. Check that the A/T fluid level is between the HOT marks on the oil level gauge. If the A/T fluid level is too low, add more A/T fluid until the level reaches between the HOT marks.

Automatic transmission fluid: DIA QUEEN ATF SP III

NOTE: If the A/T fluid level is too low, the oil pump draws air into the system along with the A/T fluid, and air bubbles will thus form in the fluid circuit. This will cause a drop in fluid pressure and cause the shift points to change and the clutches and brakes to slip. If the A/T fluid level is too high, the gear will churn the A/T fluid and cause bubbles to develop, which can then cause the same problems as when the A/T fluid is too low. In either case, the air bubbles can cause overheating and oxidation of the A/T fluid, and also prevent the valves, clutches and brakes from operating normally. In addition, if bubbles develop in the A/T fluid, the A/T fluid can overflow from the transmission vent holes and be mistaken for leaks.

6. Securely re-insert the oil level gauge.

E2. CHANGE AUTOMATIC TRANSMISSION FLUID

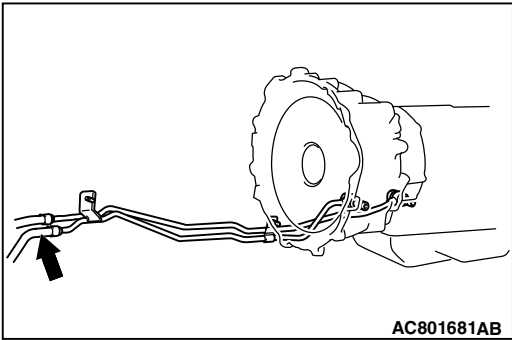
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Specifications

Automatic transmission fluid	Quantity	Remark
DIA QUEEN ATF SP III	9.7 L	V4A5A R4A5A V5A5A

CHANGE PROCEDURE

If you have an A/T fluid changer, use the A/T fluid changer to flush the A/T fluid. If you do not have an A/T fluid changer, follow the procedure given below.



1. Remove the hose shown in the illustration which allows the A/T fluid to flow from the A/T fluid cooler to the transmission.