 HYUNDAI NEW THINKING. NEW POSSIBILITIES. Technical Service Bulletin	GROUP AUTOMATIC TRANSMISSION	NUMBER 16-AT-004
	DATE APRIL 2016	MODEL Accent (RB), Azera (TG/HG), Elantra (UD/MD/GD/JK/AD), Santa Fe (CM/AN/NC), Sonata (YF/YF HEV) LF/LF HEV/PHEV, Tucson (LM/TL), Veloster Turbo (FS)
SUBJECT:	AUTOMATIC TRANSAXLE (6-SPEED) ATM FLUID LEVEL CHECK	

This TSB supersedes TSB 13-AT-006 to include 2016~17 models

Description: The following vehicles are equipped with a 6-speed automatic transmission. The ATF level must be checked by the following procedure:

NOTICE

Use only ATF meeting the SP-IV specification approved by Hyundai. DO NOT use SP-III or other ATF which may result in degradation of shift quality or transaxle durability.

Applicable Vehicles:

Accent	2012~ Accent (RB)
Azera	2011 Azera (TG), 2012~ Azera (HG)
Elantra	2011~16 Elantra (MD/UD), 2013~ Elantra GT (GD), 2013~14 Elantra Coupe (JK), 2017~ Elantra (AD)
Santa Fe	2010~12 Santa Fe (CM), 2013~ Santa Fe (AN/NC)
Sonata	2011~14 Sonata (YF), 2011~15 Sonata Hybrid (YF HEV), 2015~ Sonata (LF), 2016~ Sonata (LF HEV/PHEV)
Tucson	2010~15 Tucson (LM), 2016~ Tucson 2.0L (TL)
Veloster	2013~14 Veloster 1.6L Turbo (FS)

PARTS INFORMATION:

PART NAME	DESCRIPTION	PART NUMBER
Hyundai SP4-M	SP4-M Automatic Transmission Fluid	00232-19057

WARRANTY INFORMATION: Normal warranty applies

SERVICE PROCEDURE:

1. If the ATF has been completely drained, add approximately 5 quarts of SPH-IV ATF.
2. Attach a GDS and select:
 - **Data Analysis**
 - **A/T** menu
 - **Oil Temperature Sensor**

Sensor Name(27)	Value	Unit	Link Up
Oil Temperature Sensor	124	F	
Input Speed(PG-A)	63	RPM	
Output Speed(PG-B)	0	RPM	
Shift Lever Switch	D	-	
Current Gear	1	-	
Next Gear Position	1	-	

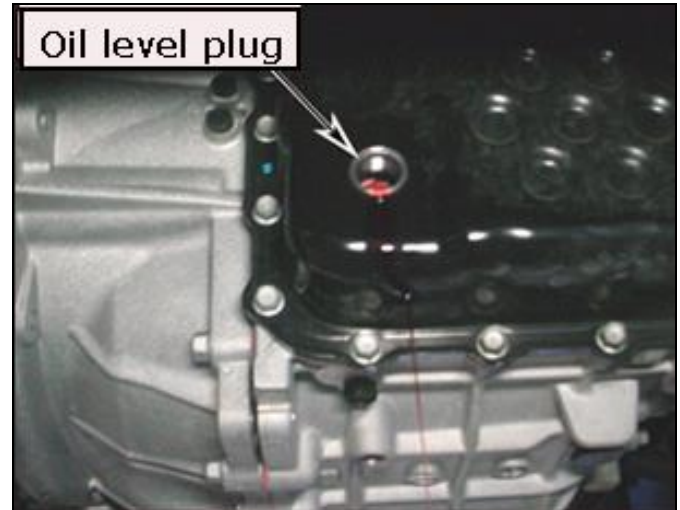
3. Drive the vehicle until the fluid temperature is at the low end of the range of **122~140°F (50~60°C)**.
4. Step on the brake and then shift into “R”, “N” and “D” and back, pausing 2~3 seconds in each range. Repeat two times.

Move the shift lever to P, leave the engine running (Sonata Hybrid in “EV Ready” mode) and lift the vehicle on a hoist.



5. Remove the splash shield under the transmission.

- Remove the oil level checking plug. The oil level is correct if ATF flows out in a thin steady stream. If no oil flow occurs, go to Step 7.



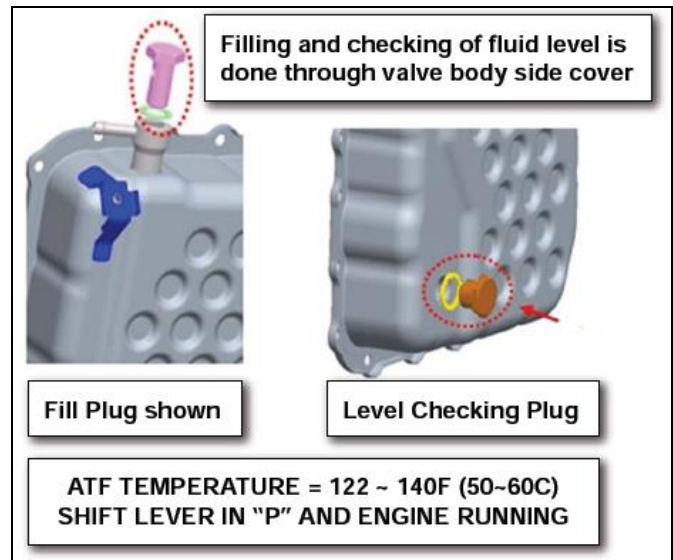
ATF Temperature = 122-140F (50~60C)
Shift lever in "P" and engine running
HEV in "EV Ready" mode

- If no oil flow occurs, add SP4-M ATF through the fill plug opening or use a suction gun to add ATF through the level checking plug. Reinstall the plug.

When the ATF is 122°F~140°F (50~60°C), remove the level checking plug. The level is correct when oil flows out of the level checking plug in a thin steady stream.

*** NOTE**

Collect and dispose of any excess fluid in accordance with local regulations.



- Reinstall the overflow plug and torque to specification.

Steel pan: Torque: 25~32 lb-ft (3.5~4.5 kgf.m)
Plastic pan: Turn plug past detent.