

**HYUNDAI**NEW THINKING.
NEW POSSIBILITIES.**Technical Service Bulletin**

GROUP

CAMPAIGN

NUMBER

16-01-012

DATE

MARCH 2016

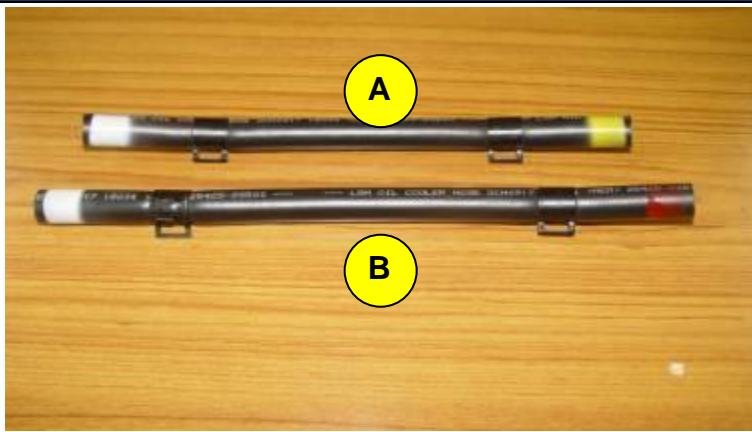
MODEL

TUCSON (LM)**SUBJECT:** AUTOMATIC TRANSAXLE OIL COOLER HOSE REPLACEMENT
(RECALL #139)*** IMPORTANT******* Retail Vehicles Only *****

Dealers must perform this Recall Campaign whenever an affected vehicle is in the shop for any maintenance or repair.

When a vehicle arrives at the Service Department, access Hyundai Motor America's "Warranty Vehicle Information" screen via WEBDCS to identify open Campaigns.

Description: This bulletin describes the procedure to install replacement oil cooler hoses on the affected vehicles. The subject vehicles are equipped with automatic transmission fluid cooler hoses that may have been improperly manufactured, resulting in transmission fluid leaking from the hose. If enough fluid is lost, the loss of hydraulic pressure to the transmission could cause reduced vehicle mobility, increasing the risk of a crash.**Applicable Vehicles:** Certain 2011 MY Tucson (LM) with automatic transaxles**Parts Information:**

Part Name	Description	Remark
A/T oil cooler hose		- Yellow/Red mark: A/T side - White mark: Radiator side
	New Part Number	Description
	25420-2S500-QQH (A)	Feed hose (IN)
	25425-2S500-QQH (B)	Return hose (OUT)

Warranty Information:

Model	Op. Code	Operation	Op. Time
Tucson (LM)	60C008R0	A/T Oil cooler hose replacement	0.5

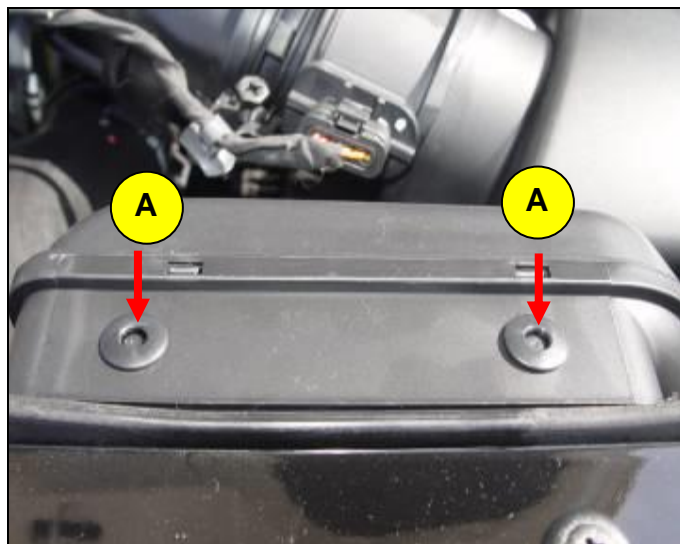
NOTE: Submit claim on Campaign Claim Entry screen.

Circulate To: Service Manager, Warranty Manager, Service Advisors, Technicians, Fleet Repair

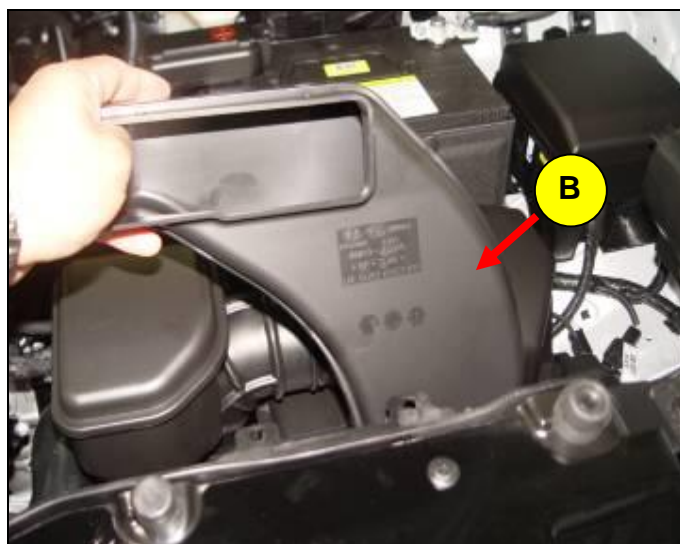
SERVICE PROCEDURE:

1. Open the hood.

Use a screwdriver to press on the center tab (A) and remove the air duct mounting clips.

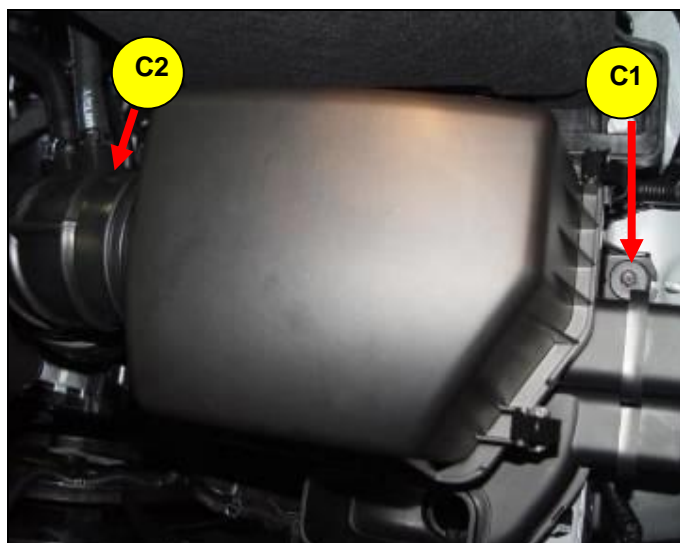


2. Remove the air duct (B).



3. Use a 10mm socket and remove the air cleaner mounting bolt (C1).

Use a 10mm socket to loosen the clamp for the air intake hose (C2).



- Pull up on the air cleaner and move the air cleaner aside.



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CAUTION

Place a shop towel under the hoses on the radiator side to prevent oil spillage on the surrounding parts



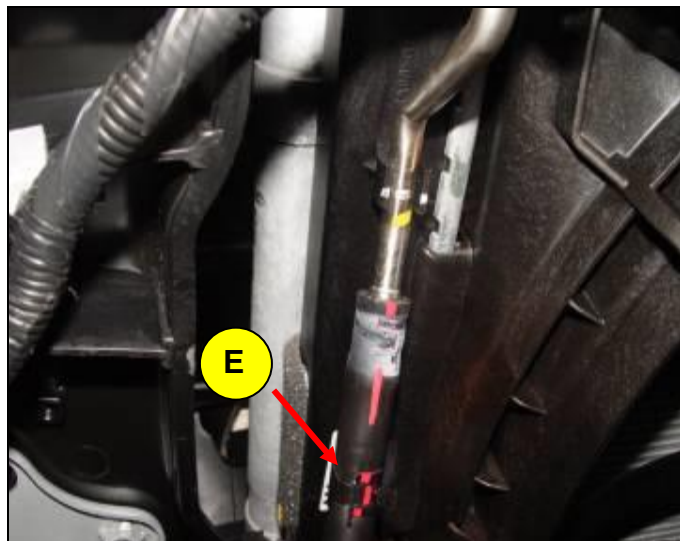
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Slide the clamps (D) of both oil cooler hoses (Yellow and Red) on the transaxle side.



7. Use pliers to release the clamps of the oil cooler hoses (White) on the radiator side.

Slide the clamps down the hose to location (E) and remove the hoses.

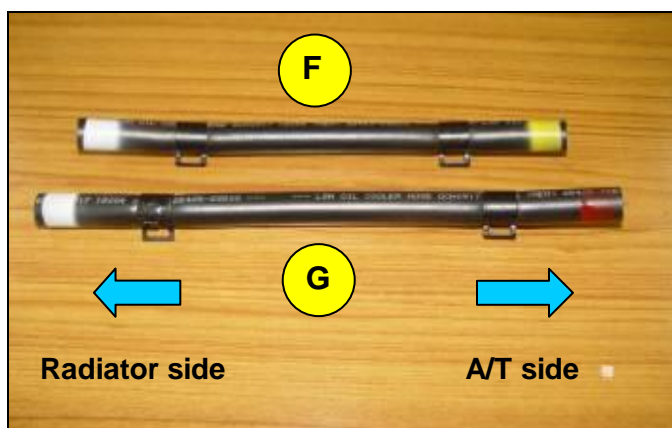


8. When installing new oil cooler hoses, match color markings on the transaxle side oil tube end.

- Feed tube (F): Yellow
- Return tube (G): Red

NOTICE

Apply ATF on the end portion of the new oil cooler hoses to easily install them to the pipe.



9. Connect the new oil cooler hoses to the corresponding pipes at the transaxle and then install the clamps.

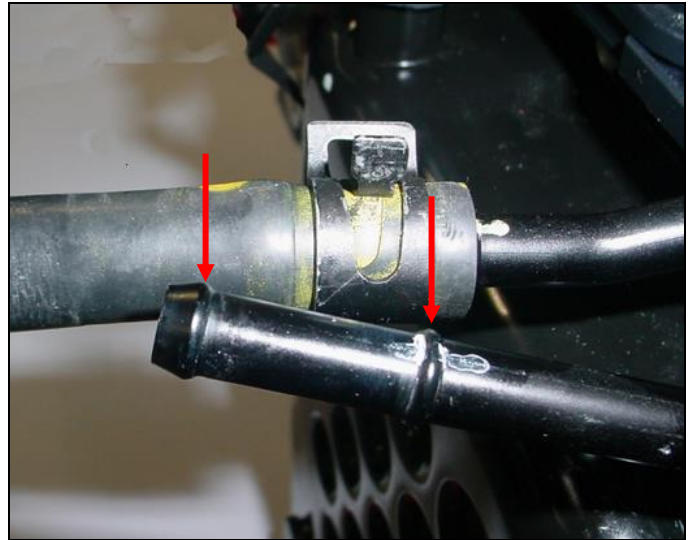
Connect the new oil cooler hoses (white) to the radiator side and install the clamps.



10. Confirm the clamps are located between the nipples of the pipe as shown by the arrows to secure the new oil cooler hoses.

CAUTION

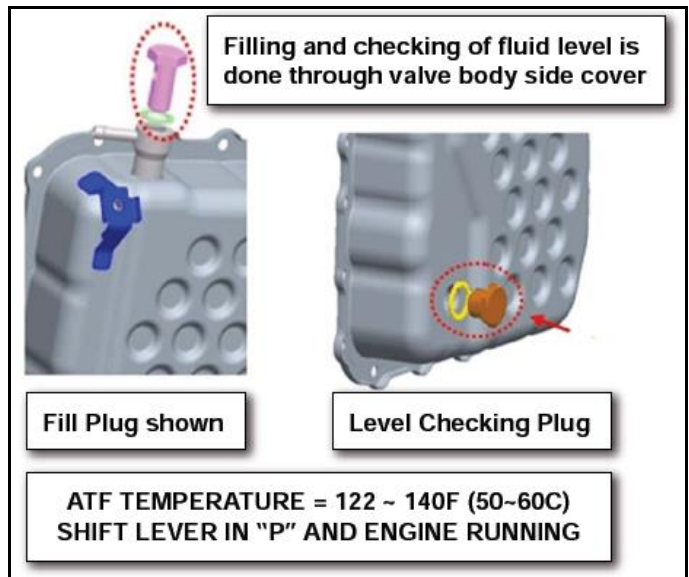
An oil leak may occur if the clamp is not placed the exact position shown.



11. Reinstall all the removed parts in the reverse order of removal.
 12. Start the engine and check for leaks.
 13. Connect a GDS and select vehicle, **AT** menu, **Data Analysis** and **Oil Temperature Sensor**.

Start the engine and confirm the shift lever is in Park. 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. If not, add approximately 0.5 quart's of SPH-IV to the fill plug and reinstall the fill plug. Repeat Step 12. Reinstall the level checking plug.

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



14. Drive the vehicle to confirm the transmission is operating as designed.