	GROUP	MODEL
	FUE	**2014-2015MY Sorento (XMa)**
	NUMBER	DATE
	033	**January 2017**

TECHNICAL SERVICE BULLETIN

SUBJECT: FILL LEVEL LIMIT VALVE REPLACEMENT

This bulletin provides information related to the fill level limit valve (FLLV) replacement on some Sorento (XMa) vehicles, produced from December 17, 2012 to December 11, 2014, which may exhibit a Malfunction Indicator Light (MIL) illuminated in the Electronic Control Module (ECM) with system-related DTC: P0455. To correct this concern, follow the procedure outlined in this bulletin. Replacement of fuel tank is not necessary.

P0455: Evaporative Emission System-Leak Detected (Large Leak)



Fill Level Limit Valve

File Under: <Fuel>

Circulate To: ☒ **General Manager** ☒ **Service Manager** ☒ **Parts Manager**

☒ **Service Advisors** ☒ **Technicians** ☒ **Body Shop Manager** ☒ **Fleet Repair**

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⚠ WARNING

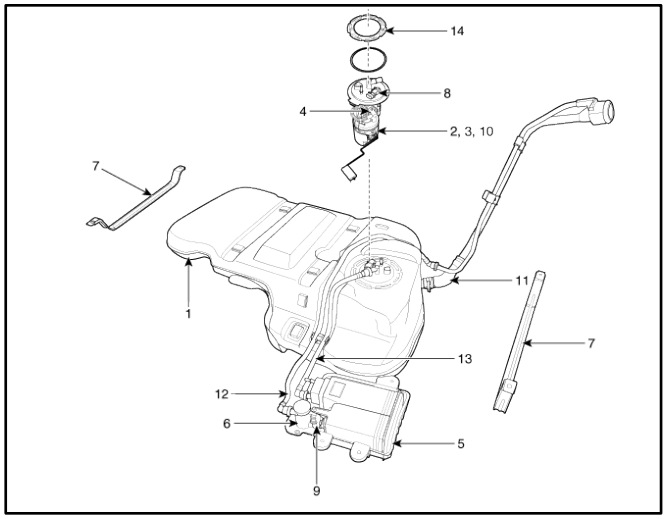
Fuel vapors are flammable. Death or serious injury can result if they are ignited. Make sure there are no open flames or smoking in the area of the repair. Adequate ventilation is necessary to prevent a build-up of fumes which could ignite, causing fire or explosion.

Service Procedure:

1. Remove the fuel pump assembly by referring to "Engine Control / Fuel System → Fuel Delivery System → Fuel Pump → Repair Procedures" chapter in the applicable Workshop Manual.

★ NOTICE

Optimum fuel level to perform this repair is approximately half tank or less.



2. Carefully reach through the opening (A) of the fuel tank to locate the FLLV (B).

⚠ WARNING

Use protection against the sharp edge of the opening (A) to prevent personal injury.

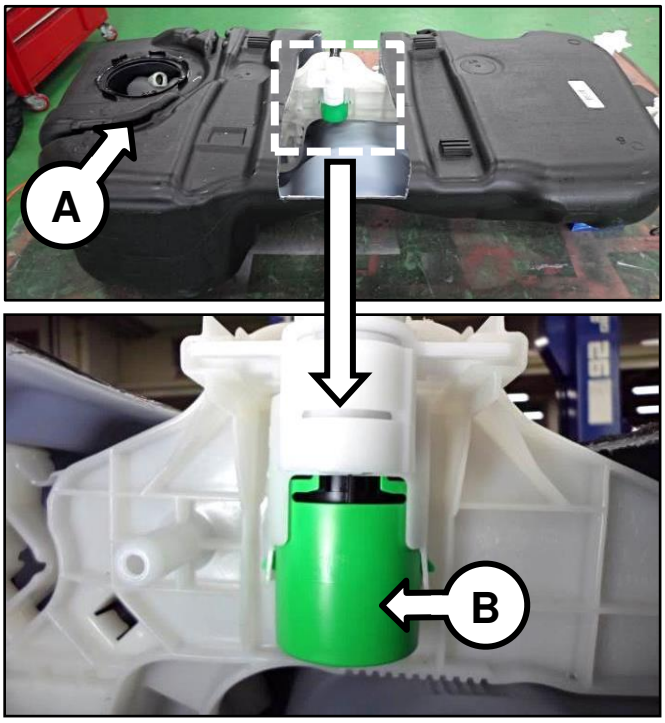
★ NOTICE

Click here to watch a video tutorial of the FLLV removal and installation.

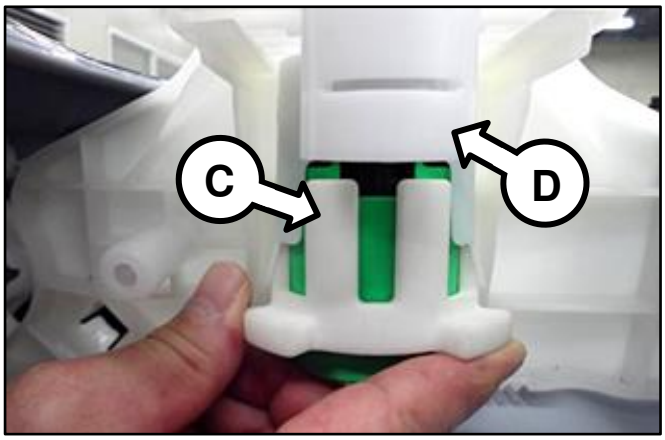
★ NOTICE

The fuel tank shown was removed from the vehicle and cut open to expose the FLLV for demonstration purposes only.

The green-colored FLLV shown is for demonstration purposes only. Color of removed FLLV may vary.

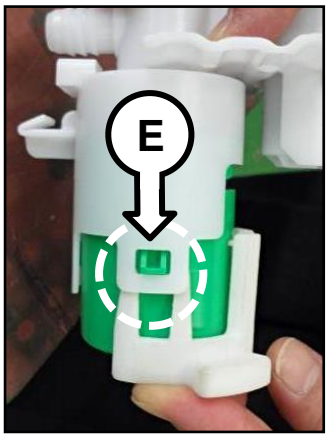


3. Align the SST 07300 10200 (C) with the FLLV retainer (D) and attach it to the valve until a snap is heard or felt. Slightly shift the tool side to side to ensure that it is secured.

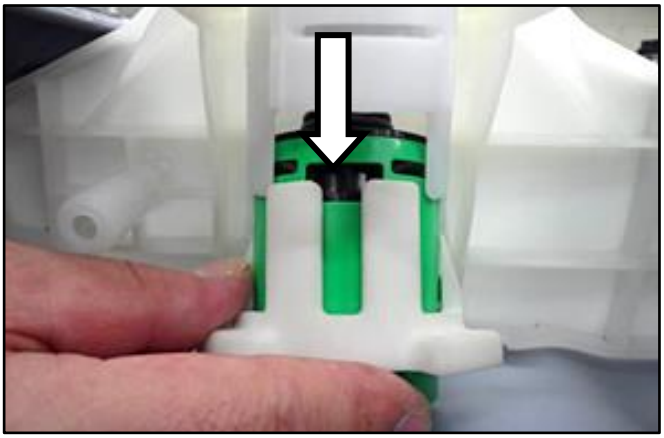


★ NOTICE

When attaching the SST 07300 10200 to the FLLV, be sure to properly align the SST under the locking clip (E) on both sides as shown.



4. Once the SST 07300 10200 is secured, pull down on the FLLV and SST to remove.



5. Insert the new FLLV with the guide pin (F) facing towards the front of the vehicle.



★ NOTICE

Make sure a snap is heard or felt to ensure proper installation of the FLLV. Failure to do so will result in a repeat repair.

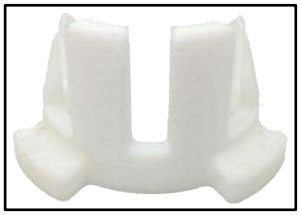
6. Reinstall all removed components in the reverse order of removal.

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AFFECTED VEHICLE RANGE:

Model	Production Date Range
Sorento (XMa)	December 17, 2012 to December 11, 2014

REQUIRED TOOL:

Tool Name	Tool Number	Figure
FLLV Remover	SST 07300 10200	

REQUIRED PART:

Part Name	Part Number	Figure
Fill Level Limit Valve	31195 4Z000FFF	

WARRANTY INFORMATION:

Claim Type	Causal P/N	Qty.	N Code	C Code	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
W	31195 4Z000	0	B18	ZZ1	Fill Limit Level Valve Replacement	31195F01	1.0 M/H	31195 4Z000FFF	1