 <b>HYUNDAI</b> <b>Technical Service Bulletin</b>	<b>GROUP</b> <b>CAMPAIGN</b>	<b>NUMBER</b> <b>17-01-052</b>
	<b>DATE</b> <b>DECEMBER 2017</b>	<b>MODEL(S)</b> <b>ELANTRA (MD/UD)</b> <b>ELANTRA GT (GD)</b> <b>ELANTRA COUPE (JK)</b>
<b>SUBJECT:</b>	<b>ECM UPDATE – FUEL VOLUME CONTROL LOGIC (SERVICE CAMPAIGN 951)</b>	

**★ IMPORTANT**

**\*\*\* Retail Vehicles Only \*\*\***

Dealers must perform this Service 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.

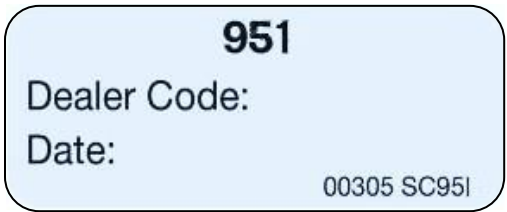
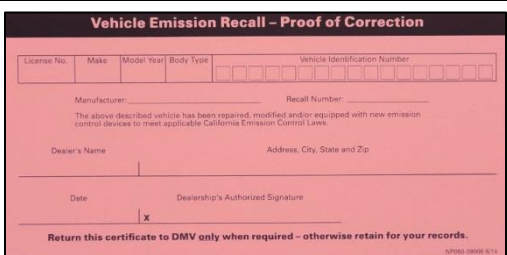
**Description:**

This bulletin provides instructions related to an Electronic Control Module (ECM) software update to revise the fuel volume control logic. The ECM update is only emissions related. The update is for the applicable models listed below with SULEV emissions certifications only.

**Applicable Vehicles:**

2011-2016MY Elantra (MD/UD) 1.8L - SULEV  
 2013MY Elantra GT (GD) 1.8L - SULEV  
 2013MY Elantra Coupe (JK) 1.8L - SULEV

**Part Information:**

Part Name	Part Number	Qty.	Figure
Campaign Sticker	00305-SC951	1	
Vehicle Emission Recall-Proof of Correction Card	NP050-09006	1	

Circulate To: General Manager, Service Manager, Parts Manager, Warranty Manager, Service Advisors, Technicians, Body Shop Manager, Fleet Repair

**SUBJECT:****ECM UPDATE – FUEL VOLUME CONTROL LOGIC  
(SERVICE CAMPAIGN 951)****Warranty Information:**

Model	Op. Code	Operation	Op. Time	Causal Part	Nature	Cause
Elantra (MD/UD) Elantra GT (GD) Elantra Coupe (JK)	70C047R0	ECM UPDATE	0.4 M/H	00305-SC951	I73	ZZ3

**NOTE 1: Submit Claim on Campaign Claim Entry Screen.**

**NOTE 2: If a part is found in need of replacement while performing Service Campaign 951 and the affected part is still under warranty, submit a separate warranty claim using the same Repair Order. If the affected part is out of warranty, submit a Prior Approval Request for goodwill consideration prior to performing the work.**

**GDS Information:**

System Selection: **ENGINE (ECM)**

Event #	Description
<b>446*</b>	<b>MD/UD 1.8MPI SULEV - FUEL VOLUME CONTROL LOGIC IMPROVEMENT</b>
<b>447*</b>	<b>GD 1.8MPI SULEV - FUEL VOLUME CONTROL LOGIC IMPROVEMENT</b>
<b>448*</b>	<b>JK 1.8MPI SULEV - FUEL VOLUME CONTROL LOGIC IMPROVEMENT</b>

(\* Use the latest event that appears in the GDS ECU Auto Mode event list for the particular vehicle)

**NOTE:** Refer to TSB **15-GI-001** for the tablet-based Mobile GDS ECU update procedures.

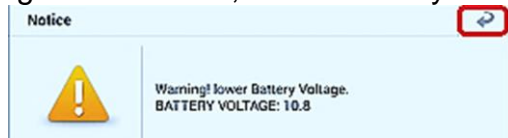
**NOTICE**

**You must initially perform GDS ECU Update in Auto Mode.**

- If the ECU Update starts but then fails in Auto Mode, perform the update in Manual Mode to recover.

**WARNING****GDS Vehicle Battery Voltage Warning:**

If voltage is below 12 volts as per the below GDS warning, then select **Back** and run the engine at least 20 minutes to ensure an adequate battery state of charge for reliable update results. Turn ignition back on, and then retry the ECU update again.



**ROM ID INFORMATION TABLE:**

MODEL	MY	IMMO	ECU P/N	ROM ID	
				OLD	NEW
Elantra (MD/UD) 1.8MPI SULEV	11MY	IMMO	39101-2EMA0	MD1SP1MS294B MD1SP1MS294C MD1SP1MS294D MD1SP1MS294E MD1SP1MS296A MD1SP1MF2E3A MD1SP1MF2EAA	MD1SP1MF2ECB
		NON IMMO	39103-2EMA0	MD1SP1NS294B MD1SP1NS294C MD1SP1NS294D MD1SP1NS294E MD1SP1NS296A MD1SP1NF2E3A MD1SP1NF2EAA	MD1SP1NF2ECB
	12MY	IMMO	39101-2EMA2 39101-2EMN2	MD2SP1MS2B0A MD2SP1MS2B4A MD2SP1MS2B4B MD2SP1MS2B4C MD2SP1MS2B7A MD2SP1MF2E3A MD2SP1MF2EAA	MD2SP1MF2ECB
		NON IMMO	39103-2EMA2 39103-2EMN2	MD2SP1NS2B0A MD2SP1NS2B4A MD2SP1NS2B4B MD2SP1NS2B4C MD2SP1NS2B7A MD2SP1NF2E3A MD2SP1NF2EAA	MD2SP1NF2ECB
	13MY	IMMO	39101-2EMA3 39101-2EMN3	MD3SP1MS2D2A MD3SP1MS2D2B MD3SP1MS2D8A MD3SP1MS2E3A MD3SP1MF2EAA	MD3SP1MF2ECB
		NON IMMO	39103-2EMA3 39103-2EMN3	MD3SP1NS2D2A MD3SP1NS2D2B MD3SP1NS2D8A MD3SP1NS2E3A MD3SP1NF2EAA	MD3SP1NF2ECB

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MODEL	MY	IMMO	ECU P/N	ROM ID	
				OLD	NEW
Elantra (MD/UD) 1.8MPI SULEV	14MY	IMMO	39101-2EMA4 39101-2EMK4	MD4SP1MS2F3A MD4SP1MS2G0A MD4SP1MS2G0B MD4SP1MS2G0C MD4SP1MS2G2A MD4SP1MF2G3A	MD4SP1MF2G3B
			39101-2EMP4 39101-2EMS4	MD4SP1MS2G3A MD4SP1MF2G3A	MD4SP1MF2G3B
		NON IMMO	39103-2EMA4 39103-2EMK4 39103-2EMV5 39103-2EMX5	MD4SP1NS2F3A MD4SP1NS2G0A MD4SP1NS2G0B MD4SP1NS2G0C MD4SP1NS2G2A MD4SP1NF2G3A	MD4SP1NF2G3B
			39103-2EMP4 39103-2EMS4	MD4SP1NS2G3A MD4SP1NF2G3A	MD4SP1NF2G3B
	15MY	IMMO	39101-2EMA5 39101-2EMK5 39101-2EMV5 39101-2EMX5	MD5SP1MS2G3A MD5SP1MF2G3A	MD5SP1MF2G3B
		NON IMMO	39103-2EMA5 39103-2EMK5 39103-2EMV5 39103-2EMX5	MD5SP1NS2G3A MD5SP1NF2G3A	MD5SP1NF2G3B
	16MY	IMMO	39101-2EMA6 39101-2EMK6	MD6SP1MS2H3A MD6SP1MS2H3B	MD6SP1MF2H3A

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MODEL	MY	IMMO	ECU P/N	ROM ID	
				OLD	NEW
Elantra GT (GD) 1.8MPI SULEV	13MY	IMMO	39101-2EGA3	GD3SP1MS2D4A GD3SP1MS2D4B GD3SP1MS2D8A GD3SP1MS2E3A GD3SP1MF2EAA GD3SP1MF2EBA	GD3SP1MF2ECA
		NON IMMO	39103-2EGA3	GD3SP1NS2D4A GD3SP1NS2D4B GD3SP1NS2D8A GD3SP1NS2E3A GD3SP1NF2EAA GD3SP1NF2EBA	GD3SP1NF2ECA
Elantra Coupe (JK) 1.8MPI SULEV	13MY	IMMO	39101-2EJA3	JK3SP1MS2D2A JK3SP1MS2D2B JK3SP1MS2D4A JK3SP1MS2D8A JK3SP1MS2E3A JK3SP1MF2EAA JK3SP1MF2EBA	JK3SP1MF2ECA
		NON IMMO	39103-2EJA3	JK3SP1NS2D2A JK3SP1NS2D2B JK3SP1NS2D4A JK3SP1NS2D8A JK3SP1NS2E3A JK3SP1NF2EAA JK3SP1NF2EBA	JK3SP1NF2ECA

**NOTE:** IMMO = Start Stop Button, NON IMMO = Key Start

**SUBJECT:****ECM UPDATE – FUEL VOLUME CONTROL LOGIC  
(SERVICE CAMPAIGN 951)****MANUAL MODE PASSWORD INFORMATION TABLE:**

<b>EVENT #</b>	<b>MENU</b>	<b>PASSWORD</b>
#446	MD/UD 1.8MPI NON IMMO 39103-2EMA0	0320
	MD/UD 1.8MPI NON IMMO 39103-2EMA2/N2	0322
	MD/UD 1.8MPI NON IMMO 39103-2EMA3/N3	0323
	MD/UD 1.8MPI NON IMMO 39103-2EMA4/K4/V5/X5/P4/S4	0324
	MD/UD 1.8MPI NON IMMO 39103-2EMA5/K5/V5/X5	0325
	MD/UD 1.8MPI IMMO 39101-2EMA0	0120
	MD/UD 1.8MPI IMMO 39101-2EMA2/N2	0122
	MD/UD 1.8MPI IMMO 39101-2EMA3/N3	0123
	MD/UD 1.8MPI IMMO 39101-2EMA4/K4/P4/S4	0124
	MD/UD 1.8MPI IMMO 39101-2EMA5/K5/V5/X5	0125
	MD/UD 1.8MPI IMMO 39101-2EMA6/K6	0126
#447	GD 1.8MPI NON IMMO 39103-2EGA3	0323
	GD 1.8MPI IMMO 39101-2EGA3	0123
#448	JK 1.8MPI NON IMMO 39103-2EJA3	0323
	JK 1.8MPI IMMO 39101-2EJA3	0123

**NOTE:** IMMO = Start Stop Button, NON IMMO = Key Start

**For vehicles registered in California, Connecticut, Delaware, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington:**

**VEHICLE EMISSION RECALL - PROOF OF CORRECTION CARD**

A Vehicle Emission Recall - Proof of Correction card must be filled out for all vehicles registered in California, Connecticut, Delaware, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington. Residents of these states, who own an affected vehicle, will be required to possess a Vehicle Emission Recall - Proof of Correction card as evidence of voluntary service campaign completion, when they apply for vehicle registration renewal.

**WHAT TO DO WITH THE CARD:**

The Vehicle Emission Recall - Proof of Correction card must be completed by the Dealership's Service Manager using a permanent ink pen. A fine point pen is recommended. When filling in the information, copy the information directly from the vehicle, not from the repair order. ALL INFORMATION MUST BE PRINTED AND NEAT.

The copy of the card shown below indicates the areas to be filled in. Each area must be filled in.

**The completely filled out Vehicle Emission Recall - Proof of Correction card should be given to the owner of the vehicle upon completion of the Campaign.**

1. Enter Vehicle's License Number

2. Enter "Hyundai"

3. Enter Model Year

4. Enter "ELANTRA, ELANTRA GT or ELANTRA COUPE"

5. Enter the vehicle's VIN Number

6. Enter "951"

7. Enter Dealership Name

8. Enter Dealership's Address. NOTE: Enter the physical address, not the mailing address (not a P.O. Box)

9. Enter Date of Repair

10. Service Manager Sign Here

**Fill in the information on the 00305-SC951 Campaign Sticker and apply onto the hood in the area below the Emission Label as shown.**

**Be sure to clean the mounting surface to ensure proper label adhesion.**

**The campaign procedure is complete.**

