 <b>HYUNDAI</b> <b>Technical Service Bulletin</b>	GROUP <b>Campaign</b>	NUMBER <b>21-01-064H</b>
	DATE <b>November, 2021</b>	MODEL(S) <b>Elantra (AD/ADa)</b>
<b>SUBJECT:</b>	ECM SOFTWARE UPDATE – OBD-II FUEL SYSTEM READINESS MONITOR DIAGNOSIS (SERVICE CAMPAIGN 968)	

**\* IMPORTANT**

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

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

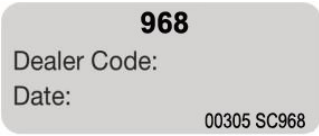
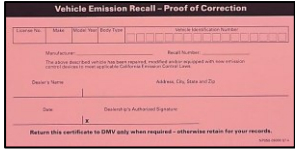
When a vehicle arrives at the Service Department, access Hyundai Motor America's "Warranty Vehicle Information screen (VIS)" via WEBDCS to identify open Campaigns.

**Description:**

This bulletin provides information related to an Electronic Control Module (ECM) software update to revise control logic for completion of OBD-II Fuel System Readiness Monitor diagnosis.

**Applicable Vehicle:** Certain 2017 ~ 2019MY Elantra (AD/ADA) equipped with 2.0L engine.

**Parts Information:**

Part Name	Part Number	Qty.	Figure	Remarks
Campaign Sticker	00305-SC968	1		Apply to all vehicles regardless of state
Vehicle Emission Recall-Proof of Correction Card	NP050-09006	1		Order only for States: CA, CT, DE, MA, MD, ME, NJ, NY, OR, PA, RI, VT, WA

**Note:** Dealers have been sent 10 campaign stickers for the start of this campaign. Additional can be ordered through its facing PDC.

**Warranty Information:**

Model	Op. Code	Operation	Op. Time	Causal Part	Nature	Cause
Elantra (AD/ADA)	10D057R1	ECM UPGRADE, STICKER, & PROOF CARD	0.4 M/H	39171-2EFC0	I3T	ZZ3

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

**NOTE 2:** If a part that is not covered by this campaign is found in need of replacement while performing Service Campaign 968 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.

**SUBJECT: ECM SOFTWARE UPDATE – OBD-II FUEL SYSTEM READINESS MONITOR DIAGNOSIS (SERVICE CAMPAIGN 968)**

**GDS Information:**

System Selection: **ENGINE CONTROL MODULE (ECM)**

Event #	Description
<b>688*</b>	AD(A) 2.0 ATK OBD FUEL SYSTEM READINESS DIAGNOSIS IMPROVEMENT

(\*or use a later available event as listed in the GDS-M ECU Update screen if one is available.)

**Service Procedure:**

1. Perform GDS Mobile software update per TSB **15-GI-001**.
2. After successful completion of **ECM software update**, check for Diagnostic Trouble Codes in **ALL** menus and erase any DTC.
3. Confirm normal vehicle operation.

**NOTICE**

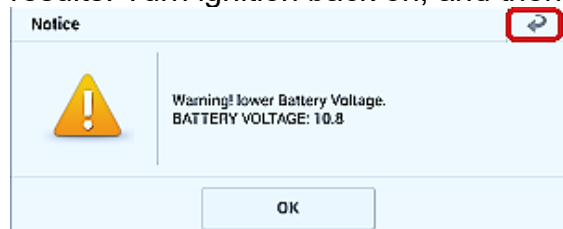
**You must initially perform GDS-M ECM Update in Auto Mode.**

If the ECM 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.



**SUBJECT:****ECM SOFTWARE UPDATE – OBD-II FUEL SYSTEM READINESS  
MONITOR DIAGNOSIS (SERVICE CAMPAIGN 968)****ECM ROM ID Information Table:**

MODEL	TM	EMISSION	IMMO.	PCM P/No.	ROM ID	
					OLD	NEW
17MY Elantra (AD/ADA) 2.0L	6AT	SULEV	+IMMO	39171-2EFB0 39171-2EFD0	AD7SP2AS655A	AD7SP2AF65EB
					AD7SP2AS657A	
		AD7SP2AS657B				
		AD7SP2AS65AA				
	SULEV	-IMMO	39173-2EFB0 39173-2EFD0	AD7SP2AS65DA		
				AD7SP2AF65DA		
	SULEV	-IMMO	39173-2EFB0 39173-2EFD0	AD7SP2US655A	AD7SP2UF65EB	
				AD7SP2US657A		
SULEV	-IMMO	39173-2EFB0 39173-2EFD0	AD7SP2US657B			
			AD7SP2US65AA			
ULEV	+IMMO	39171-2EFC0 39171-2EFE0	AD7SP2US65DA			
			AD7SP2UF65DA			
ULEV	+IMMO	39171-2EFC0 39171-2EFE0	AD7SP2AF65DA			
			AD7SP2AF65EA			
6MT	ULEV	+IMMO	39175-2EFC0	AD7UP2AS655A	AD7UP2AF65EB	
				AD7UP2AS657A		
	ULEV	-IMMO	39173-2EFC0 39173-2EFE0	AD7UP2AS657B		
				AD7UP2AS65AA		
ULEV	-IMMO	39173-2EFC0 39173-2EFE0	AD7UP2AS65DA			
			AD7UP2AF65DA			
ULEV	-IMMO	39173-2EFC0 39173-2EFE0	AD7UP2AF65EA			
			AD7UP2UF65EA			
ULEV	+IMMO	39175-2EFC0	AD7UP2US655A	AD7UP2UF65EB		
			AD7UP2US657A			
ULEV	+IMMO	39175-2EFC0	AD7UP2US657B			
			AD7UP2US65AA			
ULEV	-IMMO	39177-2EFC0	AD7UP2US65DA			
			AD7UP2UF65DA			
ULEV	-IMMO	39177-2EFC0	AD7UP2VF65DA			
			AD7UP2VF65EA			

**ECM ROM ID Information Table:**

MODEL	TM	EMISSION	IMMO.	PCM P/No.	ROM ID		
					OLD	NEW	
18MY Elantra (AD/ADA) 2.0L	6AT	SULEV	+IMMO	39171-2EFB2 39171-2EFD2	AD8SP2AS673A AD8SP2AS673B AD8SP2AS673C AD8SP2AS673D AD8SP2AF676A	AD8SP2AF676B	
		SULEV	-IMMO	39173-2EFB2 39173-2EFD2	AD8SP2US673A AD8SP2US673B AD8SP2US673C AD8SP2US673D AD8SP2UF676A	AD8SP2UF676B	
		ULEV	+IMMO	39171-2EFC2 39171-2EFE2	AD8UP2AS673A AD8UP2AS673B AD8UP2AS673C AD8UP2AS673D AD8UP2AF676A	AD8UP2AF676B	
		ULEV	-IMMO	39173-2EFC2 39173-2EFE2	AD8UP2US673A AD8UP2US673B AD8UP2US673C AD8UP2US673D AD8UP2UF676A	AD8UP2UF676B	
	6MT	ULEV	+IMMO	39175-2EFC2	AD8UP2CS673A AD8UP2CS673B AD8UP2CF676A	AD8UP2CF676B	
		ULEV	-IMMO	39177-2EFC2	AD8UP2VS673A AD8UP2VS673B AD8UP2VF676A	AD8UP2VF676B	
	19MY Elantra (AD/ADA) 2.0L	6AT	SULEV	+IMMO	39171-2EFB5 39171-2EFD5	AD9SP2AS694A AD9SP2AS695A AD9SP2AS697A AD9SP2AF698A	AD9SP2AF698B
			ULEV	+IMMO	39171-2EFC5 39171-2EFE5	AD9UP2AS694A AD9UP2AS695A AD9UP2AS697A AD9UP2AF698A	AD9UP2AF698B

**NOTE:** +IMMO = Start Stop Button, -IMMO = Key Start

**Manual Mode Password Information Tables:**

EVENT #	MENU	PASSWORD
#688	AD(A) 2.0MPI AT -IMMO 39173-2EFB0/D0	3200
	AD(A) 2.0MPI AT -IMMO 39173-2EFC0/E0	3201
	AD(A) 2.0MPI MT -IMMO 39177-2EFC0	7720
	AD(A) 2.0MPI AT +IMMO 39171-2EFB0/D0	1200
	AD(A) 2.0MPI AT +IMMO 39171-2EFC0/E0	1201
	AD(A) 2.0MPI MT +IMMO 39175-2EFC0	7520
	AD(A) 2.0MPI AT -IMMO 39173-2EFB2/D2	3222
	AD(A) 2.0MPI MT -IMMO 39177-2EFC2	7722
	AD(A) 2.0MPI AT +IMMO 39171-2EFB2/D2	1222
	AD(A) 2.0MPI AT +IMMO 39171-2EFC2/E2	1223
	AD(A) 2.0MPI MT +IMMO 39175-2EFC2	7522
	AD(A) 2.0MPI AT +IMMO 39171-2EFB5/D5	1255
	AD(A) 2.0MPI AT +IMMO 39171-2EFC5/E5	1256

**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"

5. Enter the vehicle's VIN Number

6. Enter "968"

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

**Vehicle Emission Recall Proof of Correction**

License No. Make Model Year Body Type Vehicle Identification Number

Manufacturer: Recall Number:

The above described vehicle has been repaired, modified and/or equipped with new emission control devices to meet applicable California Emission Control Laws.

Dealer's Name Address, City, State and Zip

Date Dealership's Authorized Signature

Return this certificate to DMV only when required - otherwise retain for your records.

NP050-09006 8/14

**For All Vehicles:**

**Fill in the information on the 00305-SC968 Campaign Sticker and apply onto the hood in the area next to the VEHICLE EMISSION CONTROL INFORMATION label as shown.**

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

The campaign procedure is complete.

