 <b>HYUNDAI</b> <b>Technical Service Bulletin</b>	GROUP	NUMBER
	<b>CAMPAIGN</b>	<b>25-01-054H</b>
	DATE	MODEL(S)
	<b>AUGUST 2025</b>	<b>ELANTRA (AD, ADA)</b>
<b>SUBJECT:</b> ECU SOFTWARE UPDATE – OBD-II FUEL SYSTEM READINESS MONITOR DIAGNOSIS (SERVICE CAMPAIGN 968)		

This TSB supersedes 21-01-064H to include additional OP Code, procedures, and ROM IDs for 2019MY Elantra (AD, ADA) vehicles without immobilizers.

**★ IMPORTANT**

Dealers must perform this service campaign on all affected vehicles prior to customer retail delivery and whenever an affected vehicle is in the shop for any maintenance or repair.

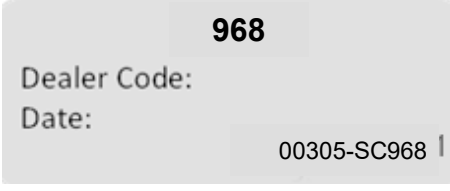
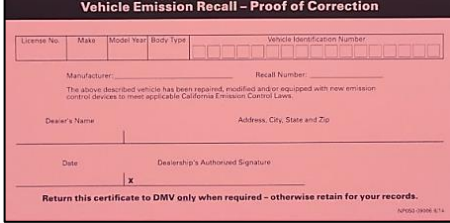
Access the “Vehicle Information” screen via WebDCS to identify open campaigns.

**Description:** Certain 2017-2019MY Elantra (AD, ADA) vehicles equipped with 2.0L ATK engines may be unable to complete diagnosis of the OBD-II Fuel System Readiness Monitor. This bulletin provides instructions to perform a software update for the Engine Control Module (ECM) to revise control logic.

**Applicable Vehicles (Certain):**

- 2017-2019MY Elantra (AD, ADA) equipped with 2.0L ATK engines



**Parts Information:**

Model	Part Name	Part Number	Figure	Remarks
Elantra (AD, ADA)	Campaign Sticker	00305-SC968		Apply to all vehicles regardless of state
	Vehicle Emission Recall - Proof of Correction Card	NP050-09006		Order only for states: CA, CO, CT, DE, ME, MD, MA, NJ, NY, OR, PA, RI, VT, WA

**NOTE:** Dealers were sent **10** campaign stickers at the start of this campaign. Additional stickers can be ordered through your facing PDC.

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

**SST Information:**

Tool Name	Tool Number	Figure	Ordering Information
VCI 3	G0VHNNN06		Website: <a href="https://hyundaiessentialtools.com/">https://hyundaiessentialtools.com/</a>  Email: <a href="mailto:Hyundaitools@snapon.com">Hyundaitools@snapon.com</a>  Phone: 1-855-763-9199 Hours: 7 AM – 7 PM CST
VCI 2	G1XDDMN001		

**GDS Information:**

System	Event Number*	Description
Engine	688	AD(A) 2.0 ATK OBD FUEL SYSTEM READINESS DIAGNOSIS IMPROVEMENT

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

**Warranty Information:**

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
2017-2019MY Elantra (AD, ADA)	10D057R1	ECU Software Update and Campaign Sticker Application	0.4 M/H	39171-2EFC0	W17	ZZ3
2019MY Elantra (AD, ADA)	10D057R2	ECU ROM ID Check and Campaign Sticker Application  No Update Required	0.3 M/H			

**NOTE 1:** Submit claim on Claim Entry Screen as “Campaign” type.

**NOTE 2:** If a part is found in need of replacement while performing this campaign and the affected part is still under warranty, submit a separate 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:** ECU SOFTWARE UPDATE – OBD-II FUEL SYSTEM READINESS MONITOR DIAGNOSIS  
(SERVICE CAMPAIGN 968)

**ROM ID Information: Event 688**

Model	Trans	Emission	Immo (Y/N)	ECU Part Number	ROM ID	
					Current	Latest
2017MY Elantra (AD, ADA)	6AT	SULEV	Yes	39171-2EFB0 39171-2EFD0	AD7SP2AF65EA	AD7SP2AF65EB
			No	39173-2EFB0 39173-2EFD0	AD7SP2UF65EA	AD7SP2UF65EB
		ULEV	Yes	39171-2EFC0 39171-2EFE0	AD7UP2AF65EA	AD7UP2AF65EB
			No	39173-2EFC0 39173-2EFE0	AD7UP2UF65EA	AD7UP2UF65EB
	6MT	Yes	39175-2EFC0	AD7UP2CF65EA	AD7UP2CF65EB	
		No	39177-2EFC0	AD7UP2VF65EA	AD7UP2VF65EB	
2018MY Elantra (AD, ADA)	6AT	SULEV	Yes	39171-2EFB2 39171-2EFD2	AD8SP2AF676A	AD8SP2AF676B
				39173-2EFB2 39173-2EFD2	AD8SP2UF676A	AD8SP2UF676B
		ULEV	Yes	39171-2EFC2 39171-2EFE2	AD8UP2AF676A	AD8UP2AF676B
			No	39173-2EFC2 39173-2EFE2	AD8UP2UF676A	AD8UP2UF676B
	6MT	Yes	39175-2EFC2	AD8UP2CF676A	AD8UP2CF676B	
		No	39177-2EFC2	AD8UP2VF676A	AD8UP2VF676B	
2019MY Elantra (AD, ADA)	6AT	SULEV	Yes	39171-2EFB5 39171-2EFD5	AD9SP2AF698A	AD9SP2AF698B
		ULEV	Yes	39171-2EFC5 39171-2EFE5	AD9UP2AF698A	AD9UP2AF698B
	6MT		Yes	39175-2EFA5	AD9UP2CF698A	AD9UP2CF698B
2019MY Elantra (AD, ADA)	6AT	SULEV	No	39173-2EFB5	AD9SP2US694A	AD9SP2UF698A
				39173-2EFD5	AD9SP2US695A	
		ULEV		39173-2EFC5	AD9UP2US694A	AD9UP2UF698A
				39173-2EFE5	AD9UP2US695A	
	6MT	ULEV		AD9UP2VS694A	AD9UP2VF698A	
				AD9UP2VS695A		

**NOTE:** Certain 2019MY Elantra vehicles **WITHOUT** an immobilizer may already have the 'Latest' ROM IDs listed above. These vehicles **DO NOT** require an ECU software update.'

**Service Procedure:**

**NOTICE**

**You must initially perform the GDS ECU update in Auto Mode.**

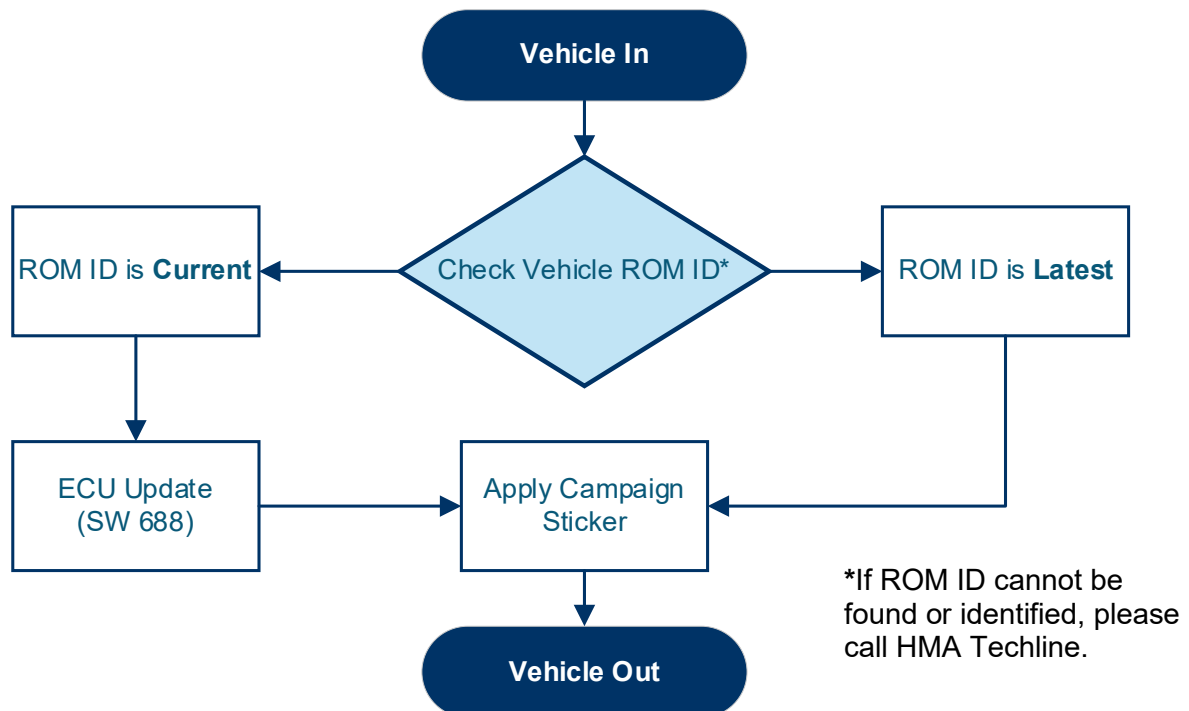
- If the ECU update starts but then fails in Auto Mode, perform the update in Manual Mode to recover.

**NOTICE**

Ensure the vehicle's battery charge is **above 11.0 Volts** and the tablet's battery charge is **above 30%** before performing a software update to avoid update failure.

**i Information**

- Turn **OFF** all lamps (do **NOT** leave head lamp switch in auto mode) and all accessories.
- Perform update with the ignition switch in the **ON** position.
- Do **NOT** disconnect any cables connected to the vehicle or scan tool during the update.
- Do **NOT** start the engine OR place in **Ready** mode during the update.
- Do **NOT** turn **OFF** the ignition switch during the update.

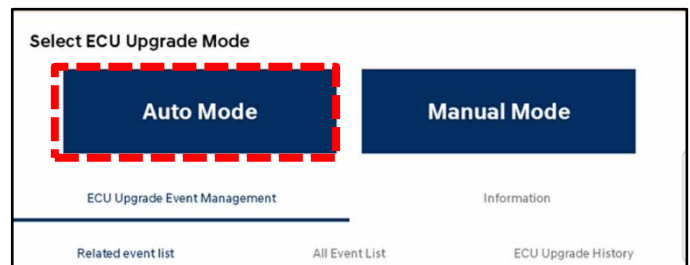


## ECU Update Procedure

1. Select the **ENGINE** system to scan the vehicle's ROM ID.
2. Compare the vehicle's ROM ID value to the **ROM ID Information** tables on page 3:
  - If the value is **Current**, proceed to step 3.
  - If the value is **Latest**, proceed to **Campaign Sticker Application (for All Vehicles)** on page 7.
3. Perform the ECU update in **Auto Mode**.

### **i** Information

Refer to **TSB # 25-GI-011H**, "ECU Update Procedure for Tablet-Based GDS-Smart", for additional information.



4. After the ECU update process shows 100% complete, follow the prompts on the screen to cycle the ignition **OFF** for at least **10 seconds** to reset the control unit (certain models may take up to **30 seconds**).

### **i** Information

Use the **Refresh** button to reset the timer.

### **NOTICE**

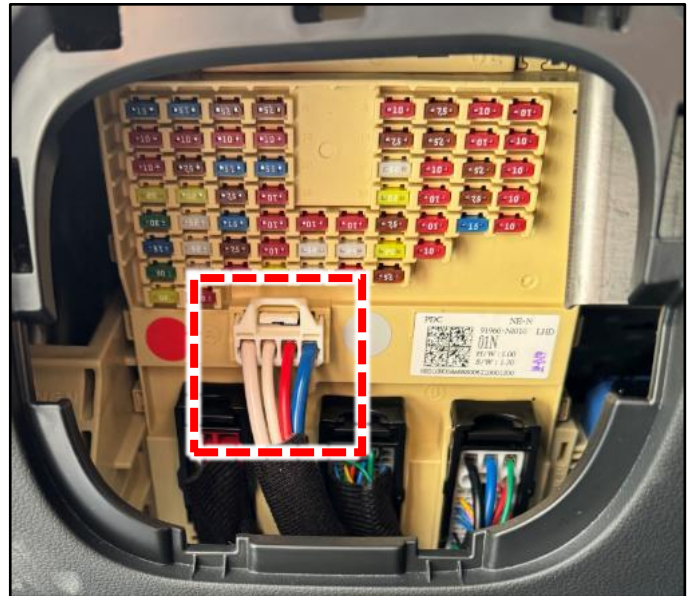
If the update fails, remove the power connector from the in-cabin fuse box for at least **5 seconds**. Reassemble and retry the update.

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

5. Perform an **All Systems Fault Code** search and erase DTC history that incidentally occurred from the ECU update.



6. Remove the power connector from the in-cabin fuse box for at least **5 seconds**, then reconnect it.



7. Start the engine to confirm proper operation of the vehicle.
8. Proceed to **Campaign Sticker Application (for All Vehicles)**.

**NOTICE**

If the ECU update fails in Auto Mode, perform the update in Manual Mode using the password(s) below.

**Manual Mode Password:**

Event	ECM 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

**Campaign Sticker Application (for All Vehicles)**

- Fill in the Dealer Code and Date on the Campaign Sticker, and apply adjacent to the existing Emission Label, on the underside of the hood, as shown.

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

- Proceed to next section and complete the **Vehicle Emission Recall - Proof of Correction Card** for the states listed.

If **NOT** applicable to your state, the repair process is complete.



Vehicle Emission Recall – Proof of Correction Card (for Vehicles Registered in Certain States)

**For vehicles registered in California, Colorado, 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, Colorado, 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 | 7. Enter Dealership Name   |
| 2. Enter "Hyundai"                | 8. Enter Dealership's Address<br><b>NOTE:</b> Enter the physical address, not the mailing address (not a P.O. Box) |
| 3. Enter Model Year               | 9. Enter Date of Repair  |
| 4. Enter Model (e.g. Elantra)     | 10. Service Manager Sign Here  |
| 5. Enter the vehicle's VIN Number |  |
| 6. Enter Campaign 968             |  |

**Vehicle Emission Recall – Proof of Correction**

License No.	Make	Model Year	Body Type	Vehicle Identification Number											
1	2	3	4	5											

Manufacturer: 2 Recall Number: 6

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 7 Address, City, State and Zip 8

Date 9 Dealership's Authorized Signature x 10

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

NP050-09006 8/14