

 Technical Service Bulletin	GROUP CAMPAIGN	NUMBER 25-01-026G
	DATE MAY 2025	MODEL(S) GV80 (JX1) GV80 COUPE (JX1)
SUBJECT: ECU UPDATE – P0461/ P2066 FUEL LEVEL SENSOR LOGIC (SERVICE CAMPAIGN 912G)		

★ IMPORTANT

Retailers must perform this service campaign on all affected vehicles prior to retail delivery to a guest 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.

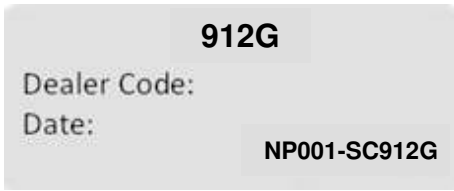
Description: Certain 2025MY GV80 and GV80 Coupe (JX1) vehicles equipped with the 3.5T-GDI Lambda III engine may **NOT** experience a warning lamp illumination of DTC P0461/P2066 when the calculated fuel consumption and the fuel consumption calculated from the fuel level sensor signal is over its threshold value.

Follow the service procedure outlined in this bulletin to update the engine control module to revise the fuel level sensor warning light logic.

Applicable Vehicles (Certain):

- 2025MY GV80 (JX1) produced from 03/30/2024 – 11/19/2024
- 2025MY GV80 Coupe (JX1) produced from 04/01/2024 – 12/02/2024

Parts Information:

Model	Part Name	Part Number	Figure	Remarks
GV80 (JX1)	Campaign Sticker	NP001-SC912G		Apply to all vehicles regardless of state.
GV80 Coupe (JX1)	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

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

GDS Information:

System	Event Number	Description
ECU	1217	JX PE ECU UPGRADE - DIAGNOSIS LOGIC IMPROVEMENT (P0461/P2066)

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

Warranty Information:

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
GV80 (JX1)	50D031R0	ECU Update and Campaign Sticker Installation	0.4 M/H	39128-3N075	I14	ZZ3

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.

NOTE 3: Op times include VIN, Mileage, and photo capture of the “ECU update complete” screen as outlined in the Digital Documentation Policy.

ROM ID Information:

Model	Event Number	System	ECU Part Number	ROM ID	
				Old	New
GV80 (JX1)	1217	Engine	39128-3N075	SJX-5NU0HF300M0K	SJX-5NU0HF700M0K
				SJX-5NU0HF400M0K	
			39128-3N049	TJX-5NU0HF000M0K	TJX-5NU0HF200M0K
				TJX-5NU0HF100M0K	
GV80 Coupe (JX1)			39128-3N058	TJX-5NU0HF000MCK	TJX-5NU0HF200MCK
				TJX-5NU0HF100MCK	

Service Procedure:**DIGITAL DOCUMENTATION**

This TSB includes Repair validation photos. Refer to the latest Warranty Digital Documentation Policy for requirements.

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 the update from failing.

**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 update.
- Do **NOT** start the engine during update.
- Do **NOT** turn **OFF** the ignition switch during update.

ECU Software Update

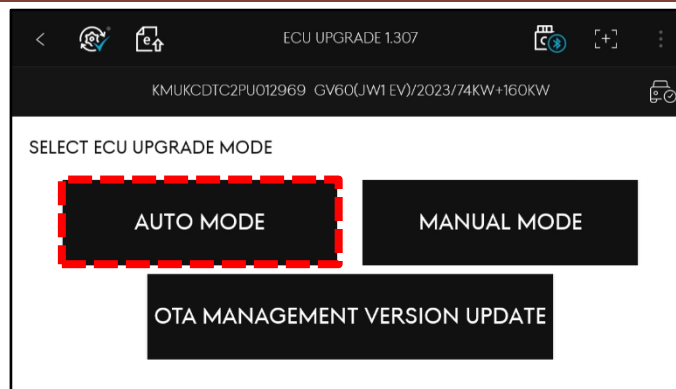
1. Perform the ECU update in **Auto Mode**.

Use the **ID Check** to verify the ROM ID before updating the software.



Information

Refer to **TSB # 24-GI-016G**, “**ECU Update Procedure for Tablet-Based Genesis Smart**”, for additional information.



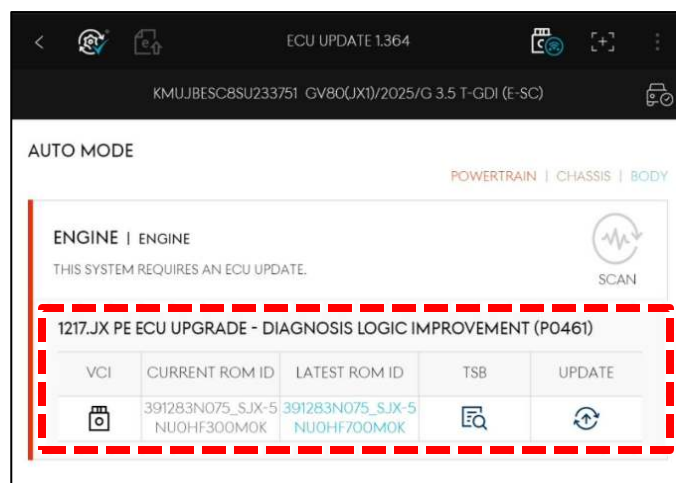
2. Select the **ECU** system to scan the vehicle's current ROM ID.

NOTICE

Check the current ROM ID version and compare it to the ROM ID Information table before attempting to perform the software update.

NOTICE

If the update fails, please remove the power connector or the battery (–) connector from the indoor fuse box for at least **5 seconds** and reassemble it to retry the update.

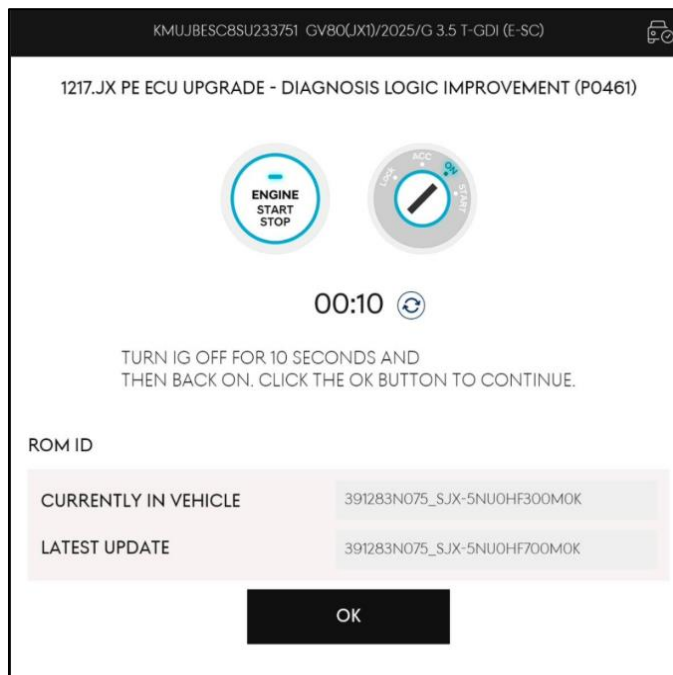


3. After the ECU update process shows 100% complete, follow the prompts on the screen to cycle the ignition **OFF** for at least **10 seconds** to reset the control unit (certain models may take up to **30 seconds**).



Information

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

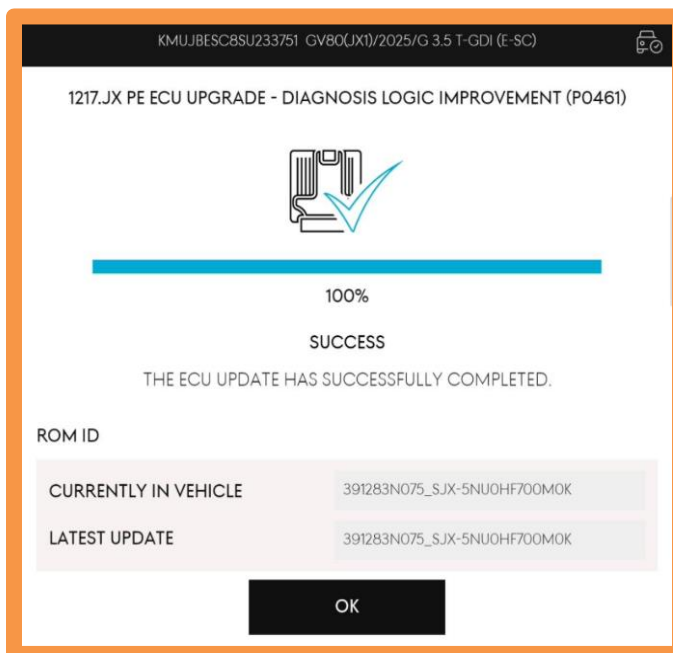


- 4.

DIGITAL DOCUMENTATION



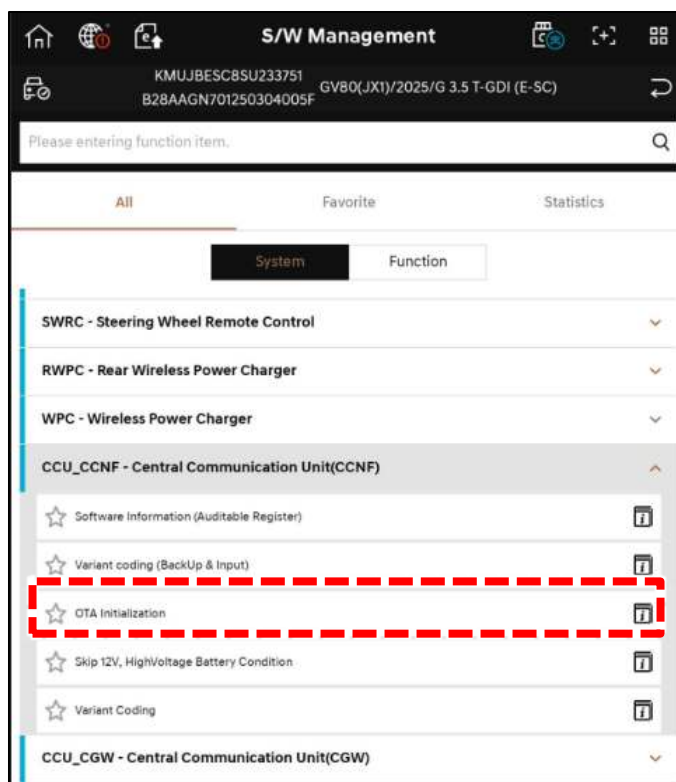
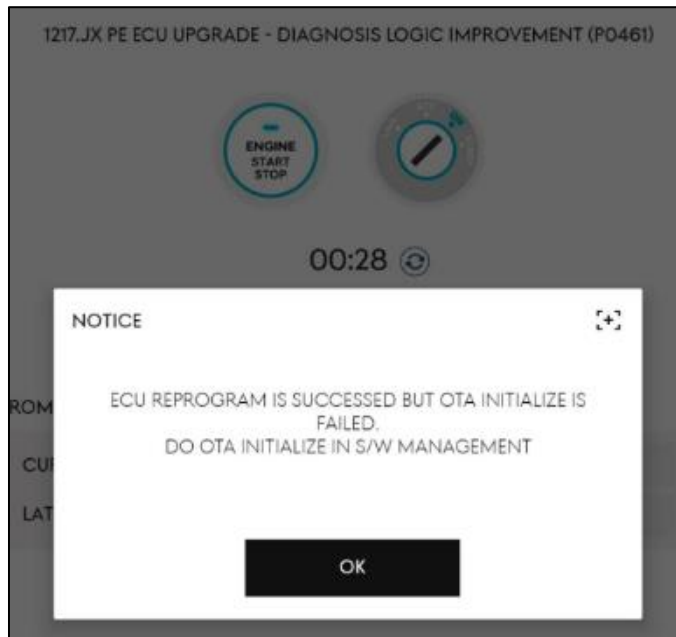
Take a screenshot of the ECU update complete screen using your tablet and upload to STUI.



5. Certain vehicles may experience a notice message stating the ECU reprogram was successful, but the OTA initialization has failed.

If the message is shown, perform the OTA initialization manually under S/W Management.

- **S/W Management > CCU_CCNF – Central Communication Unit (CCNF) > OTA Initialization**



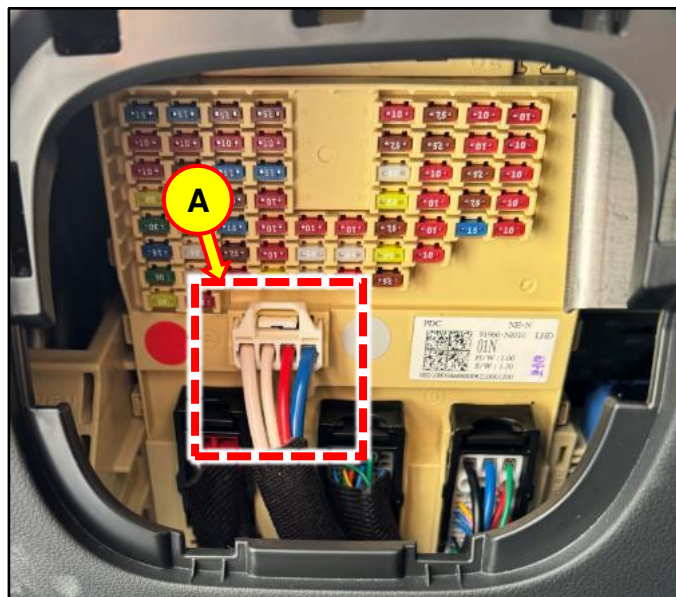
5. Perform an **All Systems Fault Code** search and erase DTC history that had incidentally occurred from the ECU update.



6. Disconnect the power connector (A) of the indoor fuse box, wait at least **5 seconds**, then reconnect it.

i Information

Alternatively, disconnect the negative (–) **12V** battery terminal, wait **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)** on **page 8**.

NOTICE

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

Manual Mode Password: Event 1217

ECM Menu	Password
JX1 PE 3.5T ECU 39128-3N075	3075
JX1 PE 3.5T ECU 39128-3N049	2535
JX1 PE 3.5T ECU 39128-3N058	5258

Campaign Sticker Application (for All Vehicles)

1. 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.

Clean the mounting surface to ensure proper label adhesion.



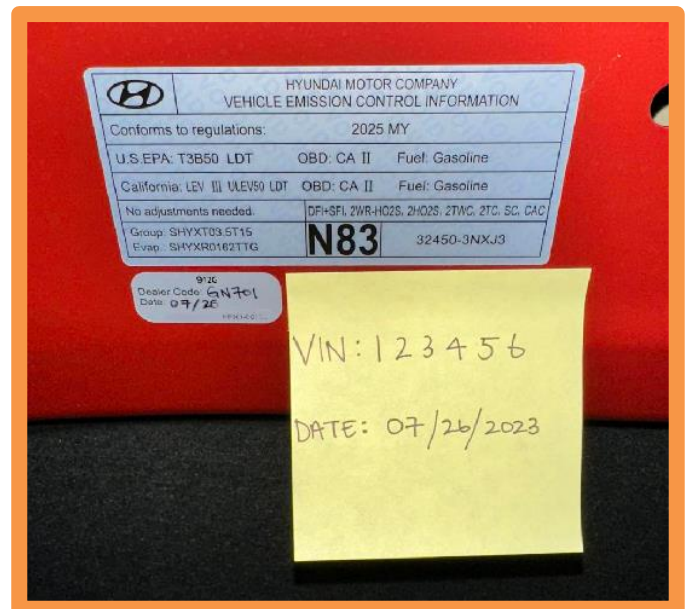
- 2.

**DIGITAL
DOCUMENTATION**



Using STUI, take a clear photo of the campaign sticker along with the last 6 digits of the VIN and the date of repair on a piece of paper.

Upload the photo to STUI.



3. Proceed to next section and complete the **Vehicle Emission Recall - Proof of Correction Card** for the states listed on page 1.

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 "Genesis" | 8. Enter Dealership's Address |
| 3. Enter Model Year | NOTE: Enter the physical address, not the mailing address (not a P.O. Box) |
| 4. Enter model name (e.g. GV80) | 9. Enter Date of Repair |
| 5. Enter the vehicle's VIN Number | 10. Service Manager Sign Here |
| 6. Enter Recall Number – 912G | |

Vehicle Emission Recall – Proof of Correction					
License No.	Make	Model Year	Body Type	Vehicle Identification Number	
1	2	3	4	5	
Manufacturer:			Recall Number:		
2			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			Address, City, State and Zip		
7			8		
Date		Dealership's Authorized Signature			
9		x 10			
Return this certificate to DMV only when required – otherwise retain for your records.					
NP050-09006 8/14					