



# HYUNDAI

## Technical Service Bulletin

GROUP <b>CAMPAIGN</b>	NUMBER <b>26-01-046H</b>
DATE <b>MAY 2026</b>	MODEL(S) <b>IONIQ 5 (NEA EV)</b>

**SUBJECT:**

VCU SOFTWARE LOGIC IMPROVEMENT  
(LIMITED COVERAGE CAMPAIGN LA25)

### \* IMPORTANT

Dealers must perform this field action on all affected vehicles within 10 / 100,000 High Voltage Warranty for original owners, and is transferable to subsequent owners, prior to customer retail delivery and whenever an affected vehicle is in the shop for any maintenance or repair. See Warranty Information section for more details.

Access the “Vehicle Information” screen via WebDCS to verify “Warranty Start Date” and ensure the vehicle is within High Voltage Warranty, observing mileage prior to any repair work.

**Description:** Certain IONIQ 5 (NEA EV) vehicles may have 12V battery drainage due to the scheduled climate feature. This bulletin provides instructions to perform a software update for the Vehicle Control Unit (VCU) to improve the logic of the scheduled climate reducing battery drainage.



### Applicable Vehicles (Certain):

Model Year	Model	Production Dates
2025 – 2026	IONIQ 5 (NEA EV)	10/01/2024 – 04/29/2026

### NOTICE

To avoid any potential damage to IONIQ vehicles, this recall can only be performed at IONIQ certified dealers.

**SUBJECT:**VCU SOFTWARE LOGIC IMPROVEMENT  
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Tool Name	Tool Number	Figure	Ordering Information
VCI 3	G0VHNNN06		Website: <a href="https://hyundaiesentialtools.com/">https://hyundaiesentialtools.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		

**NOTE:** VCI 2 can **NO** longer be ordered but can be used for the updates in this TSB.

**GDS Information:**

Model	System	Event Number*	Description
IONIQ 5 (NEA EV)	VCU	1453	NE1A VCU LOGIC IMPROVEMENT

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

**NOTE 1:** This software update is subject an OTA (Over-the-Air) option and may be completed by customers with active Bluelink subscriptions.

**Warranty Information:**

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
IONIQ 5 (NEA EV)	60DV0610	VCU Software Update	0.3 M/H	39751-1XDN2	I11	ZZ3

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

**NOTE 2:** If any part(s) not subject to this TSB are found in need of replacement while performing the repair procedure, and the affected part(s) are still under warranty, the dealer may submit a separate claim using the same repair order. If the part(s) not subject to this TSB are out of warranty coverage, the dealer has the option to submit a PA Request for goodwill consideration on a case-by-case basis.

**NOTE 3:** Op times include VIN, mileage, and photo capture of the ECU Update “Success” result screen as outlined in the Digital Documentation Policy.

**SUBJECT:**VCU SOFTWARE LOGIC IMPROVEMENT  
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Model	Event	System	ECU Part Number	ROM ID	
				Current	Latest
25MY IONIQ 5 (NEA EV)	1453	VCU	39751-1XDN2	NEA0-25E-N0D-S00	NEA0-25E-N0D-S05
				NEA0-25E-N0D-S01	
				NEA0-25E-N0D-S02	
				NEA0-25E-N0D-S03	
				NEA0-25E-N0D-S04	
			39751-1XDN1	NEA0-45E-N04-S00	NEA0-45E-N04-S05
				NEA0-45E-N04-S01	
				NEA0-45E-N04-S02	
				NEA0-45E-N04-S03	
				NEA0-45E-N04-S04	
			39751-1RDN1	NEA0-45E-NR4-S00	NEA0-45E-NR4-S05
				NEA0-45E-NR4-S01	
				NEA0-45E-NR4-S02	
				NEA0-45E-NR4-S03	
				NEA0-45E-NR4-S04	
26MY IONIQ 5 (NEA EV)			39751-1XDN4	NEA0-25E-N0F-S01	NEA0-25E-N0F-S04
				NEA0-25E-N0F-S02	
				NEA0-25E-N0F-S03	
			39751-1XDN3	NEA0-45E-N06-S01	NEA0-45E-N06-S04
				NEA0-45E-N06-S02	
				NEA0-45E-N06-S03	
			39751-1XDN5	NEA0-45E-NR6-S01	NEA0-45E-NR6-S04
				NEA0-45E-NR6-S02	
				NEA0-45E-NR6-S03	

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

***i* Information**

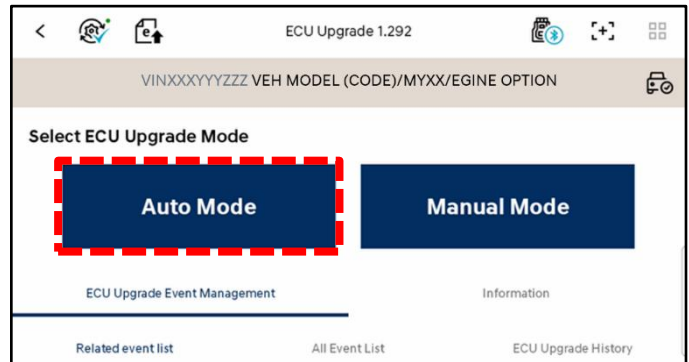
- Turn **OFF** all lamps (do **NOT** leave head lamp switch in auto mode) and all accessories.
- Perform update with the ignition switch in the **ON** position.
- Do **NOT** disconnect any cables connected to the vehicle or scan tool during the update.
- Do **NOT** place in **Ready** mode during the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

**ECU Update Procedure**

1. 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.



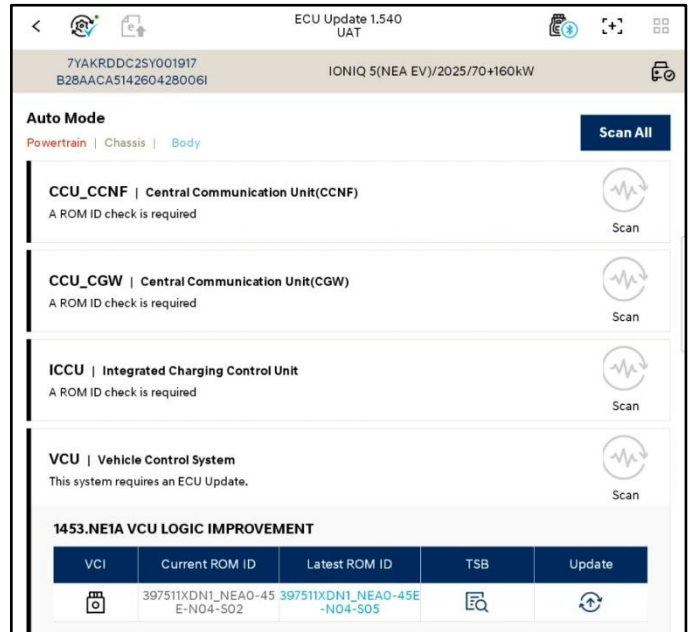
2. Verify the ROM ID by selecting the **VCU** system to scan the vehicle's current ROM ID.

**NOTICE**

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

**NOTICE**

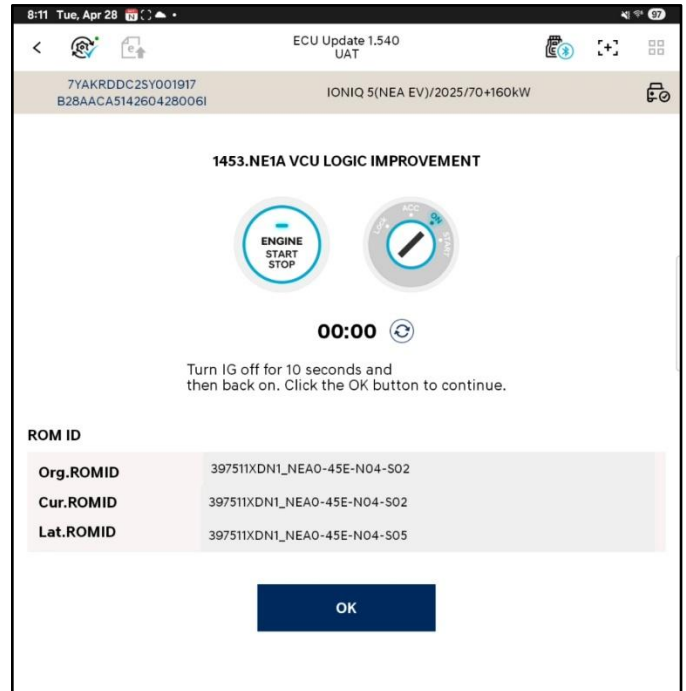
If the update fails, remove the power connector from the in-cabin fuse box for at least **5 seconds**. Alternatively, disconnect the negative (-) **12V** battery terminal and wait at least **5 seconds**. Reassemble and retry the update.



- 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.

**i Information**

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



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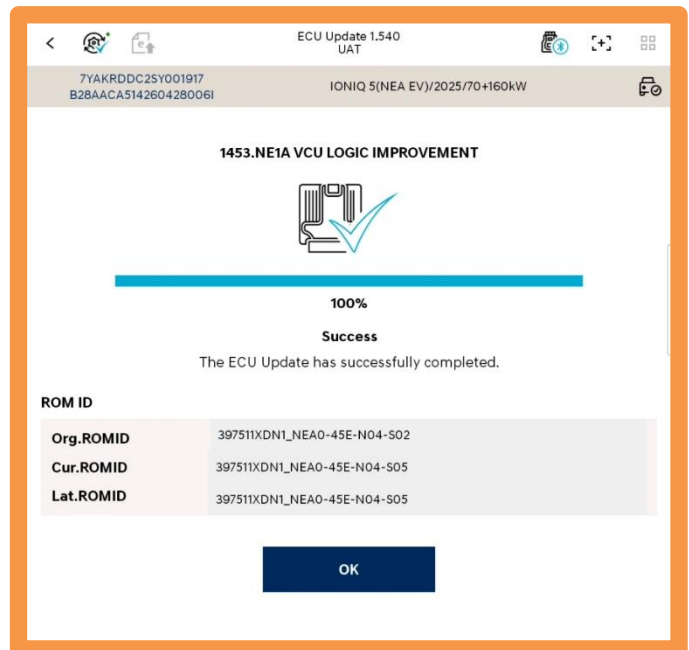
**DIGITAL DOCUMENTATION**



Using the tablet or GDS screen capture function, take a screenshot of the ECU Update "Success" result screen.

Upload the photo to STUI.

**NOTE:** The VIN/Date/Time/Mileage photo imprint is **NOT** required for GDS screenshots.



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



6. Place the vehicle in **Ready** mode to confirm proper operation of the vehicle.

**i Information**

Additional ignition cycles (IGN OFF → READY → IGN OFF) may be necessary for the temperature unit in the head unit to resync to Fahrenheit.

**Ensure temperature unit has reverted back to Fahrenheit before moving to the next step.**

7. The service procedure is now complete.

**NOTICE**

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

**Manual Mode Password:**

Event	Menu	Password
1453	NE1a VCU 39751-1XDN2	<b>7982</b>
	NE1a VCU 39751-1XDN1	<b>1496</b>
	NE1a VCU 39751-1RDN1	<b>4268</b>
	NE1a VCU 39751-1XDN4	<b>1973</b>
	NE1a VCU 39751-1XDN3	<b>4590</b>
	NE1a VCU 39751-1XDN5	<b>7803</b>