HYUNDAI Technical Service Bulletin	GROUP **CAMPAIGN**	NUMBER **26-01-082H**
	DATE **OCTOBER 2026**	MODEL(S) **IONIQ 5 (NEA EV)**

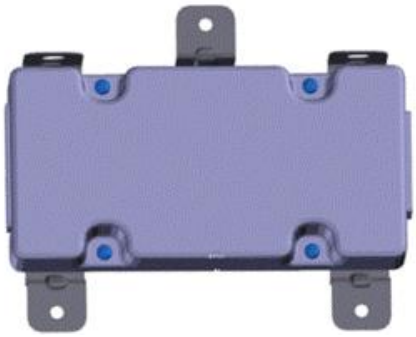
SUBJECT: BMS BATTERY LOGIC IMPROVEMENT UPDATE (LIMITED COVERAGE CAMPAIGN LA42)

* IMPORTANT

'Dealers must perform this field action on all affected vehicles within 10 / 100,000 High Voltage Warranty for original owners and 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 experience Malfunction Indicator Lamp (MIL) illumination and false battery overtemperature fault diagnosis caused by water ingress into the high-voltage battery system. This condition may cause unnecessary fail-safe activation, potentially resulting in reduced vehicle performance or limited vehicle operation if the vehicle is continually driven. This bulletin provides the service procedure to update the Battery Management System (BMS) software to optimize the fail-safe activation logic to prevent false activation. Additionally, diagnostic criteria for DTC P1AD300 “Hybrid/EV Battery Abnormal Performance: MISD” has also been improved to enhance diagnostic accuracy.



Applicable Vehicles (Certain):

Model Year	Model	Production Dates
2025 – 2027	IONIQ 5 (NEA EV)	11/12/2024 – 10/01/2026

NOTICE

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

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

SST Information:

Tool Name	Tool Number	Figure	Ordering Information
VCI 3	G0VHNNN06		Website: https://hyundaiessentialtools.com/ Email: Hyundaitools@snapon.com 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)	BMS	1504	NE1A BSA LOGIC IMPROVEMENT

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

NOTE: When available, the software update is subject to an OTA (Over-the-Air) option and may be completed by customers with a active Bluelink subscriptions.

Warranty Information:

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
IONIQ 5 (NEA EV)	60DV07I0	BMS Software Update	0.3 M/H	375A0-PI050	I14	ZZ3

NOTE 1: Submit a campaign claim on the "Claim Entry/Edit/Submit" screen on WebDCS and attach all required Digital Documentation per TSB to the claim.
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: This TSB includes repair validation photos. Op times include VIN, mileage, and photo capture of the ECU Update “Success” screen as outlined in the Digital Documentation Policy.

ROM ID Information:

Model	Event	System	ECU Part Number	ROM ID	
				Current	Latest
IONIQ 5 (NEA EV)	1504	BMS	375A0-PI050	6018, 6118, 6518, 6618	6818
			375A0-PI250	6118, 6518, 6618	
			375A0-PI150	6010, 6110, 6510, 6610	6810
			375A0-PI350	6110, 6510, 6610	

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

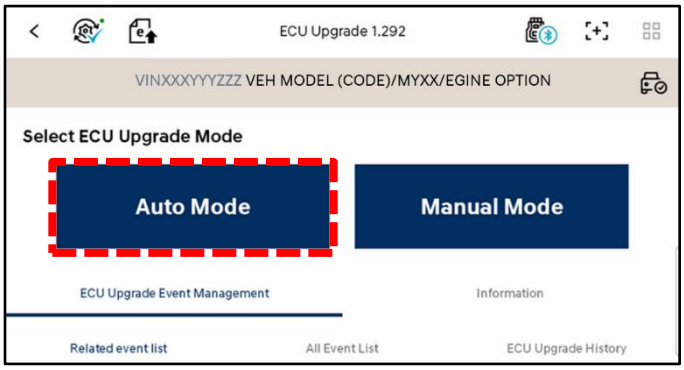
Ensure the vehicle's battery charge is **≥12.3 Volts** and the tablet's battery charge is above **30%** before performing a software update, to avoid update failure. Hyundai recommends connecting a battery maintainer/charger when performing **all ECU updates.**

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

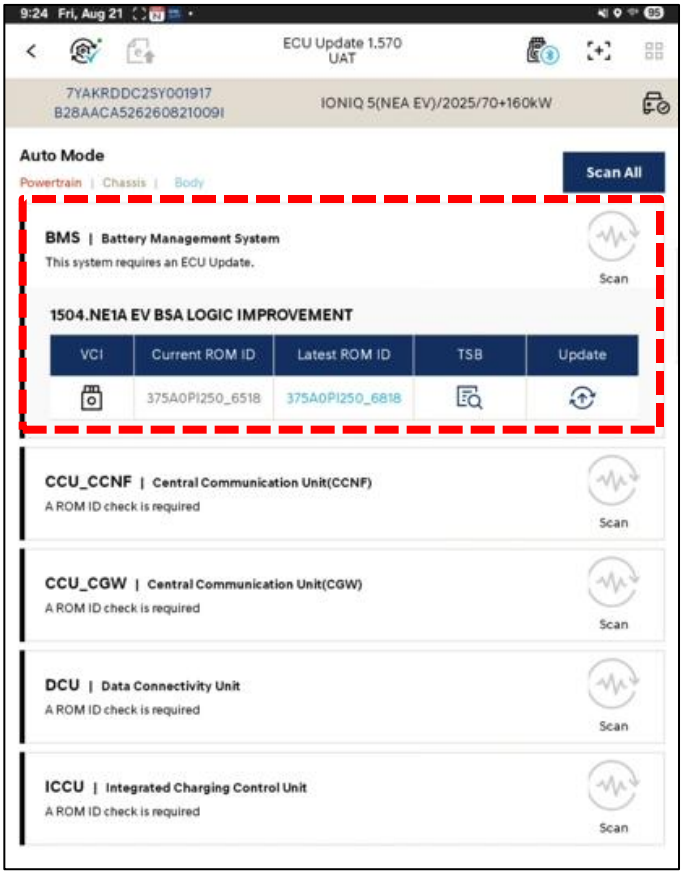
1. Perform the ECU update in **Auto Mode**.



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 **BMS** system to scan the vehicle's current ROM ID.



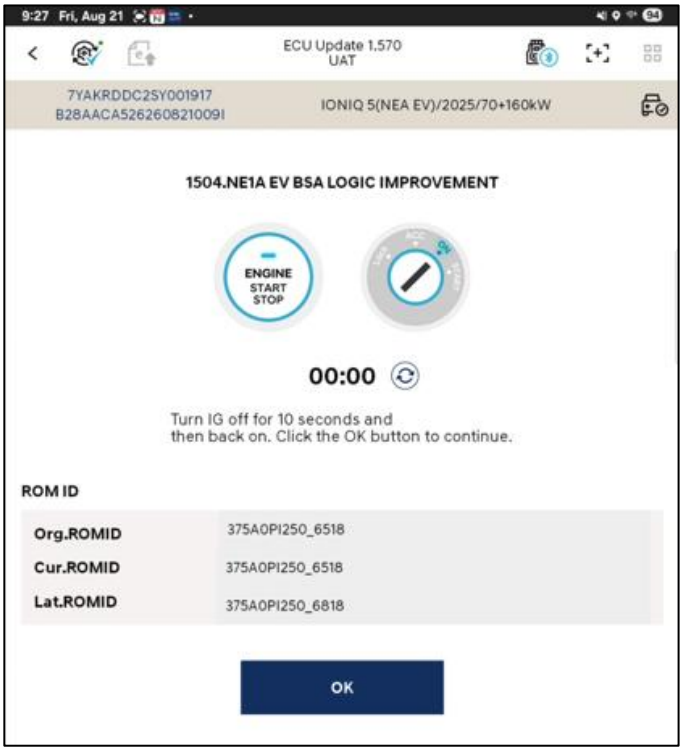
NOTICE

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

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

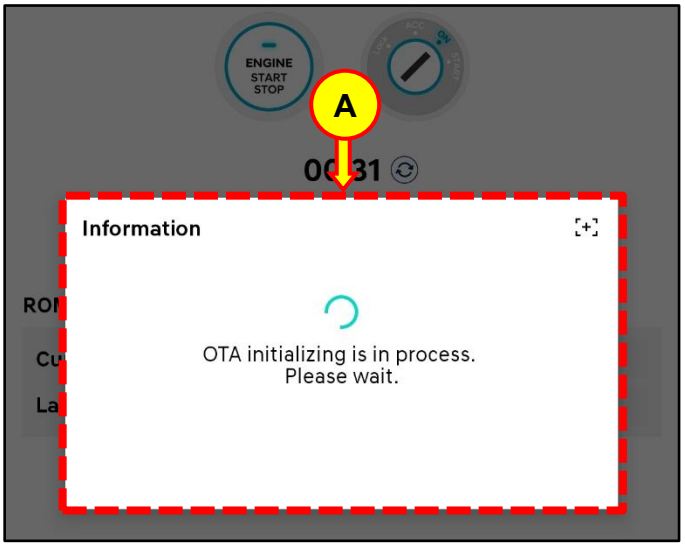
3. After the ECU update process shows 100% complete, follow the prompts on the screen to cycle the ignition **OFF** for at least **10 seconds** to reset the control unit (certain models may take up to **30 seconds**).

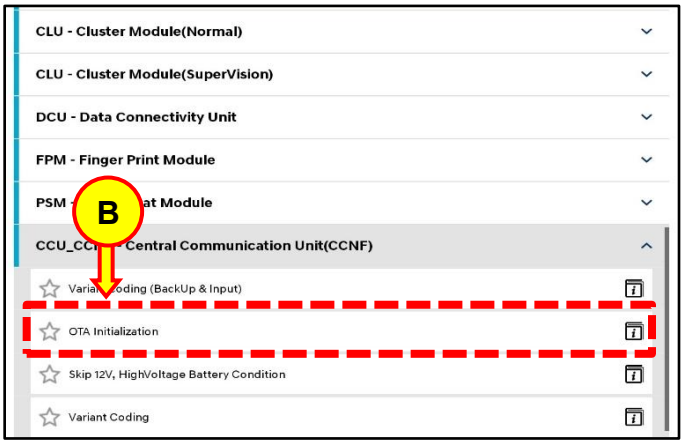
> **Information**
>
> Use the **Refresh** button to reset the timer.



4. OTA initialization (A) should perform automatically:
   - If OTA initialization performs automatically, then proceed with the service procedure.
   - If the OTA initialization process fails, complete it manually under: **S/W Management > CCU_CCNF - Central Communication Unit (CCNF) > OTA Initialization** (B).

     Follow the instructions on the screen.



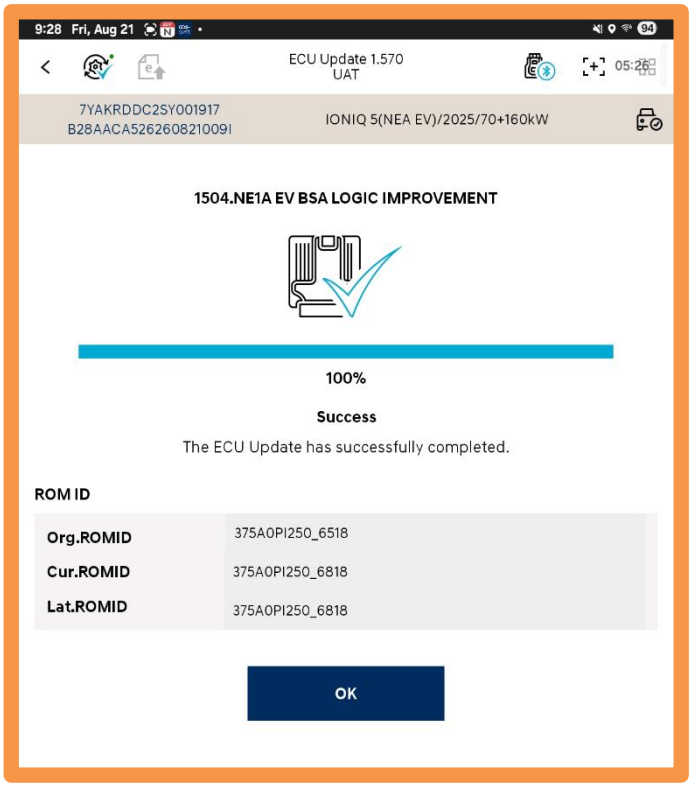


5. ***DIGITAL DOCUMENTATION***

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.



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



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

8. 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
1504	NE1a EV BMU 375A0-PI050	3745
	NE1a EV BMU 375A0-PI250	3675
	NE1a EV BMU 375A0-PI150	0376
	NE1a EV BMU 375A0-PI350	3099