HYUNDAI **Technical Service Bulletin**	GROUP **CAMPAIGN**	NUMBER **26-01-053H-1**
	DATE **AUGUST 2026**	MODEL(S) **IONIQ 9 (ME1A EV)**

SUBJECT: DCU SOFTWARE UPDATE (LIMITED COVERAGE CAMPAIGN LA32)

This TSB supersedes 26-01-053H to add ROM ID 120.NA.011976.011976 on page 3.

✶ IMPORTANT

Dealers must perform this field action on all affected vehicles within 5 / 60,000 New Vehicle Limited Warranty (NVLW) 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 NVLW, observing mileage prior to any repair work.

Description: Certain IONIQ 9 (ME1A EV) vehicles may exhibit a Data Communication Unit (DCU) software error due to the internal timer initialization logic not being implemented. The DCU module may shut down telematics services after one year. This bulletin provides instructions to perform a software update for the DCU module.

Applicable Vehicles (Certain):

Model Year	Model	Production Dates
2026-2027	IONIQ 9 (ME1A EV)	02/28/2025-05/04/2026

NOTICE

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

SST Information:

<table>
<tr><th>Tool Name</th><th>Tool Number</th><th>Figure</th><th>Remarks</th><th>Ordering Information</th></tr>
<tr><td>VCI 3</td><td>G0VHNNN06</td><td rowspan="2"> </td><td rowspan="2">VCI 3 comes with the 19-pin cable (P/N G1XDDCA020 included here for reference)</td><td rowspan="3">Website:
https://hyundaiessentialtools.com/
Email:
Hyundaitools@snapon.com

Phone: 1-855-763-9199
Hours: 7 AM – 7 PM CST</td></tr>
<tr><td>19-Pin Cable</td><td>G1XDDCA020</td></tr>
<tr><td>VCI 2</td><td>G1XDDMN001</td><td rowspan="2"> </td><td rowspan="2">If using VCI 2, the ECI Kit will be required to complete software updates.</td></tr>
<tr><td>Ethernet Communication Interface (ECI) Kit</td><td>G0XDDMN052</td></tr>
</table>

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 9 (ME1A EV)	DCU	1317	MEa DCU LOGIC IMPROVEMENT (NA)

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

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

Warranty Information:

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
IONIQ 9 (ME1A EV)	60DV04R0	DCU Software Update	0.4 M/H	96510-TD700	W11	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: 5 /60,000 New Vehicle Limited Warranty (NVLW) applies to the part(s) and repair procedure(s) outlined in this TSB. Prior to beginning any repair work, ensure the part(s) associated with the repair procedure are within NVLW, observing mileage and Warranty Start Date or date of first use. If the subject part(s) 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: 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 4: Op times include VIN, mileage, and photo capture of the ECU Update “Success” result screen as outlined in the Digital Documentation Policy.

ROM ID Information:

Model	Event	System	ECU Part Number	ROM ID	
				Current	Latest
IONIQ 9 (ME1A EV)	1317	DCU	96510-TD700	120.NA.011870.011870 120.NA.011951.011951 120.NA.011976.011976	120.NA.012054.012054

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.

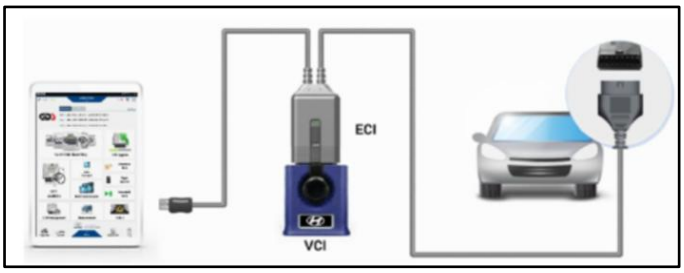
Information

- 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.

Configuration of Ethernet Communication on Tablet

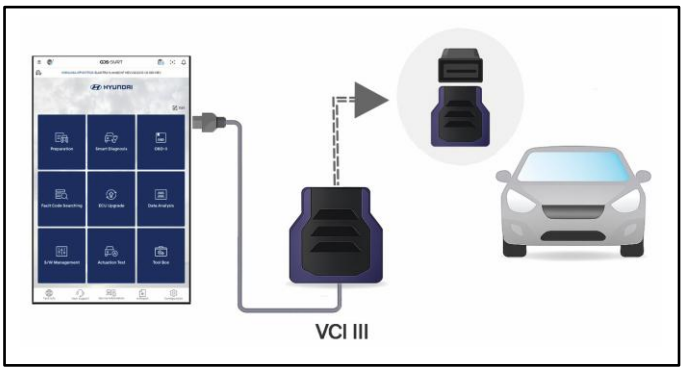
VCI 2 Connection (must use ECI kit with USB-C cable attachment):

1. Connect the ECI DLC connector to the OBD connector of the vehicle.
2. Connect the VCI to the receiver module on the ECI cable.
3. Connect the ECI cable with the USB-C connector cable attachment to the tablet.



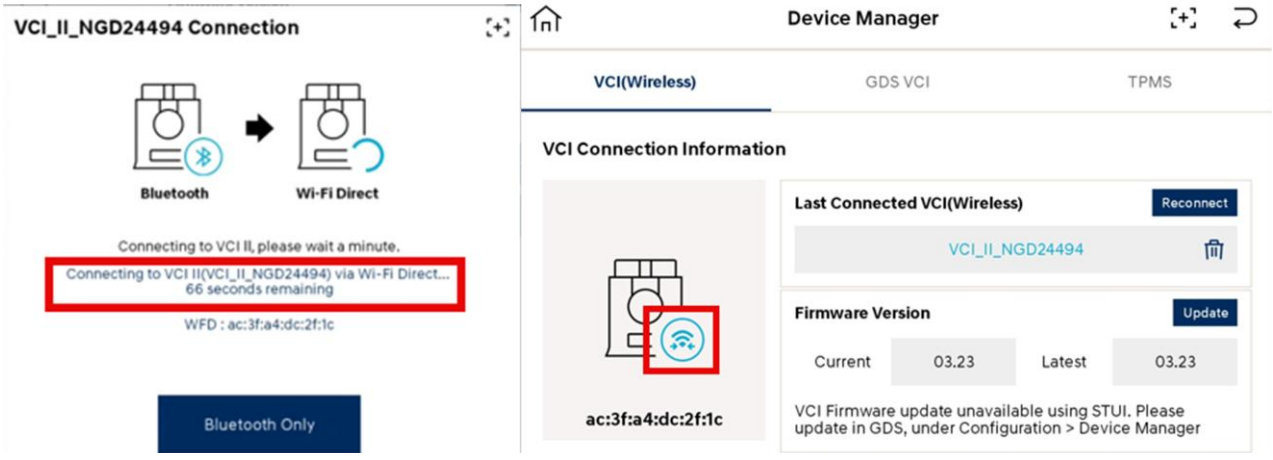
VCI 3 Connection (use VCI 3 cable):

1. Connect the 19-pin connector to the bottom of the VCI 3.
2. Connect the VCI to the OBD connector of the vehicle.
3. Connect the cable with the USB-C connector to the tablet.



Information

- If using VCI 2, please wait for the **Wi-Fi Direct** timer to complete to ensure the **Wi-Fi Direct** connection is established. Do **NOT** select **Bluetooth Only**.



ECU Update Procedure

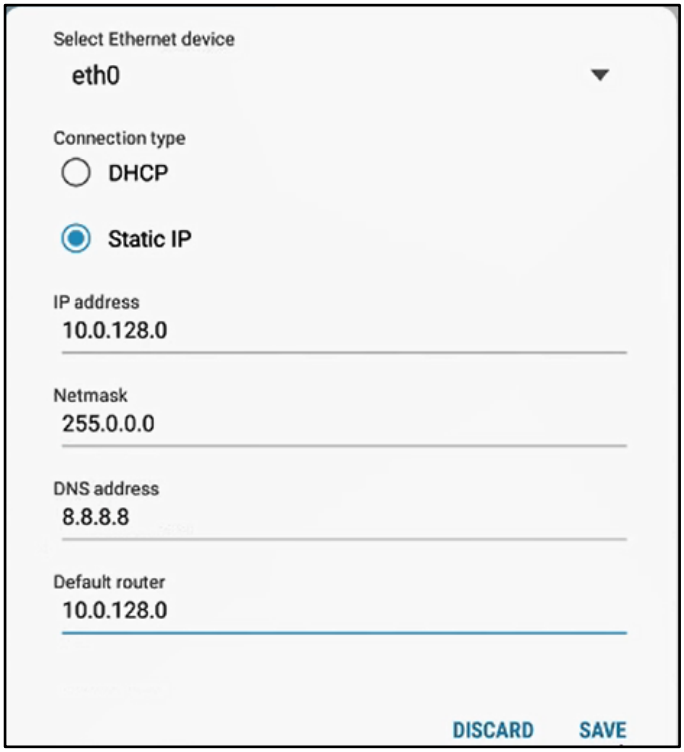
1. Enter the following digits exactly as shown for IP address, DNS address, Netmask and Default gateway.

   Save and close.

IP address – 10.0.128.0

DNS address – 8.8.8.8
Netmask – 255.0.0.0

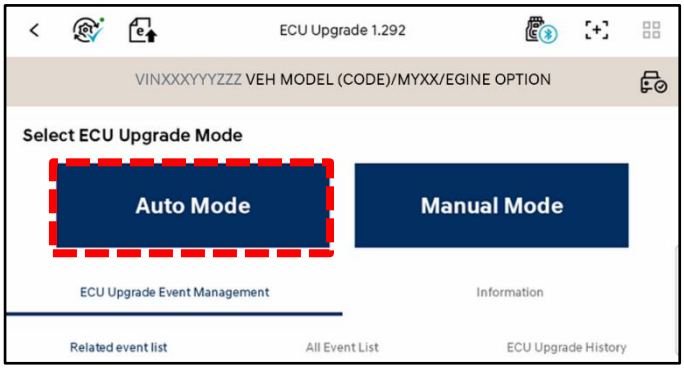
Default gateway – 10.0.128.0



Information

Ensure the following IP settings on your tablet matches those shown above before proceeding with the software update.

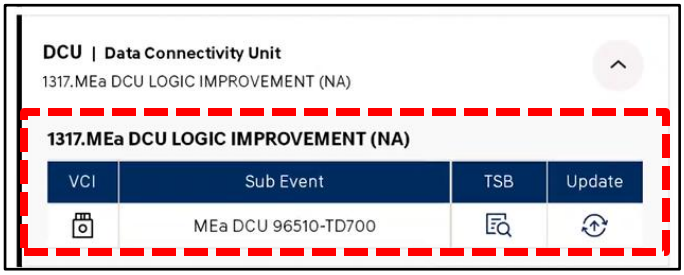
2. Perform the ECU update in **Auto Mode**.



Information

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

3. Verify the ROM ID by selecting the **DCU** system to scan the vehicle's current ROM ID.

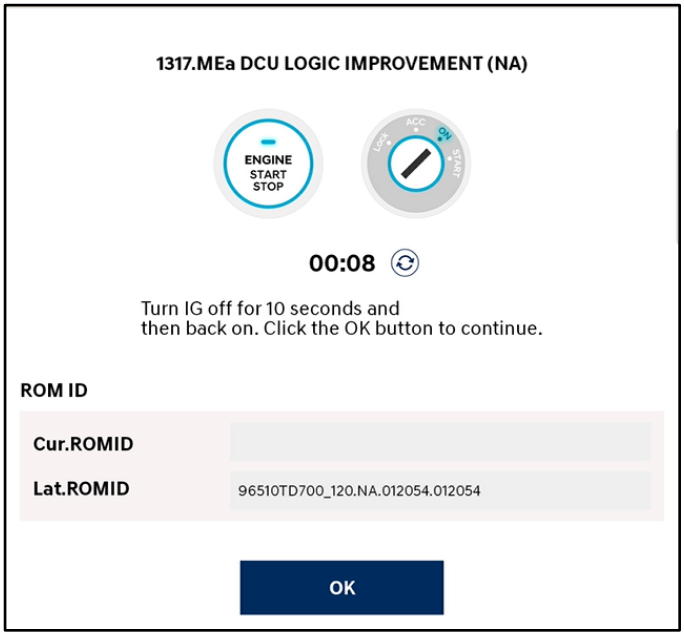


NOTICE

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.

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**).

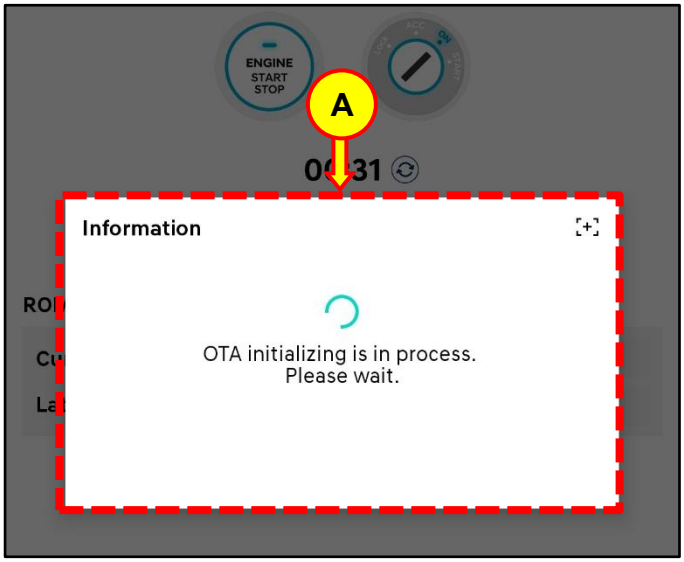


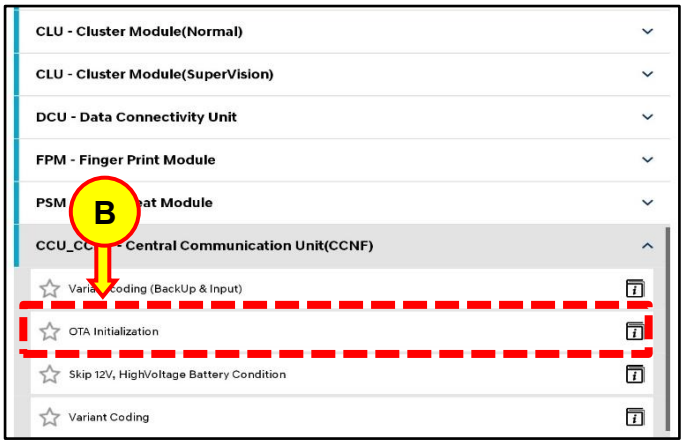
i **Information**

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

5. 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.



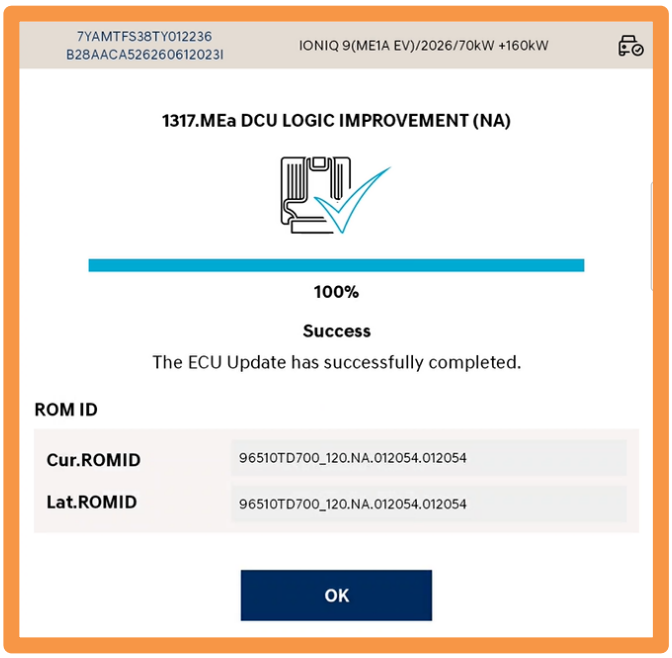


6. ***DIGITAL DOCUMENTATION***

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.



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

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

9. 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
1317	MEa DCU 96510-TD700	4195