



HYUNDAI

Technical Service Bulletin

GROUP CAMPAIGN	NUMBER 25-01-013H
DATE FEBRUARY 2025	MODEL(S) KONA EV (SX2 EV)

SUBJECT: SOFTWARE UPDATE FOR MULTIMEDIA KEYBOARD (MKBD)
LOGIC IMPROVEMENT (SERVICE CAMPAIGN TCLA)

This TSB supersedes 24-01-094H to add a note to the GDS Information section on page 2 that an Over-the-Air (OTA) update option is available.

★ 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 Kona Electric (SX2 EV) vehicles may exhibit a dead battery concern linked to the Multimedia Keyboard (MKBD) logic. The MKBD may not enter sleep mode when the vehicle is turned OFF, causing the battery to be drained. Follow the procedure in this TSB to update the software for the MKBD to address this condition.

Applicable Vehicles (Certain):

- 2024–2025MY Kona Electric (SX2 EV) produced 10/05/2023 - 09/19/2024

SST Information:

Tool Name	Tool Number	Figure	Remarks
VCI 3	G0VHNNN06		VCI 3 can be utilized to complete the software updates without additional hardware. If using VCI 2, the ECI Kit will be required to complete the software updates. Ordering information: Website: https://hyundaiesentialtools.com/ Phone: 1-855-763-9199 Email: Hyundaitools@snapon.com Hours: 7 AM – 7 PM CST
VCI 2	G1XDDMN001		
Ethernet Communication Interface (ECI) Kit	G0XDDMN052		

SUBJECT: SOFTWARE UPDATE FOR MULTIMEDIA KEYBOARD (MKBD) LOGIC IMPROVEMENT
(SERVICE CAMPAIGN TCLA)

GDS Information:

System	Event Number	Description
MKBD	1162	SX2/SX2 EV MKBD LOGIC IMPROVEMENT

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

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

Warranty Information:

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
Kona Electric (SX2 EV)	40D215R0	Multimedia Keyboard (MKBD) Software Update	0.3 M/H	96540-BE000LS5	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: Event 1162

Model	System	Part Number	ROM ID	
			Old	New
Kona Electric (SX2 EV)	MKBD	96540-BE000/100	1.06	1.07
		96540-BF100	2.00	2.01

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.

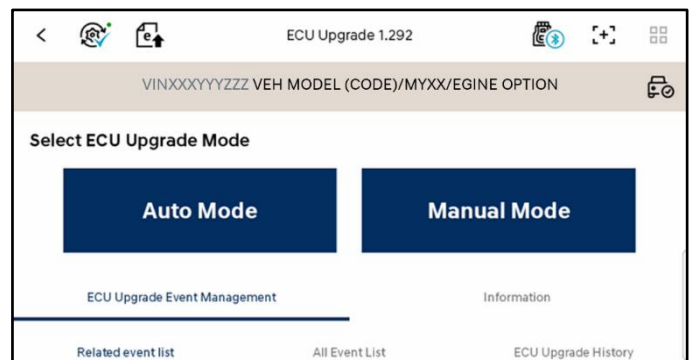
1. Perform the ECU update in **Auto Mode**.

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



Information

Refer to **TSB # 24-GI-012H**, "ECU Update Procedure for Tablet-Based GDS-Smart", for additional information.



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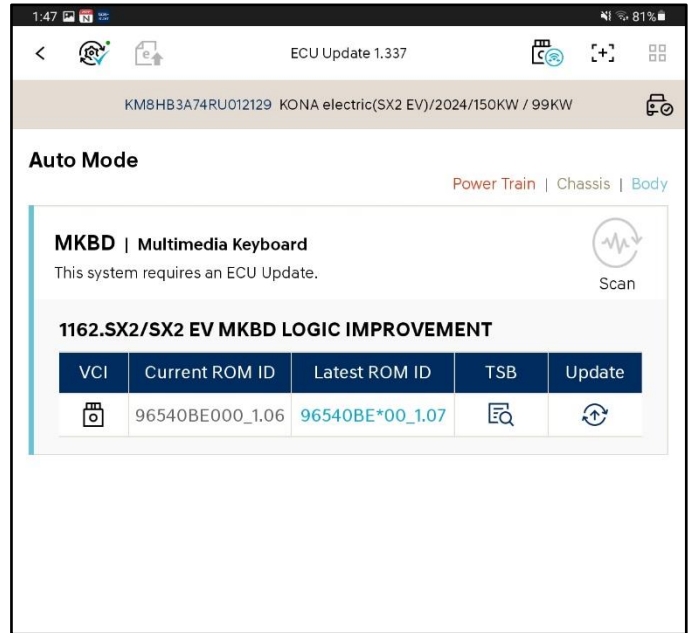
2. Select the **MKBD** system to scan the vehicle's current ROM ID.

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.

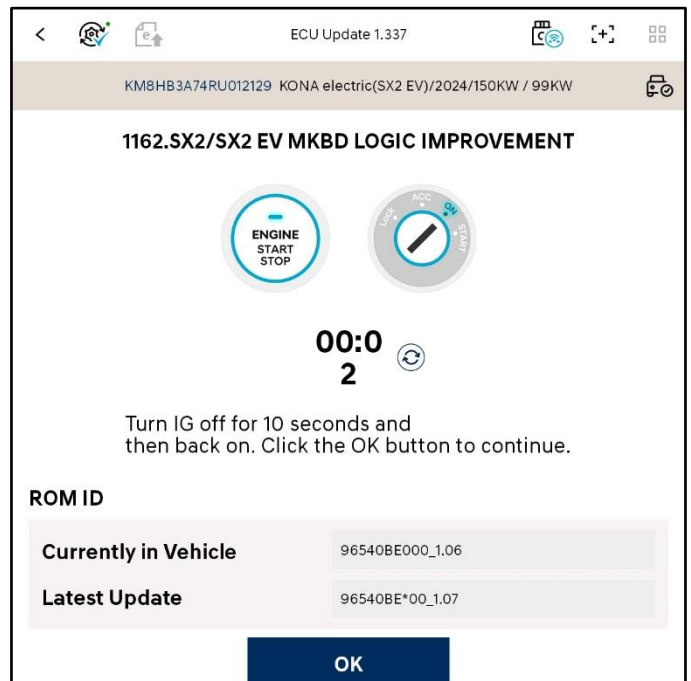


3. After the ECU update process shows 100% complete, follow the prompts on the screen to cycle the ignition **OFF** for at least **10 seconds** to reset the control unit (certain models may take up to **30 seconds**).



Information

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

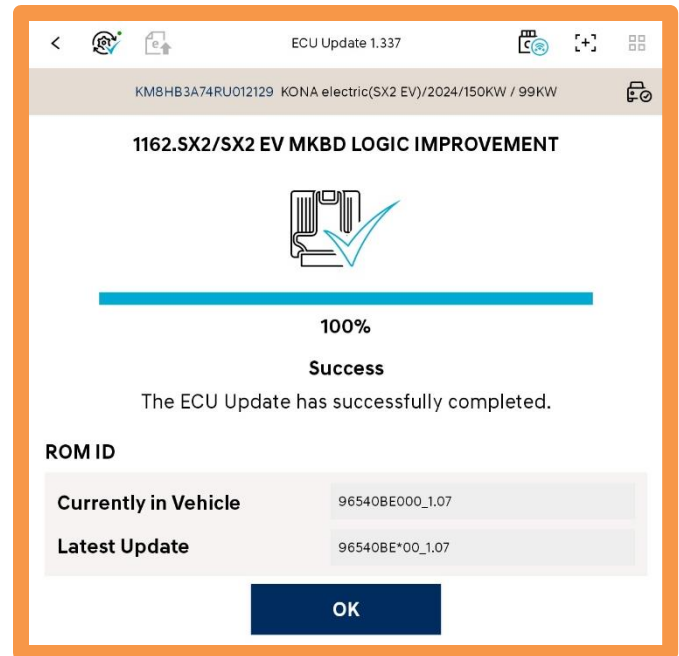


4.

**DIGITAL
DOCUMENTATION**



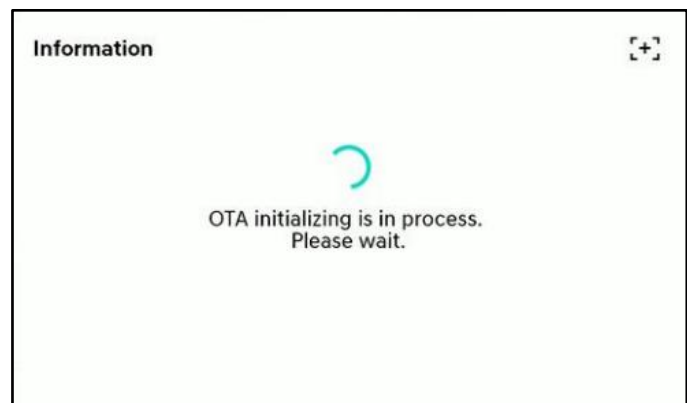
Take a screenshot of the ECU update complete screen using your tablet and upload to STUI.



5. **OTA Initialization:**

After clicking **OK**, the OTA Initialization process will begin.

- If OTA initialization performs automatically, then proceed with the service procedure.
- If the OTA initialization fails, **connect GDS-Smart > S/W Management > Central Communication Unit (CCNF) > OTA Initialization**
Follow the instructions on the screen.



6. After OTA Initialization, remove and reconnect the power connector or the battery (–) connector in the indoor fuse box for at least **5 seconds**.

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



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

NOTICE

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

Manual Mode Password: Event 1162

ECM Menu	Password
SX2 EV MKBD 96540-BE000/100	9762
SX2 EV MKBD 96540-BF100	9763