



## Technical Service Bulletin

GROUP <b>CAMPAIGN</b>	NUMBER <b>24-01-090H</b>
DATE <b>DECEMBER 2024</b>	MODEL(S) <b>KONA (SX2)</b>

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

### \* 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 (SX2) 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):

- 2024-25MY Kona (SX2) produced 06/19/2023 - 09/07/2024

### GDS Information:

System	Event #	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.)

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**Warranty Information:**

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
Kona (SX2)	40D214R0	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 (SX2)	MKBD	96540-BE000/100	1.06	1.07

**Service Procedure:**

**STUI**



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

**NOTICE**

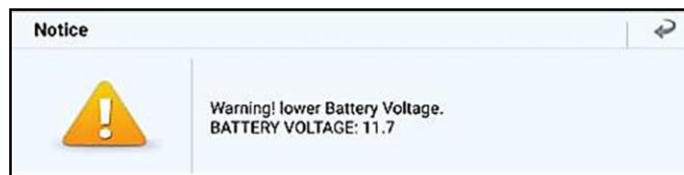
**You must initially perform the GDS ECU update in Auto Mode.**

- If the ECU update starts but then fails in Auto Mode, perform the update in Manual Mode to recover.

**NOTICE**

**GDS Vehicle Battery Low Voltage Warning:**

If voltage is below 12 Volts per the GDS warning, then select **Back** and attach a battery charger to ensure an adequate battery charge for reliable update results. Turn ignition back **ON**, and then retry the ECU update again.



**ECU Update Procedure**

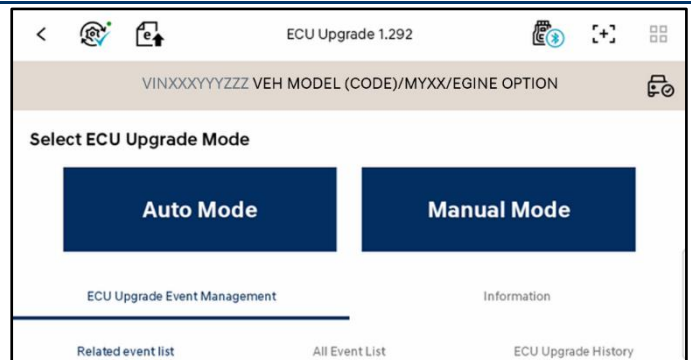
1. Perform the ECU update in **Auto Mode**.

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.

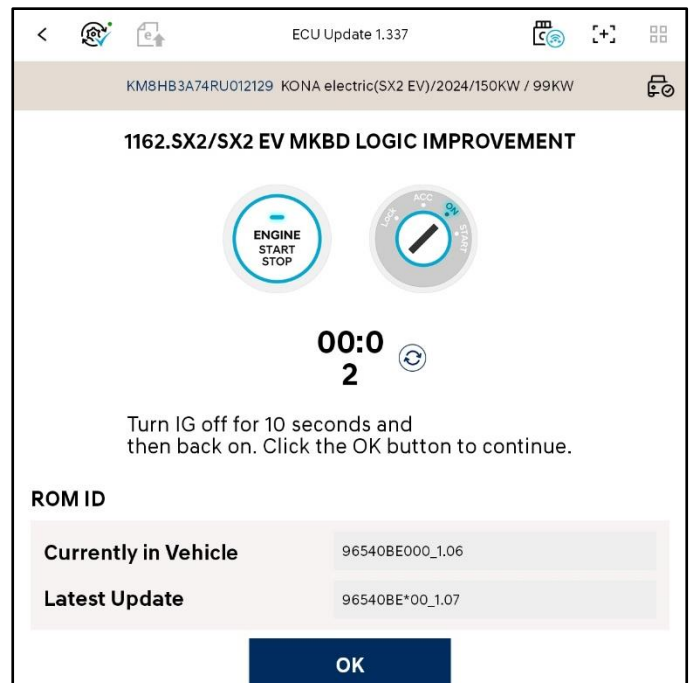
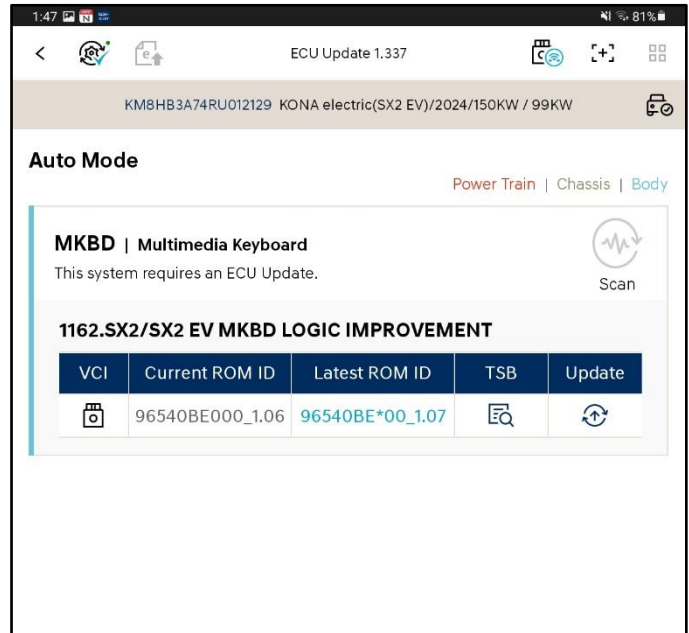
**NOTICE**

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**).


**i** **Information**

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

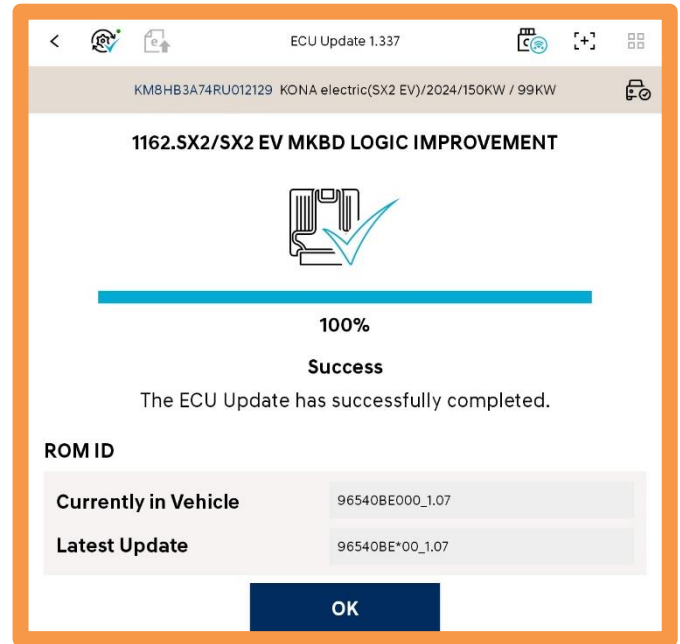


4.

**STUI**



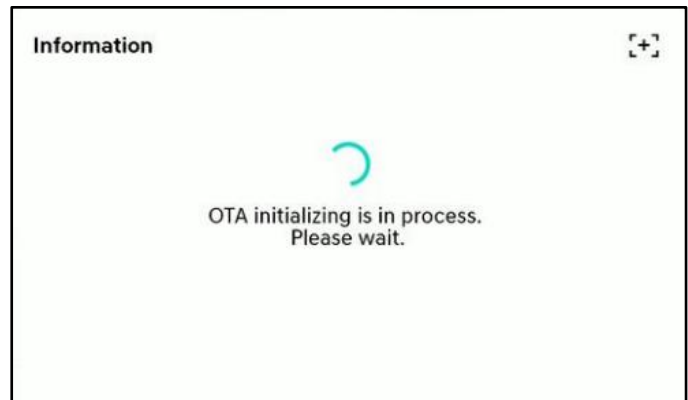
**Take a screenshot of the ECU update complete screen using your tablet and upload to STUI.**



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. Start the engine 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 MKBD 96540-BE000/100	9762