



Technical Service Bulletin

GROUP	NUMBER
CAMPAIGN	24-01-091G
DATE	MODEL(S)
DECEMBER 2024	GV60 (JW1 EV) GV70 EV (JK1A EV) G80 EV (RG3 EV)

SUBJECT: VCU SOFTWARE UPDATE FOR LIMP HOME ENHANCEMENT (SERVICE CAMPAIGN T64G)

* IMPORTANT

Retailers must perform this service campaign on all affected vehicles prior to retail delivery to a guest 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 2023-2025MY GV70 Electrified (JK1A EV), 2023-25MY GV60 (JW1 EV) and 2023-25MY G80 Electrified (RG3 EV) vehicles may exhibit a condition while driving where the 12V battery voltage drops below the operational voltage and the Vehicle Control Unit (VCU) places the vehicle in “Limp Home” mode. The VCU software in this bulletin updates the maximum vehicle speeds for various levels of 12V battery voltage when the vehicle enters “Limp Home” mode.

- Applicable Vehicles (Certain):**
- 2023-2025MY GV60 (JW1 EV) produced from 02/04/2022 – 11/15/2024
 - 2023-2025MY GV70 Electrified (JK1A EV) produced from 01/25/2023 – 11/21/2024
 - 2023-2025MY G80 Electrified (RG3 EV) produced from 02/23/2022 – 10/16/2024

NOTICE

To avoid any potential damage to Genesis EVs, this service campaign can only be performed by EV certified Genesis retailers.

GDS Information:

System	Event #	Description
VCU	1188	JK EV VCU LIMP HOME ENHANCEMENT (23-25MY)
	1189	JW EV VCU LIMP HOME ENHANCEMENT (22~23MY)
	1195	JW EV VCU LIMP HOME ENHANCEMENT (24~25MY)
	1199	RG3 EV VCU LIMP HOME ENHANCEMENT (21~25MY)

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

Warranty Information:

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
GV70 (JKA EV)	40D230R0	VCU Limp Home Enhancement	0.7 M/H	39751-1XKN1	114	ZZ3
GV60 (JW1 EV)				39751-1XJN1		
G80 EV (RG3 EV)				39751-1XRN1		

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 # 1188

Model	System	ECU Part Number	ROM ID	
			Old	New
GV70 (JK1A EV)	VCU	39751-1XKN1	397511XKN1_NS00	397511XKN1_NS06
			397511XKN1_NS01	
			397511XKN1_NS02	
			397511XKN1_NS03	
			397511XKN1_NS04	
			397511XKN1_NS05	

ROM ID Information: Event # 1189

Model	System	ECU Part Number	ROM ID	
			Old	New
GV60 (JW1 EV) (2023MY)	VCU	39751-1XJN1	JW1A-N0-SB3-V400	JW1A-N0-SB8-V400
			JW1A-N0-SB4-V400	
			JW1A-N0-SB5-V400	
			JW1A-N0-SB6-V400	
			JW1A-N0-SB7-V400	

ROM ID Information: Event # 1195

Model	System	ECU Part Number	ROM ID	
			Old	New
GV60 (JW1 EV) (24-25MY)	VCU	39751-1XJN5	JW1M-44E-N30-S00	JW1M-44E-N30-S05
			JW1M-44E-N30-S01	
			JW1M-44E-N30-S02	
			JW1M-44E-N30-S03	
			JW1M-44E-N30-S04	

ROM ID Information: Event # 1199

Model	System	ECU Part Number	ROM ID	
			Old	New
G80 EV (RG3 EV)	VCU	39751-1XRN1	RG3A-N0-SB1-V400	RG3A-N0-SB7-V400
			RG3A-N0-SB2-V400	
			RG3A-N0-SB3-V400	
			RG3A-N0-SB4-V400	
			RG3A-N0-SB5-V400	
			RG3A-N0-SB6-V400	

Service Procedure:**STUI**

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

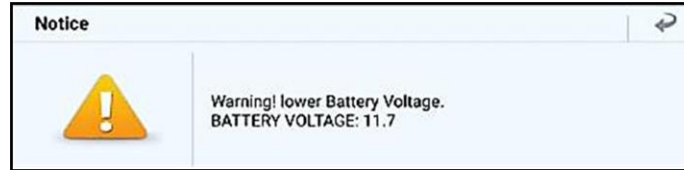
NOTICE

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.

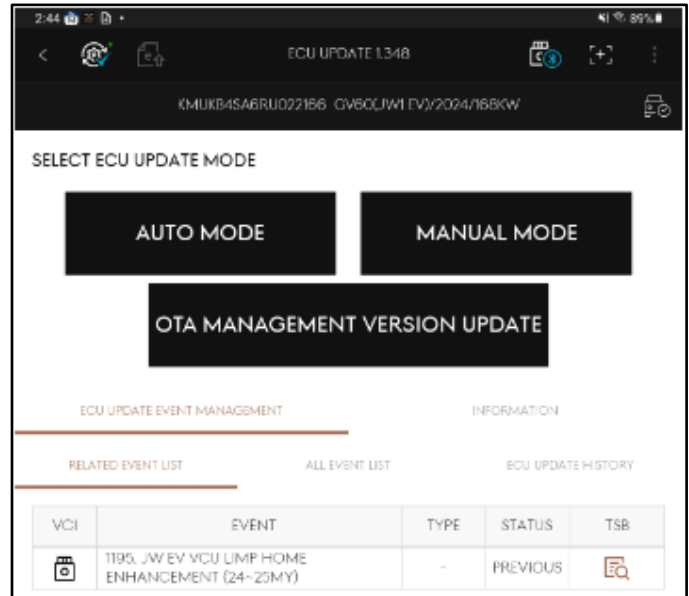


1. Perform the ECU update in **Auto Mode**.

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

i Information

Refer to **TSB # 24-GI-016G**, “**ECU Update Procedure for Tablet-Based Genesis Smart**”, for additional information.



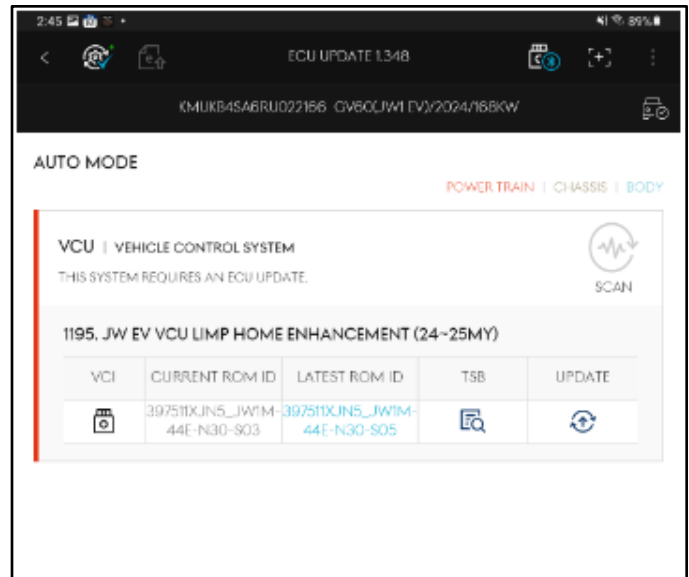
2. Select the **VCU** system to scan the vehicle's current ROM ID.

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, 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.

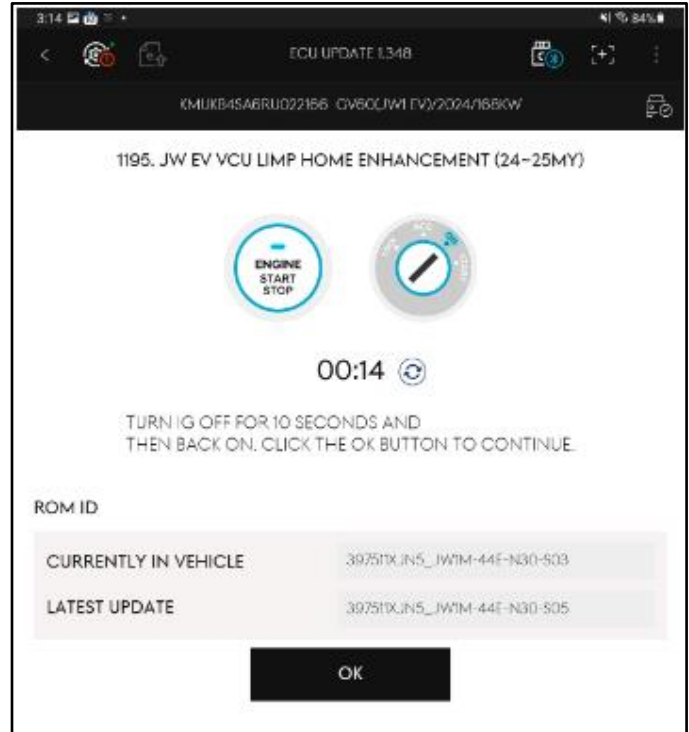


3. After the ECU update process shows 100% complete, follow the prompts on the screen to cycle the ignition **OFF** for at least **10 seconds** to reset the control unit (certain models may take up to **30 seconds**).



Information

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



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.

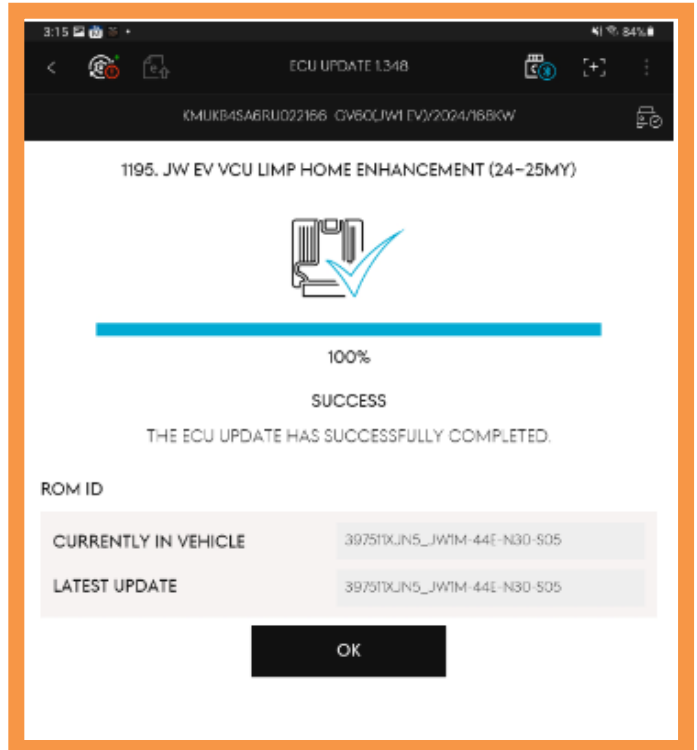


4.

STUI



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



5. Perform an **All Systems Fault Code** search and erase DTC history that had incidentally occurred from the ECU update.
6. Start the vehicle in **Ready** mode to confirm proper operation.

NOTICE

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

Manual Mode Passwords:

Event #	ECM Name	Password
1188	JK EV VCU 39751-1XKN1	3761
1189	JW EV VCU 39751-1XJN1	8400
1195	JW EV VCU 39751-1XJN5	4305
1199	RG3 EV VCU 39751-1XRN1	5111