



Technical Service Bulletin

GROUP	NUMBER
CAMPAIGN	24-01-070G
DATE	MODEL(S)
AUGUST 2024	GV60 (JW1 EV)

SUBJECT: BMS UPDATE FOR DTC P1AA900 – CELL VOLTAGE VARIANCE
(SERVICE CAMPAIGN T57G)

★ 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 GV60 (JW1 EV) vehicles may exhibit a condition where DTC P1AA900 becomes active after charging. The Battery Management System (BMS) software logic could cause an HV battery cell voltage to be misread under specific conditions resulting in a false-positive DTC P1AA900, MIL on, and 80% maximum HV battery charge limit. There is no other effect on the vehicle and all systems remain operational. Regardless of whether the vehicle has an active DTC P1AA900 or not, follow the procedure in this TSB to update the software for the Battery Management System (BMS).

Applicable Vehicles:

- 2023-2024MY GV60 (JW1 EV) produced from 02/11/2022 – 02/13/2024

NOTICE

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

GDS Information:

System Selection: BMS

System	Event #	Description
BMS	1068	JW1 P1AA900 CELL VOLTAGE VARIANCE

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

Warranty Information:

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
GV60 (JW1 EV)	40D118R0	BMS Software Update	0.3 M/H	375A0-CU060	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 # 1068

Model	System	ECU Part Number	ROM ID	
			Old	New
GV60 (JW1 EV)	BMS	375A0-CU060	375A0CU060_5100	375A0CU060_5200

Service Procedure:

STUI



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

NOTICE

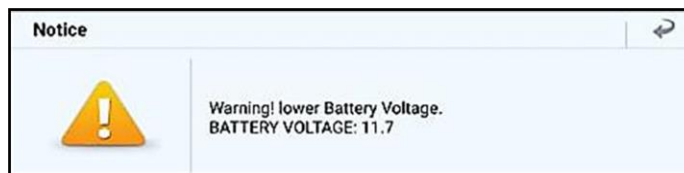
You must initially perform the GDS ECU update in Auto Mode.

- 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.



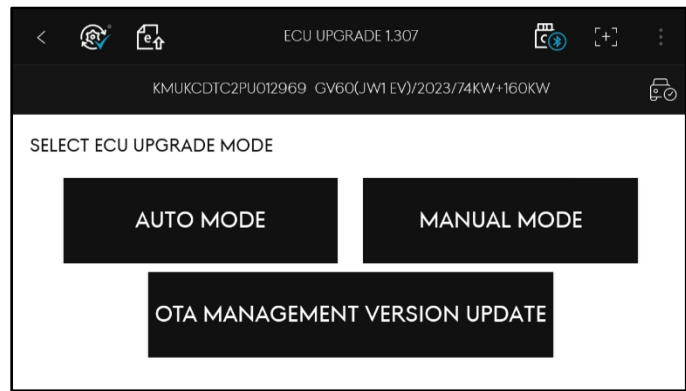
ECU Update Procedure:

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

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

i Information

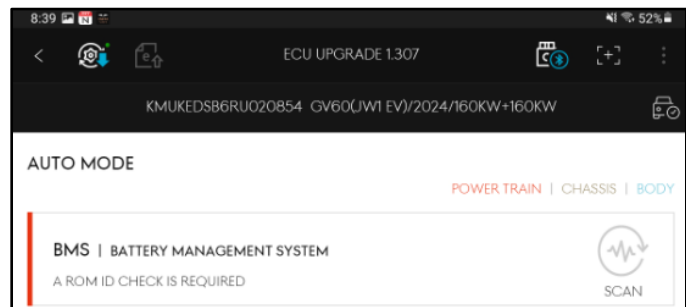
Refer to **TSB # 24-GI-016G**, “ECU Update Procedure for Tablet-Based Genesis Smart”, for additional information.



2. Select the **BMS** system to scan the vehicle’s current ROM ID.

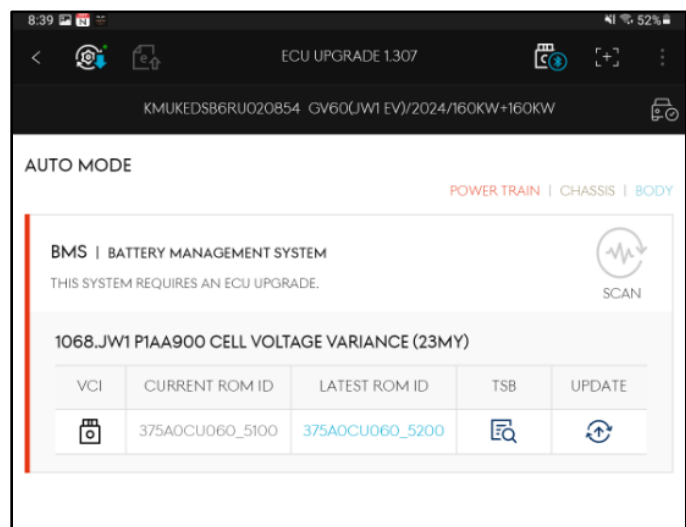
NOTICE

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



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.

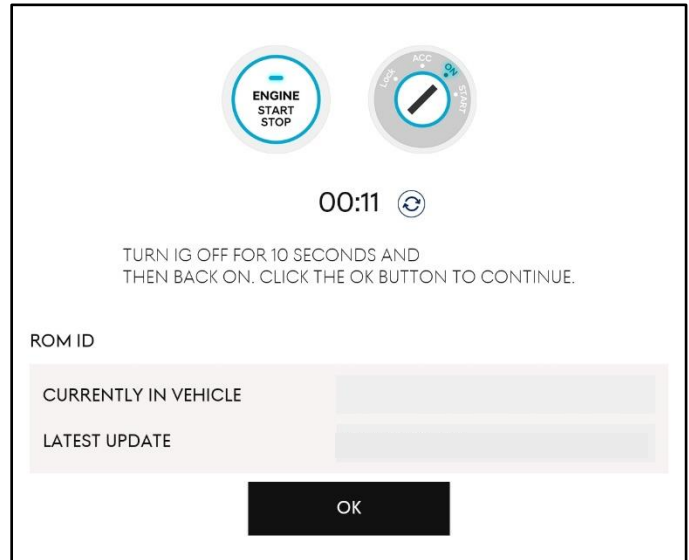


- After the ECU update process shows 100% complete, follow the prompts on the screen to cycle the ignition **OFF** for at least **10 seconds** to reset the control unit (certain models may take up to **30 seconds**).



Information

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

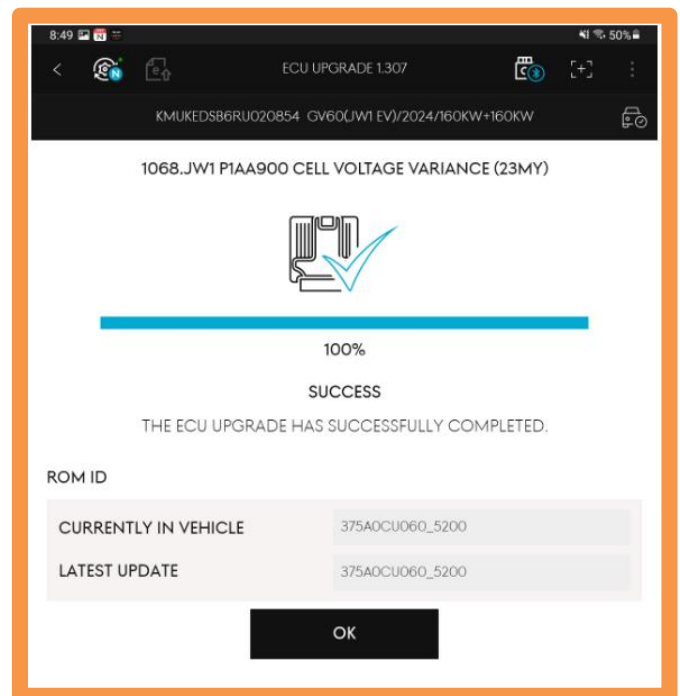


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STUI



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



- Perform an **All Systems Fault Code** search and erase DTC history that had incidentally occurred from the ECU update.
- 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 Password: Event # 1068

ECM Menu	Password
JW1 EV BMS 375A0-CU060	9847