SUBJECT: INSTRUMENT CLUSTER LOGIC UNIT (CLU) SOFTWARE UPDATE (RECALL 026G)

This TSB supersedes 25-01-007G-1 to include an additional ROM ID for G80 (RG3).

★ IMPORTANT

Vehicle repairs related to safety recalls are critically important and must be performed properly in accordance with TSB procedures. Review this bulletin in its entirety prior to beginning any repair work.

As required by federal law, retailers must not deliver new vehicles for sale or for lease to guests until all open recalls have been performed. Retailers must also perform all open recalls on used vehicles, demo, and rental vehicles prior to placing them into guest use and whenever an affected vehicle is in the shop for any maintenance or repair.

Access the "Vehicle Information" screen via WebDCS to identify open recalls.

Description: Certain 2023–2024MY G80 (RG3), GV80 (JX1), 2023–2025MY GV70 Electrified (JK1A EV), and 2025MY GV70 (JK1/JK1A) vehicles' instrument panel ("IP") cluster display(s) may be inoperative or exhibit intermittent performance with partial/flickering image display due to erroneous software logic upon vehicle start up. In their failed state, the vehicles being recalled do not meet certain requirements set forth in Federal Motor Vehicle Safety Standard No. 101, "Controls and Displays." An inoperative or degraded IP cluster image could mask essential gauges, such as the speedometer, fuel gauge, and certain on-screen notifications associated with motive powertrain, and increase the risk of a crash.

This bulletin provides instructions to update the instrument panel (IP) cluster display software.

Applicable Vehicles (Certain):
- 2023–2024MY G80 (RG3) produced from 01/05/2023 – 04/13/2024
- 2023–2024MY GV80 (JX1) produced from 01/06/2023 – 03/06/2024
- 2025MY GV70 (JK1) (KMU) produced from 03/16/2024 – 01/11/2025
- 2025MY GV70 (JK1A) (5NM) produced from 06/14/2024 – 02/08/2025
- 2023–2025MY GV70 Electrified (JK1A EV) produced from 02/08/2023 – 01/30/2025

NOTICE

Any affected GV70 Electrified vehicles must have this service campaign performed by EV certified Genesis retailers to avoid any potential damage.

Circulate To: General Manager, Service Manager, Parts Manager, Warranty Manager, Service Advisors, Technicians, Body Shop Manager, Fleet Repair

GDS Information:

System	Event Number	Description
CLU	1196	RG3 8 Inch Cluster Logic Improvement
	1197	JX1 8 Inch Cluster Logic Improvement
	1218	JK1, JK1 EV, JK1A, JK1A EV Cluster (8 Inch) Logic Improvement

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

SST Information:

Tool Name	Tool Number	Figure	Remarks
VCI 3	G0VPNNN006		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://genesisessentialtools.com/ Phone: 1-855-763-6630 Email: Genesistools@snapon.com Hours: 7 AM – 7 PM CST
VCI 2	G1XDDMN002		
Ethernet Communication Interface (ECI) Kit	G0XDDMN052	**+**	

Warranty Information:

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
G80 (RG3) GV80 (JX1)	51D035R0	Cluster Update	0.3 M/H	94001-T1150	I14	ZZ3
GV70 (JK1) (KMU)	51D035R6			94001-AR150		
GV70 (JK1A) (5NM)	51D035R7			94001-IY010		
GV70 Electrified (JK1A EV)	51D035R8			94001-IT000		

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.
NOTE 4: If consistent software upgrade failures occur and the Cluster Module is **NOT** recoverable, please contact Techline at **(800) 325-6604**.

ROM ID Information:

Model	Event Number	System	ECU Part Number	ROM ID Old	ROM ID New
G80 (RG3)	1196	CLU	94002-T1040	02000410 02052000	02052001
			94002-T1100		
			94002-T1110		
			94001-T1070		
			94001-T1150		
			94001-T1160		
GV80 (JX1)	1197		94002-T6060	02000410	
			94002-T6070		
			94001-T6100		
			94001-T6110		
GV70 (JK1) (VIN: KMU…)	1218		94003-AR200	02000707 02070706	02080000
			94003-AR210		
			94003-AR220		
			94003-AR230		
			94001-AR100		
			94003-AR240		
			94001-AR110		
			94003-AR190		
			94003-AR250		
			94003-AR260		
			94003-AR270		
			94002-AR100		
			94001-AR120		
			94003-AR280		
			94002-AR110		
			94001-AR130		
			94003-AR290		
			94003-AR300		
			94003-AR310		
			94003-AR320		
			94003-AR330		
			94003-AR340		
			94002-AR120		
			94002-AR130		
			94001-AR140		
			94001-AR150		
GV70 (JK1A) (VIN: 5NM…)			94001-IY000 94001-IY010	02070006	02080000
GV70 Electrified (JK1A EV) (VIN: 5NM…)			94001-IT000	02001202 02084003 02084004	02094000

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.

i **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.

Configuration of Ethernet Communication on Tablet PC

ℹ️ Information

Refer to **TSB 23-GI-005G**, "**Configure Ethernet Connection on GDS Tablet to Enable Over-the-Air (OTA) Software Update**", for detailed information on configuring Ethernet communication for setup.

1. Connect the Ethernet Communication Interface (ECI) DLC cable to the OBD connector of the vehicle.

2. Connect the VCI 2 DLC cable to the ECI.

3. Select the appropriate tablet cable (type C, 5-pin) to the ECI.

4. Connect the cable to the tablet PC.
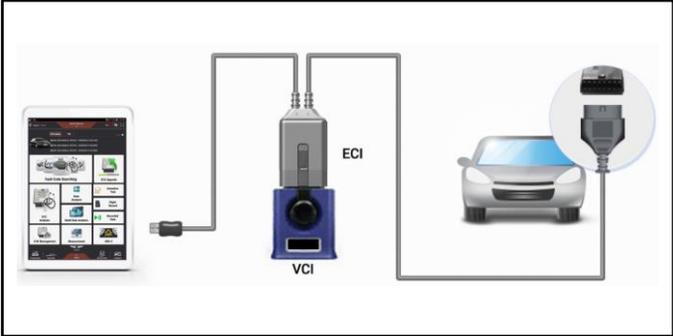
ℹ️ Information

The connection between the VCI 2 and tablet PC is wireless, whereas the tablet PC is connected to the vehicle through the ECI (Ethernet Adapter).

If using the VCI 3, the ECI is **NOT** needed. Connect the tablet directly to the VCI 3 using the USB-C to 19 Pin Cable supplied in the VCI 3 Kit.

ECU Update Procedure

1.

NOTICE

The 2025 GV 70 (JK1/JK1A) may have an engine choice option. Select the (PE) engine option. Otherwise, a message "There Is No Related Event" will appear.

If the wrong engine was selected, then return to the Menu to select the PE engine.

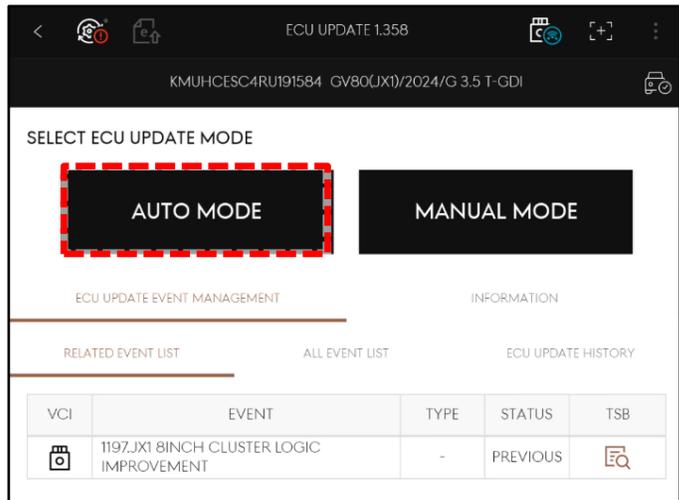| Vehicle	Year	Engine Type
GV70(JK1a)	2025	G 2.5 T-GDI THETA III
GV70(JK1a)	2025	G 2.5 T-GDI THETA III(PE)

Close   Select

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2.   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.

3.   Select the **CLU** 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.
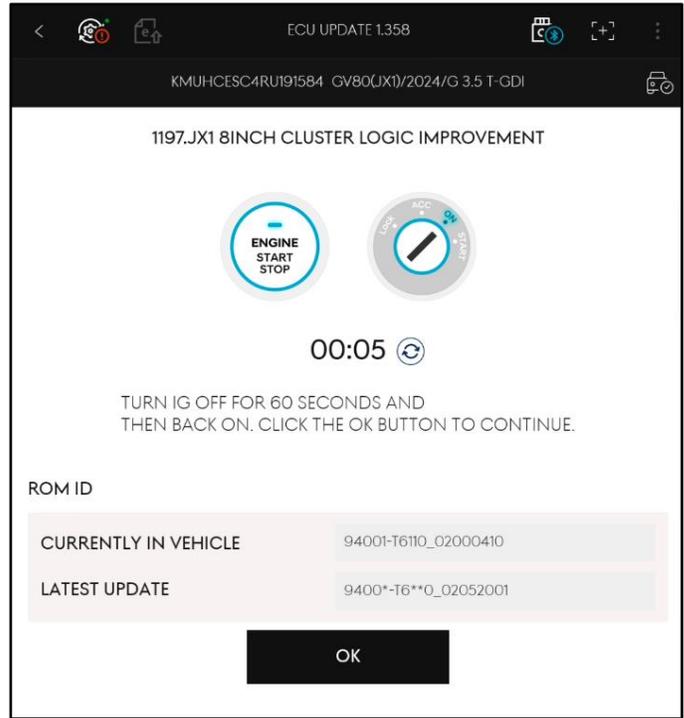
> **NOTICE**
>
> If consistent software upgrade failures occur and the Cluster Module is **NOT** recoverable, please contact Techline at (800) 325-6604.
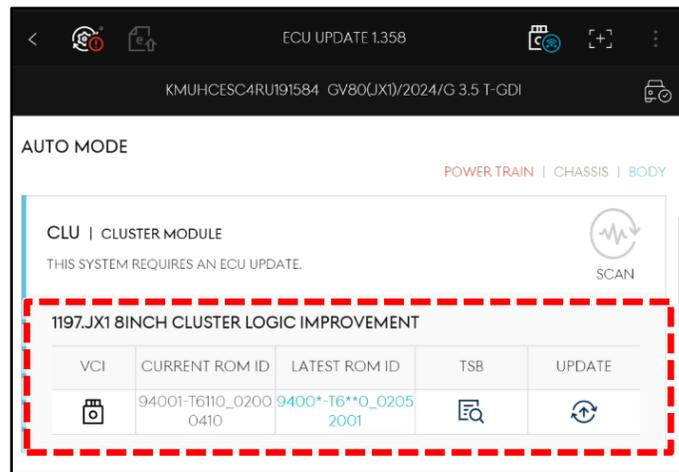
4. After the ECU update process shows **100%** complete, follow the prompts on the screen to cycle the ignition **OFF** for **60 seconds**.
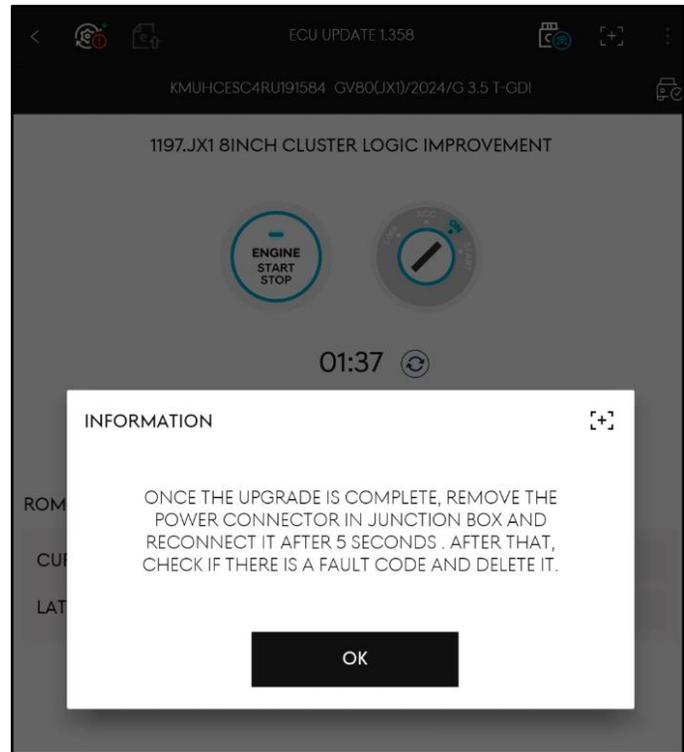
> ℹ️ **Information**
>
> Use the **Refresh** button to reset the timer.

5. Perform the prompted procedure after the software update is completed.

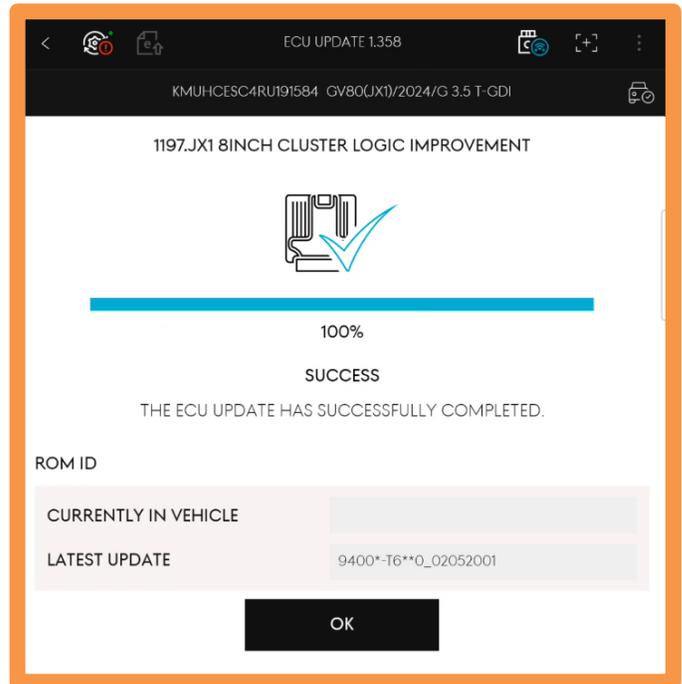   Software update is completed when the "**SUCCESS**" screen is displayed on the GDS.
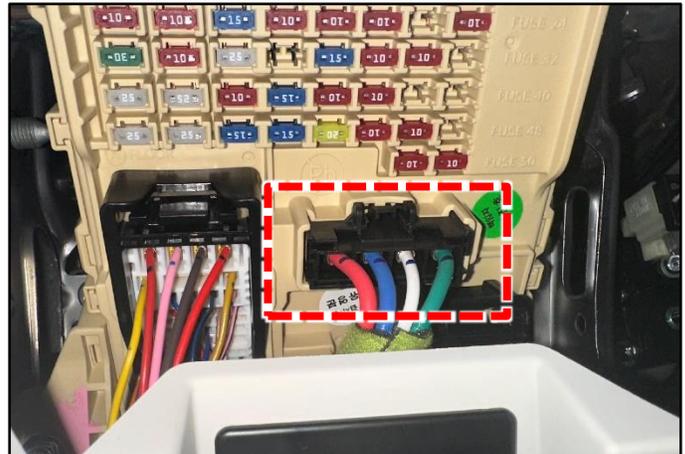
6.

DIGITAL DOCUMENTATION

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

7. Remove the power connector of the indoor fuse box and reconnect after **5 seconds**.

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

i **Information**

Since power was disconnected, reconnection of the VCI will be required before running the fault code search.

9. Start the engine or 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.
>
> If consistent software upgrade failures occur and the Cluster Module is **NOT** recoverable, please contact Techline at (800) 325-6604.

Manual Mode Password:

Event Number	ECM Menu	Password
1196	RG3 CLU 94002-T1040/100/110,94001-T1070/150/160	1420
1197	JX1 CLU 94002-T6060/70, 94001-T6100/110	6250
1218	JK1 CLU 94003-AR200/210/220/230/240/190/250/260/270/280/290/300/310/320/330/340,94001-AR100/110/120/130/140/150, 94002-AR100/110/120/13	9400
	JK1a CLU 94001-IY000/10	1004
	JK1a EV CLU 94001-IT000	0001