



Technical Service Bulletin

GROUP CAMPAIGN	NUMBER 24-01-062G
DATE JULY 2024	MODEL(S) SEE BELOW

SUBJECT: CCU SOFTWARE LOGIC IMPROVEMENT (SERVICE CAMPAIGN T50G)

★ 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 GV80 (JX1) vehicles may experience battery drain while the ignition is OFF. This bulletin provides instructions to update the Central Communication Unit (CCU) via GDS/Ethernet to improve the logic of the CCU to correct this issue.

Applicable Vehicles (Certain):

- 2025MY GV80 (JX1) produced from 03/05/2024 - 06/22/2024

GDS Information:

System Selection: CCU_CCNF

System	Event Number	Description
CCU	1132	JX1 CCU PNC LOGIC IMPROVEMENT (Unit1)

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

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

Required Equipment/Supplies:

Tool Name	Remarks
Genesis Smart	Must be used together to update CCU system
Ethernet Communication Interface (ECI) Genesis ECI Package: Part # G1XDD-MN052 Contact GIT America for support @ (888) 437-0308	

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

Warranty Information:

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
GV80 (JX1)	40D111R1	CCU Update (Unit 1)	0.3 M/H	91920-T6000	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:

Model	System	Event Number	ECU Part Number	ROM ID	
				Old	New
GV80 (JX1)	CCU	1132	91920-T6000	1.31.55 (Unit 1)	1.31.61 (Unit 1)

Service Procedure:

STUI

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

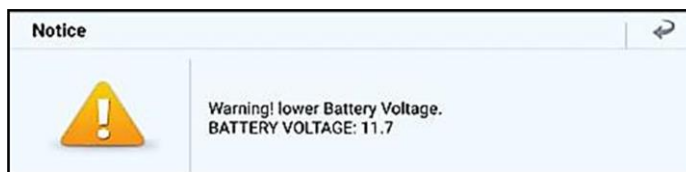
NOTICE

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.

**Information**

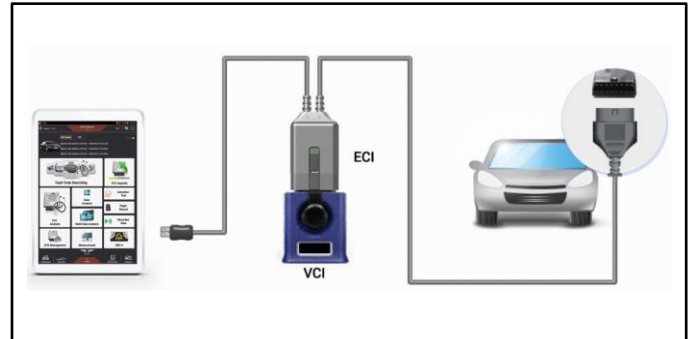
- Turn off all lamps (do **NOT** leave head lamp switch in auto mode) and all accessories.
- Perform update with the ignition switch in the **ON** position.
- Do **NOT** disconnect any cables connected to the vehicle or scan tool during update.
- Do **NOT** start the engine during update.
- Do **NOT** turn off the ignition switch during update.

Configuration of Ethernet Communication on Tablet PC

i Information

Refer to **TSB 23-GI-005G** 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 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.

**i** Information

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

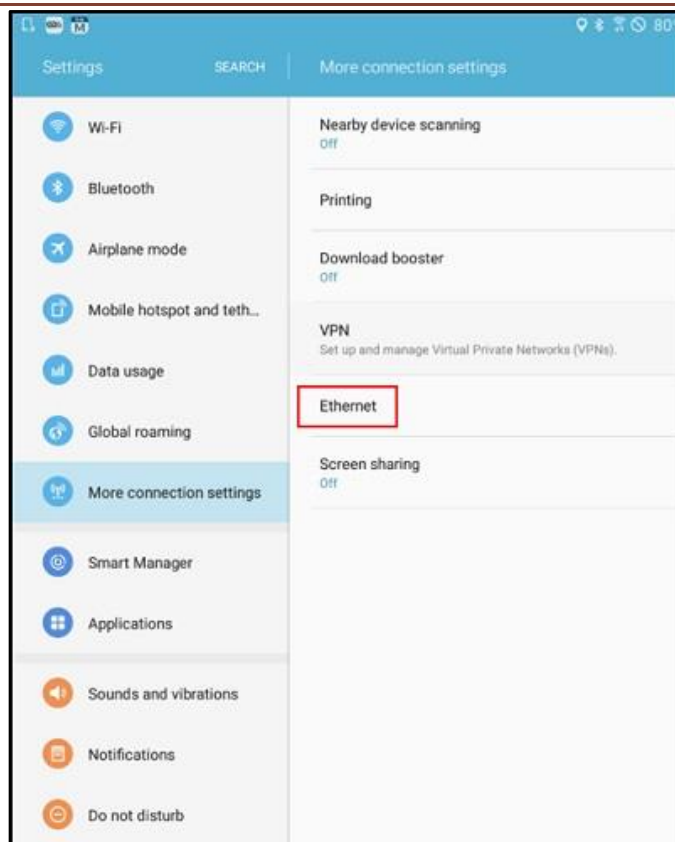
Make sure that the tablet PC's battery is charged before upgrading the ECU.

GDS Smart & ECI Installation

1. Connect the ECI to Genesis Smart.
2. Configure IP to connect the Ethernet (needed once for initial connection).
3. Go to **Tablet settings > Connections (optional) > More connection settings > Ethernet** (Menu name and location may differ depending on tablet PC).

**Information**

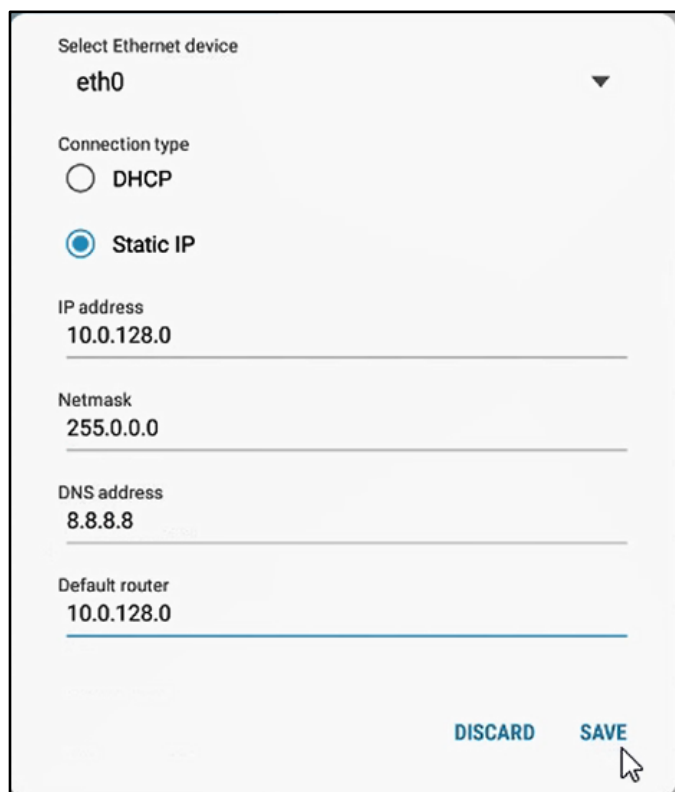
Refer to **23-GI-005G** for detailed information on configuring Ethernet communication for OTA software updates.



The settings should match those shown at right when Ethernet connection is configured.

**Information**

- Ethernet menu may **NOT** appear on screen if tablet does not support Ethernet.
- If Ethernet is not active on screen, restart the tablet PC and check cable connections.



ECU Update Procedure

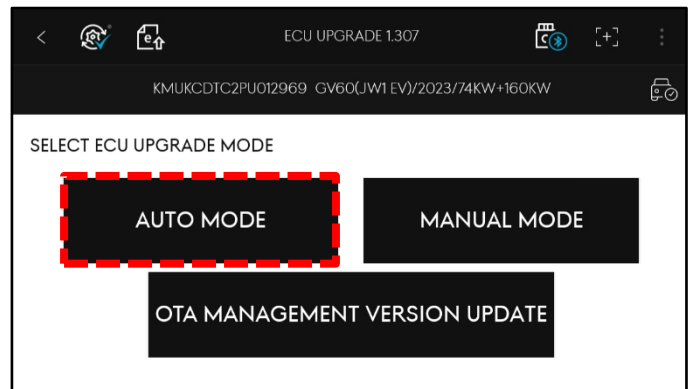
1. ECI Module is required to begin.

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.



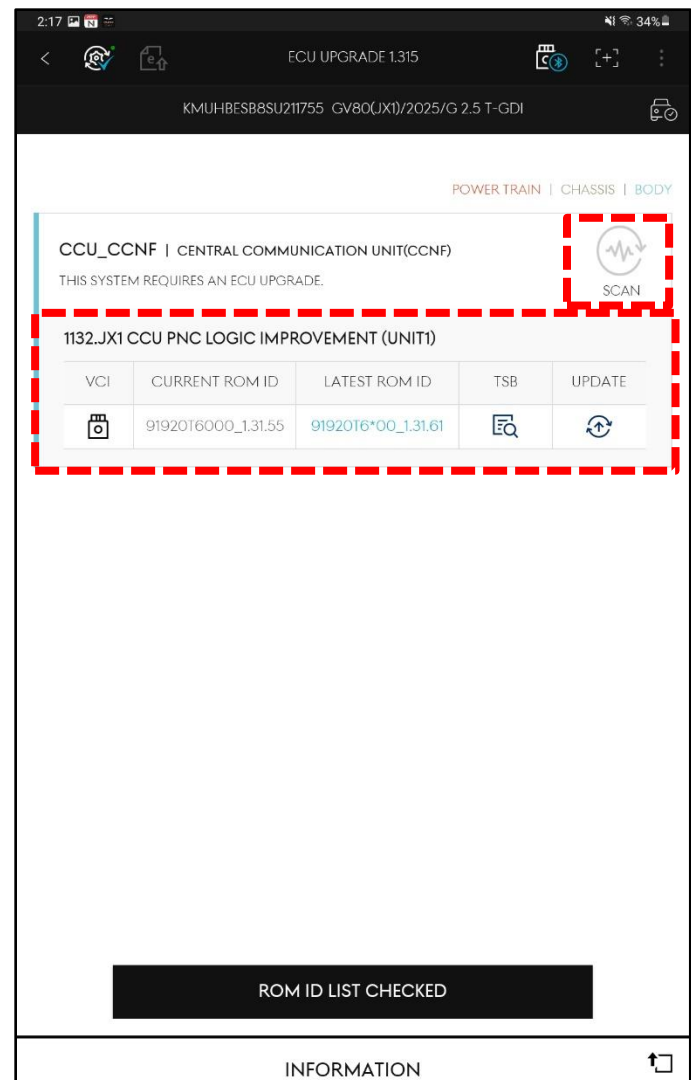
2. Select the **CCU_CCNF** system to scan the vehicle's current ROM ID.

NOTICE

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

NOTICE

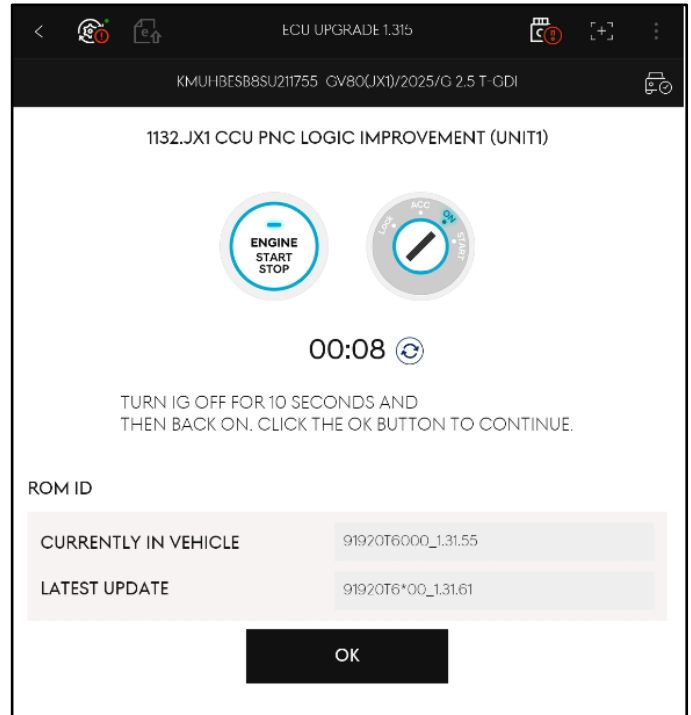
If the update fails, please remove the power connector or the battery (–) connector from the indoor fuse box for at least **5 seconds** and reassemble it to retry the update.



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**

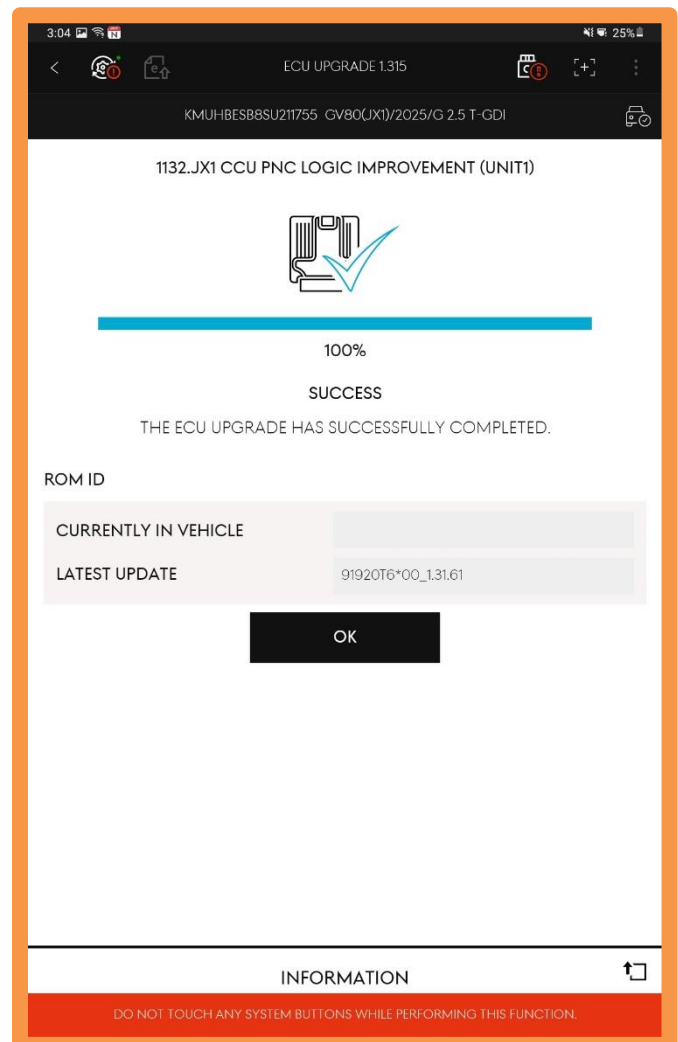
Use the **Refresh** button to reset the timer.



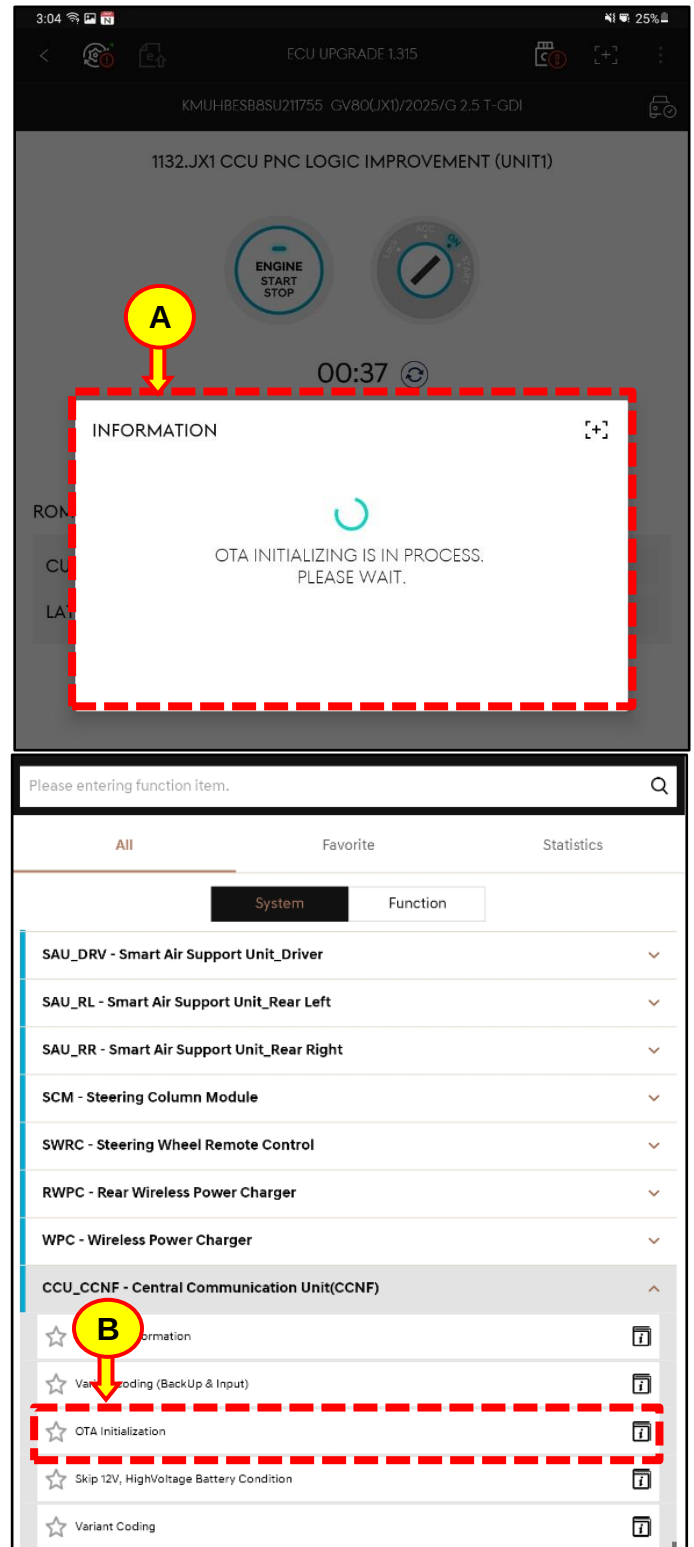
4.

STUI

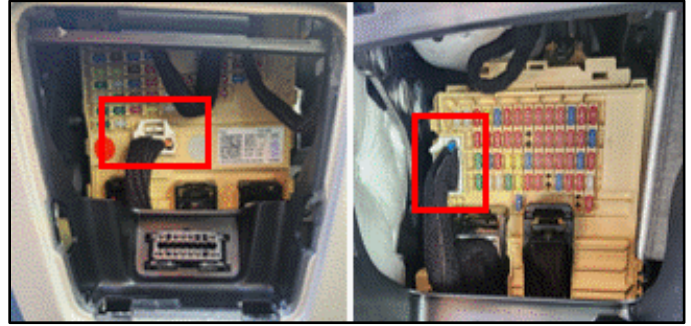
Take a screenshot of the ECU update complete screen using your tablet and upload to STUI.



5. OTA initialization should perform automatically (A):
- If OTA initialization performs automatically. Then proceed with the service procedure.
 - If the OTA initialization process fails, complete it manually under: S/W Management > CCU_CCNF - Central Communication Unit(CCNF) > OTA Initialization (B).



6. After the OTA initialization, disconnect the power connector in the indoor fuse box, wait at least 5 seconds, and reconnect.



7. Perform an **All Systems Fault Code** search and erase DTC history that had incidentally occurred from the ECU update.
8. Start the engine to confirm proper operation of the vehicle.

**Information**

For multiple ECU updates, go back to the Auto Mode screen to view all updates available in one screen.

NOTICE

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

Manual Mode Password:

Event Number	ECM Menu	Password
1132	JX1 CCU 91920-T6000/500 (Unit1)	7843