



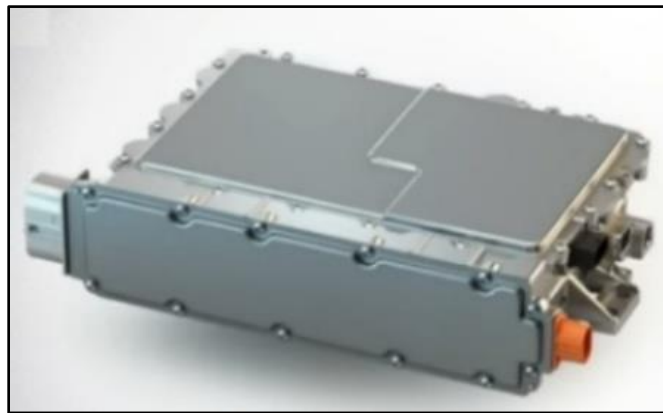
Technical Service Bulletin

GROUP ELECTRIC VEHICLE SYSTEM	NUMBER 26-EV-004G
DATE JUNE 2026	MODEL(S) SEE BELOW

SUBJECT: DTC VERIFICATION – INTEGRATED CHARGING CONTROL UNIT (ICCU) REPLACEMENT (WARRANTY EXTENSION Z06G)

Description: Genesis is extending the warranty coverage for the Integrated Charging Control Unit (ICCU) and ICCU fuse to 15 years / 180,000 miles from the date of original retail delivery or date of first use (whichever occurs first) and is valid for original and subsequent owners.

Follow the flowchart in this bulletin to check for an active or stored occurrence of any Diagnostic Trouble Code (DTC) that requires replacement of the ICCU and replace the ICCU and ICCU fuse if necessary. Some vehicles may have an active DTC that requires ICCU replacement.



Applicable Vehicles:

Model Year	Model	Production Dates
2023 – 2025	GV60 (JW1 EV)	02/04/2022 – 10/19/2024
	GV70 Electrified (JK1A EV)	01/25/2023 – 12/11/2024
	G80 Electrified (RG3 EV)	02/23/2022 – 08/22/2024

NOTICE

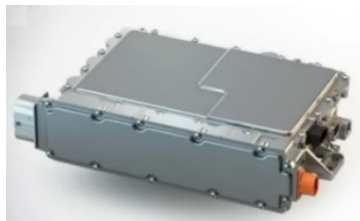
To avoid any potential damage to Genesis EVs, Genesis EV repairs can only be performed by EV certified Genesis retailers.

**SUBJECT: DTC VERIFICATION – INTEGRATED CHARGING CONTROL UNIT (ICCU) REPLACEMENT
(WARRANTY EXTENSION Z06G)**

DTC Information:

DTC	Description
P1A9096	DC/DC Converter Input Voltage Sensor Fault
P1E011C	PFC Voltage Sensor Reliability and Initial Offset Value Check
P1E0211	PFC Voltage Sensor Circuit Low
P1E1300	Inverter Charging Relay Fault
P1E1417	PFC Output Voltage Too High
P1E0C73	Input Relay Stuck Closed Check
P0D5C00	Battery Charger Hybrid/EV Battery Output Power Performance

Parts Information:



Model	Model Year	Part Name	Part Number	Remarks
GV60 (JW1 EV)	2023	ICCU Assy (Integrated Charging Control Unit)	36400- 1XCA0AQQH	
	2024 – 2025		36400- 1XCA1AQQH	
GV70 Electrified (JK1A EV)	2023 – 2025		36401- 1XDA0AQQH	
G80 Electrified (RG3 EV)			36401- 1XBA0AQQH	
GV60 (JW1 EV)	2023 – 2025		Fuse – High Voltage	
GV70 Electrified (JK1A EV)		18790- 00728QQH		
G80 Electrified (RG3 EV)				
All	All	Pink, Antifreeze / Coolant	00232- 19098	3.8L (1 gallon)

NOTICE

Do NOT install the fuse prior to ICCU replacement. If the vehicle is placed in **Ready Mode** after replacing only the fuse and not the ICCU, DTC **P1B77** and EV Battery PRA damage may occur. Refer to the shop manual to determine if fuse replacement is required for the specific DTC.

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SST Information:

Tool Name	Tool Number	Figure	Ordering Information
VCI 3	G0VPNNN006		Website: https://genesisessentialtools.com/ Email: Genesistools@snapon.com Phone: 1-855-763-6630 Hours: 7 AM – 7 PM CST
VCI 2	G1XDDMN002		

NOTE: VCI 2 can **NO** longer be ordered.

**SUBJECT: DTC VERIFICATION – INTEGRATED CHARGING CONTROL UNIT (ICCU) REPLACEMENT
(WARRANTY EXTENSION Z06G)**

Warranty Information:

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
GV60 (JW1 EV)	60D103R0	DTC Check (LDC), and ICCU and Fuse Replacement (P1A9096)	2.1 M/H	36400-1XCA1	W11	ZZ3
GV70 Electrified (JK1A EV) G80 Electrified (RG3 EV)	60D103R1	DTC Check (LDC), and ICCU and Fuse Replacement (P1A9096)	3.3 M/H	36401-1XDA0 (GV70 Electrified) 36401-1XBA0 (G80 Electrified)		
GV60 (JW1 EV)	60D103R2	DTC Check (OBC) and ICCU Replacement (P1E011C, P1E0211, P1E1300, P1E1417, P1E0C73, P0D5C00)	2.0 M/H	36400-1XCA1		
GV70 Electrified (JK1A EV) G80 Electrified (RG3 EV)	60D103R3	DTC Check (OBC) and ICCU Replacement (P1E011C, P1E0211, P1E1300, P1E1417, P1E0C73, P0D5C00)	3.2 M/H	36401-1XDA0 (GV70 Electrified) 36401-1XBA0 (G80 Electrified)		
GV60 (JW1 EV)	60D103R4	DTC Check (Others) and ICCU Replacement	2.0 M/H	36400-1XCA1		
GV70 Electrified (JK1A EV) G80 Electrified (RG3 EV)	60D103R5	DTC Check (Others) and ICCU Replacement	3.2 M/H	36401-1XDA0 (GV70 Electrified) 36401-1XBA0 (G80 Electrified)		

NOTE 1: If the affected parts are within the warranty period of 15 years / 180,000 miles, then submit as campaign claim type. Please note that any vehicles under 15 years / 180,000 miles are covered by this TSB, even if vehicle is within High Voltage Warranty of 10 years / 120,000 miles.

NOTE 2: This TSB includes repair justification in the form of automatically uploaded DTC(s) via GDS e-report at the time of diagnosis. To ensure adherence to the Digital Documentation Policy before claim submission, DTC history can be reviewed via the e-Report function within the GDS.

NOTE 3: The incident parts are subject to callback through the normal Warranty Technical Center (WTC) parts return process. **Claim is subject to debit if the part is not returned.**

NOTE 4: If any part(s) not subject to this TSB are found in need of replacement while performing the repair procedure, and the affected part(s) are still under warranty, the retailer may submit a separate claim using the same repair order. If the part(s) not subject to this TSB are out of warranty coverage, the retailer has the option to submit a Prior Approval (PA) Request for goodwill consideration on a case-by-case basis.

Service Procedure:

DIGITAL DOCUMENTATION



This TSB includes repair justification in the form of automatically uploaded DTC(s) via GDS e-Report at the time of diagnosis. To ensure adherence to the Digital Documentation Policy before claim submission, DTC history can be reviewed via the e-Report function within the GDS.

NOTICE

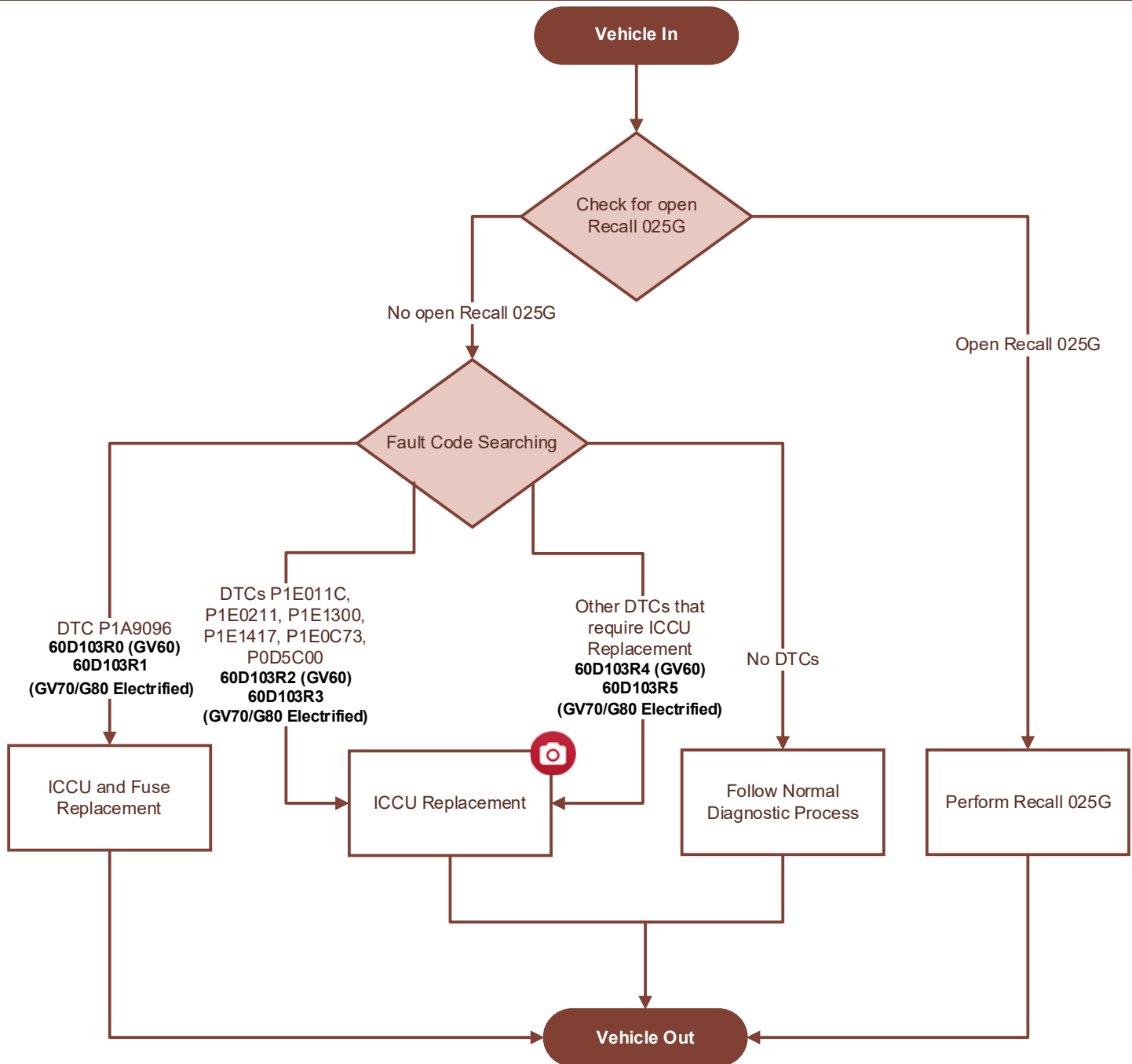
Applying the recommended torque to all fasteners is essential to reduce potential issues from occurring after the service procedure.

⚠ WARNING

Read the **Safety and Precautions** and **High Voltage Shut-off Procedures** sections of the shop manual before performing any work related to high-voltage systems. Failure to do so may result in serious electrical injuries.

Follow your national/state regulations when performing work on or around high voltage components.

Flowchart



1) If there is a LDC (Low-voltage DC-DC Converter) related DTC (**P1A9096**), replace the ICCU **AND** ICCU fuse following the shop manual and proceed with the claim using the warranty extension OP code (**60D103R0 or 61D103R1**).

2) If there are OBC (On Board Charger) related DTCs (**P1E011C, P1E0211, P1E1300, P1E1417, P1E0C73, P0D5C00**), replace the ICCU **ONLY** following the shop manual and proceed with the claim using the warranty extension OP code (**60D103R2 OR 61D103R3**).

3) If there are other DTCs that require ICCU replacement, replace the ICCU **ONLY** following the shop manual and proceed with the claim using the warranty extension OP code (**60D103R4 OR 61D103R5**).

1. Confirm that Recall 025G has already been performed on the vehicle:
 - If Recall 025G has **NOT** been performed, refer to **TSB #26-01-024G** to perform the recall. This service procedure is now complete.
 - If Recall 025G has been performed, proceed to **step 2**.
2. Use the GDS to perform **Fault Code Searching** for any DTC that requires ICCU replacement:
 - If the DTC does **NOT** require ICCU replacement, or **NO** DTC is stored, then proceed with the normal diagnostic process. This service procedure is now complete.
 - If the DTC requires ICCU replacement, proceed to **step 3**.

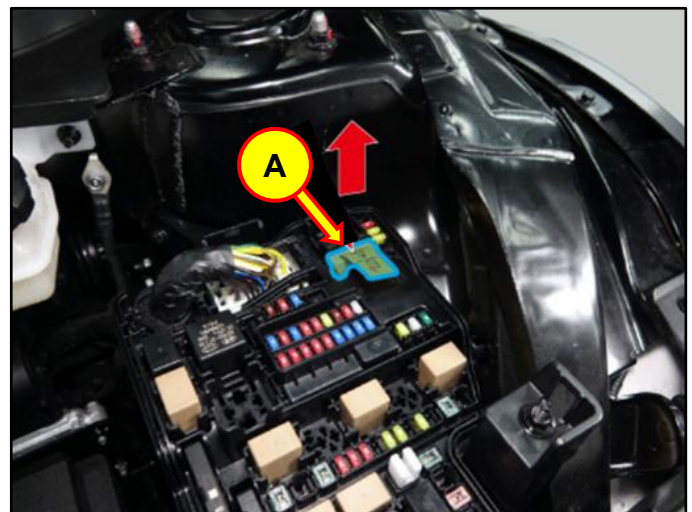
i Information

If DTC **P1A9096** is stored, it is necessary to replace the ICCU fuse **after** replacing the ICCU.

3. Shut **OFF** the high-voltage circuit (A) by referring to the shop manual:
 - **Battery Control System >High Voltage Shut-off Procedures**

! CAUTION

Wait for more than **5 minutes** so that the capacitor in the high voltage system will be fully discharged.



4. Remove the ICCU by referring to the shop manual:
 - **Battery Control System > High Voltage Charging System > Integrated Charge Control Unit (ICCU) > Removal**
5. Install the new ICCU in the reverse order of the removal process.
6. If DTC **P1A9096** was stored, replace the ICCU fuse by referring to the shop manual:
 - **Battery Control System > High Voltage Charging System > Integrated Charge Control Unit (ICCU) > Removal**
7. Reinstall all parts in the reverse order of the removal process.
8. Confirm the proper operation of the vehicle.
9. The service procedure is now complete.