



# Technical Service Bulletin

<b>GROUP</b>	<b>NUMBER</b>
<b>BODY ELECTRICAL</b>	<b>25-BE-023G</b>
<b>DATE</b>	<b>MODEL(S)</b>
<b>DECEMBER 2025</b>	<b>SEE BELOW</b>

**SUBJECT:** POWER TAILGATE NOT OPENING

**Description:** Certain GV70 (JK1/JK1A) and GV70 Electrified (JK1A EV) vehicles may exhibit a condition where the power tailgate becomes inoperative. This bulletin provides instructions to perform two software updates for the Power Tailgate (PTG) module to resolve this condition.




### Applicable Vehicles:

Model Year	Model	Production Dates
2022 – 2023	GV70 (JK1)	03/10/2021 – 04/26/2024
2023 – 2024	GV70 (JK1A)	05/10/2023 – 06/24/2024
2023 – 2025	GV70 Electrified (JK1A EV)	01/25/2023 – 06/24/2024

### NOTICE

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

### SST Information:

Tool Name	Tool Number	Figure	Ordering Information
VCI 3	G0VPNNN006		Website: <a href="https://genesisessentialtools.com/">https://genesisessentialtools.com/</a> Email: <a href="mailto:Genesisistools@snapon.com">Genesisistools@snapon.com</a> Phone: 1-855-763-6630 Hours: 7 AM – 7 PM CST
VCI 2	G1XDDMN002		

**NOTE:** VCI 2 can **NO** longer be ordered but can be used for the updates in this TSB.

**GDS Information:**

Model	System	Event Number*	Description
GV70 (JK1/JK1A) & GV70 Electrified (JK1A EV)	PTG	1127	JK(a)/JK(a) EV POWER TAILGATE CONTROL LOGIC IMPROVEMENT (PTGM) (Unit1)
		1128	JK(a)/JK(a) EV POWER TAILGATE CONTROL LOGIC IMPROVEMENT (PTGM) (Unit2)

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

**Warranty Information:**

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
GV70 (JK1/JK1A) & GV70 Electrified (JK1A EV)	81870F07	PTG Module Software Update	0.4 M/H	81870-AR101	I14	ZZ3

**NOTE 1:** Normal warranty applies.

**NOTE 2:** Submit claim on Claim Entry Screen as "Warranty" type.

**NOTE 3:** This TSB includes repair validation photo(s). Op times include VIN, mileage, and photo capture of the ECU Update "Success" result screen as outlined in the Digital Documentation Policy.

**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 dealer 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 dealer has the option to submit a PA Request for goodwill consideration on a case-by-case basis.

**ROM ID Information:**

Model	Event	System	ECU Part Number	ROM ID	
				Current	Latest
GV70 (JK1/JK1A) & GV70 Electrified (JK1A EV)	1127	PTG	81870-AR101	(Unit1) 0A51 (1.03) 0A53 (1.04) 0A54 (1.05) 0A66 (1.06)	(Unit1) 0A66 (1.08)
	1128			(Unit2) A515 (1.03) A536 (1.04) A547 (1.05) A668 (1.06)	(Unit2) A66B (1.08)

**Service Procedure:****DIGITAL DOCUMENTATION**

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

**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 failure.

**Information**

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

**Manual Mode Password:**

Event	Menu	Password
1127	JK(a)/JK(a) EV PTGM 81870-AR101 (Unit1)	6443
1128	JK(a)/JK(a) EV PTGM 81870-AR101 (Unit2)	3212

**ECU Update Procedure**

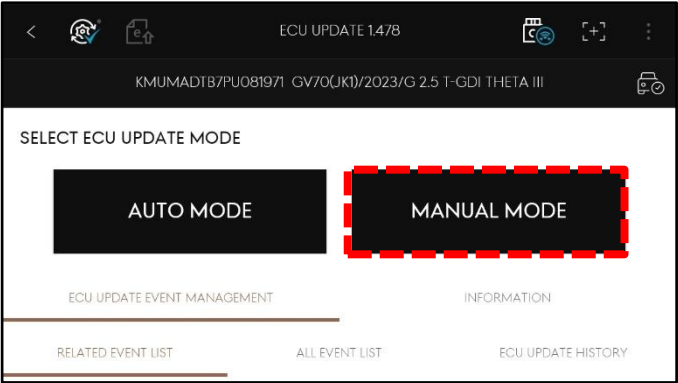
**NOTICE**

This GDS ECU update can **ONLY** be performed in Manual Mode. Perform **TWO** software updates: **Event 1127 (Unit 1)** & **Event 1128 (Unit 2)**.

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

**i Information**

Refer to **TSB # 25-GI-020G**, “**ECU Update Procedure for Tablet-Based Genesis Smart**”, for additional information.



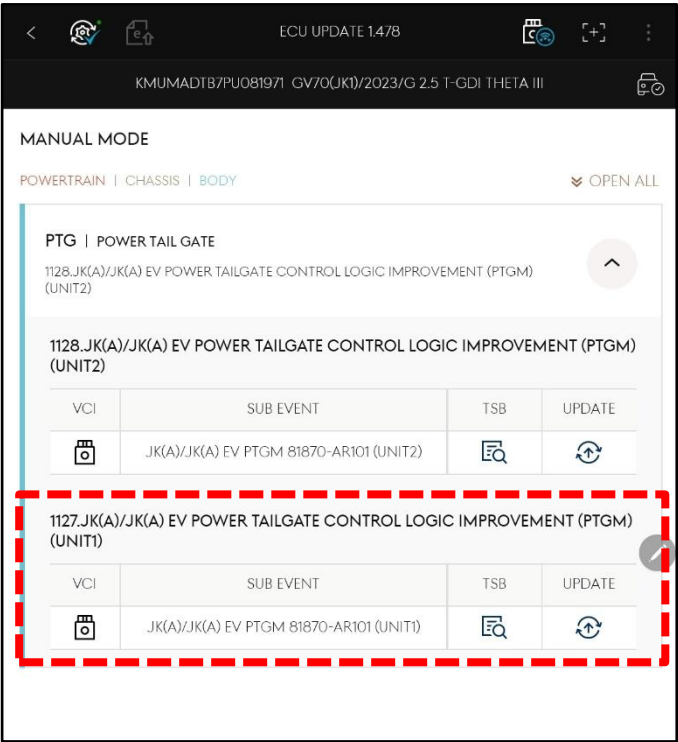
2. Select **Power Tail Gate (PTG)** to view the available events.

**NOTICE**

Perform software update for **Event 1127 (Unit1)** first, then **Event 1128 (Unit2)**.

**NOTICE**

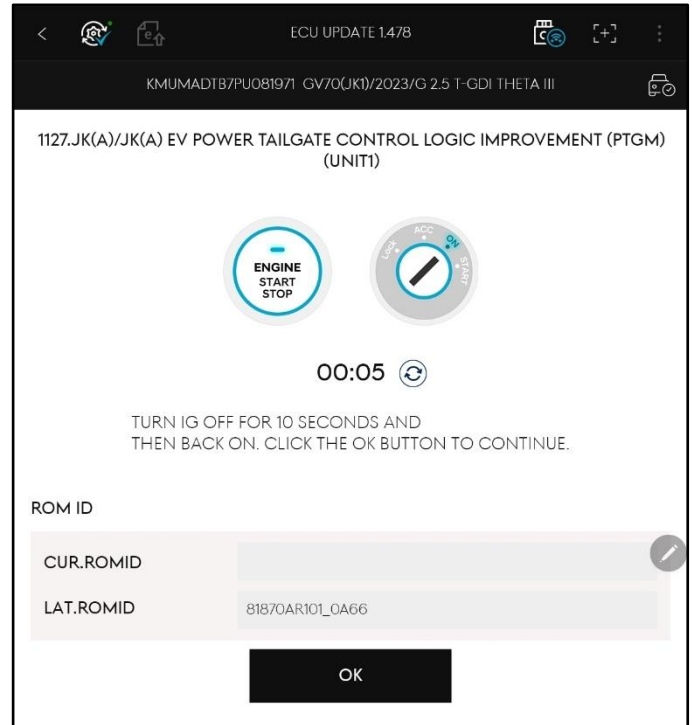
If the update fails, remove the power connector from the in-cabin fuse box for at least **5 seconds**. Alternatively, disconnect the negative (-) **12V** battery terminal and wait at least **5 seconds**. Reassemble and retry the update.



- Once the ECU update is 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**).

**i** Information

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



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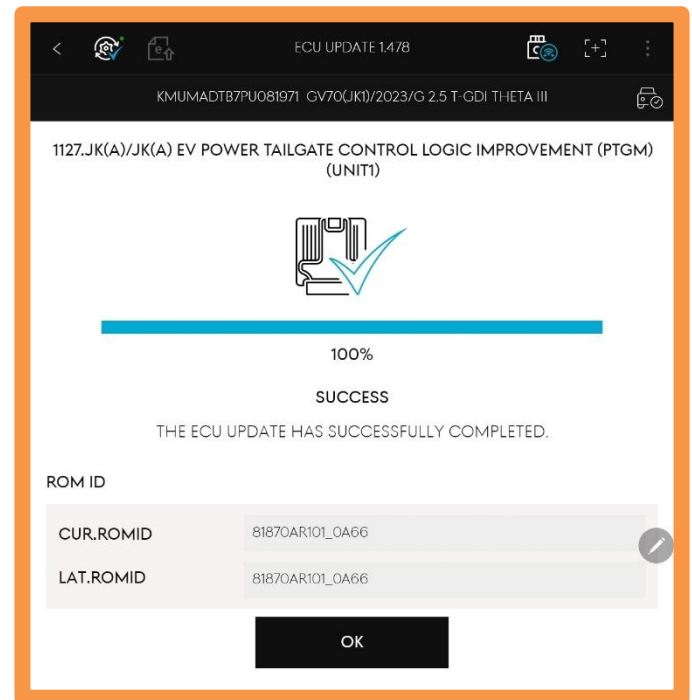
**DIGITAL DOCUMENTATION**



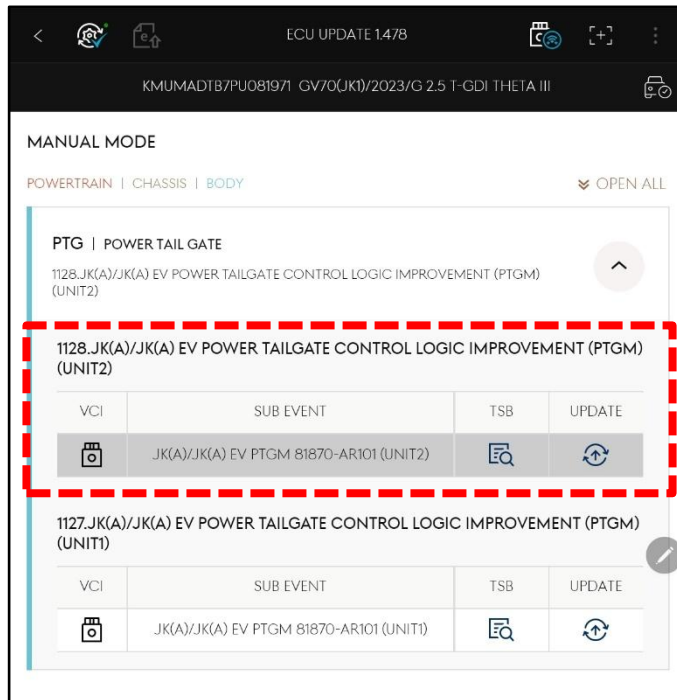
Using the tablet or GDS screen capture function, take a screenshot of the ECU Update "Success" result screen.

Upload the photo to STUI.

**NOTE:** The VIN/Date/Time/Mileage photo imprint is **NOT** required for GDS screenshots.



5. Perform software update for **Event 1128 (Unit2)**.

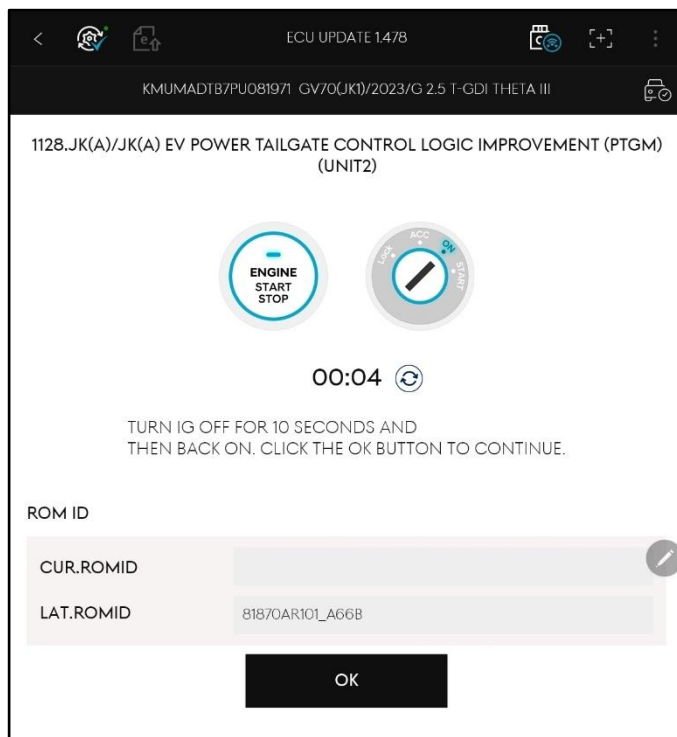


6. Once the ECU update is 100% complete, follow the prompts on the screen to cycle the ignition **OFF** for at least **10 seconds** to reset the control unit (certain models may take up to **30 seconds**).



**Information**

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



7.

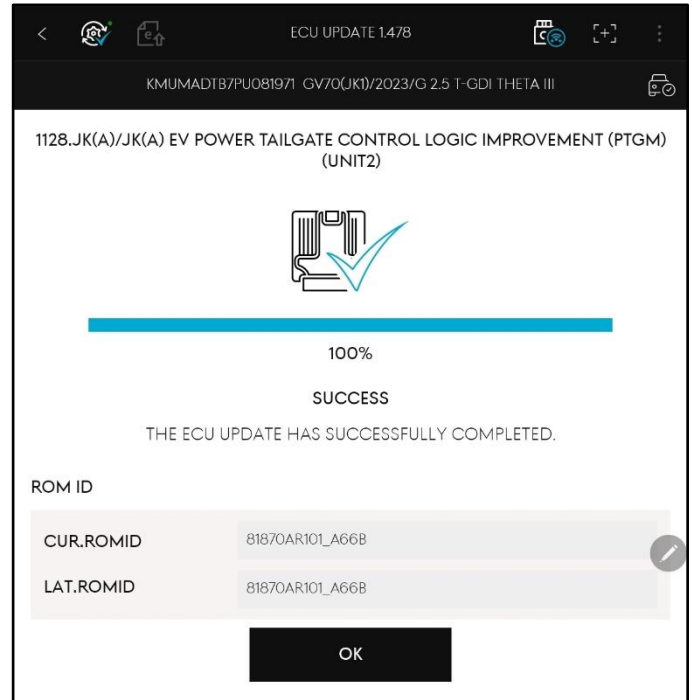
**DIGITAL  
DOCUMENTATION**



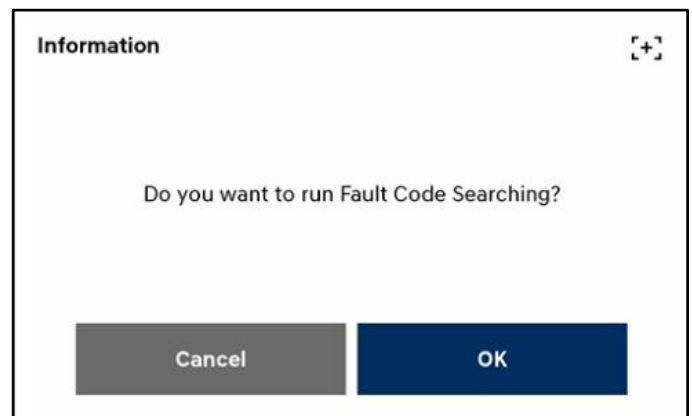
Using the tablet or GDS screen capture function, take a screenshot of the ECU Update "Success" result screen.

Upload the photo to STUI.

**NOTE:** The VIN/Date/Time/Mileage photo imprint is **NOT** required for GDS screenshots.



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



9. Start the engine OR place in **Ready** mode and confirm proper operation of the power tailgate.

10. The service procedure is now complete.