



GROUP	MODEL
ELE	2026MY EV9 (MV1a)
NUMBER	DATE
405 (Rev 1, 12/17/2025)	November 2025

TECHNICAL SERVICE BULLETIN

SERVICE ACTION: VCU OPERATION LOGIC IMPROVEMENT (SA634)

SUBJECT:

NOTICE

This bulletin has been revised to include additional information. New/revised sections of this bulletin are indicated by a black bar in the margin area.

This bulletin provides information to upgrade the Vehicle Control Unit (VCU) system software on certain 2026MY EV9 (MV1a) vehicles produced from January 2, 2025 through November 3, 2025, where the Integrated Electronic Brake (IEB) Controller Area Network (CAN) times out on startup, resulting in a DTC warning light and failure to restart charging when the connector remains connected after charging is completed. This condition is not associated with any braking or drivability symptoms. Follow the procedure outlined in this publication to improve the Vehicle Control Unit (VCU) logic, which will delay the check for CAN communication with the IEB. Refer to [SST081](#) for software upgrade instructions using Kia Diagnostic System (KDS) tablet and VCI-II and confirm the Upgrade Event Number/Name, ROM ID Information, and Manual Mode passwords (if applicable) on the applicable vehicle.

DTC Description:

U151A8C - Timeout occurred due to missing IEB message

NOTICE

A Service Action is a repair program without customer notification that is performed during the warranty period. Any dealer requesting to perform this repair outside the warranty period will require DPSM approval.

Repair status for a VIN is provided on KDealer+ (Service → Warranty Coverage → Warranty Coverage Inquiry → Campaign Information). Not completed Recall / Service Action reports are available on KDealer+ (Consumer Affairs → Not Completed Recall → Recall VIN → Select Report), which includes a list of affected vehicles.

This issue number is SA634.

Refer to [TSB SST081](#) for instructions to upgrade the 'VCU' system:

To correct this condition, the specified system module should be reprogrammed using KDS as described in this bulletin in 'Auto Mode'.

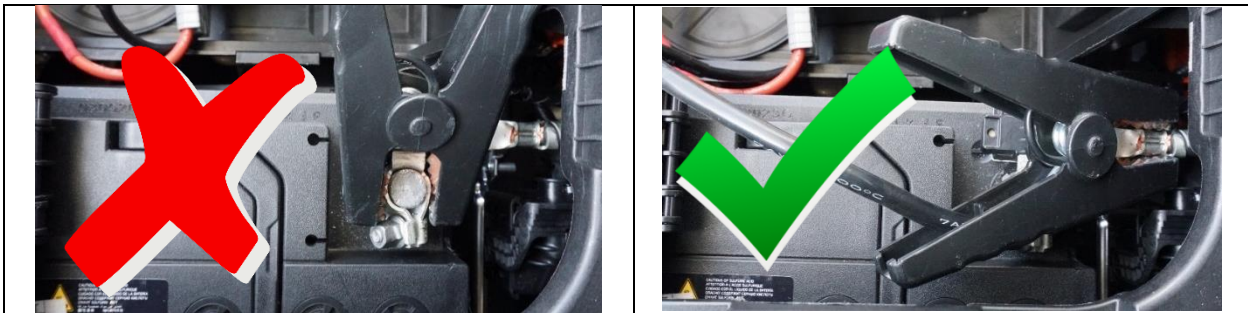
Upgrade Event Name

893.MV1a VCU Operation Logic Improvement


NOTICE

- Confirm a fully charged battery (12.3 volts or higher is necessary) is used or utilize a fully charged jump starter box connected to the battery.
- **Ensure the KDS GDS is sufficiently charged at 60% or higher prior to reflash.**
- All ECU upgrades must be performed with the ignition set to the 'ON' position unless otherwise stated.
- **Damaged VCI II units should not be used and promptly replaced.**
- Be careful not to disconnect the VCI-II connected to the vehicle during the ECU upgrade procedure.
- **DO NOT start the engine during ECU upgrade.**
- DO NOT turn the ignition key 'OFF' or interrupt the power supply during ECU upgrade.
- **When the ECU upgrade is completed, turn the ignition 'OFF' and wait 10 seconds before starting the engine.**
- ONLY use approved ECU upgrade software designated for the correct application.

[Connect the negative \(-\) terminal to the battery as shown below.](#)




NOTICE

Before attempting an ECU upgrade on any Kia model, make sure to first determine whether the applicable model is equipped with an immobilizer  security system. Failure to follow proper procedures may cause the PCM to become inoperative after the upgrade and any claims associated with this repair may be subject to chargeback.

SUBJECT:

SERVICE ACTION: VCU OPERATION LOGIC IMPROVEMENT (SA634)**ROM ID Information Table:****Upgrade Event #893****ⓘ IMPORTANT**

It is recommended to ALWAYS check the Electronic Parts Catalog (EPC) to locate the ECU Part Number respective to Auto/Manual Mode ROM IDs. DO NOT reference the parts label affixed to the ECU.

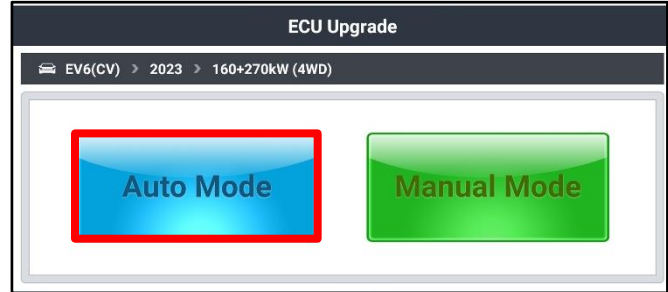
Model	System	IMMO 	ECU P/No.	ROM ID	
				Previous	New
EV9 (MV1a)	VCU (Vehicle Control Unit)	Yes	39751 1XVN4	MV10-57H-N0F-S00 MV10-57H-N0F-S01 MV10-57H-N0F-S02 MV10-57H-N0F-S03 MV10-57H-N0F-S04 MV10-57H-N0F-S05	MV10-57H-N0F-S06
			39751 1XVN3	MV10-67H-N06-S00 MV10-67H-N06-S01 MV10-67H-N06-S02 MV10-67H-N06-S03 MV10-67H-N06-S04 MV10-67H-N06-S05	MV10-67H-N06-S06

To verify the vehicle is affected, be sure to check the Calibration Identification of the vehicle's ECM ROM ID and reference the Information Table as necessary.

Software Information:

The required software must be installed by selecting the **'Auto Mode'** ECU Upgrade option.

Note: In some case, the 'Manual Mode' installation option may be required **ONLY** if the 'Auto Mode' function fails or is otherwise noted above.



NOTICE

If the automatic upgrade fails, turn the ignition 'OFF' for about 10 seconds then place it back in the 'ON' position to reset the control unit BEFORE performing the manual upgrade.

'Manual Mode' passwords.

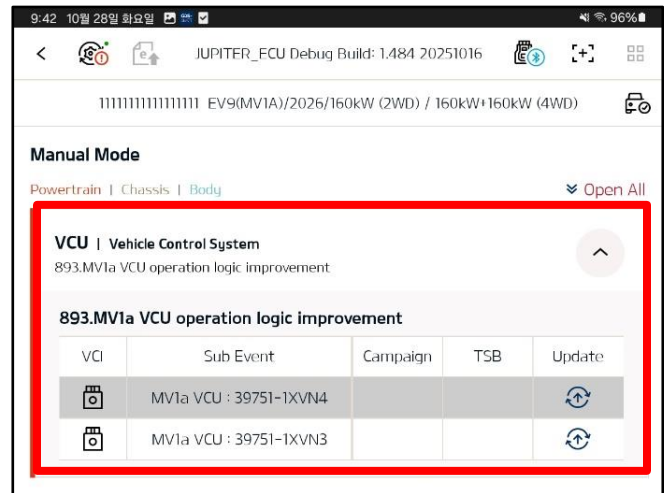
Menu	Password
MV1a VCU: 39751-1XVN4	4151
MV1a VCU: 39751-1XVN3	7311

UPGRADE EVENT:

Select the applicable **'VCU' system** module and the Event Group.

- **893.MV1a VCU operation logic improvement**

Verify the affected vehicle Calibration Identification of the applicable ECU ROM ID and reference the Information Table on page 3 as necessary.




SUBJECT:

SERVICE ACTION: VCU OPERATION LOGIC IMPROVEMENT (SA634)**AFFECTED VEHICLE RANGE:**

Model	Production Date Range
EV9 (MV1a)	January 2, 2025 to November 3, 2025

REQUIRED TOOL:

Tool Name	Part Number	Figure	Comments
Kia Diagnostic System (KDS)	N/A		KDS + VCI

WARRANTY INFORMATION:**N Code: N99 C Code: C99**

Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
V	39751 1XVN3	0	(SA634) Upgrading software on Vehicle Control Unit (VCU)	250A58RO	0.4 M/H	N/A	0

For Substitute Transportation policy, please refer [to Service Policy and Procedures Manual \(SPPM\) 6.11 "Kia Substitute Transportation"](#).

NOTICE

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference [SA634](#) when accessing the KDealer+ system.