



GROUP	MODEL
ELE	2027MY Telluride (LQ2a) Telluride Hybrid (LQ2a HEV)
NUMBER	DATE
434	August 2026

TECHNICAL SERVICE BULLETIN

SUBJECT:

SERVICE ACTION: SBCM SOFTWARE LOGIC IMPROVEMENT (SA658)

This bulletin provides information to upgrade the Side Body Zone Control Module - Driver 'SBCM_DRV' and Side Body Zone Control Module - Assist 'SBCM_AST' systems software on certain 2027MY Telluride (LQ2a) and 2027MY Telluride Hybrid (LQ2a HEV) vehicles produced from March 13, 2025 through August 27, 2025. Some of the affected vehicles may exhibit a popping noise from one or both outside sideview mirror(s) after the auto fold/unfold function is enabled and the vehicle is locked. This condition is caused by the SBCM sending an additional fold command after the mirrors have already completed the folding operation. This condition does not affect the ability of the mirror to fold or unfold. Follow the procedure outlined in this publication to apply the improved logic to the SBCM_DRV and SBCM_AST systems. Refer to [SST081](#) for software upgrade instructions using Kia Diagnostic System (KDS) tablet and VCI-II or VCI-III and confirm the Upgrade Event Number/Name, ROM ID Information, and Manual Mode passwords (if applicable) on the applicable vehicle.

This software upgrade may also be available via an Over-the-Air (OTA) update on vehicles with an 'active' Kia Connect subscription.



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 → Warranty Coverage Inquiry). Not completed Campaign reports are available on KDealer+ (Service → Campaigns → Open Campaign Report), which includes a list of affected vehicles.

This issue number is SA658.

A printed copy is for reference only; publication information can be updated at any time. Always refer to KGIS for the latest information. After logging in kdealer.com, the newest technical publications are listed in 'Service Releases' and has the latest service information that has been released.

Refer to [TSB SST081](#) for instructions to upgrade the 'SBCM_DRV' and 'SBCM_AST' systems:

❗ IMPORTANT

The software update may also be available via **Over-The-Air (OTA)** upgrade feature through an 'active' Kia Connect account for customers. An OTA software upgrade may not be available at the time a TSB publication is released. Dealers can confirm OTA availability by checking for OTA release notes on the Kia [Owners Portal: OTA Software Update Release Notes](#). If the affected vehicle had the latest software installed via OTA, no further action is required by the dealer.

Note: An OTA installed software is time-stamped for each VIN.

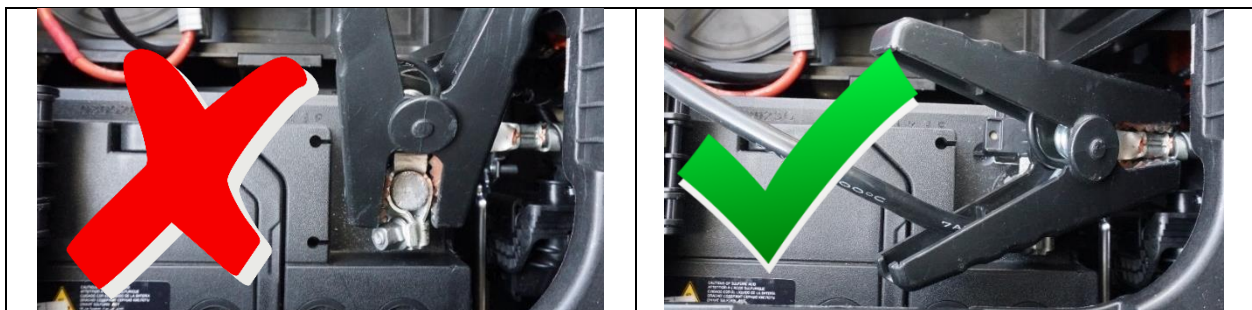
To correct this condition, the specified system module should be reprogrammed using KDS as described in this bulletin in 'Auto Mode'.

Upgrade Event Name
1046.LQ2a (ICE, HEV) SBCM_DRV operation logic improvement
1047.LQ2a (ICE, HEV) SBCM_AST 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 - VCI III units should not be used and promptly replaced.**
- Be careful not to disconnect the VCI-II or VCI-III 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.](#)



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TSB: SA658 Telluride, Telluride Hybrid (LQ2a, LQ2a HEV) August 2026

Kia America, Inc. Confidential



SUBJECT:

SBCM SOFTWARE LOGIC IMPROVEMENT (SA658)

ROM ID Information Table:

 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.

 IMPORTANT

BOTH Upgrade Event #1046 AND Upgrade Event #1047 need to be installed.

 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.

Upgrade Event #1046

Model	System	IMMO 	ECU P/No.	ROM ID	
				Previous	New
LQ2a LQ2a HEV	SBCM Driver	Yes	957P0 P8000	2571 2591 25B1 2641	2651

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.

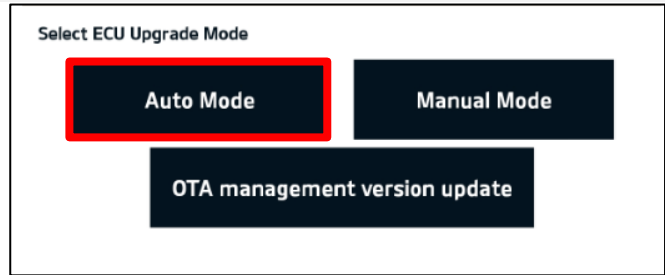
Upgrade Event #1047

Model	System	IMMO 	ECU P/No.	ROM ID	
				Previous	New
LQ2a LQ2a HEV	SBCM Assist	Yes	957Q0 P8000	2571 2591 25B1 2641	2651

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.



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



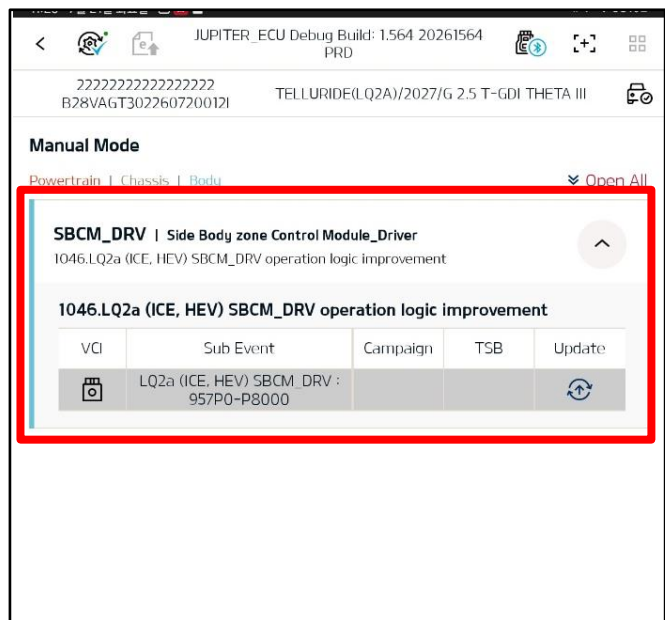
BOTH Upgrade Event #1046 AND Upgrade Event #1047 need to be installed.

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.

Event No.	Menu	Password
1046	LQ2a (ICE, HEV) SBCM_DRV : 957P0-P8000	1251
1047	LQ2a (ICE, HEV) SBCM_AST : 957Q0-P8000	1256

- 1047.LQ2a (ICE, HEV) SBCM_AST
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.

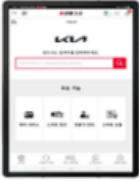


SUBJECT:

SBCM SOFTWARE LOGIC IMPROVEMENT (SA658)**AFFECTED VEHICLE RANGE:**

Model	Production Date Range
Telluride (LQ2a)	March 13, 2025 to August 27, 2025
Telluride Hybrid (LQ2a HEV)	

REQUIRED TOOL:

Tool Name	Part Number	Figure	Location	Comments
Kia Diagnostic System (KDS)	N/A		SHOP	KDS + VCI
VCI-II or VCI-III Connector	N/A			Connect Directly to KDS Using Included Ethernet Cable

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

Model	Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
LQ2a	V	957PO P8000	0	(SA658) Side Body Zone Control Module Software Logic Improvement	260A34R0	0.5 M/H	N/A	0
LQ2a HEV					260A34R1			

Note: When substitute transportation is provided, manually enter sublet code 'X2' for rental expense reimbursement or one roundtrip rideshare expense.

NOTICE

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference **SA658** when accessing the KDealer+ system.

