



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

TECHNICAL SERVICE BULLETIN

SUBJECT:

SERVICE ACTION: ULTRA-WIDE BAND SENSOR SOFTWARE UPDATE (SA652)

This bulletin provides information to upgrade the Ultra-Wideband Bluetooth Low Energy Master ("UWB_BLE_M") system software on certain Digital Key 2-equipped 2027MY Telluride (LQ2a) vehicles produced from December 03, 2025, through June 04, 2026, and certain 2027MY Telluride Hybrid (LQ2a HEV) vehicles produced from December 04, 2025, through June 04, 2026. The improved software reduces power consumption from the vehicle's auxiliary battery and enhances its performance by preventing the vehicle's auto-flush door handles from remaining extended for prolonged periods when a smartphone with Digital Key 2 remains nearby the parked vehicle. To extend the auto-flush door handles in this circumstance, the driver should press the lock/unlock indentation on either front door handle. Follow the procedure outlined in this publication to apply the improved logic to the UWB_BLE_M system. 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 [SA652](#).

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

❗ 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.

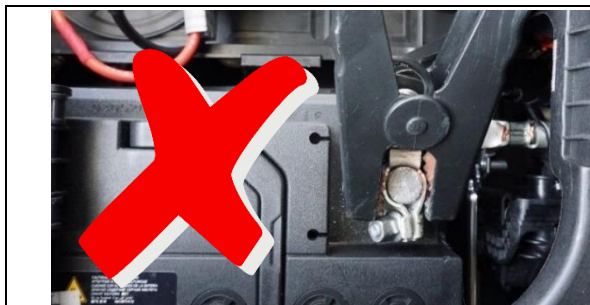
To correct this condition, the specified system module should be reprogrammed using KDS as described in this bulletin in **Manual Mode**.

Upgrade Event Name
988.LQ2a (ICE, HEV) digital key operation logic improvement (UWB_BLE_Unit 1)
989.LQ2a (ICE, HEV) digital key operation logic improvement (UWB_BLE_Unit 2)
990.LQ2a (ICE, HEV) digital key operation logic improvement (UWB_BLE_Unit 4)

📄 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 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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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

The ECU **MUST** be reprogrammed in **Manual Mode** **ONLY** using the KDS download as described in this bulletin.

ALL three (3) Upgrade Event #988 **AND** Upgrade Event #989 **AND** Upgrade Event #990 need to be installed.

Upgrade Event #988, 989, 990

 IMPORTANT

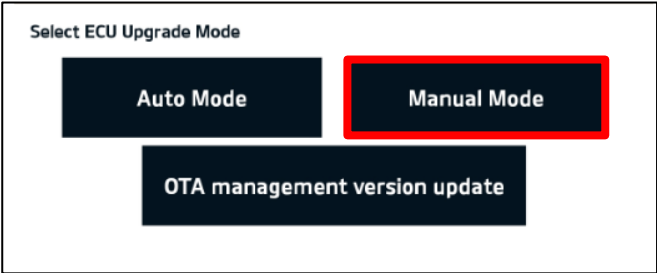
It is recommended to ALWAYS check the Electronic Parts Catalog (EPC) to locate the ECU Part Number respective to Manual Mode ROM IDs. DO NOT reference the parts label affixed to the ECU.

Event No.	System	Unit	IMMO 	ECU P/No.	ROM ID	
					Previous	New
988	UWB_BLE_M (Ultra-Wide Band Bluetooth Low Energy_Master)	Unit #1	Yes	955E0 P8000	2591	2641
989		Unit #2			2591	2631
990		Unit #4			2591	2631

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 **Manual Mode** ECU Upgrade option.



❗ IMPORTANT

The ECU **MUST** be reprogrammed in **Manual Mode** **ONLY** using the KDS download as described in this bulletin.

ALL three (3) Upgrade Event #988 **AND** Upgrade Event #989 **AND** Upgrade Event #990 need to be installed.

'Manual Mode' passwords.

Event No.	Menu	Password
988	LQ2a (ICE/HEV) UWB_BLE (Unit 1) : 955EO-P8000	3561
989	LQ2a (ICE/HEV) UWB_BLE (Unit 2) : 955EO-P8000	5874
990	LQ2a (ICE/HEV) UWB_BLE (Unit 4) : 955EO-P8000	7413

UPGRADE EVENT:

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

- 988.LQ2a (ICE, HEV) digital key operation logic improvement (UWB_BLE_Unit 1)
AND
- 989.LQ2a (ICE, HEV) digital key operation logic improvement (UWB_BLE_Unit 2)
AND
- 990.LQ2a (ICE, HEV) digital key operation logic improvement (UWB_BLE_Unit 4)

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: ULTRA-WIDE BAND SENSOR SOFTWARE UPDATE (SA652)**AFFECTED VEHICLE RANGE:**

Model	Production Date Range
Telluride (LQ2a)	December 03, 2025 to June 04, 2026
Telluride Hybrid (LQ2a HEV)	December 04, 2025 to June 04, 2026

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	955EO P8000	0	(SA652) Ultra-Wide Band Sensor SW Update	260A26R0	0.3 M/H	N/A	0
LQ2a HEV					260A26R1			

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 **SA652** when accessing the KDealer+ system.

