	GROUP	MODEL
	TRA	2025MY K5 (DL3) w/Theta III 2.5L GDI
	NUMBER	DATE
	115	September 2025

TECHNICAL SERVICE BULLETIN

**SUBJECT: SERVICE ACTION: 8-SPEED TRANSMISSION GEAR  
SHIFT LOGIC IMPROVEMENT (SA630)**

This bulletin provides information to upgrade the automatic transmission software on certain 2025MY K5 (DL3) vehicles equipped with a Theta III 2.5L GDI produced from February 20, 2024 through April 23, 2025, which may exhibit abnormal roughness or hesitation during gear shifts. Follow the procedure outlined in this publication to upgrade the software logic of the automatic transmission 'AT' system to improve shift response during acceleration. Refer to [SST081](#) for software upgrade instructions using Kia Diagnostic System (KDS) tablet with VCI-II and confirm the Upgrade Event Number/Name, ROM ID Information, and Manual Mode passwords (if applicable) on the applicable vehicle.



 **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 SA630.**

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

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

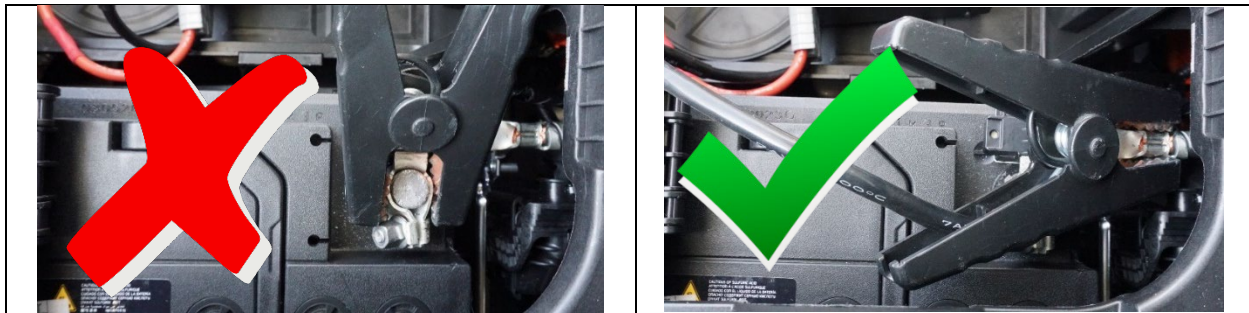
Upgrade Event Name

867.DL3 PE Theta 2.5GDI 8AT Gear Shift 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: **8-SPEED TRANSMISSION GEAR SHIFT LOGIC IMPROVEMENT (SA630)****ROM ID Information Table:****Upgrade Event #867****ⓘ 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
K5 (DL3)	AT	Yes	39104 2S303	TDL3X1G25X2XXNSA	TDL3X1G25X2XXNSB
			39104 2S304	TDL3X1G25X2XGNSA	TDL3X1G25X2XGNSB
			39104 2S305	TDL3X1G25X4XXNSA	TDL3X1G25X4XXNSB

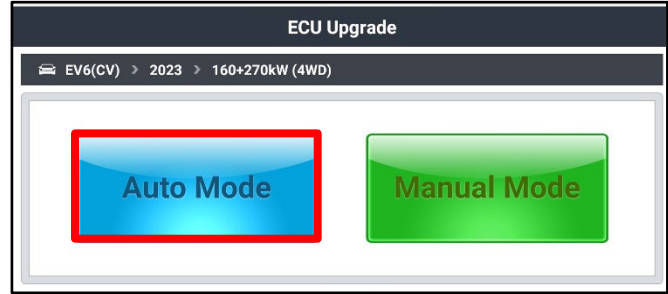
To verify the vehicle is affected, be sure to check the Calibration Identification of the vehicle's ECM ROM ID and reference the Information Table as necessary.



**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.

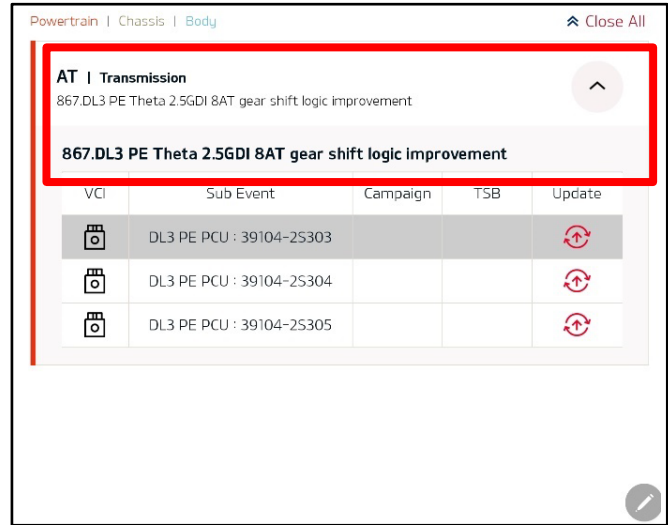
Menu	Password
DL3 PE PCU: 39104-2S303	3023
DL3 PE PCU: 39104-2S304	4234
DL3 PE PCU: 39104-2S305	5019

**UPGRADE EVENT:**

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

- **867.DL3 PE Theta 2.5GDI 8AT Gear Shift 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: **8-SPEED TRANSMISSION GEAR SHIFT LOGIC IMPROVEMENT (SA630)****AFFECTED VEHICLE RANGE:**

Model	Production Date Range
K5 (DL3)	February 20, 2024 through April 23, 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	39104 2S305	0	(SA630) 8-Speed AT Gear Shift Logic Improvement	250160R0	0.3 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 SA630 when accessing the KDealer+ system.

