



GROUP

MODEL

CHA

2020-2025MY
Telluride (ON) AWD

NUMBER

DATE

129

May 2026

TECHNICAL SERVICE BULLETIN

SUBJECT:

AWD COUPLER NOISE/VIBRATION LOGIC IMPROVEMENT

This bulletin provides information to upgrade the 4-Wheel Drive '4WD' system software on some 2020-2025MY Telluride (ON) vehicles produced from January 08, 2019 through December 17, 2025. The affected vehicles may exhibit a noise and/or a vibration, shudder, jerking, binding, or chattering sensation while turning at low speeds (10MPH - 15MPH). This concern may be caused by decreased oil friction within AWD coupling due to continuous vehicle operation in harsh conditions (high/low ambient temperatures, extended duration/distance driving). Follow the procedure outlined in this publication to update the '4WD' software on the applicable vehicle AFTER a noise and/or a vibration, shudder, jerking, binding, or chattering while turning at low speeds (10MPH - 15MPH) has been diagnosed to be located at the 4WD coupling. Refer to [SST081](#) for software upgrade instructions using Kia Diagnostic System (KDS) tablet and VCI-II/VCI-III and confirm the Upgrade Event Number/Name, ROM ID Information, and Manual Mode passwords (if applicable) on the applicable vehicle.

❶ IMPORTANT

DO NOT replace the AWD Coupler or related components for this concern. Any associated claims for AWD Coupler replacement or related components are subject to Warranty review and chargeback.

📄 NOTICE

A Technical Service Bulletin is a field fix repair program without customer notification that may be performed during the warranty period. Any dealer requesting to perform this repair outside the warranty period will require DPSM approval.

The dealer must check the warranty history to confirm CHA129 has not already been performed on the VIN, as it is a one-time repair. If it has not been completed, proceed with the repair and software update per TSB CHA129. Once completed, the bulletin is considered closed. Any subsequent or related concerns must be addressed under standard Service and Warranty guidelines and not submitted under CHA129.

Refer to [TSB SST081](#) for instructions to upgrade the '4WD' system:

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

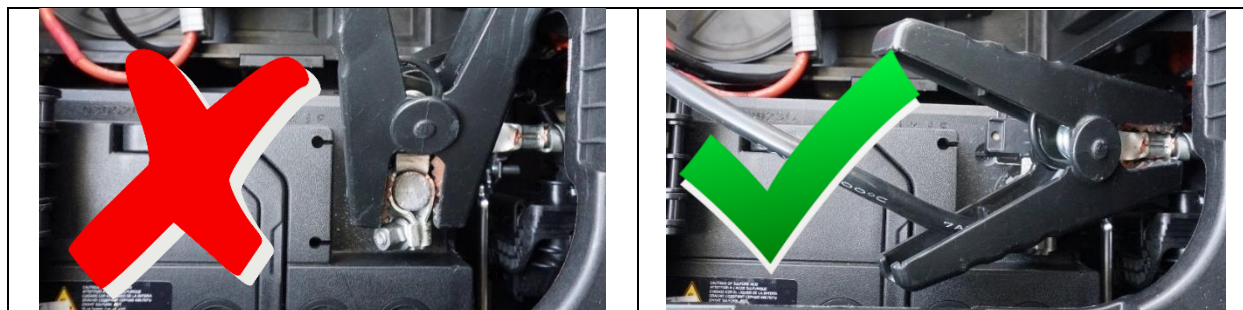
Upgrade Event Name

926.ON, ON PE low-speed turning vibration AWD upgrade

 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.](#)



 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.

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AWD COUPLER NOISE/VIBRATION LOGIC IMPROVEMENT

ROM ID Information Table:

Upgrade Event #926

❗ 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
ON	4WD	Yes	95447 4G300	KMON0000CPL00305 KMON0000CPL041F0	CON-1-XXXB070XS3
			95447 4G350	CON-1-XXXB060XS0 CON-1-XXXB061XF0	
			95447 4G370	CON-1-N-XB071XS2	CON-1-N-XB072XS3

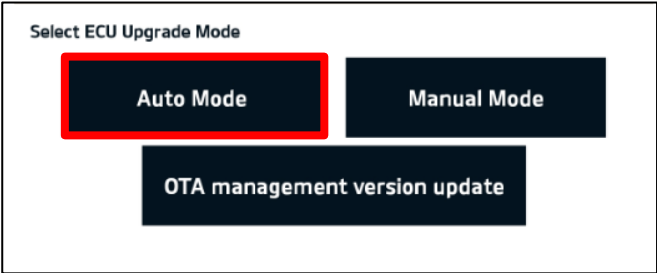
To verify the vehicle is affected, be sure to check the Calibration Identification of the vehicle's ECM ROM ID and reference the Information Table as necessary.



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.

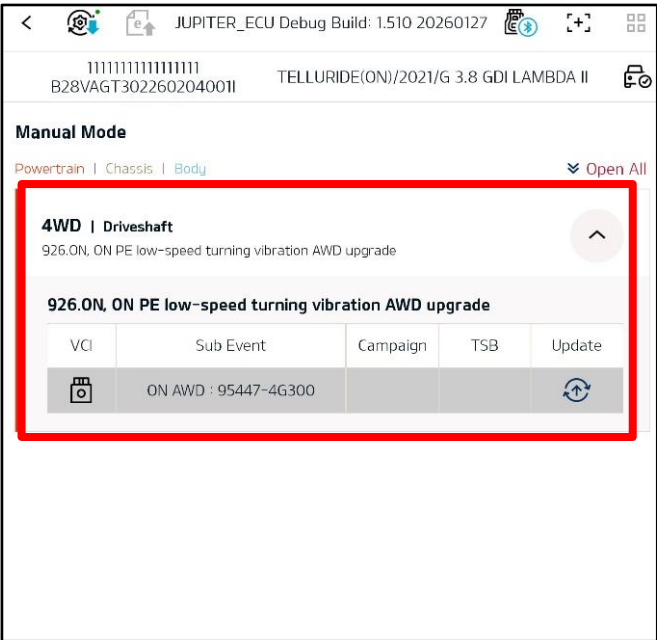
Menu	Password
ON 4WD : 95447-4G300	4300
ON PE AWD : 95447-4G350	6508
ON PE AWD : 95447-4G370	9409

UPGRADE EVENT:

Select the applicable **'4WD'** system module and the Event Group.

- 926.ON, ON PE low-speed turning vibration AWD upgrade

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



SUBJECT:

AWD COUPLER NOISE/VIBRATION LOGIC IMPROVEMENT**AFFECTED VEHICLE RANGE:**

Model	Production Date Range
Telluride (ON)	January 08, 2019 to December 17, 2025

REQUIRED TOOL:

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

WARRANTY INFORMATION:**N Code: I14 C Code: ZZ3**

Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
W	Refer to EPC For 4WD ECU Part Number	0	AWD Coupler Noise/Vibration Logic Improvement	95447F03	0.3 M/H	N/A	0

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

