

Technical Service Bulletin (TSB)
Flash: Transmission Control Module (TCM) Updates

REFERENCE:	TSB: 21-049-26 GROUP: 21 - Transmission and Transfer Case	Date:	June 4, 2026	REVISION:	–
VEHICLES AFFECTED:	2026 (WL) Jeep Grand Cherokee / Grand Cherokee L This bulletin applies to vehicles built on or before May 28, 2026 (MDH 0528XX) equipped with the 2.0L Hurricane 4 Turbo W/ESS (Sales Code EC7).			MARKET APPLICABILITY: ☒ NA☒ MEA ☒ SA☒ IAP ☐ EE☐ CH NOTE: This bulletin applies to the North America, South America, Middle East & Africa, and India & Asia Pacific markets.	
CUSTOMER SYMPTOM:	Customers may experience one or more of the following: - Intermittently during low-speed parking maneuvers when the driver moves from Drive (D) to Reverse (R) at the exact moment the Engine Stop/Start (ESS) system shuts the engine off. - When the timing aligns, the engine will not automatically restart, and the Instrument Panel Cluster (IPC) displays a shift to park to start related message. - NOTE: The behavior results from safety logic that prevents the PCM from restarting the engine while the transmission is in an engaged gear. NOTE: No Diagnostic Trouble Codes (DTCs) or Malfunction Indicator Lamp (MIL) are set because the system is functioning as designed. NOTE: This may appear as an ESS stall, but it is actually a controlled inhibit, not a malfunction. NOTE: The condition is difficult to reproduce due to the timing window required.				
CAUSE:	Module Updates				

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 26-104, date of issue June 04, 2026. All applicable RSU VINs have been loaded. To verify this RSU service action is applicable to the vehicle, use VIP or perform a VIN search in DealerCONNECT/Service Library. All repairs are reimbursable within the provisions of warranty.

REPAIR SUMMARY:

This bulletin involves inspecting and possibly reprogramming the PCM and Transmission Control Module (TCM) with the latest available software.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
18-19-17-CX	Inspect PCM and TCM Module Software Level (0 - Introduction)	1 - Engine Repair And Performance	0.2 Hrs.
18-19-17-CY	Inspect and Reprogram PCM or TCM Module (0 - Introduction)	1 - Engine Repair And Performance	0.2 Hrs.
18-19-17-CZ	Inspect and Reprogram PCM and TCM Module (0 - Introduction)	1 - Engine Repair And Performance	0.3 Hrs.
Failure Code	RF	Required Flash - RSU	
	CC	Customer Concern	

NOTE: For EE market only, enter the RSU spending channel for the first 18 months from the date of issue, then apply the W24.

The dealer must choose which failure code to use depending on if this is a Rapid Service Update (RSU) or Technical Service Bulletin.

- The “RF” failure code is required for essential module flash/reprogramming and can only be used after confirmation that the VIN is included on the RSU.
- The failure code “RF” (Required Flash) can no longer be used on Technical Service Bulletin flashes. The “RF” failure code must be used on an RSU.
- If the customer’s concern matches the SYMPTOM/CONDITION identified in the Technical Service Bulletin, failure code CC is to be used. When utilizing this failure code, the 3C’s must be supplied.

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in DealerCONNECT/Service Library, verify all related systems are functioning as designed. If DTCs or symptom conditions, other than the ones listed above are present, record the issues on the repair order and repair as necessary before proceeding further with this bulletin.

If the customer describes the symptom/condition above, perform the repair procedure.

SPECIAL TOOLS/EQUIPMENT:

Description	Ref. No.	Notes
wiTECH or Equivalent	—	—

REPAIR PROCEDURE:

NOTE: Install a battery charger to ensure battery voltage does not drop below 13.2 volts. Do not allow the charging voltage to climb above 13.5 volts during the flash process.

NOTE: The vehicle must not be connected to a high voltage charger when performing software updates.

NOTE: If this flash process is interrupted/aborted, the flash should be restarted.

1. Is the vehicle on the RSU list?
 - YES >>> Proceed to [Step 2](#).
 - NO >>> Proceed to [Step 3](#).
2. Does the PCM have the latest software already installed?
 - YES >>> This bulletin has been completed, use Inspect LOP (18-19-17-CX) to close this active RSU.
 - NO >>> Proceed to [Step 3](#).
3. Reprogram the PCM with the latest software. If issues arise when flashing a module using the wiTECH Diagnostic Application, please submit a ticket to the Helpdesk. The helpdesk can be found within the Help menu.
4. Reprogram the TCM with the latest software. If issues arise when flashing a module using the wiTECH Diagnostic Application, please submit a ticket to the Helpdesk. The helpdesk can be found within the Help menu.
5. Clear any DTCs that may have been set in any modules due to reprogramming. The wiTECH application will automatically present all DTCs after the flash and allow them to be cleared.

NOTE: For SA market only, after applying this TSB, it is not necessary to send DID-I or DID-A.

POLICY:

Reimbursable within the provisions of the warranty.

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