

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

REFERENCE:	TSB: 21-015-25 REV. A GROUP: 21 - Transmission and Transfer Case	Date:	July 19, 2025	REVISION:	21-015-25
VEHICLES AFFECTED:	2025 (DT) RAM 1500 Pickup This bulletin applies to vehicles equipped with the 8-Spd Auto 8HP75 Trans (Sales Code DFR) and the: 3.0L I6 Hurricane HO Twin Turbo Engine (Sales Code EFC). OR 3.0L I6 Hurricane SO Twin Turbo Engine (Sales Code EFH).			MARKET APPLICABILITY: ☒ NA☐ MEA ☐ SA☐ IAP ☐ EE☐ CH NOTE: **This TSB applies to the North America market.**	
CUSTOMER SYMPTOM:	**Customers must experience a Malfunction Indicator Lamp (MIL) illumination and the vehicle must exhibit/set one or more of the following Diagnostic Trouble Codes (DTCs): - P1B14 - Park By Wire Unintended Park Position. - P1DF3 - ECU Not Initialized.** The customer must describe one or more of the following: **Secure Idle feature not working with Powerpanel on. - When the driver tries to shift from Drive to Reverse and vice versa, transmission detects a mismatch in Neutral as the gear shifter goes from Drive to Reverse through Neutral (D-N-R or R-N-D) and flashes the Neutral indication blinking on the shifter. - The transmission continues to stay in Park sometimes when the driver shifts to Drive or Reverse via gear shifter. Warning message on the Instrument Panel Cluster (IPC) and Check Engine Lamp ON. - The gear shifter takes too long to get ready when the driver starts the car, and the transmission system couldn't recognize which gear was selected. Warning message on the IPC and Check Engine Lamp ON. - Driver is able to move the shifter with engine off and key on while the transmission is in Park and a warning message is displayed in the IPC "Shift to Park to Start" - Auto Parking is not working when the transmission goes to neutral. - Engine over revs in manual mode.** - Bump or jerk felt during Engine Start/Stop (ESS) operation in normal and snow modes. - Bump during tip-in downshift while in Normal or Sport modes. - Transmission shifting concerns when vehicle has less than 2414 Km (1500 miles). - Driveability concerns and not holding correct gear during downgrade, snow mode and accelerator tip-out maneuvers.				
CAUSE:	TCM software				

This bulletin supersedes Technical Service Bulletin (TSB) 21-015-25, date of issue February 05, 2025, which should be removed from your files. All revisions are highlighted with **asterisks and include new DTCs, new market note, updated Customer Symptoms and new LOP.**

REPAIR SUMMARY:

This bulletin involves reprogramming the TCM with the latest available software.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
18-19-05-SR	Module, Transmission Control (TCM) - Reprogram (0 - Introduction)	2 - Automatic Transmission	0.2 Hrs.
Failure Code	CC	Customer Concern	

The dealer must use failure code CC with this Technical Service Bulletin.

- If the customer's concern matches the SYMPTOM identified in the Technical Service Bulletin, failure code CC is to be used.
- When utilizing this failure code, the 3C's (customer's concern, cause and correction) must be provided for processing Technical Service Bulletin flash/reprogramming conditions.

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 Diagnostic Trouble Codes (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 any of the symptoms listed above in the customer symptom section, 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: If this flash process is interrupted/aborted, the flash should be restarted.

1. 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.
2. 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.

POLICY:

Reimbursable within the provisions of the warranty.

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