STELLANTIS
PARTS & SERVICES

Technical Service Bulletin (TSB)

Flash: Transmission Control Module (TCM) Updates

REFERENCE:	**TSB:** 21-012-23 **GROUP** 21 - Transmission and Transfer Case	**Date:**	April 25, 2023	**REVISION:**	–
VEHICLES AFFECTED:	**2021 (LA) Dodge Challenger** **This bulletin applies to vehicles equipped with a 3.6L V6 24V VVT Engine (Sales Code ERB) with 8-SPD Auto 8HP50 Transmission (Sales Code DFW).**			**MARKET APPLICABILITY:** ☒NA ☒MEA ☒SA ☒IAP ☒EE ☒CH	
CUSTOMER SYMPTOM:	**Customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find the following Diagnostic Trouble Code (DTC) has been set.** • P0729-00 - Gear 6 Shift Incorrect Ratio. **Other software enhancement:** • Improved vehicle downshift and coast down performance.				
CAUSE:	**TCM Software**				

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-RX	Module, Transmission Control (TCM) - Reprogram (0 - Introduction)	2 - Automatic Transmission	0.3 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 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. Detailed instructions for flashing control modules using the wiTECH Diagnostic Application are available by selecting the application's "HELP" tab.
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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