



**NUMBER:** 21-016-22

**GROUP:** 21 - Transmission and Transfer Case

**DATE:** May 14, 2022

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**SUBJECT:**

Flash: Transmission Control Module (TCM) Updates

**OVERVIEW:**

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

**MODELS:**

2020 (LD) Dodge Charger

**NOTE:** This bulletin applies to vehicles within the following markets/countries: North America, APAC, EMEA and LATAM.

**NOTE:** This bulletin applies to vehicles equipped with 3.6L V6 24V VVT Engine (Sales Code ERB) and an 8-Spd Auto 850RE Transmission (Sales Code DFT).

**SYMPTOM/CONDITION:**

Customer may experience the following:

- Clunk noise from transmission (underneath) when remote started.

**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 the symptom/condition listed above perform the Repair Procedure.

**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 Diagnostic Trouble Codes (DTC)s 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.

**TIME ALLOWANCE:**

Labor Operation No:	Description	Skill Category	Amount
18-19-05-RA	Module, Transmission Control (TCM) - Reprogram (0 - Introduction)	2 - Auto Transmission	0.3 Hrs.

**NOTE: The expected completion time for the flash download portion of this procedure is approximately 11 minutes. Actual flash download times may be affected by vehicle connection and network capabilities.**

**FAILURE CODE:**

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

- 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 (customer's concern, cause and correction) must be provided for processing Technical Service Bulletin flash/reprogramming conditions.

CC	Customer Concern
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