



**NUMBER:** 21-031-18 REV. A

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

**DATE:** June 29, 2018

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**NOTE: \*\*2.4L UF vehicles equipped with Adaptive Cruise Control (Sales Code NHZ) with SYMPTOMS/CONDITIONS related to this Bulletin are included within Recall U63. Please verify the Powertrain Control Module (PCM) and Transmission Control Module (TCM) part numbers are at latest level by following the U63 service action.\*\***

**THIS BULLETIN SUPERSEDES SERVICE BULLETIN 21-031-18, DATED JUNE 19, 2018, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH \*\*ASTERISKS\*\* AND INCLUDE UPDATED NOTES AND REPAIR PROCEDURE.**

**THIS SERVICE BULLETIN IS ALSO BEING RELEASED AS RAPID RESPONSE TRANSMITTAL (RRT) 16-002. ALL APPLICABLE SOLD AND UN-SOLD RRT VIN's HAVE BEEN LOADED. TO VERIFY THAT THIS RRT SERVICE ACTION IS APPLICABLE TO THE VEHICLE, USE VIP OR PERFORM A VIN SEARCH IN TECHCONNECT. ALL REPAIRS ARE REIMBURSABLE WITHIN THE PROVISIONS OF WARRANTY.**

***SUBJECT:***

Flash: Transmission Diagnostic and Shift Enhancements

***OVERVIEW:***

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

***MODELS:***

2016

(UF)

Chrysler 200

**NOTE: This bulletin applies to vehicles within the following markets/countries: NAFTA.**

**NOTE: This bulletin applies to vehicles equipped with a 2.4L Engine (Sales Codes ED6 or ED8) and 9-SPD 948TE Auto Transmission (Sales Code DFH) and \*\*without Adaptive Cruise Control (Sales Code NHZ).\*\***

***SYMPTOM/CONDITION:***

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:

- P0887-00 - TCM Power Control Circuit High.
- U1424 - Implausible Engine Torque Signal Received.

Customers may experience the following:

- Rough 4-5 upshift.
- Slow 5-4 downshift.
- Poor shift quality.

The following enhancements are included in this software update:

- Upshift improvements.
- Downshift improvements.
- Better gear engagement.
- Uphill / Downhill improvements.
- Improved coasting behavior.

**REPAIR PROCEDURE:**

**NOTE: \*\*Perform the repair procedure below only on vehicles equipped with a 2.4L without (Sales Code NHZ). Proceed to [Step 1](#).\*\***

**NOTE: The Powertrain Control Module (PCM) must be updated to the latest available software at the conclusion of this repair procedure. Refer to all applicable published service bulletins for detailed repair procedures and labor times regarding updating the PCM software.**

**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 module due to reprogramming. The wiTECH application will automatically present all DTCs after the flash and allows them to be cleared.
3. Verify the PCM is programmed with the latest available software. Refer to all applicable published service bulletins for detailed repair procedures and labor times regarding updating the PCM software.\*\*

**POLICY:**

Reimbursable within the provisions of the warranty.

**TIME ALLOWANCE:**

| Labor Operation No: | Description  | Skill Category             | Amount   |
|---------------------|--|----------------------------|----------|
| 18-19-05-EL         | Module, Transmission Control (TCM) Reprogram (Without Sales Code NHZ) (0 - Introduction) | 2 - Automatic Transmission | 0.2 Hrs. |

**NOTE: The expected completion time for the flash download portion of this procedure is approximately 5 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 Service Bulletin.**

- If the customer's concern matches the SYMPTOM/CONDITION identified in the 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 Service Bulletin flash/reprogramming conditions.

|    |                  |
|----|------------------|
| CC | Customer Concern |
|----|------------------|