



**NUMBER:** 18-057-17

**GROUP:** 18 - Vehicle Performance

**DATE:** June 9, 2017

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**FOR HELP WITH USING wiTECH FOR ECU FLASH REPROGRAMMING, CLICK ON THE APPLICATION'S "HELP" TAB.**

**THE wiTECH SOFTWARE IS REQUIRED TO BE AT THE LATEST RELEASE BEFORE PERFORMING THIS PROCEDURE.**

***SUBJECT:***

Flash: Powertrain Diagnostic and System Improvements

***OVERVIEW:***

This bulletin involves reprogramming the Powertrain Control Module (PCM) with the latest available software.

***MODELS:***

2017 (WK) Jeep Grand Cherokee

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

**NOTE: This bulletin applies to vehicles built on or before May 17, 2017 (MDH 0517XX) equipped with a 6.4L Engine (Sales Code ESG) and (8HP70) 8-Speed Automatic Transmission (Sales Code DFK).**

***SYMPTOM/CONDITION:***

The following software enhancements are available:

- Allow the throttle body to be cycled while the engine is off, for diagnostic purposes.
- Improved vehicle acceleration at low speed while towing.
- Allows transmission gear shifting while in limp-in mode, rather than a fixed gear.

***DIAGNOSIS:***

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify all related systems are functioning as designed. If Diagnostic Trouble Codes (DTCs) or symptom conditions, other than the ones listed 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:**

**CAUTION!** The Transmission Control Module (TCM) **MUST** be updated to the latest available software. Refer to all applicable published service bulletins for detailed repair procedures and labor times regarding updating the TCM 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 PCM with the latest available 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.
3. Verify the TCM is programmed with the latest available software. Refer to all applicable published service bulletins for detailed repair procedures and labor times regarding updating the TCM software.

**POLICY:**

Reimbursable within the provisions of the warranty.

**TIME ALLOWANCE:**

| Labor Operation No: | Description   | Skill Category                    | Amount   |
|---------------------|---|-----------------------------------|----------|
| 18-19-06-RV         | Module, Powertrain Control (PCM)<br>- Reprogram<br>(0 - Introduction) | 1 - Engine Repair and Performance | 0.3 Hrs. |

**NOTE:** The expected completion time for the flash download portion of this procedure is approximately 6 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 |
|----|------------------|