



NUMBER: 18-045-18

GROUP: 18 - Vehicle Performance

DATE: June 5, 2018

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THIS SERVICE BULLETIN IS ALSO BEING RELEASED AS RAPID RESPONSE TRANSMITTAL (RRT) 18-063. 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.

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 Enhancements

OVERVIEW:

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

MODELS:

2018 (WK) Jeep Grand Cherokee

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

NOTE: This bulletin applies to vehicles built on or after April 11, 2018 (MDH 0411XX) and on or before May 07, 2018 (MDH 0507XX) equipped with a 3.0L V6 Turbo Diesel Engine (Sales Code EXF).

SYMPTOM/CONDITION:

The following software enhancement is available:

- Calibration to correct the On-Board Diagnostic (OBD) system's inability to detect and set Diagnostic Trouble Code (DTC) **P0420 - Catalyst Efficiency (Bank 1)** when the Diesel Oxidation Catalyst (DOC) is missing.

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, 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 a customer's VIN is listed in VIP or your RRT VIN list, perform the repair. If any vehicle not on the VIN list exhibits the symptom/condition, perform the repair.

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 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.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

| Labor Operation No: | Description | Skill Category | Amount |
|---------------------|---|----------------|----------|
| 18-19-04-HK | Module, Engine Control (ECM) - Reprogram (0 - Introduction) | 10 - Diesel | 0.3 Hrs. |

NOTE: The expected completion time for the flash download portion of this procedure is approximately 7 minute. Actual flash download times may be affected by vehicle connection and network capabilities.

FAILURE CODE:

The dealer must choose which failure code to use depending on if this is a Rapid Response Transmittal (RRT) or 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 must be supplied.
- The failure code "RF" (Required Flash) can no longer be used on Service Bulletin flashes. The "RF" failure code can only be used on RRT.
- The "RF" failure code is required for essential module flash/reprogramming and can only be used after confirmation that the VIN is included on the RRT.

| | |
|----|------------------|
| CC | Customer Concern |
| RF | Required Flash |