

**NUMBER:** 18-067-15**GROUP:** Vehicle Performance**DATE:** September 29, 2015

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**THIS BULLETIN SUPERSEDES SERVICE BULLETINS 18-008-12, DATED FEBRUARY 9, 2012 AND 18-010-13, DATED MARCH 6, 2013, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **\*\*ASTERISKS\*\*** AND INCLUDES ADDITIONAL SYMPTOMS AND A NEW LOP.**

**HELP USING THE wiTECH DIAGNOSTIC APPLICATION FOR FLASHING AN ECU IS AVAILABLE BY SELECTING "HELP" THEN "HELP CONTENTS" AT THE TOP OF THE wiTECH DIAGNOSTIC APPLICATION WINDOW.**

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

**SUBJECT:**

Flash: PCM Software Enhancements

**OVERVIEW:**

This bulletin involves selectively erasing and reprogramming the Powertrain Control Module (PCM) with new software.

**MODELS:**

|           |      |                  |
|-----------|------|------------------|
| 2011-2012 | (LC) | Dodge Challenger |
| 2012      | (LD) | Dodge Charger    |
| 2012      | (LX) | Chrysler 300     |

**NOTE: This bulletin applies to the following vehicles:**

- LC vehicles equipped with a 5.7L engine (sales code EZC and EZH)
- LC vehicles equipped with a 6.4L engine (sales code ESH) and equipped with a 6 Speed manual transmission (sales code DEC)
- LD, LX vehicles built on or before January 17, 2012 (MDH 0117XX) equipped with a 5.7L engine (sales code EZH)

**SYMPTOM/CONDITION:**

A small number of customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the Technician may find one of the following Diagnostic Trouble Codes (DTCs) have been set:

- **\*\*U0401-00 - Implausible Data Received From ECM/PCM\*\***
- P0441 - Evap Purge System Performance
- P0340 - Camshaft Position Sensor Circuit - Bank 1 Sensor 1

**\*\*This software update also has improvements for fuel pump relay cycling during remote starts.\*\***

**DIAGNOSIS:**

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify all engine systems are functioning as designed. If DTC's other than the ones listed above are present, record them on the repair order and repair as necessary before proceeding further with this bulletin.

If the customer describes the symptoms/conditions listed above or if the technician finds the DTCs, 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 PCM with the latest software. Detailed instructions for flashing control modules using the wiTECH Diagnostic Application are available by selecting the "HELP" tab on the upper portion of the wiTECH window, then "HELP CONTENTS." This will open the Welcome to wiTECH Help screen where help topics can be selected.
2. Clear any DTC's that may have been set in other modules due to reprogramming. The wiTECH application will automatically present all DTCs after the flash and allows the DTCs to be cleared.

**POLICY:**

Reimbursable within the provisions of the warranty.

**TIME ALLOWANCE:**

| Labor Operation No: | Description  | Amount   |
|---------------------|--|----------|
| 18-19-06-EL         | Module, Powertrain Control (PCM) - Reprogram<br>(0 - Introduction) | 0.2 Hrs. |

**NOTE: The expected completion time for the flash download portion of this procedure is approximately 3 minutes. Actual flash download times may be affected by vehicle connection and network capabilities.**

***FAILURE CODE:***

**The dealer must choose which failure code to use. If the customer came in with an issue and the dealer found updated software to correct that issue, use failure code CC, for all other use failure code RF.**

- CC - Customer Concern (Ex. Customer comes in with a concern and updated (flash) software is found pertaining to the concern).
- RF - Routine Flash (Ex. Customer comes in with no concern but updated (flash) software is found in VIP, wiTECH or wiADVISOR).

|    |                  |
|----|------------------|
| CC | Customer Concern |
| FM | Flash Module     |