



**NUMBER:** 18-085-15

**GROUP:** Vehicle Performance

**DATE:** November 11, 2015

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**THIS BULLETIN SUPERSEDES SERVICE BULLETIN 18-018-11, DATED APRIL 29, 2011 AND SERVICE BULLETIN 18-031-12 REV. A, DATED DECEMBER 15, 2012, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **\*\*ASTERISKS\*\*** AND INCLUDE ADDITIONAL SYMPTOMS/CONDITIONS FOR LD AND LX MODELS.**

**THIS SERVICE BULLETIN IS ALSO BEING RELEASED AS RAPID RESPONSE TRANSMITTAL (RRT) 11-039 FOR LC, LD AND LX MODELS. ALL APPLICABLE SOLD AND UN-SOLD RRT VIN's FOR LC, LD AND LX MODELS 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.**

**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:**

Powertrain System Improvements/Enhancements

**OVERVIEW:**

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

**MODELS:**

2011	(JC)	Dodge Journey
2011	(JS)	Chrysler 200
2011	(JS)	Dodge Avenger
2011 - 2012	(LC)	Dodge Challenger
2011 - 2012	(LD)	Dodge Charger
2011 - 2012	(LX)	Chrysler 300
2011	(RT)	Chrysler Town and Country
2011	(RT)	Dodge Caravan

**NOTE: This bulletin applies to RT vehicle equipped with a 3.6L engine (sales code ERB) built before March 12, 2011 (MDH 0312XX).**

**NOTE: This bulletin applies to LC/LD/LX vehicle equipped with a 3.6L engine (sales code ERB).**

**NOTE: This bulletin applies to JC vehicle equipped with a 3.6L engine (sales code ERB) built before March 23, 2011 (MDH 0323XX).**

**NOTE: This bulletin applies to JS vehicle equipped with a 3.6L engine (sales code ERB) built before March 17, 2011 (MDH 0317XX).**

***SYMPTOM/CONDITION:***

The customer may describe **\*\*hearing the fuel pump relay cycling during remote start\*\*** or a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find one or more of the following Diagnostic Trouble Codes (DTCs) set in the PCM:

- **\*\*U0140 - Lost Communication With Body Control Module (BCM).\*\***
- P06DD - Engine Oil Pressure Control Circuit Stuck Off.
- P0522 - Engine Oil Pressure Sensor Circuit Low.
- P0108 - Manifold Absolute Pressure Sensor Circuit High.
- P1239 - Engine Oil Temperature Too Low.
- P0298 - Engine Oil Temperature Too High.

***DIAGNOSIS:***

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify all engine systems are functioning as designed. If DTCs are present record them 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. For all other customers that describe a symptom/condition listed above or if the technician finds a DTC, 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. Help using the wiTECH Diagnostic Application for flashing control modules is available through the wiTECH Diagnostic Application. For instructions select the "HELP" tab on upper portion of the wiTECH window, then "HELP CONTENTS". This will open the Welcome to wiTECH Help screen where help topics can be selected.

**NOTE: After PCM reprogramming, the following must be performed.**

- 2. Clear any DTCs that may have been set in other modules due to reprogramming. The wiTECH application will automatically present all DTCs after the flash and allow them to be cleared.
  - a. On 62TE equipped vehicles clear the Variable Line Pressure (VLP) Counters, found in the Misc Function menu for the PCM ECU.
  - b. On 62TE equipped vehicles perform the Quick Learn function, found in the Misc Function menu for the TCM ECU.

**POLICY:**

Reimbursable within the provisions of the warranty.

**TIME ALLOWANCE:**

Labor Operation No:	Description	Skill Category	Amount
**18-19-06-FR**	Module, Powertrain Control (PCM) - Reprogram (0 - Introduction)	8 - Engine Performance	**0.2** Hrs.

**NOTE: The expected completion time for the flash download portion of this procedure is approximately 4 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 if the dealer finds a software update to correct that issue, use failure code CC, for all other use failure code RF.**

- If the customer’s concern matches the SYMPTOM/CONDITION identified in the Service Bulletin, failure code CC is to be used.
- If an available flash is completed while addressing a different customer concern, failure code RF is to be used.

CC	Customer Concern
RF	Routine Flash