



NUMBER: 18-113-16

GROUP: Vehicle Performance

DATE: October 19, 2016

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THIS BULLETIN SUPERSEDES SERVICE BULLETIN 18-085-15, DATED NOVEMBER 11, 2015, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **ASTERISKS**** AND INCLUDE ADDING JS MODEL TO DIAGNOSTIC TROUBLE CODE (DTCs) AND LOP.**

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 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 JS vehicles equipped with a 3.6L engine (Sales Code ERB).

NOTE: This bulletin applies to RT vehicles equipped with a 3.6L engine (Sales Code ERB) built before March 12, 2011 (MDH 0312XX).

NOTE: This bulletin applies to LC/LD/LX vehicles equipped with a 3.6L engine (Sales Code ERB).

NOTE: This bulletin applies to JC vehicles equipped with a 3.6L engine (Sales Code ERB) built before March 23, 2011 (MDH 0323XX).

SYMPTOM/CONDITION:

The customer may describe hearing the fuel pump relay cycling during remote start (LD & LX vehicles only with Sales Code ERB) or a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find one or more of the following (DTCs):

- **U0140 - Lost Communication With Body Control Module (BCM). (JS, LD & LX vehicles with Sales Code ERB)**
- 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.
- Correction to the fuel pump relay excessive cycling during remote start. (LD & LX vehicles with Sales Code ERB).

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 the customer describes the symptom/condition listed above or if the technician finds the 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. 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 the tech to clear them.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
18-19-06-NT	Module, Powertrain Control (PCM) - Reprogram (0 - Introduction)	1 - Engine Repair And 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