SERVICE BULLETIN

NUMBER: 18-099-15

GROUP: Vehicle Performance

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THIS BULLETIN SUPERSEDES SERVICE BULLETIN 18-029-13 REV. A, DATED DECEMBER 05, 2013, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **ASTERISKS AND INCLUDE UPDATED DTC, SYMPTOM CONDITIONS FOR RT VEHICLES WITH 3.6L (ERB) ONLY AND LABOR OPERATION.**

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: Powertrain Diagnostic and System Improvements

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

MODELS:

2013	(JS)	Chrysler 200
2013	(RT)	Dodge Grand Caravan
2013	(RT)	Chrysler Town & Country
2013	(JC)	Dodge Journey

NOTE: **This bulletin applies to RT vehicles equipped with a 3.6L engine (sales code ERB).

NOTE: This bulletin applies to JS vehicles equipped with a 3.6L engine (sales code ERB) built on or before May 14, 2013 (MDH 0514XX) and JC vehicles equipped with a 3.6L engine (sales code ERB) built on or before May 13, 2013 (MDH 0513XX).

NOTE: This bulletin also applies to JC vehicles equipped with a 2.4L engine (sales code ED3 or EDG) built on or before May 13, 2013 (MDH 0513XX) and JS vehicles vehicles equipped with a 2.4L engine (sales code ED3 or EDG) built on or before May 14, 2013 (MDH 0514XX).**

SYMPTOM/CONDITION:
A small number of customers may experience 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) **(RT Vehicles Only**).**
- P0456 - Evap System Small Leak.

Transmission Enhancements are also included with this software release. These changes include the following:

- **Garage shift engagements into D may be harsh at times after shutdowns of 10-30 minute duration.**
- 5/6 Upshift timing adjusted to improve top speed performance (markets where speeds in excess of 161 kph (100 mph) are permitted).

NOTE: The Transmission Enhancements only apply to vehicles equipped with the 3.6L engine (sales code ERB).

DIAGNOSIS:
Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify all engine systems are functioning as designed. If DTCs other than the one 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 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. Follow the detailed service procedures available in DealerCONNECT/TechCONNECT, Refer To Group 8 - Electrical > Electronic Control Modules - Service Information > Module - Powertrain Control > Standard Procedures > PCM/ECM Programming.
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.

POLICY:
Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
**18-19-06-GF	Module, Powertrain Control (PCM) - Reprogram (1 - Semi-Skilled)	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