



NUMBER: 18-047-17

GROUP: Vehicle Performance

DATE: May 10, 2017

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THIS BULLETIN SUPERSEDES SERVICE BULLETIN 18-085-16 REV. A, DATED OCTOBER 21, 2016, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **ASTERISKS**** AND INCLUDES AN ADDITIONAL DIAGNOSTIC TROUBLE CODE (DTC), LOP AND UPDATED FAILURE CODE STATEMENT.**

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: Diagnostic and System Improvements

OVERVIEW:

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

MODELS:

2015 - 2016	(RT)	Chrysler Town & Country
		Dodge Caravan

NOTE: This bulletin applies to vehicles equipped with 3.6L V6 24V VVT Engine (Sales Code ERB).

SYMPTOM/CONDITION:

The customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find one or more of the following DTCs:

- **P0572 - Brake Switch 1 Stuck On (15 MY only).**
- P000A - Bank 1 Camshaft 1 Position Slow Response (15 MY only).
- P000B - Bank 1 Camshaft 2 Position Slow Response (15 MY only).
- P000C - Bank 2 Camshaft 1 Position Slow Response (15 MY only).
- P000D - Bank 2 Camshaft 2 Position Slow Response (15 MY only).
- P0116 - Engine Coolant Temperature Sensor 1 Performance.
- P0300 - Multiple Cylinder Misfire, sets at idle on a cold engine (15 MY only).
- P0335 - Crankshaft Position Sensor Circuit.
- P0456 - EVAP System Small Leak.
- P2097 - Down Stream Fuel Trim System 1 Rich (15 MY only).
- U0140 - Lost Communication With Body Control Module (15 MY only).

In addition, the following software enhancements are available:

- Correct a remote start issue due to previous software update.
- Improved idle stability (15 MY only).
- Improved first transmission shift after start up (15 MY only).

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify all related systems are functioning as designed. If DTCs 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 symptom/condition 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 application's "HELP" tab.
2. Clear any DTCs that may have been set in any module 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-RL	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 6 minutes. Actual flash download times may be affected by vehicle connection and network capabilities.

FAILURE CODE:

****The dealer must use failure code CC with this 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 (customer's concern, cause and correction) must be provided for processing Service Bulletin flash/reprogramming conditions.**

CC	Customer Concern
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