



**NUMBER:** 18-001-15

**GROUP:** Vehicle Performance

**DATE:** January 07, 2015

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**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 LEVEL MUST BE AT 15.02 OR HIGHER TO PERFORM THIS PROCEDURE.**

**SUBJECT:**

Flash: 3.6L Diagnostic And System Improvements

**OVERVIEW:**

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

**MODELS:**

2015	(RT)	Town & Country
		Grand Caravan

**NOTE: This bulletin applies to vehicles built on or before November 02, 2014 (MDH 1002XX) 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 Diagnostic Trouble Codes (DTC):

- U0140 Lost Communication With Body Control Module. Attempting to clear the DTC may be unsuccessful.
- P0300 Multiple Cylinder Misfire, sets at idle on a cold engine.
- P000A Bank 1 Camshaft 1 Position Slow Response.
- P000B Bank 1 Camshaft 2 Position Slow Response.
- P000C Bank 2 Camshaft 1 Position Slow Response.
- P000D Bank 2 Camshaft 2 Position Slow Response.

**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 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 "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 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 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-BE	Module, Powertrain Control (PCM) - Reprogram (0 - Semi-Skilled)	8 - Engine Performance	0.2 Hrs.

**NOTE: The expected completion time for the flash download portion of this procedure is approximately 5 minutes. Actual flash download times may be affected by vehicle connection and network capabilities.**

**FAILURE CODE:**

FM	Flash Module
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