



NUMBER: 18-014-15

GROUP: Vehicle Performance

DATE: February 21, 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 Or 2.4L Diagnostic and System Improvements

OVERVIEW:

This bulletin involves updating the Powertrain Control Module (PCM) software.

MODELS:

2015 (JC) Dodge Journey

NOTE: This bulletin applies to vehicles built on or before November 13, 2014 (MDH 1113XX) equipped with 2.4L engines and 3.6L engines (Sales Codes ED3, ED7 or ERB).

SYMPTOM/CONDITION:

The customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find the following Diagnostic Trouble Codes (DTCs) set in the PCM memory:

2.4L Engine

- P219A - Air-Fuel Ratio Cylinder Imbalance Bank 1.
- U0140 - Lost Communication With Body Control Module.
- Improve alternator control at Idle.

3.6L Engine

- U0140 - Lost Communication With Body Control Module.
- P0300 - Multiple Cylinder Misfire.
- P000A - Bank 1 Camshaft 1 Position Slow Response.
- P000B - Bank 1 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 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 available 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. **After PCM reprogramming, the following must be performed:** clear 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 DTCs to be cleared.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
18-19-06-BP	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:

FM	Flash Module
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