

**NUMBER:** 18-066-15**GROUP:** Vehicle Performance**DATE:** September 25, 2015

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THIS BULLETIN SUPERSEDES SERVICE BULLETIN 18-008-13, DATED February 21, 2013, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **ASTERISKS**** AND INCLUDES SOFTWARE ENHANCEMENTS.**

THIS SERVICE BULLETIN IS ALSO BEING RELEASED AS RAPID RESPONSE TRANSMITTAL (RRT) 13-011. ALL APPLICABLE SOLD AND UN-SOLD RRT VIN'S HAVE BEEN LOADED. TO VERIFY THAT THIS RRT SERVICE ACTION IS APPLICABLE TO THE VEHICLE, USE VIP OR PERFORM A VIN SEARCH IN TECHCONNECT. ALL REPAIRS ARE REIMBURSABLE WITHIN THE PROVISIONS OF WARRANTY.

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: Diagnostic And System Improvements

OVERVIEW:

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

MODELS:

2012 - 2013 (JC) ****Dodge**** Journey

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

NOTE: **This bulletin applies to vehicle equipped with a 2.4L engine (sales code ED3) and a 6 speed automatic transmission (sales code DG2) built before October 23, 2012 (MDH 1023XX).**

SYMPTOM/CONDITION:

****The technician may find the following Diagnostic Trouble Code (DTCs) set in the Powertrain Control Module (PCM) memory:**

- U0140 - Lost Communication With Body Control Module. **(3.6L engine only).**

NOTE: Attempting to clear this DTC will be unsuccessful.**

Some customers may experience any of the following:

- ****Continuous cycling of fuel pump relay when using remote start (3.6L engines)****
- Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the Technician may find that P0108 - Manifold Absolute Pressure Sensor Circuit High has been set active or stored **(3.6L engine)**

NOTE: MIL Illumination for P0108 - Manifold Absolute Pressure Sensor Circuit High affects only 2012 model year vehicles equipped with a 3.6L engine (sales code ERB).

- 1 - 2 upshift clunk or bump **(2.4L & 3.6L engines)**
- 3 - 4 harsh upshift at closed throttle after a WOT stab in 1st or 2nd gear **(2.4L & 3.6L engines)**
- 4 - 5 upshift clunk or bump **(2.4L & 3.6L engines)**
- 5 - 6 upshift clunk or bump **(3.6L engine)**
- 6 - 5 downshift clunk or bump **(3.6L engine)**
- 6 - 4 downshift clunk or bump **(3.6L engine)**
- RPM Fluctuating or Jerking feeling while operating in cruise control. Condition is more noticeable when the vehicle is going up and down grades**(2.4L & 3.6L engines)**
- 1 - 2 harsh upshift going down a grade **(2.4L engine)**
- 3 - 2 downshift clunk or bump **(2.4L engine)**
- 4 - 3 downshift clunk or bump **(2.4L engine)**
- Improves the consistency of how shifts are controlled during upshifts “torque management”
- Delayed downshifts **(3.6L engine)**

Updating the software will correct the conditions listed above.

DIAGNOSIS:

****Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify all engine systems are functioning as designed. If DTCs and/or symptom/conditions 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 a customer’s VIN is listed in VIP or your RRT VIN list, perform the repair. For all other customers that describe the symptom/condition or if the technician finds the listed 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.

NOTE: After PCM reprogramming, the following must be performed:

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-EN	Module, Powertrain Control (PCM) - Reprogram 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:**

The dealer must choose which failure code to use. If the customer came in with an issue and the dealer found updated software 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, than 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**