



NUMBER: 18-106-16

GROUP: Vehicle Performance

DATE: October 07, 2016

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THIS BULLETIN SUPERSEDES SERVICE BULLETIN 18-010-12, DATED MARCH 12, 2012, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **ASTERISKS**** AND INCLUDE ADDITIONAL DIAGNOSTIC TROUBLE CODE (DTC) AND LOP.**

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: Powertrain Diagnostic And System Improvements

OVERVIEW:

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

MODELS:

2009 - 2010	(WK)	Grand Cherokee
2009 - 2010	(WH)	Grand Cherokee (Export)
2009 - 2010	(XK)	Commander
2009 - 2010	(XH)	Commander (Export)

NOTE: This bulletin applies to vehicles equipped with a 5.7L VVT engine (Sales Code EZH) or 5.7L V8 Hemi MDS VVT Engine (Sales Code EZD) or 2009 MY vehicles equipped with a 4.7L engine (Sales Code EVE).

SYMPTOM/CONDITION:

A small number of customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find that the following DTC has been set:

- ****U0140 - Lost Communication With Body Control Module (BCM) (2010 MY with Sales Code EZH only)****

Customers may also experience any of the following conditions:

- Hear a clunk sound or feel a shudder when the cruise control resume switch is pressed. This condition is most noticeable after the brakes are pressed to cancel cruise control and the resume switch is pressed also.
- A shudder or shaking feeling when a Wide Open Throttle (WOT) event is performed by the customer. This is most noticeable after the transmission downshifts during the (WOT) event. This condition will stop once the transmission upshifts.

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify all related systems are functioning as designed. If DTCs or symptom conditions 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 software. Detailed instructions for flashing control modules using the wiTECH Diagnostic Application are available by selecting the application's "HELP" tab.
2. Clear all 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-NM	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 2 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, 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