

**NUMBER:** 18-063-15**GROUP:** Vehicle Performance**DATE:** September 23, 2015

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THIS BULLETIN SUPERSEDES SERVICE BULLETIN 18-70-14, DATED NOVEMBER 27, 2014, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **ASTERISKS**** AND INCLUDE UPDATED BUILT TO DATE, SYMPTOM/CONDITIONS AND LABOR OPS.**

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: MIL Illumination, Cold Start and Cruise Control Improvements

OVERVIEW:

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

MODELS:

2015 (MK) Jeep Compass/Patriot

NOTE: **This bulletin applies to vehicles within the following markets/countries: NAFTA.**

NOTE: This bulletin applies to vehicles built on or before **June 29, 2015 (MDH 0629XX) equipped with a 2.4L Engine (Sales Code ED3).**

SYMPTOM/CONDITION:

A small number of customers may experience a Malfunction Indicator Lamp (MIL) Illumination and/or any of the following:

- ****Cruise Control acceleration feels to fast at low speeds (35 mph / 56 kph).**
- **Engine is hard to start when cold****

Upon further investigation, the technician may find Diagnostic Trouble Codes (DTCs):

P219A - Bank 1 Air Fuel Ratio Imbalance.

P050B - Cold Start Ignition Timing Performance.

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 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 all modules 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-DU	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