THIS BULLETIN SUPERSEDES SERVICE BULLETIN 18-060-14 REV. B, DATED NOVEMBER 20, 2014 WHICH SHOULD BE REMOVED FROM YOUR FILES. THIS IS A COMPLETE REVISION AND NO **ASTERISKS** HAVE BEEN USED TO HIGHLIGHT REVISIONS AND INCLUDES UPDATED SOFTWARE FOR 3.2L ENGINE.

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: Diagnostic And System Improvements

OVERVIEW:
This bulletin involves selectively erasing and reprogramming the Powertrain Control Module (PCM) with new software.

MODELS:

2014 - 2015	(KL)	Jeep	Cherokee

NOTE: This bulletin applies to vehicles equipped with a 2.4L engine (sales code ED6 or ED8) and 3.2L engine (sales code EHB).

SYMPTOM/CONDITION:
A small number of customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the Technician may find one of the following Diagnostic Trouble Codes (DTCs). Additionally this PCM update includes the enhancements listed below.

2015 KL Vehicles equipped with a 2.4L engine (Sales Code ED6 or ED8) built on or before October 21, 2014 (MDH 1021XX).

- P2172 - High Airflow/Vacuum Leak Detected.
- Improved software to enable Transmission Control Module (TCM) quick learn enhancements once TCM is updated.

2015 KL Vehicles equipped with a 3.2L engine (Sales Code EHB) built on or before **November 20, 2014 (MDH 1120XX).**

- **P2067- Fuel Level Sensor 2 Circuit Low (International Only).**
- Improved software to enable Transmission Control Module (TCM) quick learn enhancements once TCM is updated.

2014 KL Vehicles equipped with a 2.4L engine (Sales Code ED6).

- P219A - Air-Fuel Ratio Cylinder Imbalance Bank 1 has been set in the PCM.
- P106A - Cylinder 3 Oil Supply Solenoid Valve Switch Off Time Out Of Range.

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 all modules 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-BC	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