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: Air Suspension Control Module (ASCM)

OVERVIEW:

This bulletin involves updating the ASCM with the latest available software.

MODELS:

2015 - 2016 (DS)	RAM 1500 Pickup

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

NOTE: This bulletin applies to vehicles built on or after December 04, 2014 (MDH 1204XX) and on or before February 22, 2016 (MDH 0222XX) equipped with Air Suspension, 4-Corner (Sales Code SER).

SYMPTOM/CONDITION:

Customers may experience no ride height change with the vehicle in real cold conditions and in addition they may also have a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find that the following Diagnostic Trouble Codes (DTCs) have been set:

- C15A1-00 - Unable To Obtain Desired Ride Height.
- C1562-98 - Ride Height Air Pump Control - Component Or System Over Temperature.
- C1562-92 - Height Air Pump Control - Performance Or Incorrect Operation.
- C159F-92 - Air Suspension Reverse Valve 1 Control - Performance Or Incorrect Operation.
- C15A0-92 - Air Suspension Reverse Valve 2 Control - Performance Or Incorrect Operation.
- C155E-92 - Height Pressure Vent Control - Performance Or Incorrect Operation.

- C15AA-00 - Air Leak During Vent.

In addition, the customer may notice the following condition:

- Vehicle does not change ride heights when selected in cold weather.

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 ASCM 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 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
18-19-36-95	Module, Air Suspension Control (ASCM) - Reprogram (0 - Introduction)	6 - Electrical and Body System	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 if the dealer finds a software update 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