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GROUP: Electrical

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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: Anti Lock Brake (ABS) Module System Enhancements

OVERVIEW:

This bulletin involves updating the Anti-Lock Brake System (ABS) module software.

MODELS:

2016	(WD)	Dodge Durango
2016	(WK)	Jeep Grand Cherokee

NOTE: This bulletin applies to vehicles within the following markets/countries: NAFTA, LATAM, EMEA and APAC.

NOTE: This bulletin applies to vehicles built on or before June 02, 2016 (MDH 0602XX) equipped with Electronic Stability Control (Sales Code BNB).

SYMPTOM/CONDITION:

A small number of vehicles may have mismatched Diagnostic Trouble Codes (DTCs) below pointing to the wrong modules with **no** Malfunction Indicator Lamp (MIL) illumination:

NOTE: This update should be performed to reduce the potential for misdiagnosis of related systems and incorrect module replacement.

- U0100-00 - Lost Communication With ECM/PCM.
- U0140-00 - Lost Communication With Body Control Module.
- U0101-00 - Lost Communication With TCM.
- U0402-00 - Implausible Data Received From TCM.

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, 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 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 ABS 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.
3. Using the wiTECH application run "ABS initialization". From the ABS View screen select Misc Functions tab to run the initialization.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
18-19-10-9E	Module, Anti-lock Brake System (ABS) - Reprogram (0 - Introduction)	6 - Electrical and Body Systems	0.2 Hrs.

NOTE: The expected completion time for the flash download portion of this procedure is approximately 1 minute. 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