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GROUP: Brakes

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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: Anti Lock Brake (ABS) Module System Enhancements

OVERVIEW:

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

MODELS:

2013-2016	(D2)	Ram 3500 Pickup
2013-2016	(DJ)	Ram 2500 Pickup (HD)
2013-2016	(DD)	Ram 3500 Cab Chassis
2013-2016	(DP)	Ram 4500/5500 Cab Chassis
2013-2016	(DX)	Ram Truck HD (Mexico)
2016	(DF)	Ram 3500 10K LB Cab Chassis

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

NOTE: This bulletin applies to Ram truck vehicles built on or before December 08, 2015 (MDH 1208XX) equipped with Electronic Stability Control (Sales Code BNB).

NOTE: This bulletin applies to DP Ram truck vehicles built on or before December 08, 2015 (MDH 1208XX) equipped with Anti-lock 4-wheel disc brakes (Sales Code BRT).

SYMPTOM/CONDITION:

The customer may describe the Electronic Stability Control (ESC) Warning lamp is illuminated on the instrument cluster. Upon further inspection, the technician may find the following Diagnostic Trouble Code (DTC): C006A-49 - Multi-Axis Acceleration Sensor - Internal Electronic Failure.

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 ABS module with the latest available 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 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
18-19-10-9B	Module, Anti-lock Brake System (ABS) - Reprogram (1 - Semi-Skilled)	6 - Electrical and Body Systems	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