



NUMBER: 08-061-20

GROUP: 08 - Electrical

DATE: June 3, 2020

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SUBJECT:

Flash: Anti-lock Brake System (ABS) Enhancements

OVERVIEW:

This bulletin involves reprogramming the ABS module with the latest software available.

MODELS:

2019 - 2020	(D2)	RAM 3500 Pickup
2019 - 2020	(DD)	RAM 3500 Cab Chassis
2019 - 2020	(DF)	RAM 3500 <10K Cab Chassis
2019 - 2020	(DJ)	RAM 2500 Pickup
2019 - 2020	(DP)	RAM 4500/5500 Cab Chassis
2019 - 2020	(DX)	RAM Truck (Mexico)

NOTE: This bulletin applies to vehicles within the following markets/countries: North America and LATAM.

NOTE: This bulletin applies to vehicles built on or before February 10, 2020 (MDH 0210XX) equipped with Electronic Stability Control (Sales Code BNB).

SYMPTOM/CONDITION:

Customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find the following Diagnostic Trouble Code (DTC) has been set:

- C006A-49 - Multi-Axis Acceleration Sensor - Internal Electronic Failure.

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in DealerCONNECT/Service Library, 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 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 with the latest software. Detailed instructions for flashing control modules using the wiTECH Diagnostic Application are available by selecting the application "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.

NOTE: When performing the ABS Initialization routine, the vehicle temperature must be above 10°C (50°F).

NOTE: If the ABS is not initialized, the ABS indicator will flash continuously.

3. Using wiTECH, perform the ABS initialization routine. This routine can be found under the ABS tab in "Miscellaneous Functions". To initialize the ABS Module and clear offsets, have the vehicle parked on level ground and the wheels pointing straight ahead and follow the directions on the scan tool.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
18-19-10-9Y	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 2 minutes. Actual flash download times may be affected by vehicle connection and network capabilities.

FAILURE CODE:

The dealer must use failure code CC with this Service Bulletin.

- If the customer's concern matches the SYMPTOM/CONDITION identified in the Service Bulletin, failure code CC is to be used.
- When utilizing this failure code, the 3C's (customer's concern, cause and correction) must be provided for processing Service Bulletin flash/reprogramming conditions.

CC	Customer Concern
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