

Technical Service Bulletin (TSB)

Flash: Air Suspension Control Module (ASCM) Updates

REFERENCE:	TSB: 08-127-23 GROUP 08 - Electrical	Date:	May 19, 2023	REVISION:	–
VEHICLES AFFECTED:	2022 - 2023 (DT) RAM 1500 Pickup This bulletin applies to vehicles built on or before March 04, 2023 (MDH 0304XX) equipped with Air Suspension, 4-Corner (Sales Code SER).			MARKET APPLICABILITY: ☒ NA ☐ SA ☐ EE ☐ MEA ☐ IAP ☐ CH	
CUSTOMER SYMPTOM:	Customers or technicians may experience a Malfunction Indicator Lamp (MIL) illumination after a “manual or automatic ride height change”. Upon further investigation the technician may find that one or more of the following Diagnostic Trouble Codes (DTCs) have been set: • C151E-2A - Left Front Ride Height Sensor-Stuck. • C1522-2A - Right Front Ride Height Sensor-Stuck. • C1526-2A - Left Rear Ride Height Sensor-Stuck. • C152A-2A - Right Rear Ride Height Sensor-Stuck. Customers may also experience: • “Service Air Suspension” message notification in the instrument panel cluster.				
CAUSE:	ASCM Software				

REPAIR SUMMARY:

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

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
18-19-36-9D	Module, Air Suspension Control (ASCM) - Reprogram (0 - Introduction)	6 - Electrical and Body Systems	0.2 Hrs.
Failure code	CC	Customer Concern	

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

- If the customer's concern matches the SYMPTOM identified in the Technical 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 Technical Service Bulletin flash/reprogramming conditions.

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 any of the symptoms listed above in the customer symptom section, perform the Repair Procedure.

SPECIAL TOOLS/EQUIPMENT:

Description	Ref. No.	Notes
wiTECH or Equivalent	–	–

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 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.

POLICY:

Reimbursable within the provisions of the warranty.

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