

Technical Service Bulletin (TSB)

Flash: Anti-Lock Brake System (ABS) Module Updates

REFERENCE:	TSB: 08-007-23 GROUP 08 - Electrical	Date:	January 10, 2023	REVISION:	–
VEHICLES AFFECTED:	2022 (MV) Jeep Compass This bulletin applies to vehicles built on or after January 18, 2022 (MDH 0118XX) and on or before September 16, 2022 (MDH 0916XX).			MARKET APPLICABILITY: ☐ NA☒ MEA ☐ SA☐ IAP ☒ EE☐ CH	
CUSTOMER SYMPTOM:	Customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find the following DTCs have been set: - C0061-29 - Lateral Acceleration Sensor In Airbag System - Signal Invalid. - C0062-29 - Longitudinal Acceleration Sensor - Invalid Signal. - C0063-29 - Yaw Rate Sensor - Invalid Signal. Customer may also experience the following: - Electronic Stability Control (ESC) and Electric Parking Brake (EPB) warning lights appear on cluster.				
CAUSE:	ABS software				

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 23-006, date of issue January 10, 2023. All applicable Sold and UnSold RSU VINs have been loaded. To verify this RSU service action is applicable to the vehicle, use VIP or perform a VIN search in DealerCONNECT/Service Library. All repairs are reimbursable within the provisions of warranty. This RSU will expire 18 months after the date of issue.

REPAIR SUMMARY:

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

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
18-19-10-AL	Module, Anti-lock Brake System(ABS) - Inspect (0 - Introduction)	6 - Electrical and Body Systems	0.2 Hrs.
18-19-10-AM	Module, Anti-lock Brake System(ABS) - Inspect and Reprogram (0 - Introduction)	6 - Electrical and Body Systems	0.4 Hrs.
Failure code	RF	Required Flash	
	CC	Customer Concern	

The dealer must choose which failure code to use depending on if this is a Rapid Service Update (RSU) or Technical Service Bulletin.

- The “RF” failure code is required for essential module flash/reprogramming and can only be used after confirmation that the VIN is included on the RSU.
- The failure code “RF” (Required Flash) can no longer be used on Technical Service Bulletin flashes. The “RF” failure code must be used on an RSU.
- If the customer’s concern matches the SYMPTOM/CONDITION identified in the Technical Service Bulletin, failure code CC is to be used. When utilizing this failure code, the 3C’s must be supplied.

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 Diagnostic Trouble Codes (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 a customer's VIN is listed in VIP or your RSU VIN list, perform the repair. If any vehicle not on the VIN list exhibits the symptom/condition or DTC, perform the repair.

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.

- Is the vehicle on the RSU VIN list?
 - YES >>> Proceed to [Step 2](#).
 - NO >>> Proceed to [Step 3](#).
- Does the ABS module have the latest software already installed?
 - YES >>> This bulletin has been completed, use inspect LOP (18-19-10-AL) to close the active RSU.
 - NO >>> Proceed to [Step 3](#).
- Reprogram the ABS with the latest available software. Detailed instructions for flashing control modules using the wiTECH Diagnostic Application are available by selecting the application's "HELP" tab.
- 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.
- Perform ABS initialization routine under "Misc Functions" after software update using wiTECH.
- Perform brake pedal calibration under "Misc Functions" after software update using wiTECH.

POLICY:

Reimbursable within the provisions of the warranty.

This bulletin is supplied as technical information only and is not an authorization for repair. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, or otherwise, without written permission of FCA US LLC.