

**Technical Service Bulletin (TSB)**  
**Flash: Brake System Control Module (BSCM) Updates**

<b>REFERENCE:</b>	<b>TSB:</b> 08-241-23 REV. A <b>GROUP:</b> 08 - Electrical	<b>Date:</b>	November 23, 2023	<b>REVISION:</b>	08-241-23
<b>VEHICLES AFFECTED:</b>	2022 - 2023 (WS) Grand Wagoneer/Wagoneer			<b>MARKET APPLICABILITY:</b>	
				<input checked="" type="checkbox"/> NA	<input type="checkbox"/> IAP
				<input type="checkbox"/> EE	<input type="checkbox"/> MEA
				<input type="checkbox"/> SA	<input type="checkbox"/> CH
<b>CUSTOMER SYMPTOM:</b>	<p>Customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find that the following Diagnostic Trouble Code (DTC) has been set:</p> <ul style="list-style-type: none"> <li>**C0500-00 - Brake System Hydraulic Leak.**</li> </ul> <p>Customers may also experience:</p> <ul style="list-style-type: none"> <li>Brake warning lamp is illuminated.</li> <li>Firm brake pedal.</li> </ul> <p><b>NOTE: Brakes will function as normal.</b></p>				
<b>CAUSE:</b>	Brake System Control Module (BSCM) software.				

This bulletin supersedes Technical Service Bulletin (TSB) 08-241-23, date of issue November 17, 2023 which should be removed from your files. All revisions are highlighted with **\*\*asterisks\*\*** and include a corrected DTC.

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 23-315, date of issue November 17, 2023. All applicable 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 updating the BSCM with the latest available software.

**CLAIMS DATA:**

Labor Operation No:	Labor Description	Skill Category	Labor Time
18-19-23-94	Module, Brake System (BSM) - Inspect (0 - Introduction)	6 - Electrical and Body Systems	0.2 Hrs.
18-19-23-92	Module, Brake System (BSM) - Inspect and Update (0 - Introduction)	6 - Electrical and Body Systems	0.2 Hrs.
Failure code	RF	Required Flash	
	CC	Customer Concern	

## 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 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 DTCs, perform the repair.

## SPECIAL TOOLS/EQUIPMENT:

Description	Ref. No.	Notes
wiTECH or Equivalent	–	–

## REPAIR PROCEDURE:

**NOTE: Install a battery charger to maintain a 12 volt system voltage.**

**NOTE: If this flash process is interrupted/aborted, the flash should be restarted.**

1. Is the vehicle on the RSU VIN list?
  - YES >>> Proceed to [Step 2](#).
  - NO >>> Proceed to [Step 3](#).
2. Does the BSCM module have the latest software already installed?
  - YES >>> This bulletin has been completed, use inspect LOP (18-19-23-94) to close the active RSU.
  - NO >>> Proceed to [Step 3](#).
3. Reprogram the BSCM module with the latest software. Detailed instructions for flashing control modules using the wiTECH Diagnostic Application are available by selecting the application "HELP" tab.
4. 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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