

 PARTS & SERVICES		Technical Service Bulletin (TSB) Flash: Folding Seat Module (FSM) Update			
REFERENCE:	TSB: 08-214-23 GROUP: 08 - Electrical	Date:	September 6, 2023	REVISION:	08-038-22 REV. A
VEHICLES AFFECTED:	2022 (WS) Grand Wagoneer/Wagoneer This bulletin applies to vehicles equipped with a Third Row 60/40 Power Fold Seat (Sales Code CBB).			MARKET APPLICABILITY: ☒ NA ☒ MEA ☐ SA ☒ IAP ☐ EE ☐ CH	
CUSTOMER SYMPTOM:	The customer may describe the following: • **Third row seats stuck in down/cargo position and will not return to the upright seat position with the auto up button. Customers will not be able to unfold the seats from one button press.** • The third row seats are misaligned between the right and left either in folded or unfolded positions. • If a customer hits an obstacle while folding the third row seats, the seats will reverse (obstacle detection). After five obstacle detections in a row, the seat will lose calibration and the seats will be nonfunctional. **Customers may also experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find that the following Diagnostic Trouble Code (DTC) has been set: • B1F28-54-Third row seat LT- recline motor 1 - missing calibration.**				
CAUSE:	FSM software				

This bulletin supersedes Technical Service Bulletin (TSB) 08-038-22 REV. A, date of issue October 04, 2022, which should be removed from your files. All revisions are highlighted with ****asterisks**** and include Converting to an RSU, additional DTC, Symptom, and LOP.

****This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 23-256, date of issue September 06, 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 performing a software update and calibration routine on the FSM.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
**18-52-29-9A	Module, Folding Seat (FSM) - Inspect (0 - Introduction)	6 - Electrical and Body Systems	0.2 Hrs.
18-52-29-9B	Module, Folding Seat (FSM) - Inspect, Reprogram and Calibrate Third Row Seat (0 - Introduction)	6 - Electrical and Body Systems	0.2 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 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 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. **Is the vehicle on the RSU VIN list?
 - YES>>> Proceed to [Step 2](#).
 - NO>>> Proceed to [Step 3](#).
2. Does the FSM have the latest software already installed?
 - YES>>> This bulletin has been completed. Use Inspect LOP (18-52-29-9A) to close the active RSU.
 - NO>>> Proceed to [Step 3](#).**
3. Reprogram the FSM 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.
4. Clear any DTCs that may have been set in any modules due to reprogramming. The wiTECH application will automatically present all DTCs after the flash and allow them to be cleared.
5. Using wiTECH, select "Fold Stow Module".
6. Select "Misc Functions".
7. Select "Third Row Seats Calibration Routine" and follow screen prompts.
8. Clear all DTCs again that may have been set.
9. Verify the third row seats will fold and unfold properly using the one touch button.

POLICY:

Reimbursable within the provisions of the warranty.

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