

Technical Service Bulletin (TSB)
Flash: Folding Seat Module (FSM) Update

REFERENCE:	TSB: 08-213-23 GROUP: 08 - Electrical	Date:	September 2, 2023	REVISION:	–
VEHICLES AFFECTED:	2023 (WS) Grand Wagoneer/Wagoneer This bulletin applies to vehicles built on or before July 31, 2023 (MDH 0731XX) equipped with 3RD Row Seat - 60/40 Power Recline (Sales Code CBB).			MARKET APPLICABILITY: ☒ NA☒ MEA ☐ SA☒ IAP ☐ EE☐ CH	
CUSTOMER SYMPTOM:	The customer may describe the following: • The third row seats are 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. Upon further investigation the technician may find that the following Diagnostic Trouble Code (DTC) has been set: • B1F28-54 - 3rd Row Seat LT - Recline Motor 1- Missing Calibration.				
CAUSE:	FSM Software.				

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 23-255, date of issue September 02, 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 and Reprogram and Perform Parameter Update and Calibrate 3rd 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 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.
5. Using wiTECH, select "Fold Stow Module".
6. Select "Misc Functions".
7. Select "3rd 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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