

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

<b>REFERENCE:</b>	<b>TSB:</b> 08-003-23 REV. A <b>GROUP</b> 08 - Electrical	<b>Date:</b>	April 1, 2023	<b>REVISION:</b>	08-003-23
<b>VEHICLES AFFECTED:</b>	2021 - 2022 (WL) Jeep Grand Cherokee This bulletin applies to vehicles built on or before July 18, 2022 (MDH 0718XX) equipped with a 3rd Row 50/50 Power Fold Seat (Sales Code CBB).	<b>MARKET APPLICABILITY:</b>			
		<input checked="" type="checkbox"/> NA		<input checked="" type="checkbox"/> MEA	
		<input type="checkbox"/> SA		<input checked="" type="checkbox"/> IAP	
		<input checked="" type="checkbox"/> EE		<input type="checkbox"/> CH	
<b>CUSTOMER SYMPTOM:</b>	<b>The customer may describe the following:</b> <ul style="list-style-type: none"> <li>The third row seats are misaligned between the right and left either in folded or unfolded positions.</li> </ul>				
<b>CAUSE:</b>	FSM software				

This bulletin supersedes Technical Service Bulletin (TSB) 08-003-23, date of issue January 6, 2023, which should be removed from your files. All revisions are highlighted with **\*\*asterisks\*\*** and include a new RSU number, updated routine within wiTECH that must be performed and LOP.

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) **\*\*23-100**, date of issue April 01, 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
**18-52-29-98	Module, Folding Seat (FSM) - 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 - RSU	
	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 module have the latest software already installed?
  - YES >>> Proceed to [Step 5](#).
  - 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.

**NOTE: \*\*After performing this FSM flash reprogramming update, it is required that a 3rd row seat parameter update and 3rd row seats calibration routine be performed.**

5. Using wiTECH, select "Fold Stow Module".
6. Select "Misc Functions".
7. Select "3rd Row Seats parameter update" and follow screen prompts.
8. Select "3rd Row Seats Calibration Routine" and follow screen prompts.\*\*
9. Clear all DTCs that may have been set.
10. Verify the third row seats will fold and unfold properly using the one touch button.

**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.*