



**NUMBER:** 08-159-22

**GROUP:** 08 - Electrical

**DATE:** August 19, 2022

*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.*

**This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 22-158, date of issue August 19, 2022. All applicable Sold and Un-Sold 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.**

**SUBJECT:**

Flash: Seat Massage Module (SMM) Updates

**OVERVIEW:**

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

**MODELS:**

2022 (WS) Grand Wagoneer/Wagoneer

**NOTE:** This bulletin applies to vehicles within the following markets/countries: North America.

**NOTE:** This bulletin applies to vehicles built on or before October 25, 2021 (MDH 1025XX) equipped with Power Seat Back Massage - Frt Pass (Sales Code CE5) or Power Seat Back Massage - Frt Driver (Sales Code CE9).

**SYMPTOM/CONDITION:**

The customer may describe the following:

- Either one or both massage seats inoperative after the battery was charged from a full drain state.

**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, perform the repair.

**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 SMM have the latest software already installed?
  - YES>>> This bulletin has been completed, use inspect LOP (18-19-29-90) to close the active RSU.
  - NO>>> Proceed to [Step 3](#).
3. Reprogram the SMM 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.

**TIME ALLOWANCE:**

Labor Operation No:	Description	Skill Category	Amount
18-19-29-90	Module, Seat Massage (SMM) - Inspect (0 - Introduction)	6 - Electrical and Body Systems	0.2 Hrs.
18-19-29-91	Module, Seat Massage (SMM) - Inspect and Reprogram (0 - Introduction)	6 - Electrical and Body Systems	0.4 Hrs.

**NOTE: The expected completion time for the flash download portion of this procedure is approximately 5 minutes. Actual flash download times may be affected by vehicle connection and network capabilities.**

**FAILURE CODE:**

**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.

RF	Required Flash - RSU
CC	Customer Concern

