

Technical Service Bulletin (TSB) Forward Facing Camera (FFCM) Replacement

REFERENCE:	TSB: 08-042-23 REV. A GROUP 08 - Electrical	Date:	July 29, 2023	REVISION:	08-042-23
VEHICLES AFFECTED:	**2022 - 2024 (H1) Jeep Commander 2022 - 2024 (M1) Jeep Compass** 2022 - **2024** (B1) Jeep Renegade **This bulletin applies to vehicles built on or before June 03, 2023 (MDH 0603XX).**			MARKET APPLICABILITY: ☐ NA☐ IAP ☐ EE☐ MEA ☒ SA☐ CH	
CUSTOMER SYMPTOM:	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: • **C008E-00 - ECU Internal Performance.** • B1006-49 HALF (Haptic Lane Feedback) - Internal Electronic Failure. Customer may also comment on one or more of the following: • Assistant alert light on the Instrument Panel Cluster (IPC). • Automatic headlight warning light on the IPC. • “Automatic head lamps not available” message on the IPC. • “Forward Collision Alert (FCW) not available” message on the IPC. • “Lane assist not available” message on the IPC.				
CAUSE:	Forward Facing Camera (FFCM)				

This bulletin supersedes Technical Service Bulletin (TSB) 08-042-23, date of issue February 07, 2023, which should be removed from your files. All revisions are highlighted with ****asterisks**** and include converting to an Rapid Service Update (RSU), additional Diagnostic Trouble Code (DTC), vehicles and model years, parts and LOP.

****This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 23-229. date of issue July 29, 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 replacing the FFCM if required.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
**08-20-08-02	Module, Forward Facing Camera (FFCM) Inspect (1 - Semi-Skilled)	6 - Electrical and Body Systems	0.2 Hrs
08-20-08-04	Module, Forward Facing Camera (FFCM) Replace and Program (1 - Semi-Skilled)	6 - Electrical and Body Systems	0.7 Hrs**
Failure Code:	ZZ	Service Action	

SPARE PARTS:

Qty	Part No.	Description	Notes
**1 (AR)	52220098 South America	Forward-Facing Camera Module (FFCM)	M1 vehicles
1 (AR)	50155529 South America	Forward-Facing Camera Module (FFCM)	H1 vehicles**
1 (AR)	52189749 South America	Forward-Facing Camera Module (FFCM)	B1 vehicles

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.

Is one or both of the DTCs B1006-49 or C008E-00 set on the FFCM module or are any of the customer symptoms present?

- YES>>> Proceed to [Step 1](#) of the Repair Procedure.
- NO>>> **This bulletin has been completed, use inspect LOP (08-20-08-02) to close the active RSU. Vehicles not on the RSU VIN list, Normal diagnosis should be performed.**

SPECIAL TOOLS/EQUIPMENT:

Description	Ref. No.	Notes
wiTECH or Equivalent	—	—

REPAIR PROCEDURE:

1. Replace the FFCM. Refer to the detailed service procedures available in DealerCONNECT>Service Library> under: 08 - Electrical / 8E - Electronic Control Modules / Module, Forward Facing Camera Half / Removal and Installation.
2. Follow the routine outlined in the diagnostic scan tool (wiTECH2) for PROXI Configuration Alignment under the Body Control Module (BCM) "Miscellaneous Functions" menu.
3. Perform static and dynamic learning of new FFCM, according to the operations indicated in wiTECH2: FFCM module / Miscellaneous Functions.
4. Using wiTECH, clear any DTCs which may have been set during the Repair Procedure.

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.