

Technical Service Bulletin (TSB)

Forward Facing Camera Module (FFCM) Replacement

REFERENCE:	TSB: 08-042-23 GROUP 08 - Electrical	Date:	February 7, 2023	REVISION:	—
VEHICLES AFFECTED:	2022 - 2023 (B1) Jeep Renegade			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: - 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 headlamps 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)				

REPAIR SUMMARY:

This bulletin involves replacing the FFCM if required.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
08-20-08-92	Module, Forward Facing Camera (FFCM) Replace and Program	(1 - Semi-Skilled)	0.5 Hrs
Failure Code:	ZZ	Service Action	

SPARE PARTS:

Qty	Part No.	Description	Notes
1 (AR)	52189749 South America	Forward-Facing Camera Module (FFCM)	

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 the customer describes the symptom/condition listed above or if the technician finds the DTC, perform the Repair Procedure.

Is the DTC B1006-49 set on the FFCM module?

- YES>>> Proceed to [Step 1](#) of the Repair Procedure.
- NO>>> This bulletin has been completed. 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.

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