



# TECHNICAL SERVICE BULLETIN

## Inoperative Cabin Preconditioning - Built On Or Before 13-Mar-2023

**23-2239**

26 July 2023

This bulletin supersedes 23-2169.

**Model:**

<b>Ford</b> 2022-2023 F-150 Lightning	Built on or before 13-Mar-2023
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**Summary**

This article supersedes TSB 23-2169 to add the production fix date.

**Issue:** Some 2022-2023 F-150 Lightning vehicles built on or before 13-Mar-2023 may exhibit an inoperative cabin preconditioning event. This may be due to the current software level of several modules in the vehicle. To correct this condition, follow the Service Procedure to update the applicable modules to their latest software level.

**Action:** Follow the Service Procedure to correct the conditions on vehicles that meet the following criteria:

- 2022-2023 F-150 Lightning
- Built on or before 13-Mar-2023
- Inoperative preconditioning feature

**Warranty Status:** Eligible under provisions of New Vehicle Limited Warranty (NVLW)/Service Part Warranty (SPW)/Special Service Part (SSP)/Extended Service Plan (ESP) coverage. Limits/policies/prior approvals are not altered by a TSB. NVLW/SPW/SSP/ESP coverage limits are determined by the identified causal part and verified using the OASIS part coverage tool.

**Labor Times**

Description	Operation No.	Time
2022-2023 F-150 Lightning: Reprogram The Appropriate Modules As Required By The Software Update And Service Procedure (Do Not Use With Any Other Labor Operations)	MT232239	Actual Time

**Repair/Claim Coding**

Causal Part:	RECAL
Condition Code:	04

**Service Procedure**

1. Reprogram the powertrain control module (PCM) using the latest software level of the Ford Diagnosis and Repair System (FDRS). Follow all on-screen instructions carefully to complete all coordinated module software updates.
2. Check for available software updates on the following modules and update as required:
  - Anti-lock brake system (ABS) module
  - Battery energy control module (BECM)
  - Secondary on-board diagnostic control module (SOBDM)
  - Secondary on-board diagnostic control module B (SOBDMB)
  - Secondary on-board diagnostic control module C (SOBDM-C)
  - If the vehicle is equipped with dual chargers, generic function module 2 (GFM2)

NOTE: The information in Technical Service Bulletins is intended for use by trained, professional technicians with the knowledge, tools, and equipment to do the job properly and safely. It informs these technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by "do-it-yourselfers". Do not assume that a condition described affects your car or truck. Contact a Ford or Lincoln dealership to determine whether the Bulletin applies to your vehicle. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article. The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supersede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.