



TECHNICAL SERVICE BULLETIN

Intermittent Passive Entry Feature Inoperative

24-225021 August
2024**Model:**

Ford 2022-2023 F-150	Lightning
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Markets: North America markets only

Issue: Some 2022-2023 F-150 Lightning vehicles may exhibit an intermittent passive entry feature inoperative or only working when the key fob is a few inches away from the handle, even though the 12V battery SOC is over 50% and no DTCs are stored in the BCM. This may be due to the configuration of the BCM. To correct this condition, follow the Service Procedure to perform the **Body Control Module (BCM) - Programmable Module Installation (PMI)** application using the latest software version of the FDRS scan tool.

Action: Follow the Service Procedure to correct the condition on the vehicles that meet all of the following criteria:

- 2022-2023 F-150 Lightning
- intermittent passive entry feature inoperative or only working when the key fob is a few inches away from the handle
- Battery SOC over 50%
- No DTCs stored in the BCM

Warranty Status: Eligible under provisions of New Vehicle Limited Warranty (NVLW)/Service Part Warranty (SPW)/Service Part New Vehicle (SPNV)/Extended Service Plan (ESP) coverage. Limits/policies/prior approvals are not altered by a TSB. NVLW/SPW/SPNV/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: Download And Run The BCM PMI Application Includes Time To Run The TPMS Learning Procedure and Retest Passive Entry Feature Following The Service Procedure (Do Not Use With Any Other Labor Operations)	242250A	0.4 Hrs.

Repair/Claim Coding

Causal Part:	15604
Condition Code:	04

Service Procedure

NOTE: All key fobs for the vehicle will be required from the customer prior to beginning Step 1. The extra key fob will need to be placed in the passive key back-up starting location under the rear cupholder in the console near the shifter. The rubber piece at the bottom of the cupholder needs to be removed to access the passive key back-up starting location.

1. Download and run the **Body Control Module (BCM) - Programmable Module Installation (PMI)** application using the latest software level of the FDRS scan tool.
 - (1). When the application asks "Is the original module installed?", answer "No".
 - (2). When the application subsequently asks "Do you wish to start the TPMS learning procedure?", answer "Yes".
2. Retest the passive entry feature on all doors and the tailgate by locking the door with both key fobs and then re-approaching the door handles to see if they unlock. Is the concern still present?

(1). Yes - run a BCM Self-Test using the latest software level of the FDRS scan tool and refer to the WSM, Section 501-14 Handles, Locks, Latches and Entry Systems > Diagnosis and Testing for additional diagnosis outside of this article.

(2). No - repair is complete.

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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.