



TECHNICAL SERVICE BULLETIN

23-2125

Vehicle Range Reading Low After Charging To 80% Or Higher Using A Level 1 Or Level 2 AC Charger

26 May 2023

Model:

Ford 2022-2023 F-150 Lightning	Platinum trim level
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Issue: Some 2022-2023 F-150 Lightning vehicles with the Platinum trim level may exhibit a lower than expected vehicle range reading in the instrument panel cluster (IPC) after charging to 80% or higher using a level 1 or level 2 alternating current (AC) charger. This may be due to software in the secondary on board diagnostic module C (SOBDMC). To correct the condition, follow the Service Procedure to reprogram various modules starting with the (SOBDMC).

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

- 2022-2023 F-150 Lightning with Platinum trim
- Vehicle range reading low after charging to 80% or higher using a level 1 or level 2 AC charger

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)	MT232125	Actual Time Up To 0.7 Hrs.

Repair/Claim Coding

Causal Part:	RECAL
Condition Code:	04

Service Procedure

NOTE: When performing the SOBDM software update, additional modules may receive software updates. Depending on vehicle features, the coordinated software update includes the powertrain control module (PCM), SOBDMC, antilock brake system (ABS) module and/or battery energy control module (BECM).

1. Reprogram the SOBDMC using the latest software level with the Ford Diagnosis and Repair System (FDRS) scan tool. Follow all on-screen instructions carefully to complete all coordinated module software updates.

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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.