



TECHNICAL SERVICE BULLETIN

Illuminated Powertrain Temperature Warning Lamp With Diagnostic Trouble Code (DTC) P0A3C:94 In The SOBDMB And/Or SOBDMC

23-2316

03 October
2023

Model:

Ford
2022-2023 F-150 Lightning

Issue: Some 2022-2023 F-150 Lightning vehicles may exhibit an illuminated powertrain temperature warning lamp accompanied by a Motor Coolant Over Temperature message in the instrument panel cluster (IPC) with DTC P0A3C:94 stored in the secondary on-board diagnostic control module B (SOBDMB) and/or the secondary on-board diagnostic control module C (SOBDMC). This may be due to the software within the SOBDMB and/or SOBDMC. To correct this condition, follow the Service Procedure to bring both modules to the latest software level.

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

- 2022-2023 F-150 Lightning
- DTC P0A3C:94 in the secondary on-board diagnostic control module B (SOBDMB) and/or secondary on-board diagnostic control module C (SOBDMC)

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)	MT232316	Actual Time

Repair/Claim Coding

Causal Part:	RECAL
Condition Code:	04

Service Procedure

1. Reprogram the SOBDMC 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. If a software update is available, reprogram the SOBDMB using the latest software level of the FDRS. Follow all on-screen instructions carefully to complete all coordinated module software updates.

© 2023 Ford Motor Company

All rights reserved.

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.