



TECHNICAL SERVICE BULLETIN

Illuminated ABS Indicator, Stability-Traction Control Indicator And DTC C1013:09

22-2448

22 November
2022

Model:

Ford 2021-2022 F-150	Engine: 3.5L EcoBoost
2022 F-150 Lightning	

Issue: Some 2021-2022 F-150 3.5L PowerBoost and 2022 F-150 Lightning vehicles may exhibit an illuminated anti-lock brake system (ABS) indicator and stability-traction control indicator and diagnostic trouble code (DTC) C1013:09 stored in the ABS module. This may be due to software in the ABS module. To correct the condition, follow the Service Procedure to reprogram various modules starting with the powertrain control module (PCM).

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

- One of the following vehicles:
 - 2021-2022 F-150 3.5L PowerBoost
 - 2022 F-150 Lightning
- DTC C1013:09 is stored in the ABS module

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
2021-2022 F-150 3.5L PowerBoost, 2022 F-150 Lightning: Retrieve DTCs, Reprogram The PCM And Any Additional Modules Required By The Software Update (Do Not Use With Any Other Labor Operations)	MT222448	Actual Time

Repair/Claim Coding

Causal Part:	RECAL
Condition Code:	04

Service Procedure

NOTE: When performing the PCM software update, additional modules may receive software updates. Depending on vehicle features, the coordinated software update includes the PCM, secondary on-board diagnostic module C (SOBDMC), ABS module and/or battery energy control module (BECM).

1. Reprogram the PCM 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.

NOTE: For 3.5L PowerBoost vehicles, advise the customer this vehicle is equipped with an adaptive transmission shift strategy which allows the vehicle's computer to learn the transmission's unique parameters and improve shift quality. When the adaptive strategy is reset, the computer will begin a relearning process. This relearning process may result in firmer than normal upshifts and downshifts for several days.

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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.