



TECHNICAL SERVICE BULLETIN

3.5L PowerBoost/Lightning - ABS PMI Failure

24-2068

11 March
2024

Model:

Ford 2023 F-150	Engine: 3.5L V6 PowerBoost Lightning
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Markets: Published by Ford North America

Issue: Some 2023 F-150 vehicles equipped with 3.5L PowerBoost engine and F-150 Lightning vehicles receiving a replacement ABS module may experience an error during the FDRS PMI routine which states **Procedure Unsuccessful - GetFlashActionPartNumbers Unable To Obtain Flash Action Part Numbers From Available Topology**. This may be due to the software level of the PCM and/or the SOBDMC. To correct this condition, perform the Service Procedure below to reprogram the PCM to the latest software level via the FDRS.

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

- 2023 F-150 equipped with 3.5L PowerBoost engine or F-150 Lightning
- Failing ABS PMI routine with FDRS message stating: **Procedure Unsuccessful - GetFlashActionPartNumbers Unable To Obtain Flash Action Part Numbers From Available Topology**

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
2023 F-150 3.5L PowerBoost/Lightning: Reprogram The Appropriate Modules As Required By The Software Update And Service Procedure (Do Not Use With Any Other Labor Operations)	MT242068	Actual Time

Repair/Claim Coding

Causal Part:	RECAL
Condition Code:	04

Service Procedure

1. Reprogram the appropriate modules.

(1). For vehicles equipped with the 3.5L PowerBoost, reprogram the PCM and the SOBDMC using the latest software level of the FDRS diagnostic scan tool. Follow all on-screen instructions carefully to complete all coordinated module software updates.

NOTE: For 3.5L PowerBoost equipped 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.

(2). For F-150 Lightning vehicles, reprogram the SOBDMC using the latest software level of the FDRS diagnostic scan tool. Follow all on-screen instructions carefully to complete all coordinated module software updates.

2. Run the **ABS - Programmable Module Installation (PMI)** application using the latest software level of the FDRS diagnostic scan tool.

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