



TECHNICAL SERVICE BULLETIN

Non-Lightning - Illuminated Powertrain Malfunction (Wrench) Indicator - DTC U031D Stored In The PCM

24-2097

28 March
2024

Model:

Ford 2021-2022 F-150	Non-Lightning
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Markets: Published by Ford North America

Issue: Some 2021-2022 F-150 non-Lightning vehicles may exhibit an illuminated powertrain malfunction (wrench) indicator and **Service Vehicle Soon** message in the IPC with DTC U031D in the PCM and no other drivability concerns. This may be due to the configuration of the PCM. To correct this condition, follow the Service Procedure to update the PCM to the correct configuration.

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

- 2021-2022 F-150 non-Lightning
- Illuminated powertrain malfunction (wrench) indicator with DTC U031D stored in the PCM

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 - Non-Lightning – Check DTC's, Download And Run The PCM - Pro Trailer Hitch Assist Configuration Application (Do Not Use With Any Other Labor Operations)	242097A	0.3 Hrs.

Repair/Claim Coding

Causal Part:	RECAL
Condition Code:	04

Service Procedure



CAUTION: Vehicles that do not have DTC U031D stored in the PCM will have Pro Trailer Hitch Assist disabled (if equipped) after completing this application and cannot be re-enabled using FDRS. Vehicles that have DTC U031D stored in the PCM are not equipped with Pro Trailer Hitch Assist.

1. Download and run the PCM - Pro Trailer Hitch Assist Configuration application using the latest software level of the FDRS scan tool. The application will display a pop-up message requesting a password to proceed. The password is DSPWR295. After entering the password, proceed with running the application.

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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.

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