TECHNICAL SERVICE BULLETIN
False Alarm Activation With A Trailer Connected And/Or A U0143:87 Stored In The TRM - Built On Or Before 22-Feb-2022

22-2122
30 March 2022

This bulletin supersedes 22-2084.

Model:

Ford 2021-2022 F-150	built on or before 22-Feb-2022

Summary

This article supersedes TSB 22-2084 to update the Issue and Action statement.

Issue: Some 2021-2022 F-150 vehicles built on or before 22-Feb-2022 may experience a false alarm activation event with a trailer connected and/or a U0143:87 stored in the trailer module (TRM). Vehicles that exhibit a false alarm activation may also display a Security System Detected A Trailer Disconnect message in the FordPass app. This may be due to various software parameters in the TRM. To correct the condition, follow the Service Procedure to reprogram the TRM, driver door module (DDM) and the passenger door module (PDM).

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

- 2021-2022 F-150

- Built on or before 22-Feb-2022

- One or more of the following symptoms:

  - False alarm activation event with a trailer connected
  - Security System Detected A Trailer Disconnect message displayed in the FordPass app
  - U0143:87 stored in the TRM

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: Check For Available Software Updates, Download And Run Updates Following The Service Procedure Includes Time To Perform The Power Window Initialization (Do Not Use With Any Other Labor Operations)	222122A	0.4 Hrs.

Repair/Claim Coding

Causal Part:	19H332
Condition Code:	04

Service Procedure

1. Check the TRM for a software update using the latest software level of the Ford Diagnosis and Repair System (FDRS) scan tool. Is there a software update available for the TRM?

(1). Yes - download and run the TRM - Trailer Module (TRM) Software Update app. Proceed to Step 2.

(2). No - this article does not apply. Refer to Workshop Manual (WSM), Section 414-01.

2. Check the DDM and the PDM for software updates using the latest software level of FDRS scan tool. Is there a software update available for the DDM and/or the PDM?

(1). Yes - download and run the DDM - Driver Door Module (DDM) Software Update app and/or the PDM - Passenger Door Module (PDM) Software Update app. Proceed to Step 3.

(2). No - repair is complete.

3. Perform the Power Door Window Initialization for the driver and/or passenger front windows by downloading and running the DDM and/or PDM Power Door Window Initialization app in FDRS.