



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25V731

Manufacturer Name: Ford Motor Company

Submission Date: Oct 24, 2025

NHTSA Recall No.: 25V731

Manufacturer Recall No.: 25SB6

Manufacturer Information

Population

Manufacturer Name: Ford Motor Company

Address: 330 Town Center Drive
Suite 500
Dearborn MI, 48126-2738

Total number of potentially involved: 14,843

Estimated percentage with defect: 1%

Vehicle Information

Vehicle 1: 2022-2023 FORD F-150 LIGHTNING BEV

Product Category: Light Vehicles

Product Type:

Fuel / Propulsion: Electric Battery Power

Production Dates: Oct 14, 2021 - Mar 28, 2023

Number of potentially involved: 14,843

Descriptive Information:

Affected vehicles are F-150 BEV Platinum and Lariat trim series vehicles equipped with a rear lightbar that were serviced under Ford safety recall 23S30. Certain dealership technicians may not have followed the 23S30 remedy technical instructions.

These vehicles are not produced in VIN order. Information as to the applicability of this action to specific vehicles can best be obtained by either calling Ford's toll-free line (1-866-436-7332) or by contacting a local Ford or Lincoln dealer who can obtain specific information regarding the vehicles from the Ford On-line Automotive Service Information System (OASIS) database.

Defect / Noncompliance Description

Description of the defect or noncompliance:

The rear lightbar may have microcracks in the outer lens that can lead to moisture accumulation inside the lightbar. Moisture inside the lightbar can result in inoperative or flickering reverse lamp function.

FMVSS1:

FMVSS2:

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Description of the safety risk, including crash, fire, death, injury:

Inoperative or flickering reverse lamps can increase the risk of a crash.

Description of the cause:

When repairing vehicles under safety recall 23S30, dealership technicians may not have replaced the original six metal fasteners with the required plastic pushpins. The original metal fasteners can transfer stress to the lightbar lens and result in microcracks.

Identification of any warning that can occur:

The customer may observe water droplets in the lightbar outer lens.

Component Manufacturer

Tier of Supplier: Tier 1

Supplier Type:

Name: SL America Corporation

Address: 4375 Giddings Dr
Auburn Hills MI, 48326

Country: United States

Involved Components

Component Name 1: BAR ASY RR LT

Component Description: Ford F150 Lightning Tailgate Backup and Tail lamp

Component Part Number: NL34-13N466-AE

Chronology

On September 25, 2025, an issue pertaining to rear lightbar failures due to moisture on 2022-2023 model year F-150 BEV Lightning vehicles was brought to Ford's Critical Concern Review Group (CCRG) for review. Ford initially identified a social media complaint on April 30, 2025, which claimed a rear lightbar failure occurred after the customer received the remedy for safety recall 23S30. Ford conducted a review of vehicle owner questionnaires (VOQs) and warranty claims between May 2025 and July 2025 to determine whether it could identify similar concerns. Based on Ford's review, Ford determined that other customers were complaining that the issue exists after lightbar replacement. Ford conducted an engineering study in August and September 2025 and found witness marks on the replacement part. These witness marks matched witness marks on 15 warranty return parts and indicated that dealership technicians were reusing the original metal fasteners rather than installing the prescribed plastic pushpins under the 23S30 technical service instructions. Upon identifying this potential concern with the remedy repair, the issue was brought to CCRG to evaluate the potential impact of these witness marks.

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The CCRG evaluated the effect of the metal fasteners on the lightbar lens. As part of the original investigation that led to recall 23S30, the CCRG determined that static and dynamic forces on the lightbar and housing could transfer stress to the lightbar lens. In this new investigation, CCRG determined that this stress could transfer to the new lightbar lens through the metal fasteners, which could result in microcracks, allow moisture ingress into the lightbar, and eventually lead to inoperative or flickering reverse lamps.

As of October 2, 2025, Ford identified 16 VOQs, 13 customer complaints, five (5) field reports, and 15 warranty claims, collectively representing 47 unique VINs and received from November 28, 2023 to August 25, 2025.

On October 17, 2025, Ford's Field Review Committee reviewed the concern and approved a field action. Ford is not aware of any reports of accident or injury related to this condition.

Related NHTSA Recall Number: 23V418

Description of Remedy

Remedy Type: Inspect, Replace

Consumer Advisories: ☐ Do Not Drive ☐ Park Outside

Description of remedy program:

Owners will be notified by mail and instructed to take their vehicle to a Ford or Lincoln dealer to have the rear lightbar inspected. If the lightbar is not installed with six (6) plastic pushpins, the dealer will replace the lightbar and fasteners. There will be no charge for this service.

How remedy component differs from recalled component:

A new rear lightbar assembly kit (Part Number KTNL34-13N466-BA), which includes a lightbar and six plastic pushpins, will be installed to replace the recalled rear lightbar (Part Number NL34-13N466-AE).

Identify how/when recall condition was corrected in production:

N/A

Reimbursement Plan

Manufacturer used general reimbursement plan on file.

Recall Schedule

Part 573 Safety Recall Report**25V731****Description of recall schedule:**

Notification to dealers is expected to occur on October 29, 2025. Mailing of interim owner notification letters is expected to begin November 03, 2025 and is expected to be completed by November 07, 2025. Mailing of remedy owner notification letters is expected to begin March 23, 2026 and is expected to be completed by March 27, 2026. The date VINs are planned to be searchable is October 29, 2025.

Planned Dealer Notification Date: Oct 29, 2025 - Oct 29, 2025 ☐ No Dealers

Planned Interim Owner Notification Date: Nov 03, 2025 - Nov 07, 2025 ☐ No Owners

Planned Remedy Owner Notification Date: Mar 23, 2026 - Mar 27, 2026 ☐ Phased Recall

Date when VIN will be searchable: Oct 29, 2025