

# Part 573 Safety Recall Report

## 25V-131

**Manufacturer Name :** Ford Motor Company**Submission Date :** FEB 28, 2025**NHTSA Recall No. :** 25V-131**Manufacturer Recall No. :** 25S18**Manufacturer Information :**

Manufacturer Name : Ford Motor Company

Address : 330 Town Center Drive

Suite 500 Dearborn MI 48126-2738

Company phone : 1-866-436-7332

**Population :**

Number of potentially involved : 950

Estimated percentage with defect : 1 %

**Vehicle Information :**

Vehicle 1 : 2022-2024 Ford F-150 BEV

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

**Descriptive Information :** Ford's team reviewed supplier process and maintenance records to determine the population of affected parts. The Ford process is capable of tracing high voltage battery array production to the vehicle in which the array is installed.

The recalled vehicles may be equipped with high voltage battery array(s) with suspect cells. Ford will update this Defect Information Report if additional vehicles with affected arrays are identified.

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.

Production Dates : MAR 16, 2022 - AUG 14, 2024

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential**Description of Defect :**

**Description of the Defect :** Affected vehicles could experience an internal short circuit in the high voltage battery after repeated charge and discharge cycles.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** After repeated charge and discharge cycles, the vehicle could experience an internal short circuit in the battery which could result in a fire.

**Description of the Cause :** Due to production process deviations at the supplier, the electrodes in the high voltage battery cells may be misaligned. Over repeated charge and discharge cycles, this misalignment can eventually lead to an internal short circuit.

**Identification of Any Warning that can Occur :** There are no warning lights or indicators associated with this concern. There may be smoke or heat in the high voltage battery pack which could melt or damage the battery pack and other vehicle components.

## Involved Components :

**Component Name 1 :** High Voltage Battery Array

**Component Description :** High Voltage Battery Array 5P11S

**Component Part Number :** NL38-10C779-AD

**Component Name 2 :** High Voltage Battery Array

**Component Description :** High Voltage Battery Array 5P8S

**Component Part Number :** NL38-10C779-BD

**Component Name 3 :** High Voltage Battery Array

**Component Description :** High Voltage Battery Array 4P10S

**Component Part Number :** NL38-10C779-CD

## Supplier Identification :

### Component Manufacturer

**Name :** SK Battery America (SKBA)

**Address :** 1760 Steve Reynolds Industrial Pkwy  
Commerce Georgia 30539

**Country :** United States

## Chronology :

Chronology is provided as an attachment.

Description of Remedy :

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 high voltage battery array serial numbers inspected and the array(s) replaced as needed. Ford recommends limiting charging of the high voltage battery to 80% state of charge until the recall service is performed. There will be no charge for this service.  Ford provided the general reimbursement plan for the cost of remedies paid for by vehicle owners prior to notification of a safety recall in May 2023. Owners who have paid to have these repairs completed at their own expense may be eligible for reimbursement, in accordance with the recall reimbursement plan on file with NHTSA.
How Remedy Component Differs from Recalled Component :	The replacement high voltage battery arrays are produced with processes that meet specifications.
Identify How/When Recall Condition was Corrected in Production :	Not required per 49 Part 573.

Recall Schedule :

Description of Recall Schedule :	Notification to dealers is expected to occur on March 3, 2025. Mailing of owner notification letters is expected to begin March 17, 2025 and is expected to be completed by March 21, 2025.
Planned Dealer Notification Date :	MAR 03, 2025 - MAR 03, 2025
Planned Owner Notification Date :	MAR 17, 2025 - MAR 21, 2025

\* NR - Not Reported