

Part 573 Safety Recall Report

23V-168

Manufacturer Name : Ford Motor Company**Submission Date :** MAR 15, 2023**NHTSA Recall No. :** 23V-168**Manufacturer Recall No. :** 23S15**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 : 18

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2023-2023 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 pack production to the vehicle in which the high voltage battery pack is installed.

The eighteen [18] 2023 model year F-150 BEV vehicles that are affected are equipped with high voltage battery cells built in the suspect time window.

Ford vehicles are not produced in VIN order and we typically cannot provide VIN specific information. However, in this instance Ford is able to provide the specific VIN list – see attachment VINs.

Production Dates : JAN 20, 2023 - JAN 26, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : A manufacturing defect in the high voltage battery cells may result in an internal short circuit when the high voltage battery is at a high state of charge.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : When the vehicle's high voltage battery is at a high state of charge, 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 cathode aluminum tabs may contact the anode electrode material causing an internal short circuit when the high voltage battery cells are at a high state of charge.

Identification of Any Warning that can Occur : 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

Component Part Number : NL38-10C779-CC

Supplier Identification :

Component Manufacturer

Name : SK Battery America (SKBA)

Address : 1760 Steve Reynolds Industrial Pkwy
Commerce Georgia 30529

Country : United States

Chronology :

Chronology is provided as an attachment.

Description of Remedy :

Description of Remedy Program : Ford started to reach out to owners by phone on March 10, 2023. Owners will also be notified by mail and instructed to take their vehicle to a Ford or Lincoln dealer to have the vehicle's high voltage battery pack replaced. 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 2021. The ending date for reimbursement eligibility is estimated to be April 14, 2023.

Ford will forward a copy of the notification letters to dealers to the agency when available.

How Remedy Component Differs from Recalled Component : The replacement high voltage battery packs have cells that are produced with processes that meet specifications.

Identify How/When Recall Condition was Corrected in Production : Dearborn Truck Plant's Rouge Electrical Vehicle Center resumed vehicle production with clean stock of high voltage battery packs on March 13, 2023.

Recall Schedule :

Description of Recall Schedule : Notification to dealers occurred on March 10, 2023. Mailing of owner notification letters is expected to begin March 27, 2023 and is expected to be completed by April 07, 2023.

Planned Dealer Notification Date : MAR 15, 2023 - MAR 15, 2023

Planned Owner Notification Date : MAR 27, 2023 - APR 07, 2023

* NR - Not Reported