

# Part 573 Safety Recall Report

# 24V-685

**Manufacturer Name :** Ford Motor Company**Submission Date :** SEP 13, 2024**NHTSA Recall No. :** 24V-685**Manufacturer Recall No. :** 24S61**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 : 61

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2024-2024 Ford Explorer

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : HYBRID ELECTRIC

Descriptive Information : Affected vehicles are equipped with 3.3L Hybrid engines.

An improperly secured wire harness was introduced into production on 05/01/2023. After 03/29/2024, the harness is properly secured in production.

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 Online Automotive Service Information System (OASIS) database.

Production Dates : MAY 01, 2023 - MAR 28, 2024

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : The unfused 12-volt battery cable is not secured properly and may contact the Belt-integrated Starter Generator (BiSG), resulting in damage to one or more circuits within the cable.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the battery cable contacts the BiSG during vehicle operation, it may cause damage to the battery cable insulation, creating the potential for a short circuit and increasing the risk of a fire.

Description of the Cause : The design of the retention features for the battery cable does not account for

assembly variability and does not provide sufficient clearance to nearby components.

Identification of Any Warning that can Occur : Vehicles may display a check engine light and/or customers may experience a slow crank or no crank when attempting to start the vehicle.

## Involved Components :

Component Name 1 : Positive Battery Cable

Component Description : 3.3L FHEV Battery Cable

Component Part Number : R1MT-14B060-CB

## Supplier Identification :

### Component Manufacturer

Name : Ford Motor Company

Address : 1 American Road  
Dearborn Michigan 48126

Country : United States

## Chronology :

On July 16, 2024, an issue pertaining to insufficient clearance between the battery cable and BiSG was brought to Ford's Critical Concern Review Group for review.

During July and August, 2024, Ford conducted static and dynamic clearance studies and determined that a touch condition could exist between the battery cable and BiSG during dynamic conditions such as engine roll. A touch condition can result in damage to the battery cable .

On September 6, 2024, Ford's Field Review Committee reviewed the concern and approved a field action.

Ford is not aware of any warranty claims, field reports, or customer complaints related to this concern.

Ford is not aware of any reports of accident or injury related to this condition.

## 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 a tie strap installed between the battery cable and high voltage cable. 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 : An additional retention feature (tie strap) will be added to the existing battery cable.

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 September 16, 2024. Mailing of owner notification letters is expected to begin October 21, 2024 and is expected to be completed by October 25, 2024.

Planned Dealer Notification Date : SEP 17, 2024 - SEP 17, 2024

Planned Owner Notification Date : OCT 21, 2024 - OCT 25, 2024

\* NR - Not Reported