

# Part 573 Safety Recall Report

# 21V-923

**Manufacturer Name :** Ford Motor Company**Submission Date :** NOV 24, 2021**NHTSA Recall No. :** 21V-923**Manufacturer Recall No. :** 21S49**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 : 5

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2022-2022 Ford F-Super Duty: F250, F350

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

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 driver airbag cover production to the vehicle in which the driver airbag cover is installed.

Affected vehicles were built with driver airbag covers that did not pass all material testing requirements.

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 : MAY 26, 2021 - JUN 02, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

**Description of the Defect :** Affected vehicles were built with driver airbag covers that may have insufficient tensile strength at higher time-in-service, creating a potential for cover fragmentation during an airbag deployment.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** In the event of a crash necessitating deployment of the frontal airbags, a driver airbag could project a fragment or fragments of the airbag cover

toward the occupant, increasing the risk of injury to the occupant.

Description of the Cause : Driver airbag covers were manufactured with a new material before successful completion of all applicable testing of the new material by the supplier.

Identification of Any Warning that can Occur : None

## Involved Components :

Component Name 1 : Driver Airbag Module  
Component Description : Driver Airbag Module  
Component Part Number : HC3B-25042B85-BR3

## Supplier Identification :

### Component Manufacturer

Name : Joyson Safety Systems Acquisition, LLC  
Address : 2500 Innovation Drive  
Auburn Hills Michigan 48326  
Country : United States

## Chronology :

On August 12, 2021, an issue pertaining to unexpected performance of a 2022 Model Year Super Duty driver airbag in a deployment test simulating a high mileage/high time-in-service component was brought to Ford's Critical Concern Review Group for review.

Investigation found that the driver airbag supplier, Joyson, had changed the airbag cover resin material due to ceased production of the previous resin by a sub-supplier. During post-launch component validation deployment testing of the new resin, cover fragments were noted during the test. Engineering analysis showed the new resin had insufficient tensile strength to withstand forces during high mileage/high time-in-service life cycle testing, causing the retention tabs to break, and the subsequent cover fragmentation. Additional deployments with simulated tab breakage were conducted to evaluate the potential for such fragments to be projected toward the occupant.

As of November 10, 2021, Ford is not aware of any warranty claims or field reports.

On November 17, 2021, 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.

## 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 driver airbag module replaced. There will be no charge for this service.  
Ford is excluding reimbursement for costs because the original warranty program would provide for a free repair for this concern.

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

How Remedy Component Differs from Recalled Component : The remedy driver airbag covers (Part Number: HC3B-25042B85-BR3) are manufactured with a different material that meets all test requirements.

Identify How/When Recall Condition was Corrected in Production : NR

## Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on November 24, 2021.  
Mailing of owner notification letters is expected to begin January 17, 2022 and is expected to be completed by January 21, 2022.

Planned Dealer Notification Date : NOV 24, 2021 - NOV 24, 2021

Planned Owner Notification Date : JAN 17, 2022 - JAN 21, 2022

\* NR - Not Reported