



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25V396

Manufacturer Name: Ford Motor Company

Submission Date: Jun 13, 2025

NHTSA Recall No.: 25V396

Manufacturer Recall No.: 25C27

Manufacturer Information

Population

Manufacturer Name: Ford Motor Company

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

Total number of potentially involved: 2,272

Estimated percentage with defect: 28%

Vehicle Information

Vehicle 1: 2025-2025 FORD BRONCO

Product Category: Light Vehicles

Product Type: Multipurpose Passenger Vehicle

Fuel / Propulsion: Spark Ignition Fuel

Production Dates: Apr 26, 2025 - May 12, 2025

Number of potentially involved: 2,272

Descriptive Information:

Ford's team reviewed supplier process and maintenance records to determine the population of affected vehicles. The Ford process is capable of tracing passenger airbag production to the vehicle in which the passenger airbag is installed.

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 active vent flap of the passenger airbag may not open during a crash that deploys the passenger airbag. If the active vent flap fails to open, the internal cushion pressure will not decrease as rapidly as designed, resulting in a higher-pressure cushion interacting with an occupant. As such, these vehicles fail to comply with the requirements of Federal Motor Vehicle Safety Standard (FMVSS) No. 208 Occupant Crash Protection.

FMVSS1: 208 - Occupant crash protection

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FMVSS2:

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

If the active vent flap of the passenger airbag does not open, it increases the risk of occupant injury in the event of a crash that deploys the passenger airbag.

Description of the cause:

Certain passenger airbags assembled by the supplier were manufactured with plastic flanges that could break when the airbag is deployed.

Identification of any warning that can occur:

None

Component Manufacturer

Tier of Supplier: Tier 2

Supplier Type: Other

Name: Joyson Safety Systems

Address: LIBRAMIENTO CAR SAL DE GOR #198
COLONIA AVIACION / CIUDAD FRON Foreign States, 25610

Country: Mexico

Involved Components

Component Name 1: Passenger Airbag

Component Description: Passenger Airbag Module

Component Part Number: M2DB-S044A74-AL

Chronology

May – June 2025

On May 15, 2025, an issue pertaining to the 2025 model year Ford Bronco passenger airbag active vent was brought to Ford's Critical Concern Review Group (CCRG) for review. The passenger airbag supplier informed Ford that the active vent on the passenger airbag module had failed to deploy post micro gas-generator (MGG) activation in some of their routine lot acceptance (LAT) audit tests. Airbag lots with these test anomalies were quarantined, although the cause of the undeployed active vent was unknown. Further review of the supplier's LAT data found that test anomalies were associated with a broken plastic flange that holds the MGG in place. It was subsequently observed that these anomalies were produced on machine 24, while machine 17 did not exhibit any observed anomalies. Review of the

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supplier's production records found that additional airbag lots that passed the supplier's routine LAT test requirements also contained plastic flanges from the suspect batch of plastic resin.

This concern affects crash modes where the passenger airbag is triggered to deploy in a frontal crash. The CCRG reviewed Federal Motor Vehicle Safety Standard (FMVSS) No. 208 Occupant Crash Protection, specifically sections S14.5.1(b), 14.5.2, and 15.2. If the active vent flap fails to open during a crash scenario requiring passenger airbag deployment, the internal cushion pressure will not decrease as rapidly as designed. This would result in a higher-pressure cushion interacting with an occupant, which, according to Ford's Computer-Aided Engineering evaluation, is projected to affect compliance with FMVSS 208.

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

On **June 6, 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:

Description of Remedy

Remedy Type: 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 passenger airbag module replaced. There will be no charge for this service.

How remedy component differs from recalled component:

Replacement passenger airbags were produced with plastic flanges that meet specifications.

Identify how/when recall condition was corrected in production:

Not required per 49 Part 573.

Reimbursement Plan

Manufacturer used general reimbursement plan on file.

Recall Schedule

Description of recall schedule:

Notification to dealers is expected to occur on June 16, 2025. Mailing of interim owner notification

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letters is expected to begin July 28, 2025, and is expected to be completed by July 31, 2025. The date VINs are planned to be searchable is June 16, 2025.

Planned Dealer Notification Date: Jun 16, 2025 - Jun 16, 2025

☐ No Dealers

Planned Interim Owner Notification Date: Jul 28, 2025 - Jul 31, 2025

☐ No Owners

Planned Remedy Owner Notification Date:

☐ Phased Recall

Date when VIN will be searchable: Jun 16, 2025