

Part 573 Safety Recall Report

22V-594

Manufacturer Name : Ford Motor Company**Submission Date :** AUG 09, 2022**NHTSA Recall No. :** 22V-594**Manufacturer Recall No. :** 22C20**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 : 64,974

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2022-2022 Ford Maverick

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Affected vehicles have side curtain air bags that may not meet FMVSS 226 requirements.

64,974 2022 model year Maverick vehicles with build dates from February 3, 2021 through July 9, 2022 are affected.

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 : FEB 03, 2021 - JUL 09, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Noncompliance :**

Description of the Noncompliance : Vehicles included in this action were built with side curtain air bags that may not meet the displacement requirements of FMVSS 226 S4.2.1 for the first row lower primary target location.

FMVSS 1 : 226 - Ejection mitigation

FMVSS 2 : NR

Description of the Safety Risk : Vehicles included in this action were built with side curtain air bags that may not meet the displacement requirements of FMVSS 226 S4.2.1 Ejection Mitigation. A vehicle that does not comply with FMVSS 226 increases the risk

of injury in a crash.
Description of the Cause : Ford is still investigating the root cause of this issue.
Identification of Any Warning that can Occur : None

Involved Components :

Component Name 1 : Left Air Curtain
Component Description : Left Air Curtain Module Assembly
Component Part Number : LZ6B-E042D95-AD

Component Name 2 : Right Air Curtain
Component Description : Right Air Curtain Module Assembly
Component Part Number : LZ6B-E042D94-AD

Supplier Identification :

Component Manufacturer

Name : ZF PASSIVE SAFETY US INC
Address : CIRCUITO DEL FERROCARRIL #160 GOMEZ PALA
GOMEZ PALACIO Foreign States 35024
Country : Mexico

Chronology :

NHTSA's Office of Vehicle Safety Compliance contacted Ford on June 29, 2022, regarding the results of their FMVSS 226 compliance audit on the 2022 model year Maverick. The displacement results for the front lower primary target was 111.9 mm which exceeds the federal regulation of 100 mm.

Ford's certification test from December 2020 indicates a displacement of 82.5 – 88.4 mm which meets the regulation of 100 mm and the Ford Acceptance Criteria (FAC) of 93.1 m.

Ford's investigation included analyzing raw data from the NHTSA test vehicle and comparing it to the raw data from the Ford certification test vehicle. Ford's analysis of all the NHTSA test data has not identified an explanation for the total difference in performance between the NHTSA test vehicle and the Ford certification test vehicle.

In July 2022, Ford conducted FMVSS 226 certification testing, including the front lower primary target, on a 2022 model year Maverick equipped with new current batch side curtain air bags from the assembly plant. The displacement results of three samples tested at the front lower primary target were between 102 and 107.3 mm. The data from this recent test was compared to the data in Ford's certification test from December 2020 and there were no root causes identified to explain the difference in performance. The root cause analysis is still under investigation.

A Stop Ship was issued at Ford's Hermosillo Assembly Plant (HSAP) on July 12, 2022.

Throughout this investigation, Ford and NHTSA discussed daily the status of Ford's testing, test results, and conclusions.

On August 1, 2022, Ford's Field Review Committee reviewed the concern and approved a field action.

Ford is not aware of any accidents or injuries relating 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 for replacement of the left and right side curtain air bag modules with a new design. 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 2022. The ending date for reimbursement eligibility is estimated to be October 7, 2022.

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 air curtains will enable the vehicle to meet all FMVSS 226 Ejection Mitigation requirements.

Part numbers for the replacement side curtain air bag modules have not been created yet.

Identify How/When Recall Condition was Corrected in Production : The new production air curtains will enable the vehicle to meet all FMVSS 226 Ejection Mitigation requirements.

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on September 22, 2022. Mailing of owner notification letters is expected to begin September 22, 2022 and is expected to be completed by September 28, 2022 instructing

customers to take their vehicle to a Ford or Lincoln dealer to have the side curtain air bag modules replaced.

Planned Dealer Notification Date : SEP 22, 2022 - SEP 22, 2022

Planned Owner Notification Date : SEP 22, 2022 - SEP 28, 2022

* NR - Not Reported