

Part 573 Safety Recall Report

21V-979

Manufacturer Name : Ford Motor Company**Submission Date :** DEC 16, 2021**NHTSA Recall No. :** 21V-979**Manufacturer Recall No. :** 21C36**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 : 2,622

Estimated percentage with defect : 50 %

Vehicle Information :

Vehicle 1 : 2021-2022 Ford Mustang Mach-E

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : HYBRID ELECTRIC

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 rear floor assembly production to the vehicle in which the rear floor assembly is installed.

Affected vehicles are equipped with suspect rear floor assemblies.

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.

Affected Vehicles - 2304

Production Dates : OCT 05, 2021 - NOV 18, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2022-2022 Ford Maverick

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

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 rear floor assembly production to the vehicle in which the rear floor assembly is installed.

Affected vehicles are equipped with suspect rear floor assemblies.

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.

Ford Maverick Vehicles - 318

Production Dates : OCT 06, 2021 - NOV 20, 2021

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Noncompliance :

Description of the Noncompliance : Rear floor assemblies were produced with tapping plates that may have oversized extruded bolt holes used for attaching the rear seat belt buckles. Oversized extruded bolt holes may decrease the strength of the fastener joint causing inadequate attachment of the rear seat belts during loading. Vehicles with suspect rear floor assemblies may not comply to FMVSS 208 and FMVSS 210.

FMVSS 1 : 208 - Occupant crash protection

FMVSS 2 : 210 - Seat belt assembly anchorages

Description of the Safety Risk : Improperly manufactured seat belt anchorages could detach under loading and may not adequately restrain an occupant in a crash, increasing the risk of injury.

Description of the Cause : Tier 2 supplier produced tapping plates with extruded bolt holes that were not within specification and may reduce strength of seat belt anchorage.

Identification of Any Warning that can Occur : None.

Involved Components :

Component Name 1 : Rear Floor Assembly

Component Description : Rear Floor Assembly

Component Part Number : NZ6B-E11215-A/C/D

Component Name 2 : Rear Floor Assembly

Component Description : Rear Floor Assembly

Component Part Number : LJ9B-R11215-AN

Supplier Identification :

Component Manufacturer

Name : Autotek

Address : TEOLOYUCAN KM 25 NAVE 1
CUAUTITLAN IZCALLI Foreign States 54713

Country : Mexico

Chronology :

In October, 2021, Cuautitlan Stamping and Assembly Plant (CSAP) & Hermosillo Stamping and Assembly Plant (HSAP) experienced rear seat belt buckle attachments that were not achieving the specified installation torque and exhibited stripped threads.

On October 20, 2021, the assembly plants notified Supplier Technical Assistance and Engineering of the concern. It was determined that a common Tier 2 (L&W) tapping plate component is used to produce rear floor assemblies at Magna-Autotek for CSAP and Magna-Sonora for HSAP. Investigation of the tapping plate produced by the Tier 2 identified a larger than specification bolt hole extrusion internal diameter that was not detected and passed through to the two Tier 1 sites and subsequently to Ford assembly plants.

On November 9th, 2021, Critical Concern Review Group (CCRG) opened an investigation.

The investigation determined one suspect lot containing 33,836 suspect components was produced on July 23, 2021 by the Tier 2 supplier. The suspect vehicle population was determined by reviewing the Tier 1 and Tier 2 supplier records, developing a joint torque trace acceptance criteria, and reviewing fastener torque traces at CSAP and HSAP for each vehicle produced during the suspect window.

On December 09, 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 rear seat belt buckle attachments repaired. 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 component will have the correct bolt hole size by utilizing the Helicoil repair procedure.

Identify How/When Recall Condition was Corrected in Production : 100% Inspection implemented

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on December 17, 2021 (Advanced Notice). Mailing of owner notification letters is expected to begin January 17, 2022 and is expected to be completed by January 22, 2022.

Planned Dealer Notification Date : DEC 17, 2021 - JAN 17, 2022

Planned Owner Notification Date : JAN 17, 2022 - JAN 22, 2022

* NR - Not Reported