

Part 573 Safety Recall Report

22V-088

Manufacturer Name : Ford Motor Company**Submission Date :** FEB 24, 2022**NHTSA Recall No. :** 22V-088**Manufacturer Recall No. :** 22C02**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 : 18,078

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2022-2022 Ford Explorer

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 fuel filler tube end forms from production to the vehicle in which the fuel filler tube end form is installed. Affected vehicles are equipped with suspect fuel filler tube end forms. 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 : DEC 06, 2021 - JAN 03, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2022-2022 Lincoln Aviator

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 fuel filler tube end forms from production to the vehicle in which the fuel filler tube end form is installed. Affected vehicles are equipped with suspect fuel filler tube end forms. 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 : DEC 06, 2021 - JAN 03, 2022

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Noncompliance :

Description of the Noncompliance : Affected vehicles were built with a non-confirming fuel filler tube end form. Certification to FMVSS 301 Fuel System Integrity relies on this joint maintaining its integrity in the event of a crash. A joint with an end form that does not meet the SAE standard may not maintain its integrity in the event of a crash.

FMVSS 1 : 301 - Fuel system integrity

FMVSS 2 : NR

Description of the Safety Risk : If the fuel filler tube connection becomes detached during a crash event fuel leakage could result.

Description of the Cause : At the supplier (Fuel Routing Solutions - FRS), the dimensions of the annular surface profile of the recirculation vent tube end forming were out of print to the SAE J2044 standard (Quick Connect Coupling Specification for Liquid Fuel and Vapor/Emissions Systems). An annular surface profile is critical to holding the mating clip in place, preventing tube separation.

Identification of Any Warning that can Occur : In normal vehicle operation, the hose may detach or partially detach, which could result in a MIL light depending on the extent of the vapor leak.

Involved Components :

Component Name 1 : Fuel Filler Pipe

Component Description : Fuel Filler Tube End Form

Component Part Number : L1M3-9034-A/D/F/J/K/M/N

Supplier Identification :

Component Manufacturer

Name : Elastomers Tecnicos / FRS - Fluid Routin

Address : Carretera Presa La Amistad Km5
Coahulia Foreign States 26220

Country : Mexico

Chronology :

On January 11, 2022, an issue pertaining to the fill pipe vapor line connector was brought to Ford's Critical Concern Review Group for review. On January 5th, 2022, Product Development was made aware that the fill pipe vapor recirculation line connector exceeded the ergo force requirement on the pre OKTB (Okay to Buy) 2022 MY Mustang.

An investigation revealed that the end form dimensions did not comply with SAE J2044 (Quick Connect Coupling Specification for Liquid Fuel and Vapor/Emissions Systems, as required by the engineering drawing). Read across identified that this end form component is common to Mustang, Explorer, and Aviator. All 2022 Mustangs with the suspect fuel filler pipe vent tube end form were contained and repaired at Flat Rock Assembly Plant (FRAP) prior to shipment. Starting with vehicles built on January 7, 2022, Chicago Assembly Plant began installing a redundant clip to Explorer and Aviator vehicles. This redundant locking clip has been verified to ensure all functional requirements are met. On February 9, 2022, 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 installed a fuel vapor line redundant locking clip. 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 2021 . The ending date for reimbursement eligibility April 18, 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 recalled fuel filler tube end form will be kept and a redundant locking clip will be installed, this will meet all specifications.

Identify How/When Recall Condition was Corrected in Production : Starting with vehicles built on January 7, 2022, CAP began installing a redundant clip to Explorer and Aviator vehicles. This redundant locking clip has been verified to ensure all functional requirements are met

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur February 17, 2022. Mailing of owner notification letters is expected to begin April 4, 2022 and is expected to be completed by April 8, 2022

Planned Dealer Notification Date : FEB 17, 2022 - FEB 17, 2022

Planned Owner Notification Date : APR 04, 2022 - APR 08, 2022

* NR - Not Reported