

Part 573 Safety Recall Report

19V-859

Manufacturer Name : Ford Motor Company**Submission Date :** DEC 05, 2019**NHTSA Recall No. :** 19V-859**Manufacturer Recall No. :** 19S49**Manufacturer Information :****Population :****Manufacturer Name :** Ford Motor Company**Number of potentially involved :** 3,857**Address :** 330 Town Center Drive**Estimated percentage with defect :** 4 %

Suite 500 Dearborn MI 48126-2738

Company phone : 1-866-436-7332**Vehicle Information :****Vehicle 1 :** 2020-2020 Ford Explorer**Vehicle Type :** LIGHT VEHICLES**Body Style :** ALL**Power Train :** GAS

Descriptive Information : Ford's Manufacturing team reviewed plant records to determine the population of affected vehicles that may have hard contact between the liquid and vapor fuel lines.

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 : JAN 18, 2019 - JUL 17, 2019**VIN Range 1 : Begin :**

NR

End : NR☐ Not sequential

Vehicle 2 : 2020-2020 Lincoln Aviator

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

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Production Dates : JAN 15, 2019 - JUL 17, 2019

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : There is potential for hard contact between the liquid and vapor fuel lines.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Over time, with vibration and engine roll, hard contact between the two fuel lines could cause the convolute on the vapor fuel line to rub through the plastic liquid fuel line. A fuel leak in the presence of an ignition source increases the risk of a fire.

Description of the Cause : The length of the convolute protective sleeve on the liquid fuel line is not long enough, and the inherent flexibility of the fuel lines make contact with the vapor fuel line a possibility.

Identification of Any Warning that can Occur : N/A

Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

On July 16, 2019, Ford identified two 2020 model year 3.0L Explorers at Chicago Assembly Plant (CAP) built with the incorrect convolute part on the liquid fuel line. The convolute on the liquid fuel line had insufficient length to cover the line at the point of contact with the vapor fuel line.

On July 30, 2019, the issue was brought into the Critical Concerns Research Group (CCRG) for review. During the prototype build phase, the potential for hard contact had been identified, and Engineering had initiated a design change to extend the length of the convolute for the 3.0L engine liquid fuel line. Due to a codification error, the part was not released correctly for all affected vehicle lines, and led to mixed stock. It was not possible to determine which vehicles had been assembled with the old level liquid fuel line.

July – October 2019, CAP inspected 10,600 vehicles and found 450 built with the incorrect part.

On November 25, 2019, Ford's Field Review Committee reviewed the concern and approved a field action.

Ford has not identified any reports of fuel leaks or engine fires associated with the hard contact 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. Dealers will inspect vehicles for full length yellow-colored protective convolute on liquid fuel line. For vehicles where the convolute does not cover the full length of the liquid fuel line, the dealer will remove the old convolute, install the longer convolute (PN L1M3-9A031-CA) in the instructed location, and secure with a tie strap (PN HU5T-14E047-MA). The convolute and tie strap together will be released as a kit (KIT – L1MZ-9B149-AA). 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 convolute covers the entire length of the liquid fuel line and is secured with a tie strap.

Identify How/When Recall Condition was Corrected in Production : The incorrect level liquid fuel line was purged from production, and Chicago Assembly Plant began building with only the longer convolute part on July 18, 2019.

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on December 5, 2019. Mailing of owner notification letters is expected to begin January 20, 2020 and is expected to be completed by January 24, 2020.

Planned Dealer Notification Date : DEC 05, 2019 - DEC 05, 2019

Planned Owner Notification Date : JAN 20, 2020 - JAN 24, 2020

* NR - Not Reported