

Part 573 Safety Recall Report

20V-730

Manufacturer Name : Ford Motor Company

Submission Date : NOV 24, 2020

NHTSA Recall No. : 20V-730

Manufacturer Recall No. : 20S68



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 : 17

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2020-2020 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 tank production to the vehicle in which the fuel tank is installed. Affected vehicles are equipped with 2.3L engines and 19 gallon fuel tanks.

Production Dates : AUG 10, 2020 - AUG 11, 2020

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The fuel tank inlet check valve may not be fully welded to the fuel tank shell.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : An incomplete weld securing the inlet check valve to the fuel tank shell could result in a substantial fuel leak during a crash, increasing the risk of fire.

Description of the Cause : The fuel tank supplier's welding equipment was not correctly aligned, causing the inlet check valve pad to not fully make contact with the hotplate during the welding process, resulting in an incomplete weld.

Identification of Any Warning that can Occur : The incomplete weld condition is likely to result in a check engine light for a small evaporative emissions leak, which may progress into a fuel odor condition.

Involved Components :

Component Name 1 : Fuel Tank Shell

Component Description : Fuel Tank Shell

Component Part Number : L1M3-9P860-JN

Supplier Identification :

Component Manufacturer

Name : YAPP USA Automotive Systems, Inc.

Address : 300 ABC Blvd.

Gallatin TENNESSEE 37066-3744

Country : United States

Chronology :

On August 18, 2020, Ford's Critical Concerns Review Group reviewed a concern indicating the fuel tank inlet check valve may have received an incomplete weld securing the check valve to the fuel tank shell.

August 2020 – October 2020 Ford investigated the scope of the condition and impact to vehicle operation. Ford is not aware of any warranty or field reports related to this condition.

On November 17, 2020, 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 fuel tank shell replaced. 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 replacement fuel tank shell, part number L1M3-9P860-JN, contains an inlet check valve welded properly to fuel tank shell.

Identify How/When Recall Condition was Corrected in Production : N/A

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on November 24, 2020. Mailing of owner notification letters is expected to begin December 7, 2020 and is expected to be completed by December 11, 2020.

Planned Dealer Notification Date : NOV 24, 2020 - NOV 24, 2020

Planned Owner Notification Date : DEC 07, 2020 - DEC 11, 2020

* NR - Not Reported