

Part 573 Safety Recall Report

20V-693

Manufacturer Name : Ford Motor Company**Submission Date :** NOV 10, 2020**NHTSA Recall No. :** 20V-693**Manufacturer Recall No. :** 20S65**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 : 10,905

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2020-2020 Ford Exploer

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Ford's team reviewed supplier process and maintenance records to determine the population of affected drive shafts.

Affected vehicles with suspect driveshafts are equipped with 10 Speed Automatic Transmission with the All Wheel Drive package and with 2.0L or 3.3L engines.

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.

8,680 Ford Explorer vehicles are affected.
2,225 Lincoln Aviator vehicles are affected.

Production Dates : AUG 24, 2019 - SEP 30, 2019

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2020-2020 Lincoln Aviator

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Ford's team reviewed supplier process and maintenance records to determine the population of affected drive shafts.

Affected vehicles with suspect driveshafts are equipped with 10 Speed Automatic Transmission with the All Wheel Drive package and with 2.0L or 3.3L engines.

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Production Dates : AUG 24, 2019 - SEP 30, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : These vehicles were produced with a drive shaft that may fracture along the weld seam.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Defective drive shafts may lose the mechanical connection between the transfer case and rear axle which may result in unintended vehicle movement and/or loss of motive power.

Defective drive shafts may also deform and separate from the driveline and potentially contact the fuel tank, increasing the risk of fuel leaks and/or fire.

Ford is not aware of any accidents or injuries related to this condition.

Description of the Cause : The Tier 2 supplier's tube mill welding equipment overheated and shut down, resulting in insufficient tube weld seam penetration. The Tier 2 supplier failed to contain one defective tube and the Tier 1 supplier used it to produce 18 driveshafts.

Identification of Any Warning that can Occur : May experience noise and vibration while driving

Involved Components :

Component Name 1 : Drive shaft

Component Description : Drive shaft

Component Part Number : L1M3-4K145-CD

Component Name 2 : Drive shaft

Component Description : Drive shaft

Component Part Number : L1M3-4K145-DD

Supplier Identification :**Component Manufacturer**

Name : American Axle & Manufacturing, Inc.

Address : One Dauch Drive
Detroit MICHIGAN 48211

Country : United States

Chronology :

July – August 2020:

On July 15, 2020, Ford CCRG became aware of a broken drive shaft through warranty report review with the supplier.

Ford reviewed supplier records to determine which vehicles had been built with the suspect drive shafts. There is no driveshaft serial number-to-VIN traceability.

Ford searched the field records for similar reports and did not find any other field reports.

September – October 2020:

Ford continued to investigate the scope of the population of potentially affected vehicles.

November 2020:

On November 2, 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 drive shaft label inspected and the drive shaft replaced if needed. 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 : Drive shaft part number L1M3-4K145-CD and the serial number
Drive shaft part number L1M3-4K145-DD and the serial number

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on November 12, 2020.
Mailing of owner notification letters is expected to begin December 14, 2020 and is expected to be completed by December 18, 2020.

Planned Dealer Notification Date : NOV 12, 2020 - NOV 12, 2020

Planned Owner Notification Date : DEC 14, 2020 - DEC 18, 2020

* NR - Not Reported