

Part 573 Safety Recall Report

21V-534

Manufacturer Name : Ford Motor Company

Submission Date : SEP 08, 2021

NHTSA Recall No. : 21V-534

Manufacturer Recall No. : 21S34



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 : 33,298

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2020-2021 LINCOLN AVIATOR

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : Affected vehicles are equipped with 3.0L gas engines.

An improperly secured wire harness was introduced into production on 06/19/2019. Beginning 01/06/2021, the harness was properly secured in production.

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 : JUN 19, 2019 - JAN 05, 2021

VIN Range 1 : Begin : NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The wire harness is not secured and may contact the air conditioning (A/C) compressor pulley, resulting in a damage to one or more circuits within the wire bundle or damage to the A/C compressor drive belt.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the wire harness is not properly secured, the harness may inadvertently contact the A/C compressor pulley. Over time, contact with the A/C compressor pulley may rub through the wire harness insulation creating the potential for contact

Description of the Cause : with the unfused B+ circuit resulting in a short circuit and potential fire.
Design validation did not account for other nearby harnesses and hoses that the wire harness may come into contact with.

Identification of Any Warning that can Occur : N/A

Involved Components :

Component Name 1 : Cable Assembly - Battery
Component Description : Cable Assembly - Battery
Component Part Number : L1MT-14B060-AB

Component Name 2 : Cable Assembly - Battery
Component Description : Cable Assembly - Battery
Component Part Number : L1MT-14B060-AC

Component Name 3 : Cable Assembly - Battery
Component Description : Cable Assembly - Battery
Component Part Number : M1MT-14B060-AB

Supplier Identification :

Component Manufacturer

Name : NR
Address : NR
NR
Country : NR

Chronology :

January 2021: Ford's Critical Concern Review Group (CCRG) initiated an investigation into wire harness contact with the A/C compressor pulley based on seven claims identified during a warranty review.

February-June 2021: Ford reviewed field reports and analyzed returned parts to determine the root cause of the concern. As of 05/27/2021 there were seven warranty claims for wire harness contact with the A/C compressor pulley.

On July 8, 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 a tie strap installed near the frame rail between the battery cable harness and the engine compartment harness. Dealers will inspect the wire harness and A/C compressor belt for damage and repair as necessary. 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 : Repaired vehicle will have tie strap LU5Z-14A163-B added to the wire harness near the frame rail between the battery cable harness and the engine compartment harness.

Identify How/When Recall Condition was Corrected in Production : A tie strap was added to ensure wire harness retention, and to ensure clearance to the A/C compressor pulley.

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on July 16, 2021. Mailing of owner notification letters is expected to begin July 30, 2021 and is expected to be completed by Aug 6, 2021.

Planned Dealer Notification Date : JUL 16, 2021 - JUL 17, 2021

Planned Owner Notification Date : JUL 30, 2021 - AUG 06, 2021

* NR - Not Reported