

Part 573 Safety Recall Report

21V-154

Manufacturer Name : Ford Motor Company**Submission Date :** MAR 10, 2021**NHTSA Recall No. :** 21V-154**Manufacturer Recall No. :** 21S11**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 : 49

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2020-2020 Lincoln Aviator

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : NR

Descriptive Information : 2020 model year vehicles with build dates from January 21, 2020 through March 6, 2020 and built with rear lower control arm (RLCA) bolts that may not have been heat treated are affected by this action. Ford's team reviewed supplier process records to determine the population of affected rear suspension modules built with suspect RLCA bolts. Ford's process was able to determine the VIN for the vehicles that potentially have suspect RLCA bolts installed. There are 45 Ford Explorer and four Lincoln Aviator vehicles potentially affected.

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 : FEB 03, 2020 - FEB 13, 2020

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2020-2020 Ford Explorer

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : NR

Descriptive Information : 2020 model year vehicles with build dates from January 21, 2020 through March 6, 2020 and built with rear lower control arm (RLCA) bolts that may not have been heat treated are affected by this action. Ford's team reviewed supplier process records to determine the population of affected rear suspension modules built with suspect RLCA bolts. Ford's process was able to determine the VIN for the vehicles that potentially have suspect RLCA bolts installed. There are 45 Ford Explorer and four Lincoln Aviator vehicles potentially affected.

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Production Dates : JAN 21, 2020 - MAR 06, 2020

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : These vehicles were produced with RLCA bolts that are missing heat treatment.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A RLCA attachment bolt with missing heat treatment may fracture while driving. Fracture of a RLCA attachment bolt diminishes steering control and may increase the risk of an accident.

Description of the Cause : The fastener supplier records indicate that the suspect lot of bolts were not sent to the Heat Treat operation, and instead sent directly to the subsequent operation, and as a result they have incorrect hardness.

Identification of Any Warning that can Occur : None

Involved Components :

Component Name 1 : Lower Control Arm to Knuckle Fastener

Component Description : Bolt

Component Part Number : W720438-S439

Supplier Identification :

Component Manufacturer

Name : Shannon Precision Fasteners
Address : 31600 Stephenson Hwy
Madison Heights Michigan 48071
Country : United States

Chronology :

Chronology is provided as an attachment

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 both left and right hand RLCA bolts 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 : Bolts with proper heat treatment will be installed.

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

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on March 10, 2021. Mailing of owner notification letters is expected to begin March 29, 2021 and is expected to be completed by April 1, 2021.

Planned Dealer Notification Date : MAR 10, 2021 - MAR 10, 2021

Planned Owner Notification Date : MAR 29, 2021 - APR 01, 2021

* NR - Not Reported