

Part 573 Safety Recall Report

21V-986

Manufacturer Name : Ford Motor Company**Submission Date :** DEC 16, 2021**NHTSA Recall No. :** 21V-986**Manufacturer Recall No. :** 21S56**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 : 184,698

Estimated percentage with defect : 10 %

Vehicle Information :

Vehicle 1 : 2021-2022 Ford F-150

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Affected vehicles are 4x4 145" wheelbase Crew Cab configurations with 302A and above equipment group and sound insulation package that are equipped with an aluminum driveshaft.

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 10, 2020 - NOV 20, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Underbody thermal/acoustic insulators may loosen and contact the aluminum driveshaft, resulting in marking or scoring of the driveshaft. Over time, the aluminum driveshaft may fracture due to heat build-up and/or material thickness reduction that changes the mechanical properties of the aluminum material.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A fractured driveshaft may result in loss of motive power while driving, unintended vehicle movement while the vehicle is in park if the parking brake is not applied, and may result in secondary damage to surrounding

components. A fractured driveshaft may also contact the ground which may cause loss of control of the vehicle while driving. A fractured driveshaft increases the risk of injury or crash.

Description of the Cause : Inadequate adhesion of the insulators to the vehicle underbody results in loosening and sagging of the insulators.

Identification of Any Warning that can Occur : Operators may observe a loose underbody insulator, or they may hear a rattling, clicking or clunking noise due to a loose underbody insulator contacting the driveshaft. Marking or scoring of the driveshaft may be visible in the area of underbody insulator contact.

Involved Components :

Component Name 1 : Underbody Insulator - Driver Side

Component Description : Underbody Acoustic Insulator - Driver Side

Component Part Number : ML3B-1611205-AC

Component Name 2 : Underbody Insulator - Driver Side

Component Description : Underbody Acoustic Insulator - Driver Side

Component Part Number : ML3B-1611205-BA

Component Name 3 : Underbody Insulator - Passenger Side

Component Description : Underbody Thermal/Acoustic Insulator - Passenger Side

Component Part Number : ML3B-1611204-AD

Component Name 4 : Underbody Insulator - Passenger Side

Component Description : Underbody Thermal/Acoustic Insulator - Passenger Side

Component Part Number : ML3B-1611204-BB

Supplier Identification :

Component Manufacturer

Name : Lydall Thermal/Acoustical, Inc.

Address : 1245 Buck Shoals Road

Hamptonville North Carolina 27020
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 positive attachment features added to the underbody insulators. Dealers will inspect the driveshaft for damage and repair as required. 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 underbody insulators (ML3B-1611205-AC, ML3B-1611205-BA, ML3B-1611204-AD, ML3B-1611204-BB) will be properly attached to the vehicle.

Identify How/When Recall Condition was Corrected in Production : The passenger side underbody thermal acoustic insulator was removed from production and replaced with an under-carpet thermal patch on October 16, 2021 at Dearborn Truck Plant (DTP) and October 20, 2021 at Kansas City Assembly Plant (KCAP) while CCRG's investigation continued. The driver side underbody acoustic insulator was similarly removed from production at DTP and KCAP on November 19, 2021.

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on December 21, 2021. Mailing of owner notification letters is expected to begin January 31, 2022 and is expected to be completed by February 4, 2022.

Planned Dealer Notification Date : DEC 21, 2021 - DEC 21, 2021

Planned Owner Notification Date : JAN 31, 2022 - FEB 04, 2022

* NR - Not Reported