

Part 573 Safety Recall Report

21V-381

Manufacturer Name : Ford Motor Company

Submission Date : MAY 24, 2021

NHTSA Recall No. : 21V-381

Manufacturer Recall No. : 21S25



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 : 4,436

Estimated percentage with defect : 12 %

Vehicle Information :

Vehicle 1 : 2021-2021 Ford F-150

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. Affected vehicles may have rear driveshafts that were not properly assembled. Products not included in the recall successfully completed the automated procedure to ensure proper circlip installation.

Production Dates : SEP 25, 2020 - MAR 05, 2021

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 2 : 2021-2021 Ford F-150

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : HYBRID ELECTRIC

Descriptive Information : Ford's team reviewed supplier process and maintenance records to determine the population of affected parts. Affected vehicles may have rear driveshafts that were not properly assembled. Products not included in the recall successfully completed the automated procedure to ensure proper circlip installation.

Production Dates : SEP 25, 2020 - MAR 05, 2021

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : These vehicles were produced with two-piece driveshafts that may disconnect. The circlip used to secure the connection between the two driveshaft halves may have been improperly installed by the supplier.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Separation of the two driveshaft halves may result in a loss of motive power without warning while driving, or unintended vehicle movement while the vehicle is in park if the parking brake is not applied, increasing the risk of crash.

Description of the Cause : A circlip that is used to secure the connection between the two halves of the two-piece driveshaft may have been improperly installed by the supplier.

Identification of Any Warning that can Occur : Customers may experience a loud clunking or banging noise.

Involved Components :

Component Name 1 : Driveshaft

Component Description : Rear 2-Piece Driveshaft for 145" wheelbase, 3.5L gas engine, 4x2 F-150

Component Part Number : ML34-4K145-GTE

Component Name 2 : Driveshaft

Component Description : Rear 2-Piece Driveshaft for 157" wheelbase, 3.5L gas engine, 4x2 F-150

Component Part Number : ML34-4K145-JTE

Component Name 3 : Driveshaft

Component Description : Rear 2-Piece Driveshaft for 157" wheelbase, 3.5L gas engine, 4x4 F-150

Component Part Number : ML34-4K145-KTE

Component Name 4 : Driveshaft

Component Description : Rear 2-Piece Driveshaft for 163" wheelbase, 3.5L gas engine, 4x2 F-150

Component Part Number : ML34-4K145-LTE

Component Name 5 : Driveshaft

Component Description : Rear 2-Piece Driveshaft for 163" wheelbase, 3.5L gas engine, 4x4 F-150

Component Part Number : ML34-4K145-MTE

Component Name 6 : Driveshaft

Component Description : Rear 2-Piece Driveshaft for 145" wheelbase, 3.5L HEV engine, 4x2 F-150

Component Part Number : ML34-4K145-GHE

Component Name 7 : Driveshaft

Component Description : Rear 2-Piece Driveshaft for 157" wheelbase, 3.5L HEV engine, 4x2 F-150

Component Part Number : ML34-4K145-JHE

Component Name 8 : Driveshaft

Component Description : Rear 2-Piece Driveshaft for 157" wheelbase, 3.5L HEV engine, 4x4 F-150

Component Part Number : ML34-4K145-KHE

Supplier Identification :

Component Manufacturer

Name : Neapco Drivelines

Address : 6735 Haggerty Road
Belleville Michigan 48111

Country : United States

Chronology :

On March 4, 2021, an issue relating to warranty claims for separated 2-piece driveshafts was brought to Ford's Critical Concern Review Group (CCRG) for review. Investigation had found that the circlip used to secure the connection between the driveshaft halves had not been properly installed by the supplier. Subsequent investigation conducted through April 2021, found that the supplier assembly process for these two-piece driveshafts could allow certain assemblies to bypass automated verification that the circlip was properly installed.

As of March 9, 2021, there were seven reports from the field of disconnection of these two-piece driveshafts.

On May 17, 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 determine if the driveshaft was assembled without automated verification of proper circlip installation. If assembled without automated verification, measurements will be taken for replacement determination. If replacement is necessary, the driveshaft assembly will be replaced per standard workshop manual procedures. 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 : Driveshafts that were properly assembled 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 May 25, 2021. Mailing of owner notification letters is expected to begin June 14, 2021 and is expected to be completed by June 18, 2021.

Planned Dealer Notification Date : MAY 25, 2021 - MAY 25, 2021

Planned Owner Notification Date : JUN 14, 2021 - JUN 18, 2021

* NR - Not Reported