

Part 573 Safety Recall Report

21V-011

Manufacturer Name : Ford Motor Company

Submission Date : JAN 15, 2021

NHTSA Recall No. : 21V-011

Manufacturer Recall No. : 21S02



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 : 147

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2020-2021 Ford Edge

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : NR

Descriptive Information : Ford's team reviewed supplier process and maintenance records to determine the population of affected parts. The Ford process is capable of tracing RDU production to the vehicle in which the RDU is installed.

25 Edge vehicles are 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 : OCT 27, 2020 - NOV 24, 2020

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 2 : 2020-2020 Lincoln Nautilus

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : NR

Descriptive Information : Ford's team reviewed supplier process and maintenance records to determine the population of affected parts. The Ford process is capable of tracing RDU production to the vehicle in which the RDU is installed.

5 Nautilus vehicles are 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 : OCT 27, 2020 - NOV 20, 2020

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2020-2020 Ford Escape

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : NR

Descriptive Information : Ford's team reviewed supplier process and maintenance records to determine the population of affected parts. The Ford process is capable of tracing RDU production to the vehicle in which the RDU is installed.

47 Escape vehicles are 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 : OCT 07, 2020 - DEC 14, 2020

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2021-2021 Lincoln Corsair

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : NR

Descriptive Information : Ford's team reviewed supplier process and maintenance records to determine the population of affected parts. The Ford process is capable of tracing RDU production to the vehicle in which the RDU is installed.

7 Corsair vehicles are 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 : OCT 12, 2020 - DEC 02, 2020

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 5 : 2021-2021 Ford Bronco Sport

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : NR

Descriptive Information : Ford's team reviewed supplier process and maintenance records to determine the population of affected parts. The Ford process is capable of tracing RDU production to the vehicle in which the RDU is installed.

63 Bronco Sport vehicles are 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 : OCT 29, 2020 - DEC 11, 2020

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : An inadequate amount of lubricant in the rear drive unit may cause seizure of the rear drive axle.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In the event of a rear drive unit seizure, customers may experience loss of vehicle motive power and/or loss of vehicle control.

Description of the Cause : Inadequate lubrication level in the rear drive unit caused by misaligned oil fill nozzle.

Identification of Any Warning that can Occur : A metallic grinding or whining sound may come from the rear of the vehicle prior to rear drive unit seizure.

Involved Components :

Component Name 1 : Rear Drive Unit

Component Description : Rear Drive Unit

Component Part Number : K2GW-4000-AE

Component Name 2 : Rear Drive Unit

Component Description : Rear Drive Unit

Component Part Number : K2GW-4000-BE

Component Name 3 : Rear Drive Unit

Component Description : Rear Drive Unit

Component Part Number : K2GW-4000-NE

Component Name 4 : Rear Drive Unit

Component Description : Rear Drive Unit

Component Part Number : K2GW-4000-EL

Component Name 5 : Rear Drive Unit

Component Description : Rear Drive Unit

Component Part Number : K2GW-4000-EN

Component Name 6 : Rear Drive Unit

Component Description : Rear Drive Unit

Component Part Number : K2GW-4000-FL

Component Name 7 : Rear Drive Unit

Component Description : Rear Drive Unit

Component Part Number : K2GW-4000-FN

Component Name 8 : Rear Drive Unit

Component Description : Rear Drive Unit

Component Part Number : LX67-4000-CE

Supplier Identification :

Component Manufacturer

Name : Dana Corporation

Address : 2400 Lemone Industrial Drive
Columbia Missouri 65201

Country : United States

Chronology :

On December 15, 2020, Ford's Critical Concern Review Group opened an investigation regarding a Ford engineering vehicle that had experienced a rear drive unit seizure during an evaluation. Supplier analysis indicated the rear axle seizure resulted from inadequate lubrication.

Review of supplier maintenance records identified a component transfer robot malfunction during the rear drive unit lubricant fill procedure that resulted in the potential for a misfill condition between October 1 and November 17, 2020. Teams inspected the fill level of rear drive units at the assembly plant and found 2 rear drive units with a low lubricant fill level. Ford initiated an engineering study and found 7 additional rear drive units with a low lubricant fill level.

There have been 3 warranty claims for this condition

On January 6, 2021, Ford's Field Review Committee reviewed the concern and approved a field service 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 rear drive unit lubricant level checked. Axles found to have the lubricant at the "minimum" level will be filled to the "full" level. Axles found to be below the "minimum" lubricant fill level will be 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 : The remedy component will contain the required amount of lubricant.

Identify How/When Recall Condition was Corrected in Production : A fluid level check on 100% of rear drive units was implemented by the supplier on November 17, 2020.

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on January 19, 2021. Mailing of owner notification letters is expected to begin February 01, 2021 and is expected to be completed by February 08, 2021.

Planned Dealer Notification Date : JAN 19, 2021 - JAN 20, 2021

Planned Owner Notification Date : FEB 01, 2021 - FEB 08, 2021

* NR - Not Reported