

Part 573 Safety Recall Report

21V-390

Manufacturer Name : Ford Motor Company**Submission Date :** JUN 09, 2021**NHTSA Recall No. :** 21V-390**Manufacturer Recall No. :** 21S26**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 : 17,616

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2021-2021 Ford F-450

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : This condition affects certain F-450 vehicles built within the time period specified. The supplier notified Ford that it supplied axles with front wheel hub extenders that may not have been properly attached within the timeframe identified above. Ford's team reviewed supplier process and maintenance records to determine the population of potentially affected vehicles to inspect.

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.

Approximately 4,277 F-450 vehicles are affected.

Production Dates : FEB 07, 2021 - JUN 03, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2021-2021 Ford F-550

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : This condition affects certain F-550 vehicles built within the time period specified. The supplier notified Ford that it supplied axles with front wheel hub extenders that may not have been properly attached within the timeframe identified above. Ford's team reviewed supplier process and maintenance records to determine the population of potentially affected vehicles to inspect.

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.

Approximately 7,142 F-550 vehicles are affected.

Production Dates : FEB 07, 2021 - JUN 03, 2021

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2021-2021 Ford F-600

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : This condition affects certain F-600 vehicles built within the time period specified. The supplier notified Ford that it supplied axles with front wheel hub extenders that may not have been properly attached within the timeframe identified above. Ford's team reviewed supplier process and maintenance records to determine the population of potentially affected vehicles to inspect.

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.

Approximately 565 F-600 vehicles are affected.

Production Dates : FEB 09, 2021 - JUN 03, 2021

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2021-2021 Ford F-350

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : This condition affects certain F-350 vehicles equipped with dual rear wheels (DRW) and four-wheel drive (4X4) built within the time period specified. The supplier notified Ford that it supplied axles with front wheel hub extenders that may not have been properly attached within the timeframe identified above. Ford's team reviewed supplier process and maintenance records to determine the population of potentially affected vehicles to inspect.

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.

Approximately 5,381 F-350 vehicles are affected.

Production Dates : FEB 07, 2021 - JUN 03, 2021

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : These vehicles are equipped with front wheel hub extenders that may not have been properly attached. Improper attachment of the front wheel hub extender may result in separation of the wheel and wheel extender from the vehicle.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Insufficiently tightened front wheel hub extender nuts may result in front wheel and wheel extender detachment from the vehicle, increasing the risk of a crash. A wheel and tire assembly that separates from a vehicle while driving may create a road hazard, increasing the risk of injury or crash.

Description of the Cause : Due to a supplier process error, the automated torque station for tightening and verifying the torque of the nuts joining the front wheel hub extender to the rotor may have been bypassed at the supplier axle assembly facility. The nuts connecting the front wheel hub extender to the rotor may not have been tightened to specification.

Identification of Any Warning that can Occur : Front wheel hub extender nuts that are loose may lead to vibration and noise while driving.

Involved Components :

Component Name 1 : F-350 DRW 4X4 Front Axle Assembly

Component Description : Front Axle Assembly

Component Part Number : LC34-3002-TE

Component Name 2 : F-350 DRW 4X4 Front Axle Assembly

Component Description : Front Axle Assembly

Component Part Number : LC34-3002-DE

Component Name 3 : F-350 DRW 4X4 Front Axle Assembly

Component Description : Front Axle Assembly

Component Part Number : LC34-3002-EE

Component Name 4 : F-350 DRW 4X4 Front Axle Assembly

Component Description : Front Axle Assembly

Component Part Number : LC34-3002-FE

Component Name 5 : F-450/550 DRW 4X4 Front Axle Assembly

Component Description : Front Axle Assembly

Component Part Number : LC34-3002-SD

Component Name 6 : F-450/550 DRW 4X4 Front Axle Assembly

Component Description : Front Axle Assembly

Component Part Number : LC34-3002-UD

Component Name 7 : F-450/550 DRW 4X4 Front Axle Assembly

Component Description : Front Axle Assembly

Component Part Number : LC34-3002-VD

Component Name 8 : F-600 DRW 4X4 Front Axle Assembly

Component Description : Front Axle Assembly

Component Part Number : LC34-3002-ZC

Component Name 9 : F-450/550 DRW 4X2 Chassis Cab Front Axle Assembly

Component Description : Front Axle Assembly

Component Part Number : LC34-3001-BD

Component Name 10 : F-450/550 DRW 4X2 Chassis Cab Front Axle Assembly

Component Description : Front Axle Assembly

Component Part Number : LC34-3001-CD

Component Name 11 : F-600 DRW 4X2 Chassis Cab Front Axle Assembly

Component Description : Front Axle Assembly

Component Part Number : LC34-3001-DC

Supplier Identification :

Component Manufacturer

Name : Dana Incorporated

Address : 27870 Cabot Drive

Novi Michigan 48377

Country : United States

Chronology :

Chronology is provided as an attachment.

Description of Remedy :

Description of Remedy Program : Owners will be contacted and instructed to not drive their vehicles until the torque of the wheel extender nuts can be verified. Instructions will be provided for an owner to conduct the torque verification should they elect to do so. Owners will also be given the option to make arrangements with their dealer for vehicle inspection at the vehicle location or to have the vehicle towed to the dealership to have the fastener torques inspected and corrected as necessary. Dealers will verify that the front wheel hub extender nuts on both sides of the vehicle are tightened to the correct specification. 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 : Front wheel hub extender nuts will be properly torqued on front axle assemblies.

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

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on June 10, 2021. Mailing of owner notification letters is expected to occur the week of June 14, 2021.

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

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

* NR - Not Reported