

Part 573 Safety Recall Report

24V-102

Manufacturer Name : Ford Motor Company**Submission Date :** MAR 08, 2024**NHTSA Recall No. :** 24V-102**Manufacturer Recall No. :** 24S05**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 : 113,320

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2023-2024 Ford Transit

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : Ford's team reviewed vehicle assembly plant records to determine the population of affected vehicles. Certain Transit vehicles equipped with 9.75" rear axles and gasoline engines were produced with an inadequate amount of lubrication in the rear axle.

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.

89,035 2023 model year Transit vehicles are affected.

24,285 2024 model year Transit vehicles are affected.

Production Dates : MAY 05, 2023 - FEB 10, 2024

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Insufficient rear axle lubricant fill volume may result in inadequate coating of the rear axle tail bearing, potentially leading the bearing to overheat and seize. Bearing seizure may lead to rear wheel lock-up and driveshaft separation from the rear axle.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In the event of rear axle bearing seizure, customers may experience rear

Description of the Safety Risk : wheel lock-up and possible driveshaft separation, resulting in loss of vehicle control or loss of vehicle motive power. Driveshaft separation may result in unintended vehicle movement while the vehicle is in Park if the parking brake is not applied. These conditions increase the risk of crash or injury.

Description of the Cause : A revised rear axle design was introduced into production with insufficient lubrication volume. The inadequate volume of rear axle lubricant was due to a change in the static level of axle lubricant in the revised rear axle design.

Identification of Any Warning that can Occur : Customers may observe rear axle fluid leaks while stationary and may experience grinding noise and vibration from the rear axle while driving.

Involved Components :

Component Name 1 : Single Rear Wheel Axle Assembly

Component Description : 3.73 Conventional Differential Single Rear Wheel

Component Part Number : MK4W-4001-BD

Component Name 2 : Single Rear Wheel Axle Assembly

Component Description : 3.73 Limited Slip Differential Single Rear Wheel

Component Part Number : MK4W-4001-CD

Component Name 3 : Single Rear Wheel Axle Assembly

Component Description : 4.10 Limited Slip Differential Single Rear Wheel

Component Part Number : MK4W-4001-DD

Component Name 4 : Single Rear Wheel Axle Assembly

Component Description : 3.73 Limited Slip Differential Single Rear Wheel

Component Part Number : MK4W-4001-GC

Component Name 5 : Single Rear Wheel Axle Assembly

Component Description : 4.10 Limited Slip Differential Single Rear Wheel

Component Part Number : MK4W-4001-HC

Component Name 6 : Dual Rear Wheel Axle Assembly

Component Description : 3.73 Conventional Differential Single Rear Wheel

Component Part Number : JK4W-4001-DE

Component Name 7 : Dual Rear Wheel Axle Assembly

Component Description : 3.73 Limited Slip Differential Single Rear Wheel

Component Part Number : JK4W-4001-BE

Component Name 8 : Dual Rear Wheel Axle Assembly

Component Description : 4.10 Limited Slip Differential Single Rear Wheel

Component Part Number : JK4W-4001-AE

Component Name 9 : Dual Rear Wheel Axle Assembly

Component Description : 3.73 Limited Slip Differential Single Rear Wheel

Component Part Number : LK4W-4001-ABE

Component Name 10 : Dual Rear Wheel Axle Assembly

Component Description : 3.73 Limited Slip Differential Single Rear Wheel

Component Part Number : LK4W-4001-AFD

Component Name 11 : Dual Rear Wheel Axle Assembly

Component Description : 4.10 Limited Slip Differential Single Rear Wheel

Component Part Number : LK4W-4001-ADE

Supplier Identification :

Component Manufacturer

Name : Sterling Axle Plant

Address : 39000 Mound Road

Sterling Heights Michigan 48310

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 their rear axle inspected. If any axles experience symptoms consistent with pending failure, the full axle assembly will be replaced. If metal shavings are present on the axle fill plug magnet, the axle bearings will be replaced with the axle lubricant fully drained and refilled to the correct level. If metal shavings are not present, dealers will add additional axle lubricant to the rear differential. There will be no charge for this service. Ford provided the general reimbursement plan for the cost of remedies paid for by vehicle owners prior to notification of a safety recall in May 2023. The ending date for reimbursement eligibility is estimated to be March 15, 2024. 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 rear axle (MK4W/JK4W/LK4W-4001-A/B/C/D/G/H) will contain the correct lubricant level to avoid a potential bearing seizure.

Identify How/When Recall Condition was Corrected in Production : Not required per 49 Part 573.

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on February 12, 2024. Mailing of owner notification letters is expected to begin March 04, 2024, and is expected to be completed by March 08, 2024.

Planned Dealer Notification Date : FEB 12, 2024 - FEB 12, 2024

Planned Owner Notification Date : MAR 04, 2024 - MAR 08, 2024

* NR - Not Reported