

Part 573 Safety Recall Report

24V-593

Manufacturer Name : Ford Motor Company**Submission Date :** AUG 09, 2024**NHTSA Recall No. :** 24V-593**Manufacturer Recall No. :** 24S49**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 : 4,595

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2024-2024 Ford Mustang

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : Ford's team reviewed supplier process records to determine the population of affected parts. Two affected rear suspension knuckles were assembled into vehicles produced some at some point between July 25, 2023, and September 15, 2023.

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 : JUL 25, 2023 -SEP 15, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : The vehicle's rear suspension knuckles may have casting imperfections that weaken the part and may lead to fracture.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A fractured knuckle may reduce vehicle lateral stiffness, resulting in significant toe-in or toe-out of the rear tire under braking or throttle application. Customers may experience limited vehicle steering directional control as a result. Limited vehicle steering directional control increases the risk of a crash.

Description of the Cause : During knuckle production at the part supplier, a debris filter may have been

improperly placed during the casting process, allowing slag to enter the part cavity and resulting in casting imperfections.

Identification of Any Warning that can Occur : None

Involved Components :

Component Name 1 : KNL & BSH ASY RRWHL RH

Component Description : Right Hand Rear Wheel Knuckle and Bushing Assembly

Component Part Number : PR3C-5B758-BB

Component Name 2 : KNL & BSH ASY RRWHL LH

Component Description : Left Hand Rear Wheel Knuckle and Bushing Assembly

Component Part Number : PR3C-5B759-BB

Supplier Identification :

Component Manufacturer

Name : Citic Dicastal Co., Ltd.

Address : 120 Blue Brook Drive
Shelby North Carolina 28150

Country : United States

Chronology :

On June 11, 2024, an issue pertaining to a warranty report of rear suspension knuckle fractures on 2024 model year Mustang vehicles was brought to Ford's Critical Concern Review Group (CCRG) for review.

From June 2024 to July 2024, Ford reviewed supplier records to identify the potentially affected parts and compared the results to vehicle production records to determine the vehicle population.

On Augst 2, 2024, Ford's Field Review Committee reviewed the concern and approved a field action.

As of Augst 2, 2024, Ford is aware of two potentially related reports of vehicles with a fractured or cracked rear

suspension knuckles. Ford is not aware of any reports of accidents or injuries 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 suspension knuckle serial numbers inspected to determine if they are affected parts. If affected knuckles are found, they will be replaced. 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. Owners who have paid to have these repairs completed at their own expense may be eligible for reimbursement, in accordance with the recall reimbursement plan on file with NHTSA.

How Remedy Component Differs from Recalled Component : The remedy suspension knuckles (PR3C-5B758-BB / PR3C-5B759-BB) will not contain casting imperfections.

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

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on August 12, 2024. Mailing of owner notification letters is expected to begin August 26, 2024, and is expected to be completed by August 30, 2024.

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

Planned Owner Notification Date : AUG 26, 2024 - AUG 30, 2024

* NR - Not Reported