

Part 573 Safety Recall Report

24V-226

Manufacturer Name : Ford Motor Company

Submission Date : MAR 22, 2024

NHTSA Recall No. : 24V-226

Manufacturer Recall No. : 24S21



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 : 1,902

Estimated percentage with defect : 25 %

Vehicle Information :

Vehicle 1 : 2023-2024 Ford Transit

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : NR

Descriptive Information : The recalled part was introduced into production on 03/15/2022 date and was taken out of production on 03/06/2024.

Affected vehicles are equipped with the Transit Trail package.

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 : MAR 15, 2022 - MAR 06, 2024

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : Due to insufficient packaging allowance, the front tires may contact the front wheel arch liner and body flange under certain vehicle loading, steering angle, and braking conditions

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Repeated contact of a front tire with the wheel arch liner and body flange may lead to rapid air loss and tread-belt separation, which can result in a loss of vehicle control and increase the risk of a crash.

Description of the Cause : Specific root cause factors are still under investigation. Generally, a vehicle modifier, contracted by Ford, did not fully account for the front tire envelope and packaging requirements of this application.

Identification of Any Warning that can Occur : A front tire that rubs against the wheel arch liner while driving may create a noise that is audible to the customer.

Involved Components :

Component Name 1 : Tire

Component Description : LT245/75R16E 120/116S Goodyear Wrangler Workhorse AT Tire

Component Part Number : PK41-1508-C1A

Supplier Identification :

Component Manufacturer

Name : Ford Motor Company

Address : 1 American Road
Dearborn Michigan 48126

Country : United States

Chronology :

On January 25, 2024, Ford's Critical Concern Review Group (CCRG) opened an investigation into reports of front tire contact to the wheel arch liner on 2023-2024 model year Transit vehicles equipped with the Transit Trail equipment package. On January 15, 2024, a motorhome vehicle upfitter contacted Ford to report that four (4) Transit Trail vehicles they upfit were subsequently brought to a Ford dealer due to complaints of a front tire rub condition.

In February 2024, Ford Engineering confirmed a rub condition between the front tires and the front wheel arch liners on a Transit vehicle equipped with the Transit Trail equipment package. Ford Engineering demonstrated that the shoulder area of the front tires can contact the wheel arch liners at 60% of full turn while braking, when the vehicle is loaded at or near the vehicle's Front Gross Axle Weight Rating (FGAWR).

As of March 08, 2024, Ford is aware of five (5) warranty reports, ten (10) field reports, and one (1) owner report for seven unique VINs related to the tire rub condition. The warranty reports were received between December 15, 2023, and February 26, 2024. The field reports were received between December 14, 2023, and February 26, 2024. The owner report was received on February 13, 2024. None of the reports indicate damage to the vehicle tires.

On March 15, 2024, 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 : The remedy is under development. Owners will be notified by mail and informed that Ford's investigation is ongoing and that they will be contacted when further information is available.

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 June 30, 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 service remedy will be defined at a later date.

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 March 25, 2024. Mailing of owner notification letters is expected to begin April 08, 2024 and is expected to be completed by April 12, 2024.

Planned Dealer Notification Date : MAR 25, 2024 - MAR 25, 2024

Planned Owner Notification Date : APR 08, 2024 - APR 12, 2024

* NR - Not Reported