

Part 573 Safety Recall Report

25V-308

Manufacturer Name : Ford Motor Company

Submission Date : MAY 09, 2025

NHTSA Recall No. : 25V-308

Manufacturer Recall No. : 25S48



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 : 3

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2024-2025 Ford Bronco

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : NR

Descriptive Information : Ford's team reviewed plant records to determine the population of affected vehicles. The nuts attaching the front lower control arm to the frame on affected vehicles may not have been torqued to specification.

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.

3 2024 and 2025 Ford Bronco vehicles are affected.

Production Dates : NOV 14, 2024 - JAN 22, 2025

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : The nuts attaching the front lower control arm to the frame may not have been torqued to specification, which can result in separation of the front lower control arm from the frame.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Separation of the front lower control arm from the frame can result in loss of vehicle control, increasing the risk of a crash.

Description of the Cause : Assembly plant records indicate that the vehicles required a repair to correct wheel alignment. Following the repair, the vehicles were not re-processed through the assembly station to tighten and verify torque of the front and rear attachment bolts securing the front lower control arm to the frame.

Identification of Any Warning : Customers may notice noise while driving or perceive degraded vehicle that can Occur : handling.

Involved Components :

Component Name 1 : NUT M16 HF 10

Component Description : Nut—lower control arm attachment

Component Part Number : W720216-S442

Component Name 2 : WASHER CAM 16.3X46X5.5 FL STL

Component Description : Washer-lower control arm attachment

Component Part Number : W720186- S439

Component Name 3 : BOLT&WSHR M16X125 HF OFST 10

Component Description : Bolt-lower control arm attachment

Component Part Number : W720555- S439

Supplier Identification :

Component Manufacturer

Name : Ford Motor Company

Address : 1 American Road
Dearborn Michigan 48126

Country : United States

Chronology :

On May 1, 2025, an issue pertaining to loose front lower control arm to frame nuts was brought to Ford's Critical Concern Review Group for review.

On April 22, 2025, the Michigan Assembly Plant (MAP) Plant Vehicle Team (PVT) received a field report for a 2025 MY Bronco in which the customer complained that there was a loud audible 'pop' noise when turning full lock. Upon inspection, the dealer found that all four front lower control arm to frame nuts were loose. The PVT reviewed this vehicle's alignment validation records and noticed that the vehicle had failed the "Toe-In"

process at the plant. The vehicle had subsequently received a manual buy off from the Quality Leadership System (QLS) operator and was not re-run through the alignment validation equipment to ensure the vehicle was properly aligned, secured, and verified with the proper tooling.

On April 29, 2025, Ford issued a Type 1 Stop Ship. On April 30, 2025, the plant’s Government Regulations Coordinator removed the operator’s ability to manually intervene in the alignment validation process.

On May 2, 2025, the PVT reviewed recent manufacturing data related to alignment validation going back to August 2024. The process review provided data traceability regarding alignment setting as well as headlamp aiming. The PVT noticed that four (4) additional units had failed the “Toe-In” process and the operator had also provided a manual buy off from the QLS. One of these four (4) units had been repaired by a dealer on May 1, 2025. The remaining three (3) units had been sold and were in the field.

As of May 2, 2025, Ford is aware of two field reports and one warranty report associated with this concern, associated with 2 vehicles, received between April 22, 2025, and May 1, 2025.

On May 2, 2025, Ford’s Field Review Committee reviewed the concern and approved a Field Service Action. As of April 30, 2025, Ford is not aware of any accidents or injuries related to this concern.

Description of Remedy :

Description of Remedy Program :	Ford is contacting owners and instructing them to not drive their vehicle. Owners are asked to work with a Ford or Lincoln dealer to have their vehicle towed in for service. Dealers will inspect the torque of the lower control arm nuts to the frame. If a fastener is loose or missing, the dealer will replace the fastener. Dealers will check and adjust the vehicle alignment as necessary. 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 nuts attaching the lower control arm to the frame will be properly installed and torqued.
Identify How/When Recall Condition was Corrected in Production :	Not required per 49 Part 573.

Recall Schedule :

Description of Recall Schedule :	Notification to dealers occurred on May 2, 2025. Ford is currently contacting owners by phone and email. Mailing of owner notification letters is expected to begin May 19, 2025 and is expected to be completed by May 19, 2025.
Planned Dealer Notification Date :	MAY 09, 2025 - MAY 09, 2025
Planned Owner Notification Date :	MAY 19, 2025 - MAY 19, 2025

* NR - Not Reported