



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25V316

Manufacturer Name: Ford Motor Company

Submission Date: May 09, 2025

NHTSA Recall No.: 25V316

Manufacturer Recall No.: 25S43

Manufacturer Information

Population

Manufacturer Name: Ford Motor Company

Address: 330 Town Center Drive
Suite 500
Dearborn MI, 48126-2738

Total number of potentially involved: 206

Estimated percentage with defect: 50%

Vehicle Information

Vehicle 1: 2025-2025 Lincoln Aviator

Product Category: Light Vehicles

Product Type:

Fuel / Propulsion:

Production Dates: Apr 01, 2025 - Apr 02, 2025

Number of potentially involved:

Descriptive Information:

Ford's team reviewed plant records to determine the population of affected vehicles.

Affected vehicles have a front subframe mounting bolt that may have been improperly installed.

22 Aviator vehicles are affected

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.

Vehicle 2: 2025-2025 Ford Explorer

Product Category: Light Vehicles

Product Type:

Fuel / Propulsion:

Production Dates: Apr 01, 2025 - Apr 02, 2025

Number of potentially involved:

Descriptive Information:

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Ford's team reviewed plant records to determine the population of affected vehicles.

Affected vehicles have a front subframe mounting bolt that may have been improperly installed.

184 Explorer vehicles are affected.

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.

Defect / Noncompliance Description

Description of the defect or noncompliance:

Affected vehicles may have lower than specification torque one of their six front subframe mounting bolts.

FMVSS1:

FMVSS2:

Description of the safety risk, including crash, fire, death, injury:

A subframe bolt with below specification torque may loosen over time.
A loose front subframe bolt may affect crash performance, increasing the risk of injury.

Description of the cause:

One of the six front subframe mounting bolts was installed with a tool that was damaged.

Identification of any warning that can occur:

A subframe bolt with below specification torque may loosen over time. As a result of a loose subframe bolt, the customer may notice a clunking or rattle noise from the front suspension.

Component Manufacturer

Tier of Supplier:

Supplier Type:

Name: Ford Motor Company

Address: 1 American Road
Dearborn MI, 48126

Country: United States

Involved Components

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Component Name 1: Bolt and Washer

Component Description: M16 Bolt and Washer

Component Part Number: W719413

Chronology

On April 2, 2025, a Ford assembly plant torque auditor conducting a routine torque audit identified a front subframe bolt with below specification torque on a vehicle. Assembly plant personnel reviewed the Direct Current (DC) tool responsible for securing the bolt and discovered it had a cracked housing and faulty internal gearing. These issues caused the tool to apply insufficient torque to the bolts while simultaneously transmitting inaccurate "good" torque readings to the error proofing control system. On April 8, 2025, this concern was brought to Ford's Critical Concern Group (CCRG) for review. During the month of April 2025, the CCRG reviewed plant torque audit records to determine the population of vehicles potentially affected by the broken tool and worked with Ford's Body Structures team to understand the potential effects of a loose subframe bolt. On May 2, 2025, Ford's Field Review Committee reviewed the concern and approved a field action. Ford is not aware of any warranty claims, field reports, customer complaints or VOQs related to this issue. Ford is not aware of any reports of accident or injury related to this condition.

Related NHTSA Recall Number:

Description of Remedy

Remedy Type: Inspect, Replace

Consumer Advisories: ☐ Do Not Drive ☐ Park Outside

Description of remedy program:

Owners will be notified by mail and instructed to take their vehicle to a Ford or Lincoln dealer for an inspection of the potentially affected front subframe bolt for proper torque. If the bolt is not properly torqued dealers will tighten the bolt to specified torque. There will be no charge for these services.

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 subframe mounting bolt (part number W719413) will be properly torqued to specification.

Identify how/when recall condition was corrected in production:

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Reimbursement Plan

Description of reimbursement program:

Period of reimbursement:

Costs to be reimbursed:

Address for reimbursement claims:

Recall Schedule

Description of recall schedule:

Notification to dealers is expected to occur on May 12, 2025. Mailing of owner notification letters is expected to begin May 19, 2025, and is expected to be completed by May 23, 2025.

Planned Dealer Notification Date: May 12, 2025 - May 12, 2025 ☐ No Dealers

Planned Interim Owner Notification Date: ☐ No Owners

Planned Remedy Owner Notification Date: May 19, 2025 - May 23, 2025 ☐ Phased Recall

Date when VIN will be searchable: