



U.S. Department  
of Transportation

National Highway  
Traffic Safety  
Administration

## Part 573 Safety Recall Report

## 25V306

**Manufacturer Name:** Ford Motor Company

**Submission Date:** May 27, 2025

**NHTSA Recall No.:** 25V306

**Manufacturer Recall No.:** 25S44

### Manufacturer Information

### Population

**Manufacturer Name:** Ford Motor Company  
**Address:** 330 Town Center Drive  
Suite 500  
Dearborn MI, 48126-2738

**Total number of potentially involved:** 5  
**Estimated percentage with defect:** 1%

### Vehicle Information

**Vehicle 1:** 2025-2025 FORD F-350 SD

**Product Category:** Light Vehicles

**Product Type:**

**Fuel / Propulsion:**

**Production Dates:** Mar 23, 2025 - Mar 23, 2025

**Number of potentially involved:** 2

**Descriptive Information:**

Ford's team reviewed supplier process and maintenance records to determine the population of affected parts. Affected vehicles are equipped with fuel return line connectors which may be cracked. 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.

2 Ford F-350 Superduty vehicles are affected.

**Vehicle 2:** 2025-2025 FORD F-250 SD

**Product Category:** Light Vehicles

**Product Type:**

**Fuel / Propulsion:**

**Production Dates:** Mar 23, 2025 - Mar 23, 2025

**Number of potentially involved:** 3

**Descriptive Information:**

Ford's team reviewed supplier process and maintenance records to determine the population of affected parts. Affected vehicles are equipped with fuel return line connectors which may be cracked.

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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 Ford F-250 Superduty vehicles are affected.

### Defect / Noncompliance Description

#### Description of the defect or noncompliance:

Affected vehicles are equipped with fuel return line connectors which may be cracked.

**FMVSS1:**

**FMVSS2:**

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

A cracked fuel return line connector may result in a fuel leak on the engine. Fuel contact on hot surfaces, such as when the engine is running, may lead to a fire.

#### Description of the cause:

Due to process deviations at the supplier during a tooling fixture changeover, the hose insertion fixture at the fuel return line connector workstation was misaligned. The misalignment between the connector, hose, and fixture during pressing created a radial movement and force on the shoulders of the connector and fuel return line assemblies were built with connectors which may have been cracked during the assembly process.

#### Identification of any warning that can occur:

Customers may detect a fuel odor, which may be accompanied by a check engine light.

### Component Manufacturer

#### Tier of Supplier:

#### Supplier Type:

**Name:** Bosch Mexico Sistemas Automotrices

**Address:** Eje Central Sahop  
No. 245 Zona Industrial  
San Luis Potosi Foreign States, 78395

**Country:** Mexico

### Involved Components

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**25V306****Component Name 1:** Fuel Return Line Assembly**Component Description:** Fuel Injector Return Line**Component Part Number:** LC3Q-9K022-AC

## Chronology

Chronology is provided as an attachment.

**Related NHTSA Recall Number:**

## Description of Remedy

**Remedy Type:** 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 to have the fuel return line assemblies 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 replacement fuel return line assemblies are produced with processes that meet specifications.

**Identify how/when recall condition was corrected in production:**

Not required per 49 Part 573.

## Reimbursement Plan

Manufacturer used general reimbursement plan on file.

## Recall Schedule

**Part 573 Safety Recall Report****25V306****Description of recall schedule:**

Notification to dealers is expected to occur on May 14, 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:** No Dealers**Planned Interim Owner Notification Date:** No Owners**Planned Remedy Owner Notification Date:** Phased Recall**Date when VIN will be searchable:**