



U.S. Department  
of Transportation

National Highway  
Traffic Safety  
Administration

## Part 573 Safety Recall Report

# 25V597

**Manufacturer Name:** Ford Motor Company

**Submission Date:** Sep 11, 2025

**NHTSA Recall No.:** 25V597

**Manufacturer Recall No.:** 25S90

### Manufacturer Information

### Population

**Manufacturer Name:** Ford Motor Company

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

**Total number of potentially involved:** 9

**Estimated percentage with defect:** 100%

### Vehicle Information

**Vehicle 1:** 2024-2024 FORD BRONCO

**Product Category:** Light Vehicles

**Product Type:** Multipurpose Passenger Vehicle

**Fuel / Propulsion:** Spark Ignition Fuel

**Production Dates:** Nov 19, 2024 - Dec 20, 2024

**Number of potentially involved:** 6

**Descriptive Information:**

Ford's team reviewed engine plant records to determine the population of affected parts. The Ford process is capable of tracing High Pressure Fuel Pump (HPFP) production to the vehicle in which the HPFP is installed.

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.

6 Ford Bronco Vehicles are affected.

**Vehicle 2:** 2024-2024 FORD RANGER

**Product Category:** Light Vehicles

**Product Type:** Light Truck

**Fuel / Propulsion:** Spark Ignition Fuel

**Production Dates:** Dec 19, 2024 - Dec 19, 2024

**Number of potentially involved:** 3

**Descriptive Information:**

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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 Ranger Vehicles are affected.

## Defect / Noncompliance Description

### Description of the defect or noncompliance:

In affected vehicles, the mounting bolts for the high-pressure fuel pump (HPFP) may fail. This condition could lead to the HPFP detaching from its mounting flange, resulting in excessive movement of the fuel pump.

**FMVSS1:**

**FMVSS2:**

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

Movement of an unsecured HPFP may cause the fuel line tubes to fatigue and leak over time. A fuel leak in the presence of an ignition source increases the risk of a fire.

### Description of the cause:

The engine plant repair bay operator followed an unapproved process and torqued the HPFP mounting bolts with an impact gun.

### Identification of any warning that can occur:

The customer may notice a check engine light for low fuel pressure. Customers may hear a rattling noise from the pump hitting the crash bracket and may notice a slow oil leak underneath a stationary vehicle. The customer may notice reduced engine performance while driving.

## Component Manufacturer

### Tier of Supplier:

**Supplier Type:** OEM

**Name:** Ford Motor Company

**Address:** 1 American Drive  
Dearborn MI, 48136

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**25V597****Country:** United States

## Involved Components

**Component Name 1:** High Pressure Fuel Pump Mounting Bolt**Component Description:** BOLT M6X36.4 HF PIL SET10**Component Part Number:** W720040-S450B

## Chronology

On **June 20, 2025** an issue pertaining to broken high pressure fuel pump mounting bolts on the 2024 model year Bronco vehicle line was brought to Ford's Critical Concern Review Group (CCRG) for review.

Between June and August 2025, the CCRG investigation team reviewed plant records, conducted a vehicle evaluation, and reviewed repair bay history dating back to January 2024. Ford determined that this condition was caused by a Ford engine plant repair bay operator who did not follow the approved repair process. The operator had used an impact torque gun to torque the HPFP mounting bolts, which may have damaged the bolts. Ford fastener experts reviewed the HPFP bolt torque curves and determined that this condition was only present in the repair area. Ford determined that this improper HPFP repair was performed on eight (8) additional Maverick 2.3L engines.

As of August 12, 2025, Ford is aware of one Global Contact Center Technology (GCCT) report received on April 16, 2025, one Global Common Quality Indicator System (GCQIS) claim received on April 24, 2025, and one warranty claim received on May 30, 2025, all related to this issue and representing one unique VIN.

On **September 5, 2025**, Ford's Field Review Committee reviewed the concern and approved a field action.

Ford is not aware of any reports of accidents, injuries or fires related to this concern.

**Related NHTSA Recall Number:** NA

## Description of Remedy

**Remedy Type:** Inspect, Replace**Consumer Advisories:**  Do Not Drive  Park Outside

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**25V597****Description of remedy program:**

Owners will be notified by mail and instructed to take their vehicle to a Ford or Lincoln dealer to have their high pressure fuel pump mounting bolts (Part Number: W720040-S450B) and components replaced. There will be no charge for this service.

**How remedy component differs from recalled component:**

The affected high pressure fuel pump mounting bolts (Part Number: W720040-S450B) and components will be replaced with the new same components per the approved technical instructions.

**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

**Description of recall schedule:**

Notification to dealers is expected to occur on September 15, 2025. Mailing of remedy owner notification letters is expected to begin September 22, 2025 and is expected to be completed by September 23, 2025. The date VINs are planned to be searchable is September 15, 2025.

**Planned Dealer Notification Date:** Sep 15, 2025 - Sep 15, 2025  No Dealers

**Planned Interim Owner Notification Date:**  No Owners

**Planned Remedy Owner Notification Date:** Sep 22, 2025 - Sep 23, 2025  Phased Recall

**Date when VIN will be searchable:** Sep 15, 2025