

Part 573 Safety Recall Report

24V-848

Manufacturer Name : Ford Motor Company**Submission Date :** NOV 08, 2024**NHTSA Recall No. :** 24V-848**Manufacturer Recall No. :** 24S71**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 : 65

Estimated percentage with defect : 40 %

Vehicle Information :

Vehicle 1 : 2024-2024 Ford Ranger

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : In the affected vehicles, a fuel vapor line bracket may have been installed in a powertrain configuration that does not require the bracket. Ford's team reviewed plant records to determine the population of affected vehicles.

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 : JUL 19, 2023 - JUL 27, 2024

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : In the affected vehicles, a fuel vapor line bracket may have been installed in error, resulting in inadequate clearance between the bracket and the fuel vapor line. The fuel vapor line may contact the bracket and, over time, become damaged.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the fuel vapor line is damaged, this can result in fuel vapor leakage. A fuel vapor leak in the presence of an ignition source increases the risk of fire.

Description of the Cause : At the vehicle assembly plant, operators installed the bracket on some of these vehicles, equipped with the 2.7L engine, in error.

Identification of Any Warning that can Occur : If the fuel vapor line develops a leak, a Malfunction Indicator Light (MIL) will be displayed in the instrument cluster after two repeat engine cycles and the customer may perceive a fuel odor.

Involved Components :

Component Name 1 : Fuel Vapor Line Bracket

Component Description : Fuel Vapor Line Bracket

Component Part Number : MB3G-9B325-NA

Supplier Identification :

Component Manufacturer

Name : Ford Motor Company

Address : 1 American Road

Dearborn Michigan 48126

Country : United States

Chronology :

Ford's Critical Concern Review Group (CCRG) opened an investigation into this concern on September 5, 2024 after the Michigan Assembly Plant (MAP) observed that a fuel vapor line bracket, intended only for 2.3L and 3.0L engine applications, was being installed on some 2024.5 Model Year (MY) Ranger vehicles equipped with 2.7L engines.

September-October 2024

The CCRG investigation determined that a pick light system had been implemented at the vehicle assembly plant on August 11, 2023 to signal bracket installation for 2.3L and 3.0L engine variants only. The bracket was not intended for the 2.7L engine variant, which had been delayed to a 2024.5 MY introduction. However some operators installed the fuel vapor line brackets on certain 2.7L engine vehicles in error.

In October 2024, Ford reviewed affected vehicles and determined that the nominal clearance between the fuel vapor line bracket and the fuel vapor line is less than internal requirements when installed on Ranger vehicles equipped with the 2.7L engine. Based on engineering judgment, Ford determined that the bracket and fuel vapor line could experience relative motion during vehicle operation allowing the plastic fuel vapor line to contact the metal bracket. Over time, this contact could result in a breach of the fuel vapor line allowing fuel vapor to escape the vapor containment boundary of the design. Ford's review also found that the vehicle's hot

end exhaust is located in close proximity to the bracket and fuel vapor line interface in the 2.7L engine application.

As of October 13, 2024, Ford is not aware of any warranty claims, field reports, or customer complaints related to this concern.

On November 1, 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 : Owners will be notified by mail and instructed to take their vehicle to a Ford or Lincoln dealer to have their vehicle inspected for the presence of the fuel vapor line bracket. If the bracket is present, a tie strap will be installed to secure the fuel vapor line to the bracket.

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 : A tie strap (98AG-14A169-AA) will be installed on the fuel vapor line and attached to the fuel vapor line bracket.

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on November 13, 2024. Mailing of owner notification letters is expected to begin November 25, 2024 and is expected to be completed by November 29, 2024.

Planned Dealer Notification Date : NOV 13, 2024 - NOV 13, 2024

Planned Owner Notification Date : NOV 25, 2024 - NOV 29, 2024

* NR - Not Reported