

Part 573 Safety Recall Report

24V-097

Manufacturer Name : Ford Motor Company**Submission Date :** FEB 09, 2024**NHTSA Recall No. :** 24V-097**Manufacturer Recall No. :** 24S07**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 : 16,543

Estimated percentage with defect : 8 %

Vehicle Information :

Vehicle 1 : 2021-2022 Ford E-350

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : NR

Descriptive Information : Ford's team reviewed service records to determine the population of vehicles that received a passing inspection for Ford Field Service Action 22S08 (NHTSA Campaign Number 22V-089) on or after January 29, 2023. Additionally, vehicles that have not yet had 22S08 completed are also included in this new safety recall with improved service instructions.

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.

5,914 E-350 vehicles are affected.

Production Dates : MAY 11, 2019 - JUN 17, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2021-2022 Ford E-450

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : NR

Descriptive Information : Ford's team reviewed service records to determine the population of vehicles that received a passing inspection for Ford Field Service Action 22S08 (NHTSA Campaign Number 22V-089) on or after January 29, 2023. Additionally, vehicles that have not yet had 22S08 completed are also included in this new safety recall with improved service instructions.

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.

10,629 E-450 vehicles are affected.

Production Dates : MAY 11, 2019 -JUN 17, 2021

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The power steering pressure line in affected vehicles may be inadequately connected to the brake Hydroboost unit, which may result in a leak or sudden loss of power steering fluid.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Sudden loss of power steering fluid may result in a loss of power steering assist, requiring increased steering effort, and loss of power brake assist, requiring increased force on the pedal to brake, potentially resulting in increased stopping distance. A sudden loss of power steering assist and power brake assist increases the risk of a crash.

Description of the Cause : The fitting between the power steering pressure line and the brake Hydroboost unit may not have been adequately connected during the assembly process.

Identification of Any Warning that can Occur : A power steering fluid leak may occur, resulting in steering fluid on the ground underneath the vehicle. Some drivers report hearing an audible "pop" if the power steering pressure line fitting becomes disconnected while driving.

Involved Components :

Component Name 1 : HOS ASY PWR STNG PRESS LN

Component Description : Power Steering Pressure Line, Cutaway Units

Component Part Number : LC24-3F523-AD

Component Name 2 : HOS ASY PWR STNG PRESS LN

Component Description : Power Steering Pressure Line, Stripped Chassis Units

Component Part Number : LC24-3F523-BC

Component Name 3 : HOS ASY-PWR STNG PRESS LN LH

Component Description : Power Steering Jumper Line

Component Part Number : 4C24- 3F524-GA

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

See attached.

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 the power steering pressure line and Hydroboost jumper line 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. The ending date for reimbursement eligibility is estimated to be May 31, 2024.

Ford will forward a copy of the notification letters to dealers to the agency when available.

How Remedy Component Differs from Recalled Component : The power steering lines LC24-3F523-AD/BC will be replaced with power steering lines LC24-3F523-AE/BD or RC24-3F523-AA/BA. The power steering lines 4C24- 3F524-GA will be replaced with power steering lines 4C24- 3F524-GB/C. The revised power steering lines incorporate revised routing and connection angle at the Hydroboost unit.

Identify How/When Recall Condition was Corrected in Production : On June 21, 2021, power steering lines with revised routing and connection angle at the Hydroboost unit were introduced into production based on ergonomic feedback from assembly plant personnel.

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on February 12, 2024. Mailing of owner notification letters is expected to begin March 25, 2024 and is expected to be completed by March 29, 2024.

Planned Dealer Notification Date : FEB 12, 2024 - FEB 12, 2024

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

* NR - Not Reported

Part 573 Safety Recall Report

22V-089

Manufacturer Name : Ford Motor Company**Submission Date :** FEB 16, 2022**NHTSA Recall No. :** 22V-089**Manufacturer Recall No. :** 22S08**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 : 44,219

Estimated percentage with defect : 12 %

Vehicle Information :

Vehicle 1 : 2021-2022 Ford E-350

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : This condition affects 2021 and 2022 Model Year E-Series incomplete vehicles equipped with dual rear wheels built between May 11, 2019 and June 17, 2021.

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.

16,953 E-350 vehicles are affected.

Production Dates : MAY 11, 2019 - JUN 17, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2021-2022 Ford E-450

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : This condition affects 2021 and 2022 Model Year E-Series incomplete vehicles equipped with dual rear wheels built between May 11, 2019 and June 17, 2021.

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.

27,266 E-450 vehicles are affected.

Production Dates : MAY 11, 2019 - JUN 17, 2021

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The power steering pressure line in affected vehicles may be inadequately connected to the brake Hydroboost unit, which may result in a leak or sudden loss of power steering fluid.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Sudden loss of power steering fluid may result in a loss of power steering assist, requiring increased steering effort, and loss of power brake assist, requiring increased force on the pedal to brake, potentially resulting in increased stopping distance. A sudden loss of power steering assist and power brake assist increases the risk of a crash.

Description of the Cause : The fitting between the power steering pressure line and the brake Hydroboost unit may not have been adequately connected during the assembly process.

Identification of Any Warning that can Occur : A power steering fluid leak may occur, resulting in steering fluid on the ground underneath the vehicle. Some drivers report hearing an audible "pop" if the power steering pressure line fitting becomes disconnected while driving.

Involved Components :

Component Name 1 : HOS ASY PWR STNG PRESS LN

Component Description : Power Steering Pressure Line, Cutaway Units

Component Part Number : LC24-3F523-AD

Component Name 2 : HOS ASY PWR STNG PRESS LN

Component Description : Power Steering Pressure Line, Stripped Chassis Units

Component Part Number : LC24-3F523-BC

Component Name 3 : HOS ASY-PWR STNG PRESS LN LH

Component Description : Power Steering Jumper Line

Component Part Number : 4C24- 3F524-GA

Supplier Identification :

Component Manufacturer

Name : Yokohama Industries Americas Inc.

Address : 109 Gillespie Drive
Easley South Carolina 29640

Country : United States

Chronology :

Chronology is provided as an attachment.

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 the connection between the power steering lines and the Hydroboost unit inspected. The power steering lines will be replaced if the joint is not secure. 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 2021. The ending date for reimbursement eligibility is March 25, 2022.

Ford will forward a copy of the notification letters to dealers to the agency when available.

How Remedy Component Differs from Recalled Component : The power steering lines (LC24-3F523-AD/BC and 4C24- 3F524-GA) will be replaced with power steering lines (LC24-3F523-AE/BD and 4C24-3F524-GB) that incorporate revised routing and connection angle at the Hydroboost unit.

Identify How/When Recall Condition was Corrected in Production : On June 21, 2021, power steering lines with revised routing and connection angle at the Hydroboost unit were introduced into production based on ergonomic feedback from assembly plant personnel.

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on February 17, 2022. Mailing of owner notification letters is expected to begin March 7, 2022 and is expected to be completed by March 11, 2022.

Planned Dealer Notification Date : FEB 17, 2022 - FEB 17, 2022

Planned Owner Notification Date : MAR 07, 2022 - MAR 11, 2022

* NR - Not Reported