



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25V343

Manufacturer Name: Ford Motor Company

Submission Date: May 23, 2025

NHTSA Recall No.: 25V343

Manufacturer Recall No.: 25S52

Manufacturer Information

Population

Manufacturer Name: Ford Motor Company

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

Total number of potentially involved: 6,781

Estimated percentage with defect: 100%

Vehicle Information

Vehicle 1: 2025-2025 LINCOLN CORSAIR

Product Category: Light Vehicles

Product Type:

Fuel / Propulsion: Spark Ignition Fuel

Production Dates: Jul 29, 2024 - May 07, 2025

Number of potentially involved: 1

Descriptive Information:

The recalled part was introduced into production on 7/29/2024 and was taken out of production on 5/7/2025. Affected vehicles are equipped with a 2.0L Modular Power Cylinder (MPC) engine and an engine block heater. 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.

1 Corsair vehicle is affected.

Vehicle 2: 2023-2023 LINCOLN CORSAIR

Product Category: Light Vehicles

Product Type: Multipurpose Passenger Vehicle

Fuel / Propulsion: Spark Ignition Fuel

Production Dates: Jul 01, 2022 - Oct 04, 2023

Number of potentially involved: 40

Descriptive Information:

The recalled part was introduced into production on 7/1/2022 and was taken out of production on 10/4/2023. Affected vehicles are equipped with a 2.0L Modular Power Cylinder (MPC) engine and an

Part 573 Safety Recall Report

25V343

engine block heater. 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.

40 Corsair vehicles are affected.

Vehicle 3: 2024-2025 LINCOLN NAUTILUS**Product Category:** Light Vehicles**Product Type:****Fuel / Propulsion:** Spark Ignition Fuel**Production Dates:** Apr 13, 2023 - May 15, 2025**Number of potentially involved:** 11**Descriptive Information:**

The recalled part was introduced into production on 4/13/2023 and was taken out of production on 5/15/2025. Affected vehicles are equipped with a 2.0L Modular Power Cylinder (MPC) engine and an engine block heater. 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.

11 Nautilus vehicles are affected.

Vehicle 4: 2025-2025 FORD MAVERICK**Product Category:** Light Vehicles**Product Type:****Fuel / Propulsion:** Spark Ignition Fuel**Production Dates:** Apr 11, 2024 - May 07, 2025**Number of potentially involved:** 962**Descriptive Information:**

The recalled part was introduced into production on 4/11/2024 and was taken out of production on 5/7/2025. Affected vehicles are equipped with a 2.0L Modular Power Cylinder (MPC) engine and an engine block heater. 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.

962 Maverick vehicles are affected.

Vehicle 5: 2023-2025 FORD ESCAPE**Product Category:** Light Vehicles

Part 573 Safety Recall Report

25V343

Product Type: Multipurpose Passenger Vehicle

Fuel / Propulsion: Spark Ignition Fuel

Production Dates: Jun 29, 2022 - May 07, 2025

Number of potentially involved: 4,192

Descriptive Information:

The recalled part was introduced into production on 6/29/2022 and was taken out of production on 5/7/2025. Affected vehicles are equipped with a 1.5L or a 2.0L Modular Power Cylinder (MPC) engine and an engine block heater. 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.

4,192 Escape vehicles are affected.

Vehicle 6: 2025-2025 FORD BRONCO SPORT

Product Category: Light Vehicles

Product Type: Multipurpose Passenger Vehicle

Fuel / Propulsion: Spark Ignition Fuel

Production Dates: Mar 07, 2024 - May 07, 2025

Number of potentially involved: 1,575

Descriptive Information:

The recalled part was introduced into production on 3/7/2024 and was taken out of production on 5/7/2025. Affected vehicles are equipped with a 1.5L or a 2.0L Modular Power Cylinder (MPC) engine and an engine block heater. 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.

1,575 Bronco Sport vehicles are affected.

Defect / Noncompliance Description

Description of the defect or noncompliance:

Affected vehicles may experience overheating of the engine block heater while the vehicle is parked and the block heater is plugged in.

FMVSS1:

FMVSS2:

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

Overheating of the engine block heater in these vehicles may increase the risk of an underhood fire.

Part 573 Safety Recall Report

25V343

This risk only exists when the block heater is plugged in.

Description of the cause:

The design of the block heater element, its packaging in 1.5L and 2.0L MPC engine blocks, and the installation angle in affected vehicles in combination result in susceptibility to block heater overheating resulting from coolant vapor or air being trapped around the heating element of the block heater. This potential for overheating exists when the block heater is plugged in.

Identification of any warning that can occur:

An overheated engine block heater may result in engine coolant leakage. Coolant leakage may be visible under the vehicle, and may also result in illumination of the check engine light. Some customers have reported poor vehicle heater performance, resulting from coolant loss. Heat damage to the electrical connector on the engine block heater can also occur.

Component Manufacturer

Tier of Supplier: Tier 1

Supplier Type: OEM

Name: Phillips and Temro Industries

Address: 9700 West 74th Street
Eden Prairie MN, 55344

Country: United States

Involved Components

Component Name 1: Engine Block Heater

Component Description: Engine Block Heater

Component Part Number: JL3T-6A051-AB

Chronology

In January 2025, Ford's Electrical Distribution System (EDS) team members in China identified four warranty reports citing coolant leakage and block heater cable melting on 2024 Lincoln Nautilus vehicles. On January 23, 2025, the EDS team shared these warranty reports and their initial findings with Ford's Critical Concern Review Group (CCRG). On February 25, 2025, Ford's CCRG opened an investigation focused on cable melting reports involving the block heater design used on Nautilus.

During February and March 2025, Ford's Supplier Technical Assistance (STA) team worked with the block heater supplier to investigate warranty return parts. Their analysis found no evidence that components or characteristics were out of specification. During this time period, STA also reviewed the supplier's control plan testing results from the start of production, which similarly showed no indicators of a supplier quality root cause for the block heater melting.

Part 573 Safety Recall Report

25V343

Between April 14 and April 25, 2025, the block heater supplier performed subsystem level lab testing using an engine block and block heater in attempt to understand root cause of the condition. PTI's testing was able to recreate the melting condition when the engine block was angled to replicate orientation in potentially affected vehicles.

As of May 2, 2025, Ford is aware of 120 warranty reports potentially related to this condition.

Ford is not aware of any accidents, injuries, or fires attributed to this condition.

On May 16, 2025, Ford's Field Review Committee reviewed the concern and approved a field action.

Related NHTSA Recall Number:

Description of Remedy

Remedy Type:

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 engine block heater element replaced with a block heater of different design, and to have their block heater electrical cord inspected and replaced if required. There will be no charge for this service. Ford currently anticipates new block heater availability in the 4th Quarter of 2025. Owners will be instructed to refrain from plugging in their vehicle's block heater until the vehicle is remedied.

How remedy component differs from recalled component:

The recalled component is Block Heater JL3T-6A051-AB.
The remedy block heater will be of a different design.

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 5/27/2025. Mailing of interim owner notification letters is expected to begin 6/9/2025 and is expected to be completed by 6/13/2025. Mailing of remedy owner

Part 573 Safety Recall Report**25V343**

notification letters is not yet known as the remedy for this recall is still under development. The date VINs are planned to be searchable is 5/27/2025.

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: May 27, 2025