

# Part 573 Safety Recall Report

## 22V-842

**Manufacturer Name :** Ford Motor Company**Submission Date :** DEC 23, 2022**NHTSA Recall No. :** 22V-842**Manufacturer Recall No. :** 22S71**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 : 474,561

Estimated percentage with defect : 1 %

**Vehicle Information :**

Vehicle 1 : 2021-2022 Ford F-150

Vehicle Type : LIGHT VEHICLES

Body Style : PICKUP TRUCK

Power Train : NR

**Descriptive Information :** Ford's team reviewed supplier process and maintenance records to determine the population of affected parts.

Vehicles built at Dearborn Truck Plant from May 3, 2021, through September 10, 2021, are excluded from this population as those units were built with a different wiper motor design (due to the microchip shortages at the time) that is not susceptible to this concern.

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.

464,260 F-150 vehicles are affected.

**Production Dates :** MAR 23, 2021 - AUG 16, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2021-2021 Ford F-150

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

**Descriptive Information :** Ford reviewed manufacturing and field performance history of wiper motors previously replaced under safety recall 22S12. Vehicles that may have received replacement wiper motors produced through August 7, 2022, under safety recall 22S12, have been added to the population for safety recall 22S71.

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.

10,301 F-150 vehicles are affected.

Production Dates : JAN 08, 2020 - MAR 22, 2021

VIN Range 1 : Begin :

NR

End : NR

Not sequential

## Description of Defect :

**Description of the Defect :** Windshield wiper motor may become inoperative.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** An inoperative wiper motor has the potential for reduced visibility or loss of visibility in certain conditions, increasing the risk of a crash.

**Description of the Cause :** The primary causal factors that led to inoperative or poorly performing wipers are wiper motor integrated circuit board damage due to high transient voltage spikes and poor-quality wiper motor electrical terminals.

**Identification of Any Warning that can Occur :** Wiper operation can become erratic.

## Involved Components :

**Component Name 1 :** Front Wiper Motor

**Component Description :** Electric motor used to drive the front wipers

**Component Part Number :** ML34-17504-A

**Supplier Identification :****Component Manufacturer**

Name : Trico Componentes Sa De Cv  
Address : Michigan 200 Parque Industrial del Norte  
Matamoros Foreign States 87316  
Country : Mexico

**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 wiper motor 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 2021. The ending date for reimbursement eligibility is estimated to be September 30, 2023.

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

How Remedy Component Differs from Recalled Component : The wiper motor will be removed and a new wiper motor with a manufacturing date of August 8, 2022, or later will be installed using the standard service procedure.

Identify How/When Recall Condition was Corrected in Production : Permanent corrective actions were implemented at the motor supplier manufacturing facility and the certified stock was used at the Ford production facilities starting on August 16, 2022.

**Recall Schedule :**

Description of Recall Schedule : Notification to dealers is expected to occur on 1/6/2023. Mailing of owner notification letters is expected to begin 1/9/2023 and is expected to be completed by 1/13/2023.

Planned Dealer Notification Date : JAN 06, 2023 - JAN 06, 2023

Planned Owner Notification Date : JAN 09, 2023 - JAN 13, 2023

\* NR - Not Reported