

Part 573 Safety Recall Report

22V-842

Manufacturer Name : Ford Motor Company

Submission Date : NOV 15, 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 : 453,650

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.

Production Dates : MAR 23, 2021 - AUG 08, 2022

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 :

See "22S71_Chronology.pdf" 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 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 1, 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 8, 2022.

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on 1/3/2023. Mailing of owner notification letters is expected to begin 1/3/2023 and is expected to be completed by 1/6/2023.

Planned Dealer Notification Date : JAN 03, 2023 - JAN 03, 2023

Planned Owner Notification Date : JAN 03, 2023 - JAN 06, 2023

* NR - Not Reported