

# Part 573 Safety Recall Report

# 22V-142

**Manufacturer Name :** Ford Motor Company**Submission Date :** MAR 11, 2022**NHTSA Recall No. :** 22V-142**Manufacturer Recall No. :** 22S12**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 : 157,306

Estimated percentage with defect : 2 %

**Vehicle Information :**

Vehicle 1 : 2021-2021 Ford F-150

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

**Descriptive Information :** Ford's team reviewed supplier process and maintenance records to determine the population of affected parts. 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 : 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 were poor quality motor brush plate spot welding, insufficient motor magnet adhesive being applied, and insufficient motor nut assembly torque.

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 : AVE MICHIGAN 200 PARQUE FINSA,H MATAMORO  
H. MATAMOROS Foreign States 87316

Country : Mexico

## Chronology :

See attached. 22S12\_chronology.pdf

## 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 is excluding reimbursement for costs because the original warranty program would provide for a free repair for this concern.

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

How Remedy Component Differs : The wiper motor will be removed and a new wiper motor with a manufacturing date of 5-Mar-2021 or later will be installed using the

from Recalled Component : 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 22-Mar-2022.

### Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on 03/14/2022. Mailing of owner notification letters is expected to begin 04/18/2022 and is expected to be completed by 04/22/2022.

Planned Dealer Notification Date : MAR 14, 2022 - MAR 14, 2022

Planned Owner Notification Date : APR 18, 2022 - APR 22, 2022

\* NR - Not Reported