

Part 573 Safety Recall Report

23V-686

Manufacturer Name : Ford Motor Company**Submission Date :** OCT 13, 2023**NHTSA Recall No. :** 23V-686**Manufacturer Recall No. :** 23C31**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 : 2,866

Estimated percentage with defect : 5 %

Vehicle Information :

Vehicle 1 : 2023-2023 FORD EXPLORER

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Ford's team reviewed supplier process and maintenance records to determine the population of affected parts. The Ford process is capable of tracing the body wire harness production to the vehicle in which the affected body wire harness is installed.

Affected vehicles are Explorer vehicles equipped with the standard rearview camera and the rear-camera wire harness part numbers P1MT-14A005-B or P1MT-14A005-F. Units with the optional 360-degree camera are not affected.

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 : AUG 01, 2023 - AUG 29, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Noncompliance :**

Description of the Noncompliance : Affected vehicles have a wire splice on the rear-view camera circuit that may not have been properly soldered. On some units a loose solder splice may cause the rear-view camera to display a blue rear-view camera image on SYNC screen when the vehicle is placed in reverse.

FMVSS 1 : 111 - Rear visibility

FMVSS 2 : NR

Description of the Safety Risk : Loss of rear camera image while in reverse will be non-compliant to FMVSS 111 and can increase the risk of a crash.

Description of the Cause : Improper heating during the wire harness manufacturing process may result in incomplete distribution of solder in the rear-view camera power circuit splice. A loose splice can result in an open circuit resulting in power loss to the rear-view camera.

Identification of Any Warning that can Occur : None

Involved Components :

Component Name 1 : U625 WIR ASY- BODY MAIN

Component Description : U625 WIR ASY- BODY MAIN

Component Part Number : P1MT-14A005-B

Component Name 2 : U625 WIR ASY- BODY MAIN

Component Description : U625 WIR ASY- BODY MAIN

Component Part Number : P1MT-14A005-F

Supplier Identification :

Component Manufacturer

Name : Sumitomo Electric Wiring Systems

Address : 1018 Ashley St.

Bowling Green Kentucky 42103

Country : United States

Chronology :

On August 31, 2023, Ford's Critical Concern Review Group (CCRG) reviewed this concern pertaining to 2023 Explorer vehicles with a loose rear view camera circuit splice..

August – September 2023

Ford's CCRG issued an In-Transit Stop Ship (ITSS) after Ford's Chicago Assembly Plant End of Line test station identified a blue screen instead of a rear-view image. Ford inspected solder splices on vehicles held under the ITSS to understand whether the population of potentially affected vehicles had a loose solder splice. Ford found

a loose solder splice in 4.9% of the vehicles inspected.

As of September 19, 2023, Ford is not aware of any VOQs or warranty claims relating to rear-view camera image in this population.

On October 6, 2023, Ford's Field Review Committee reviewed the concern and approved a field action.

Ford is not aware of any accidents or injuries relating to this issue.

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 rear camera wire harness inspected and any loose splices repaired. 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 November 24, 2023.

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

How Remedy Component Differs from Recalled Component : Rear view camera circuit splices on the body harness (P1MT-14A005-B, P1MT-14A005-F) will have proper solder distribution.

Identify How/When Recall Condition was Corrected in Production : Not required per 49 Part 573.

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on October 18, 2023. Mailing of owner notification letters is expected to begin November 6, 2023 and is expected to be completed by November 10, 2023.

Planned Dealer Notification Date : OCT 18, 2023 - OCT 18, 2023

Planned Owner Notification Date : NOV 06, 2023 - NOV 10, 2023

* NR - Not Reported