

Part 573 Safety Recall Report

23V-122

Manufacturer Name : Ford Motor Company**Submission Date :** FEB 24, 2023**NHTSA Recall No. :** 23V-122**Manufacturer Recall No. :** 23C02**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 : 4,804

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2023-2023 Ford Transit

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : NR

Descriptive Information : The auxiliary wire harness that disables the Heating, Ventilation and Air Conditioning (HVAC) system function was available for vehicles from November 2, 2022 to January 28, 2023.

This condition affects certain Transit vehicles equipped with the Special Vehicle Operations Accessory / Service Kit #1 or #2 with the High Specification Vehicle Interface Connector.

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 : NOV 02, 2022 - JAN 28, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Noncompliance :**

Description of the Noncompliance : The HVAC system, including defrost and defog functionality, will be inoperative when the affected auxiliary wire harness is installed by the vehicle upfitter or other vehicle modifier.

FMVSS 1 : 103 - Windshield defrosting and defogging systems

FMVSS 2 : NR

Description of the Safety Risk : The lack of a functioning windshield defrosting and defogging system may

Description of the Safety Risk : decrease the driver's visibility under certain driving conditions, increasing the risk of a crash.

Description of the Cause : The auxiliary wire harness supplier manufactured the wire harness with blunt end wires installed in the Controller Area Network (CAN) bus communication pins of the auxiliary wire harness' connector instead of the required twisted pair CAN loop, resulting in an interruption of the CAN communication path and rendering the HVAC system inoperative.

Identification of Any Warning that can Occur : The HVAC system, including defrost/defog, will not function. Controls for the HVAC in the SYNC screen will be grayed out and not responsive.

Involved Components :

Component Name 1 : Auxiliary Wire Harness

Component Description : Auxiliary Wire Harness

Component Part Number : LK4V-14A411-HCA

Supplier Identification :

Component Manufacturer

Name : Yazaki North America

Address : 6801 Haggerty Rd.
Canton Michigan 48187

Country : United States

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 auxiliary wire harness inspected and replaced or repaired as necessary. 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 auxiliary wire harness (LK4V-14A411-HCA) will either be replaced with a new wire harness which contains the necessary twisted pair loop or the wire harness will be modified to include the necessary twisted pair loop.

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on February 27, 2023. Mailing of owner notification letters is expected to begin March 20, 2023 and is expected to be completed by March 24, 2023.

Planned Dealer Notification Date : FEB 27, 2023 - MAR 03, 2023

Planned Owner Notification Date : MAR 20, 2023 - MAR 24, 2023

* NR - Not Reported