

Part 573 Safety Recall Report

23V-510

Manufacturer Name : Ford Motor Company**Submission Date :** JUL 21, 2023**NHTSA Recall No. :** 23V-510**Manufacturer Recall No. :** 23C24**Manufacturer Information :****Population :****Manufacturer Name :** Ford Motor Company**Number of potentially involved :** 5,558**Address :** 330 Town Center Drive**Estimated percentage with defect :** 50 %

Suite 500 Dearborn MI 48126-2738

Company phone : 1-866-436-7332**Vehicle Information :****Vehicle 1 :** 2023-2023 Ford F-53 Recreational Stripped Chassis**Vehicle Type :** BUSES, MEDIUM & HEAVY VEHICLES**Body Style :** ALL**Power Train :** NR

Descriptive Information : Ford's team reviewed plant records to determine the population of affected vehicles. Affected vehicles are equipped with a Smart Data Link Connector (SDLC) that may have been exposed to moisture following a manufacturing plant rework procedure.

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.

1,744 2022 Ford F-53 Recreational Stripped Chassis vehicles are affected.

Production Dates : JUL 14, 2022 - MAR 29, 2023**VIN Range 1 : Begin :**

NR

End : NR☐ Not sequential

Vehicle 2 : 2023-2023 Ford F-59 Commercial Stripped Chassis

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : NR

Descriptive Information : Ford's team reviewed plant records to determine the population of affected vehicles. Affected vehicles are equipped with a Smart Data Link Connector (SDLC) that may have been exposed to moisture following a manufacturing plant rework procedure.

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.

3,814 2022 Ford F-59 Commercial Stripped Chassis vehicles are affected.

Production Dates : JUL 14, 2022 - MAR 29, 2023

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Noncompliance :

Description of the Noncompliance : Affected vehicles have Smart Data Link Connector modules that may have been exposed to moisture, potentially leading to corrosion in the module, connector and wire harness. The resulting corrosion may interfere with the vehicle's Controller Area Network (CAN) communication. As a result, the Instrument Panel Cluster may be inoperative when installed by the vehicle upfitter or other vehicle modifier.

FMVSS 1 : 101 - Control and displays

FMVSS 2 : 105 - Hydraulic and electric brake systems

Description of the Safety Risk : An inoperative Instrument Panel Cluster does not provide safety-related information to the driver and increases the risk of a crash.

Description of the Cause : During a rework procedure on the stripped chassis units, a protective bag was removed from the Smart Data Link Connector module to access the On Board Diagnostic port. After completion of the rework procedure, the bag was not properly reinstalled thereby leaving the module exposed to the elements.

Identification of Any Warning that can Occur : None.

Involved Components :

Component Name 1 : Smart Data Link Connector

Component Description : Smart Data Link Connector

Component Part Number : PU9T-14F642-AA

Supplier Identification :

Component Manufacturer

Name : Ford Motor Company

Address : One American Road
Dearborn Michigan 48126

Country : United States

Chronology :

See 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 their SDLC module replaced and to splice in a new wire harness connector. An inspection of the wire harness will also be performed and if corrosion is found past the point of the connector splice, the entire wire harness will be 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 2023. The ending date for reimbursement eligibility is estimated to be September 30, 2024.

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

How Remedy Component Differs from Recalled Component : The new SDLC, wire harness and connector will be free of corrosion.

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

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on July 24, 2023. Mailing of owner notification letters is expected to begin August 14, 2023 and is expected to be completed by August 18, 2023.

Planned Dealer Notification Date : JUL 24, 2023 - JUL 28, 2023

Planned Owner Notification Date : AUG 14, 2023 - AUG 18, 2023

* NR - Not Reported