

Part 573 Safety Recall Report

25V-238

Manufacturer Name : Ford Motor Company

Submission Date : APR 11, 2025

NHTSA Recall No. : 25V-238

Manufacturer Recall No. : 25S36



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 : 457

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2024-2025 Ford E-Transit Chassis Cab

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Affected vehicles are built with high voltage traction battery tray side rails which may buckle and crack when exposed to repeated freeze and thaw cycling. The affected vehicle population includes 2024-2025 model year E-Transit Chassis Cab vehicles with Extended Range (4P) batteries built from April 18, 2024 through January 27, 2025.

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.

456 2024 model year Ford E-Transit vehicles are affected

1 2025 model year Ford E-Transit vehicle is affected.

Production Dates : APR 18, 2024 - JAN 27, 2025

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : Affected vehicles contain a high voltage traction battery assembly with extruded aluminum side rails that may buckle and crack, allowing water ingress to the battery pack.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk :	Significant amounts of water within the high voltage battery pack for a prolonged time can result in an electrical short circuit and this may lead to a fire.
Description of the Cause :	Prior to box installation and during outdoor storage, the vehicles may be exposed to the elements and water may accumulate in the high voltages battery side rail channels. Water that accumulates in the channels may be exposed to repeated cycles of freezing and thawing within the exposed aluminum side rail extrusions of the high voltage battery assembly. This can cause the side rails to buckle and crack. If the side rails buckle and crack, water can ingress to the battery pack.
Identification of Any Warning that can Occur :	If a severe level of isolation loss is detected within the high voltage battery, a "Stop safely now" message will appear on the instrument cluster. After stopping, the vehicle will not drive or charge. If a mild level of isolation loss is detected within the high voltage battery, a "Service vehicle soon" message will appear on the instrument cluster.

Involved Components :

Component Name 1 : High Voltage Traction Battery Assembly

Component Description : High Voltage Traction Battery Assembly- Extended Range (4P)

Component Part Number : PK48-10B759-FB

Component Name 2 : High Voltage Traction Battery Assembly

Component Description : High Voltage Traction Battery Assembly- Extended Range (4P)

Component Part Number : PK48-10B759-FC

Supplier Identification :

Component Manufacturer

Name : Ford Motor Company

Address : 1 American Road
Dearborn Michigan 48126

Country : United States

Chronology :

Chronology is provided as an attachment.

Description of Remedy :

Description of Remedy Program :	<p>Ford is contacting owners and instructing them to park their vehicles outside and 50 feet away from any structures or other vehicles. Owners will also be notified by mail and instructed to contact a Ford or Lincoln dealer to have the high voltage traction battery assembly inspected. Battery assemblies that show evidence of buckling or cracking on the side rails will be replaced. Battery assemblies that do not show evidence of buckling or cracking will have drainage holes added to the side rails. There will be no charge for this service.</p> <p>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. Owners who have paid to have these repairs completed at their own expense may be eligible for reimbursement, in accordance with the recall reimbursement plan on file with NHTSA.</p>
How Remedy Component Differs from Recalled Component :	High voltage traction battery assemblies provided through the recall remedy will contain side rail extrusions with drainage holes to prevent pooling of water.
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 April 14, 2025. Mailing of owner notification letters is expected to begin May 5, 2025 and is expected to be completed by May 9, 2025.
Planned Dealer Notification Date :	APR 14, 2025 - APR 14, 2025
Planned Owner Notification Date :	MAY 05, 2025 - MAY 09, 2025

* NR - Not Reported