

Part 573 Safety Recall Report

24V-466

Manufacturer Name : Fisker Group Inc

Submission Date : JUN 27, 2024

NHTSA Recall No. : 24V-466

Manufacturer Recall No. : TSB55062401



Manufacturer Information :

Manufacturer Name : Fisker Group Inc

Address : 14 Centerpointe Drive

La Palma CA 90626

Company phone : 6026537139

Population :

Number of potentially involved : 8,204

Estimated percentage with defect : 3 %

Vehicle Information :

Vehicle 1 : 2023-2024 Fisker Ocean

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : HYBRID ELECTRIC

Descriptive Information : On certain vehicles, the outer door handles may stick, preventing customers from entering or exiting. Following thorough investigations, Fisker Engineering has identified this as a potential safety concern. The issue is critical in scenarios where the vehicle cannot be exited, likely due to a malfunctioning door mechanism.

Production Dates : FEB 09, 2023 - MAY 31, 2024

VIN Range 1 : Begin : VCF1EBU2XPG001137 **End :** VCF1SAU25RG014531 Not sequential

Description of Defect :

Description of the Defect : On certain vehicles, the outer door handles may stick, preventing customers from entering or exiting.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : There is a potential concern if the vehicle cannot be exited, which could pose a significant risk to occupants. This is especially critical in emergencies where a rapid exit is essential, such as during a fire, accident, or flooding.

Description of the Cause : The issue likely due to a malfunctioning door mechanism.

Identification of Any Warning that can Occur : No warning.

Involved Components :

Component Name 1 : OUTER DOOR HANDLE

Component Description : NFC LH

Component Part Number : FM2955100060J

Component Name 2 : OUTER DOOR HANDLE

Component Description : NFC RH

Component Part Number : FM2955100098J

Component Name 3 : OUTER DOOR HANDLE

Component Description : LH

Component Part Number : FM2955100080F

Component Name 4 : OUTER DOOR HANDLE

Component Description : RH

Component Part Number : FM2955100117F

Supplier Identification :

Component Manufacturer

Name : J.P. Chevalier

Address : Chevalier Tech 1 Technology Park
Colindeep Lane London Foreign States NW9 6BX

Country : United Kingdom

Chronology :

- On March 19, 2024, initial meeting with NHTSA
- On March 26, 2024, interim containment action #1 was implemented by the Supplier, involving the creation of Go/No Go gauges for part inspection. The clean point would be applied to the next shipment, noting that none have been made yet.
- On May 17, 2024, interim containment action #2 was initiated by the Supplier, who designed and produced a vehicle checking tool, manufacturing five units which were subsequently shipped to Fisker.

- On May 20, 2024, NHTSA Preliminary Evaluation (PE) response to questions submitted.
- On May 30, 2024, the checking tools from the Supplier were received by Fisker Quality and Service Departments.
- On June 5, 2024, testing tools have been successfully tested and are now prepared for deployment.
- On June 14, 2024, the Fisker Decision Committee (FDC) convened and decided to issue a recall to inspect and replace any defective outer door handles in all affected vehicles. Fisker is not aware of any accidents or injuries related to this issue.

Description of Remedy :

Description of Remedy Program : Inspection Procedure for Side Door Handles Using Supplier Supplied Force Checking Tool

- 1) Inspect all four side door handles on each vehicle using the Supplier supplied force checking tool.
- 2) If any side door handle returns a "Not Okay" result from the checking tool, replace the outer door handle.

Fisker's plan for reimbursement does not apply to all affected vehicles, as these vehicles are new and fall under Fisker's warranty program. Additionally, only Fisker and the supplier of the outer door handles can provide the necessary remedy.

How Remedy Component Differs from Recalled Component : The root cause of the outer door handle issue is attributed to dimensional variation in the handle chassis width, leading to friction during handle deployment and retraction. The proposed corrective actions distinguish the remedy from the recalled outer door handles:

ICA Parts (Immediate Corrective Action for Parts):

A gauge block was introduced to verify the chassis dimension accurately. This step ensures that future parts meet precise specifications, eliminating the dimensional variation causing friction.

ICA Vehicles (Immediate Corrective Action for Vehicles):

A load cell test tool was developed specifically to check each vehicle. This tool verifies that the door handles operate smoothly and without sticking, addressing the issue directly at the vehicle level.

PCA Parts (Permanent Corrective Action for Parts):

Tooling changes are planned to reduce the length of pins in the arm of the handle assembly. This modification aims to prevent future instances of friction and sticking by optimizing the design of the handle mechanism.

These corrective actions collectively aim to resolve the root cause of the issue through precise part verification, immediate vehicle testing, and long-term design optimization.

Identify How/When Recall Condition was Corrected in Production :

The recall condition was corrected in production on March 18, 2024.

Recall Schedule :

Description of Recall Schedule : Estimated Date(s) for Notification to Dealers: 6-17-2024
Estimated Date(s) for Notification to Owners: 8-30-2024

Planned Dealer Notification Date : JUN 20, 2024 - JUN 20, 2024

Planned Owner Notification Date : AUG 30, 2024 - AUG 30, 2024

* NR - Not Reported