



U.S. Department  
of Transportation  
**National  
Highway  
Traffic Safety  
Administration**

## ODI RESUME

OFFICE OF DEFECTS INVESTIGATION

**Investigation:** PE24005

**Prompted By:** VOQ Review

**Date Opened:** 02/14/2024

**Date** 12/06/2024

**Closed:**

**Investigator:** Jayson Winick

**Reviewer:** Peter Kivett

**Approver:** Tanya Topka

**Subject:** Unintended vehicle movement

### MANUFACTURER & PRODUCT INFORMATION

**Manufacturer:** Fisker Group Inc

**Products:** 2023-2024 Fisker Ocean

**Population:** 7,745

**Problem Description:** Failure of transmission to engage the park gear prior to driver exiting vehicle

### FAILURE REPORT SUMMARY

|                              | ODI | Manufacturer | EWR D&I | Other | Total | EWR Field Reports |
|------------------------------|-----|--------------|---------|-------|-------|-------------------|
| <b>All Incidents:</b>        | 2   | 3            | 0       | 55    | 2*    | 0                 |
| <b>Crashes/Fires:</b>        | 0   | 0            | 0       | 0     | 0     | 0                 |
| <b>Injury Incidents:</b>     | 1   | 0            | 0       | 0     | 0     | 0                 |
| <b>Number of Injuries:</b>   | 1   | 0            | 0       | 0     | 0     | 0                 |
| <b>Fatality Incidents:</b>   | 0   | 0            | 0       | 0     | 0     | 0                 |
| <b>Number of Fatalities:</b> | 0   | 0            | 0       | 0     | 0     | 0                 |

**Description of Other:**

Reports unrelated to defect

\*Total eliminates duplicates received by the manufacturer

### ACTION/SUMMARY INFORMATION

**Action:** This (PE) Preliminary Evaluation is closed with recall 24V865.

**Summary:**

On February 14, 2024, the Office of Defects Investigation (ODI) opened PE24005 to investigate reports of unintended vehicle movement in model year (MY) 2023 Fisker Ocean vehicles manufactured by Fisker Group Inc. The complaints allege the inability to shift into the park gear and/or vehicle rollaway.

The investigation found that the subject vehicles contain a logic that prevents the engagement of the park gear when the park gear request is made while the vehicle is still moving at low speeds. In the event the driver requests the park gear prior to the vehicle achieving a complete standstill status, the vehicle rejects the park gear request, displays a visual warning, and shifts into the neutral gear. Therefore, if the driver does not properly restrain the vehicle prior to exiting (i.e., allow the vehicle to come to a complete stop, then provide a second park gear request and/or engage the parking brake), the vehicle is at risk of freely rolling away in neutral.

ODI found that existing strategies to deter drivers from exiting the vehicle after failing to ensure the transmission successfully engages the park gear have not stopped some from doing so. The absence of additional mechanisms to mitigate the effects of driver behavior in failing to ensure the park gear was engaged prior to exiting the vehicle constitutes a defect presenting a risk to motor vehicle safety. ODI is aware of one reported injury due to this safety defect.

On November 15, 2024, Fisker filed recall 24V-865 for all MY 2023-2024 Fisker Ocean vehicles. The recall remedy is the release of software upgrade OS 2.0. This software update provides additional robustness to prevent unintended vehicle movement via two major changes. First, in the event the driver seatbelt is unlatched when the vehicle is traveling at low speeds, logic was added to initiate an automatic, controlled deceleration to bring the vehicle to a standstill. Once standstill status is achieved, the vehicle will automatically engage the park gear and the electronic parking brake. Second, OS 2.0 introduced an "Auto Vehicle Hold" feature, which holds the vehicle in standstill by maintaining friction brake pressure when the driver removes their foot from the brake pedal. This feature prevents the vehicle from rolling under gravity, which therefore helps engage both the park gear and electronic parking brake.

In view of the recall action being taken by Fisker, ODI is closing this Preliminary Evaluation. The agency reserves the right to take additional action if warranted by future circumstances. To review the reports cited in the Closing Resume ODI Report Identification Number document, go to [NHTSA.gov](https://www.nhtsa.gov).