

# Part 573 Safety Recall Report

## 24E-033

**Manufacturer Name :** Dropcases Limited

**Submission Date :** MAY 01, 2024

**NHTSA Recall No. :** 24E-033

**Manufacturer Recall No. :** NR



### Manufacturer Information :

**Manufacturer Name :** Dropcases Limited

**Address :** 2609 Global Gateway Tower  
63 Wing Hong Street Hong Kong 00  
11111

**Company phone :** 55472824

### Population :

**Number of potentially involved :** 1,624

**Estimated percentage with defect :** 70 %

### Equipment Information :

**Brand / Trade 1 :** Lectron

**Model :** Vortex Plug Tesla Supercharger to CCS Adapter 500A / 1,000V

**Part No. :** SKU: LEADPTeslaCCSBL

**Size :** N/A, 7 x 3 x 4 inches

**Function :** Charge adapter

**Descriptive Information :** The adapter enables charging at Tesla Supercharger stations for non-Tesla CCS1 electric vehicles. The issue affects the NACS latching mechanism on certain adapters.

**Production Dates :** MAR 14, 2024 - APR 08, 2024

### Description of Defect :

**Description of the Defect :** Some units feature a latch pin that deviates from the intended design, impacting secure locking of the charger coupler.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** If the adapter does not latch securely, the charger coupler can potentially be forcibly removed by the user without depressing the NACS latch. If the adapter does not securely latch and a user attempts to disconnect it from the charger without releasing the NACS latch and cutting power from the charging station, there is a heightened risk of an electrical event, which could increase the risk of injury.

**Description of the Cause :** A limited number of non-conforming units were shipped to customers due to an error in the supplier's processes.

**Identification of Any Warning that can Occur :** None

Involved Components :

Component Name : Vortex Plug Tesla Supercharger to CCS Adapter

Component Description : NACS latching mechanism

Component Part Number : SKU: LEADPTeslaCCSBLKUS

Supplier Identification :

Component Manufacturer

Name : ShenZhen Topband Co., LTD

Address : Topband Industrial Park, Tangtou  
Shiyan, Bao'an District Shenzhen Foreign States 518108

Country : China

Chronology :

On or about April 17, 2024, Dropcases LTD became aware of a user reporting in an April 15, 2024, YouTube video that they were unable to latch their unit to a Tesla Supercharger. Dropcases LTD immediately contacted the user, requesting the return of the adapter for evaluation. Concurrently, Dropcases LTD initiated an internal investigation and root cause analysis. By on or about the end of April 18, 2024, it was determined that an error in the supplier's processes resulted in a limited number of non-conforming units being shipped to customers, specifically within the first 1,121 units dispatched. Out of an abundance of caution, Dropcases LTD chose to make this report.

Description of Remedy :

- Description of Remedy Program :

At no cost to the customer, Dropcases LTD will replace all units that are the subject of this report. Customers who paid for a pre-notification remedy will be eligible for reimbursement in accordance with Dropcases LTD's forthcoming reimbursement plan.
- How Remedy Component Differs from Recalled Component :

The remedy component is a production adapter featuring a NACS latch pin with a straight edge to prevent the removal of the charging coupler unless the NACS latch is depressed.
- Identify How/When Recall Condition was Corrected in Production :

The recall condition was corrected in production by implementing the correct NACS latch design, both in current and ongoing manufacturing and through updating units built with the incorrect latch design.

**Recall Schedule :**

Description of Recall Schedule : Dropcases LTD will promptly provide notice to its customers and can begin offering the recall remedy effective immediately. Dropcases made direct consumer sales only; no other OEM or distributor notifications are needed.

Planned Dealer Notification Date : MAY 03, 2024 - MAY 03, 2024

Planned Owner Notification Date : MAY 03, 2024 - MAY 03, 2024

**Purchaser Information :**

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : NR

Address : NR

NR

Country : NR

Company Phone : NR

\* NR - Not Reported