



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25V445

Manufacturer Name: Orange EV

Submission Date: Jun 27, 2025

NHTSA Recall No.: 25V445

Manufacturer Recall No.: 2025-SRC-05

Manufacturer Information

Population

Manufacturer Name: Orange EV

Address: 900 N 69th St
Kansas City KS, 66102

Total number of potentially involved: 20

Estimated percentage with defect: 100%

Vehicle Information

Vehicle 1: 2023-2025 ORANGE EV HUSK-E

Product Category: Buses, Medium & Heavy Vehicles

Product Type: Truck

Fuel / Propulsion: Electric Battery Power

Production Dates: Nov 01, 2023 - May 30, 2025

Number of potentially involved: 20

Descriptive Information:

This recall covers the 20 Orange EV HUSK-e Trucks manufactured by Orange EV (11/2023 through 5/30/2025) that received the incorrectly sized washers as part of the recall remedy for NHTSA Recall 25V-367/ 2025-SRC-04.

Defect / Noncompliance Description

Description of the defect or noncompliance:

Orange EV HUSK-es are electric trucks that are primarily used at private shipping yards and terminals, but which may also operate on public roads. The subject vehicles are certain 2023 – 2025 Orange EV HUSK-es that were repaired under NHTSA Recall 25V-367/OEV Recall 2025-SRC-04 with an incorrectly sized washer in the thermal fuse bolted joint.

FMVSS1:

FMVSS2:

Description of the safety risk, including crash, fire, death, injury:

An incorrectly sized washer used in the thermal fuse bolted joint may lead to a loose or open bus bar

Part 573 Safety Recall Report

25V445

connection which could result in electrical arcing, increasing the risk of a thermal event or fire.

Description of the cause:

Identification of any warning that can occur:

The driver may notice popping noises, smell burning, see smoke, or observe flames.

Component Manufacturer

Tier of Supplier:

Supplier Type:

Name: N/A

Address:

Country:

Involved Components

Component Name 1: Washer

Component Description: WasherFlat_DIN125_M8_SS_XX

Component Part Number: 11-001-00121-N

Chronology

June 2025

On June 2, 2025, OEV submitted a Defect Information Report and launched the remedy campaign for NHTSA Recall 25V-367/ 2025-SRC-04. The recall is intended to address an inadequate thermal fuse in the high-voltage short-circuit protection system, affecting 47 HUSK-e trucks. The remedy was the installation of an adequate electromechanical fuse. The same remedy used for the vehicles in the field was also implemented in the production line for unbuilt trucks.

On June 23, 2025, it was discovered during production that the washer used in the bolted joint to attach the bus bar in the upper battery box to the thermal fuse was incorrectly sized. The issue was elevated for further investigation.

On June 24, 2025, OEV confirmed that the washer was, in fact, incorrectly sized and could result in the fastener loosening, leading to a loose or open bus bar connection. OEV also confirmed that 20 affected trucks up to this point had received the incorrectly sized washers as part of the recall remedy. Part kits for the recall were immediately quarantined as well as trucks at the OEV facility that had the washer installed. A correctly sized washer was identified and sourced and put into production on June 25, 2025.

Part 573 Safety Recall Report

25V445

Based on the events and results of the investigations above, on June 25, 2025, Orange EV has decided to conduct a recall to address this issue.

As of June 25, 2025, there have been no warranty claims potentially related to this issue. Orange EV has not received any additional external reports or complaints about this issue. At this time, Orange EV is not aware of any crashes, injuries or fatalities related to this condition.

Related NHTSA Recall Number: 25V367

Description of Remedy

Remedy Type: Repair

Consumer Advisories: ☐ Do Not Drive ☐ Park Outside

Description of remedy program:

Orange EV will notify all known owners of subject vehicles by first-class mail to contact Orange EV Field Service to schedule the installation of the correctly sized washer.

How remedy component differs from recalled component:

The remedy washer is wider and thicker.

Identify how/when recall condition was corrected in production:

The correctly sized washer has been implemented in production as of June 25, 2025. There have been no trucks manufactured with the incorrectly sized washer.

Reimbursement Plan

Description of reimbursement program:

There is no pre-notification reimbursement needed as all trucks are under warranty.

Period of reimbursement:

Costs to be reimbursed:

Address for reimbursement claims:

Recall Schedule

Description of recall schedule:

Part 573 Safety Recall Report**25V445**

Notifications to known owners of the affected vehicles will occur by July 2, 2025. A copy of the draft owner notification will be submitted as soon as it is available.

Planned Dealer Notification Date:

☒ No Dealers

Planned Interim Owner Notification Date:

☐ No Owners

Planned Remedy Owner Notification Date: Jul 09, 2025 - Jul 11, 2025

☐ Phased Recall

Date when VIN will be searchable: