



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25V328

Manufacturer Name: Orange EV

Submission Date: May 20, 2025

NHTSA Recall No.: 25V328

Manufacturer Recall No.: 2025-SRC-03

Manufacturer Information

Population

Manufacturer Name: Orange EV

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

Total number of potentially involved: 301

Estimated percentage with defect: 100%

Vehicle Information

Vehicle 1: 2017-2023 ORANGE EV T-SERIES ELECTRIC TRUCK

Product Category: Buses, Medium & Heavy Vehicles

Product Type:

Fuel / Propulsion: Electric Battery Power

Production Dates: Apr 03, 2017 - Dec 31, 2023

Number of potentially involved: 150

Descriptive Information:

This recall covers all Orange EV T-Series Electric Trucks manufactured with an optional pintle hook.

Vehicle 2: 2023-2025 ORANGE EV E-TRIEVER

Product Category: Buses, Medium & Heavy Vehicles

Product Type:

Fuel / Propulsion: Electric Battery Power

Production Dates: Aug 01, 2023 - Nov 27, 2024

Number of potentially involved: 150

Descriptive Information:

This recall covers all Orange EV e-TRIEVER Trucks manufactured with an optional pintle hook.

Vehicle 3: 2024-2024 ORANGE EV HUSK-E

Product Category: Buses, Medium & Heavy Vehicles

Part 573 Safety Recall Report

25V328

Product Type:
Fuel / Propulsion: Electric Battery Power

Production Dates: Apr 23, 2024 - Apr 29, 2024

Number of potentially involved: 1

Descriptive Information:

This recall covers all Orange EV HUSK-e Trucks manufactured with an optional pintle hook.

Defect / Noncompliance Description

Description of the defect or noncompliance:

Orange EV has decided that certain 2017-2024 T—Series Pure Electric Terminal Trucks, 2023-2025 e-TRIEVERS, and 2024 HUSK-es built with an optional Pintle hook do not meet the FMVSS 108 S7.6.7 visibility requirements of installed back lamps. The optionally installed pintle hooks on affected vehicles create a slight obstruction of the optical center of the backup light when tested rearward of the truck.

FMVSS1: 108 - Lamps, reflective devices, and assoc. Equipment

FMVSS2:
Description of the safety risk, including crash, fire, death, injury:

If the optional pintle hook obstructs the backup lights, it may be more difficult for surrounding vehicles to observe the driver's intention to move in reverse, increasing the risk of a crash.

Description of the cause:

Orange EV did not properly conduct a visibility assessment after offering pintle hooks as an option.

Identification of any warning that can occur:

Component Manufacturer

Tier of Supplier:
Supplier Type:
Name:
Address:
Country:

Part 573 Safety Recall Report

25V328

Involved Components

Component Name 1: Pintle Hook

Component Description: A heavy-duty hook and jawed lock that attaches to the vehicle and closes around a ring on the trailer called the lunette ring

Component Part Number:

Chronology

July 9, 2024

During the design review of a potential future truck, Orange EV (OEV) Regulatory Compliance was requested to confirm that the FMVSS 108 lighting requirements for on road use were going to be met.

July 10 - August 15, 2024

Regulatory Compliance conducted a review of FMVSS 108 to verify all items that are applicable to OEV trucks.

October 9 – November 7, 2024

October 9, 2024 - The OEV Engineering Test team began conducting the required testing per FMVSS 108 to certify compliance with standards.

October 16, 2024 - During the visibility testing of Backup Lamps of the affected trucks with an optionally installed Pintle hook, it was identified that the optical center of the backup lamp is blocked by the pintle hook.

October 17 – November 7, 2024 – OEV finished testing for all other lighting requirements, finalized their report, and provided a comprehensive test report analysis to Regulatory Compliance.

November 8 – December 12, 2024

OEV Compliance conducted a review and verification of test findings against any potential historically documented guidance/exceptions/exemptions.

December 12, 2024

OEV determined that affected trucks with an optional pintle hook installed do not conform to FMVSS 108.

Orange EV halted delivery of new trucks with optional pintle hooks until a remedy could be determined.

January 22, 2025

Pursuant to 49 CFR 556, Orange EV filed a petition for an exemption from recall requirements on the basis that this noncompliance is inconsequential as it relates to motor vehicle safety. The original NHTSA ID was 24V961

May 12, 2025

Orange EV received notice from NHTSA rejecting the petition submitted on January 22, 2025 and as directed, is submitting a new Noncompliance Information Report.

Part 573 Safety Recall Report

25V328**Related NHTSA Recall Number:**

Description of Remedy

Remedy Type: Replace**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 replacement of the passenger rear taillamp with a multifunction lamp that provides an additional reverse lamp function.

How remedy component differs from recalled component:

Vehicles with the remedy component will have installed a multifunction lamp that provides an additional reverse lamp function so that there is no obstruction to the optional pintle hook.

Identify how/when recall condition was corrected in production:

OEV implemented a solution to eliminate obstruction of the backup lamp's optical center when an optional pintle hook is installed in vehicles delivered beginning December 17, 2024.

Reimbursement Plan

Description of reimbursement program:

Vehicle owners who have previously paid for repairs prior to receiving notification of the recall are instructed to contact Orange EV directly to submit a claim for reimbursement.

Period of reimbursement:**Costs to be reimbursed:****Address for reimbursement claims:**

Recall Schedule

Description of recall schedule:

Notifications to known owners of the affected vehicles will occur by July 11, 2025. A copy of the draft owner notification will be submitted as soon as it is available. Vehicle owners who have previously paid for repairs prior to receiving notification of the recall are instructed to contact Orange EV directly to submit a claim for reimbursement.

Part 573 Safety Recall Report**25V328****Planned Dealer Notification Date:**☒ No Dealers**Planned Interim Owner Notification Date:**☐ No Owners**Planned Remedy Owner Notification Date:** Jun 30, 2025 - Jul 11, 2025☐ Phased Recall**Date when VIN will be searchable:**