



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

26V453

Manufacturer Name: Orange EV

Submission Date: Jul 15, 2026

NHTSA Recall No.: 26V453

Manufacturer Recall No.: 2026-SRC-02

Manufacturer Information

Population

Manufacturer Name: Orange EV

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

Total number of potentially involved: 24

Estimated percentage with defect: 100%

Vehicle Information

Vehicle 1: 2023-2024 ORANGE EV E-TRIEVER

Product Category: Buses, Medium & Heavy Vehicles

Product Type: Truck

Fuel / Propulsion: Electric Battery Power

Production Dates: Sep 12, 2023 - Oct 16, 2024

Number of potentially involved: 2

Descriptive Information:

This recall covers all Orange EV e-TRIEVER Tandem Terminal Trucks manufactured with Kalmar 141" frames. There are 2 trucks affected.

Vehicle 2: 2020-2023 ORANGE EV T-SERIES ELECTRIC TRUCK

Product Category: Buses, Medium & Heavy Vehicles

Product Type: Truck

Fuel / Propulsion: Electric Battery Power

Production Dates: Sep 05, 2020 - May 11, 2023

Number of potentially involved: 4

Descriptive Information:

This recall covers all Orange EV T-Series Tandem Terminal Trucks manufactured with Kalmar 141" frames. There are 4 trucks affected.

Vehicle 3: 2024-2026 Orange EV HUSK-e

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26V453**Product Category:** Buses, Medium & Heavy Vehicles**Product Type:** Truck**Fuel / Propulsion:** Electric Battery Power**Production Dates:** Sep 23, 2024 - Dec 05, 2025**Number of potentially involved:** 18**Descriptive Information:**

This recall covers all Orange EV HUSK-e Tandem Terminal Trucks manufactured with Kalmar 141" frames. There are 18 trucks affected.

Defect / Noncompliance Description

Description of the defect or noncompliance:

Due to improper welding, certain MY 2024 – MY 2026 HUSK-e Tandem Terminal Trucks, MY 2020 – MY 2023 T-Series Tandem Terminal Trucks, and MY 2023 – MY 2024 e-TRIEVER Tandem Terminal Trucks manufactured with Kalmar 141" frames may exhibit cracking on the frame rails during normal operation.

FMVSS1:**FMVSS2:****Description of the safety risk, including crash, fire, death, injury:**

If fatigue cracks that have developed in the frame are not addressed and continue to propagate, this could lead to separation of the frame rails, creating an increased risk of loss of vehicle control and potential injury. The extent of propagation will depend on the loading cycle for the particular vehicle.

Description of the cause:

The frame-side flange welds were terminated abruptly, creating high stress concentrations at the weld ends. These stress risers initiated fatigue cracks, which can propagate under cyclic loading.

Identification of any warning that can occur:

Operators may experience creaking, clunking, or popping noises heard while braking, turning, or going over bumps.

Component Manufacturer

Tier of Supplier: Tier 1**Supplier Type:** OEM**Name:** Kalmar USA

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Address: 415 E Dundee St
Ottawa KS, 66067

Country: United States

Involved Components

Component Name 1: 141" Tandem Frame

Component Description: 141" Tandem Kalmar Frame (Supplier PN# FR1842)

Component Part Number: 20-020-00001-N

Chronology

On 6/15/2026, Orange EV (OEV) received a customer complaint which stated in full "Frame is cracked on both sides just before the first rear axle." The following day, an OEV Field Service Technician inspected the vehicle and verified the customer's report. Subsequently, the OEV technician inspected an additional vehicle at the same customer's site and confirmed that it exhibited cracks on both sides of the frame. In late June 2026, OEV technicians identified similar cracking on the driver-side frame rails on vehicles at a different customer site. OEV launched an investigation and in early July 2026, identified that the frame-side flange welds were terminated abruptly, creating high stress concentrations at the weld ends. Each of the vehicles in the field where cracking was observed were equipped with a 141" Kalmar Tandem frame. On July 7, 2026, OEV decided to initiate a safety recall to address this issue. OEV is not aware of any reports of crashes or injuries related to this issue and has received 4 warranty claims potentially related to this issue.

Related NHTSA Recall Number:

Description of Remedy

Remedy Type:

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 inspect their trucks daily for the presence of visible cracks. If cracks are observed, customers are advised to discontinue use of their truck until it can be remedied. If the crack is repairable, OEV will repair the frame. If the frame is not repairable, OEV will replace the frame.

How remedy component differs from recalled component:

The remedy frame will be repaired or replaced to prevent fatigue cracks due to insufficient welding at the frame side flanges.

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26V453**Identify how/when recall condition was corrected in production:**

Tandem Trucks manufactured after 12/5/2026 are built with a different frame that is not subject to the same welding concerns.

Reimbursement Plan

Manufacturer used general reimbursement plan on file.

Recall Schedule

Description of recall schedule:

Notifications to known owners of the affected vehicles will occur by July 22, 2026.

Planned Dealer Notification Date:☒ No Dealers**Planned Interim Owner Notification Date:**☐ No Owners**Planned Remedy Owner Notification Date:** Jul 22, 2026 - Jul 29, 2026☐ Phased Recall**Date when VIN will be searchable:**