



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25V571

Manufacturer Name: Orange EV

Submission Date: Sep 03, 2025

NHTSA Recall No.: 25V571

Manufacturer Recall No.: 2025-SRC-06

Manufacturer Information

Population

Manufacturer Name: Orange EV

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

Total number of potentially involved: 16

Estimated percentage with defect: 100%

Vehicle Information

Vehicle 1: 2024-2025 ORANGE EV HUSK-E TANDEM

Product Category:

Product Type:

Fuel / Propulsion: Electric Battery Power

Production Dates: Sep 01, 2024 - Aug 29, 2025

Number of potentially involved: 16

Descriptive Information:

This recall covers all manufactured Orange EV HUSK-e Tandem Terminal Trucks manufactured from the start of production in 9/2024 – 8/2025. Orange EV HUSK-E Tandem trucks are equipped with two rear axles mounted to a walking beam suspension.

Defect / Noncompliance Description

Description of the defect or noncompliance:

Due to a vehicle design issue, the driveshaft on the subject vehicle may make contact with the passenger side brake chamber or brake chamber bracket of the non-drive axle of the walking beam suspension.

FMVSS1:

FMVSS2:

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

If the driveshaft makes contact with other vehicle components, it can damage those components and

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could potentially lead to a reduction of brake functionality and unexpected activation of the emergency braking system, all of which can increase the risk of a crash .

Description of the cause:

Identification of any warning that can occur:

The operator of the truck may observe clunking or rubbing sounds while turning the truck. The operator can observe rub marks on the driveshaft, brake chamber, or brake chamber bracket during vehicle inspections. At the first indication of rubbing, the Operator should stop using the truck.

Component Manufacturer

Tier of Supplier:

Supplier Type:

Name: Drive Products USA Inc.

Address:

Country:

Involved Components

Component Name 1: Driveshaft_6x2_SRA

Component Description: Driveshaft

Component Part Number: 69-004-00058-n

Chronology

On April 21, 2025, during servicing of two trucks at a customer's site, an OEV technician observed signs of rubbing or contact between the driveshaft and brake chamber and/or brake chamber mount. Since no other reports of this condition occurred, it was assumed at the time that this was a site-specific issue, and OEV initiated an investigation into the contact on these two vehicles. Testing was initiated in May 2025. While the issue was initially unable to be replicated, in late May, testing replicated a condition that allowed for contact between the driveshaft and brake camber mount. Further analysis was conducted beginning in June 2025 on the movement of the walking beam suspension observed during testing and its potential connection to the observations of driveshaft contact previously made by OEV, including analysis of the dimensions of the driveshaft to understand whether it contributed to or had any potential effect on the signs of contact observed in the field. In the interim, during routine vehicle service, OEV observed additional vehicles that exhibited signs of contact, such as rub marks. In August 2025, OEV proactively began inspecting other Trucks in the field, which showed varying indications of driveline contact. On August 29, 2025, OEV decided to conduct a recall to address the issue. OEV is

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aware of eight reports of vehicles with signs of potential contact from the driveline, but no reports of any vehicles experiencing reduction or loss of service brakes, and no accidents or injuries.

Related NHTSA Recall Number:

Description of Remedy

Remedy Type: Inspect, Repair, 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 driveshaft and affected brake chamber structure components if necessary. Owners will also be instructed to stop using their trucks at the first signs of driveshaft rubbing.

How remedy component differs from recalled component:

The remedy drive shaft is a 3.25-inch driveshaft, whereas the recalled drive shaft is a 4.00-inch driveshaft.

Identify how/when recall condition was corrected in production:

All HUSK-e Tandems produced after September 1, 2025, use the 3.25-inch driveshaft.

Reimbursement Plan

Description of reimbursement program:

There will be no reimbursement plan as all trucks are still fully covered under the standard warranty.

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 Sept 19, 2025. A copy of the draft

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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: Sep 19, 2025 - Sep 26, 2025 Phased Recall

Date when VIN will be searchable: