

Part 573 Safety Recall Report

24V-800

Manufacturer Name : Orange EV
Submission Date : NOV 15, 2024
NHTSA Recall No. : 24V-800
Manufacturer Recall No. : 2024-SRC-01

**Manufacturer Information :**

Manufacturer Name : Orange EV
Address : 900 N 69th St
 Kansas City KS 66102
Company phone : 2141072

Population :

Number of potentially involved : 1,334
Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2023-2024 Orange EV e-TRIEVER
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES
Body Style : OTHER
Power Train : NR

Descriptive Information : This recall covers Orange EV e-TRIEVER electric terminal trucks produced through October 24, 2024

Production Dates : JAN 01, 2023 - OCT 24, 2024

VIN Range 1 : Begin : NR **End :** NR Not sequential

Vehicle 2 : 2017-2024 Orange EV T-Series Pure Electric Terminal Truck
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES
Body Style : OTHER
Power Train : NR

Descriptive Information : This recall covers all manufactured Orange EV T-Series Pure Electric Terminal Trucks.

Production Dates : APR 01, 2017 - APR 01, 2024

VIN Range 1 : Begin : NR **End :** NR Not sequential

Description of Defect :

Description of the Defect : This problem involves certain misinformation for the maintenance and servicing of the subject vehicles. The Emergency Response Guide (“ERG”), operator, maintenance, and service manuals (the “Manuals”) for the subject vehicles contain High Voltage System disablement instructions that misdirects the reader to press the Emergency Stop button in the vehicle cab in order to shut off and lockout the high voltage system for the vehicle. In fact, when the Emergency Stop button is pushed, in the event that the negative high voltage battery contactor welds closed, the high voltage circuit between all battery boxes remains active unbeknownst to the person pressing the Emergency Stop button if that person lacks further instruction. In order to shut off the system successfully and to confirm an absence of high voltage, a qualified technician with high voltage safety training and the appropriate high voltage personal protective equipment needs to access and disconnect live high voltage cable terminals inside of a sealed box. It is this additional maintenance and repair information that must be added to the subject manuals for them to be accurate.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In the absence of this information, this incomplete High Voltage System Emergency Stop button instructions may increase the risk of shock or electrocution to any person needing to service the vehicle and emergency first responders when attempting to disable the high voltage system of the vehicle.

Description of the Cause : NR

Identification of Any Warning
that can Occur : NR**Involved Components :**

Component Name 1 : Emergency Response Guide (“ERG”)

Component Description : NR

Component Part Number : NR

Component Name 2 : Operator Manual

Component Description : NR

Component Part Number : NR

Component Name 3 : Maintenance Manual

Component Description : NR

Component Part Number : NR

Component Name 4 : Service Manual

Component Description : NR

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

Please see the attached Part 573 Defect Information Report for the full chronology.

Description of Remedy :

Description of Remedy Program : All known owners of the subject vehicles will be provided with corrected Manuals eliminating all incomplete high voltage system disablement and lockout information. Additionally, a warning stating, "The High Voltage System on this vehicle is NOT capable of being LOCKED OUT. Always assume the high voltage system is energized. Do not touch any high voltage cables or components", will be added to each document.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : Notifications to owners of the affected vehicles will occur by December 20, 2024. A copy of the draft owner notification will be submitted as soon as it is available. Orange EV Service was notified on October 31, 2024.

Planned Dealer Notification Date : OCT 31, 2024 - OCT 31, 2024

Planned Owner Notification Date : DEC 06, 2024 - DEC 20, 2024

* NR - Not Reported