

Part 573 Safety Recall Report

22V-790

Manufacturer Name : Orange EV**Submission Date :** JAN 03, 2023**NHTSA Recall No. :** 22V-790**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Orange EV

Address : 5710 NW 41st St., Ste. 300
Riverside MO 64150

Company phone : 2141072

Population :

Number of potentially involved : 106

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2022-2022 Orange EV e-Triever

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : NR

Descriptive Information : Slack adjuster anchor pin mounting nut was not properly torqued by neither the component manufacturer nor Orange EV. OEV has remedied 71 trucks as part of the evaluation process and there remain 35 trucks to check/perform corrective action(s).

Production Dates : APR 30, 2022 - OCT 07, 2022

VIN Range 1 : Begin : 1Z9TA8EA0NR530008 End : 1Z9TA8EA4NR530142 ☒ Not sequential**Description of Defect :**

Description of the Defect : the parking brake slack adjuster anchor pin mounting nut was not properly torqued by neither the component manufacturer nor Orange EV.

FMVSS 1 : 105 - Hydraulic and electric brake systems

FMVSS 2 : NR

Description of the Safety Risk : Potential degradation and failure of the efficacy of the parking brake.

Description of the Cause : the nut were not properly torqued by either the axle OEM or OEV personnel

Identification of Any Warning : None
that can Occur :

Involved Components :

Component Name 1 : Slack Adjuster

Component Description : It controls the slack on the parking brake line

Component Part Number : AB0402B0-3

Supplier Identification :

Component Manufacturer

Name : FUWA

Address : No. 1 Santai Road North
Taishan City, Guangdong Foreign States 529200 P.

Country : China

Chronology :

August 2022 customer reported parking brake not holding.

Multiple rounds of adjustments and additional not holding reports resulted in replacement of slack adjusters which also loosened.

On 10/5 we discovered that the anchor stud was missing a nut and allowing the anchor pin to float freely.

Correction of this issue on 10/5 resulted in slack adjuster setting holding as expected.

More installed trucks in the field were evaluated (and the nuts torqued) to determine if this was a unique, owner created issue. The discovery of more affected trucks resulted in a determination that the issue needed official corrective action. All corrective action was performed at no cost to customer

Description of Remedy :

Description of Remedy Program : OEV service techs will contact customers and go to customer site to tighten or replace the Slack nut.

How Remedy Component Differs from Recalled Component : No difference other than Correctly tightened

Identify How/When Recall Condition was Corrected in Production : After discovery, the corrective action of torquing the nut were determined as the appropriate production action.

Recall Schedule :

Description of Recall Schedule : OEV has performed all corrective actions prior to the 60 day window elapsing

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : DEC 19, 2022 - FEB 19, 2023

* NR - Not Reported