

# Part 573 Safety Recall Report

## 24V-501

**Manufacturer Name :** E-One Incorporated

**Submission Date :** JUL 12, 2024

**NHTSA Recall No. :** 24V-501

**Manufacturer Recall No. :** NR



### Manufacturer Information :

**Manufacturer Name :** E-One Incorporated

**Address :** 1601 S.W. 37TH AVENUE

Ocala FL 34474

**Company phone :** (904) 237-1122

### Population :

**Number of potentially involved :** 3

**Estimated percentage with defect :** 100 %

### Vehicle Information :

**Vehicle 1 :** 2024-2024 E-ONE CYCLONE N, TYPHOON N

**Vehicle Type :** BUSES, MEDIUM & HEAVY VEHICLES

**Body Style :** OTHER

**Power Train :** DIESEL

**Descriptive Information :** This recall is for bolts used in an independent front suspension (IFS) assembly supplied by Reyco Granning (Supplier). The recall is based on information provided by the Supplier. The Supplier provided part numbers, serial numbers and date range of product affected. Spartan and E-One pulled a population by the part numbers, date range and serial numbers of product issued to determine the affected list. The chassis cab and emergency response vehicles affected by this recall are equipped with 20K, 22K and 24K IFS.

**QTY:** 1 – 2024 CYCLONE N vehicle is affected.

**Production Dates :** JAN 30, 2024 - JUN 13, 2024

**VIN Range 1 : Begin :** 4EN6AAA88R1005486 **End :** 4ENLAHA89R1007310 ☐ Not sequential

### Description of Defect :

**Description of the Defect :** The independent front suspension (IFS) assembly was built with four bolts that may exhibit hydrogen embrittlement. There is a resulting potential for the heads of these bolts to pop off during alignment or retorquing procedures. This may result in separation of the fastener head at a high velocity which could cause injury to any persons in the vicinity when the separation occurs.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** In the event where the defect results in a failure of the bolt and separation of the fastener head from the main bolt body occurs, there is an increased risk of personal injury.

Description of the Cause : Bolts were stripped of their original coating and re-plated with zinc, resulting in hydrogen embrittlement of the bolts.

Identification of Any Warning that can Occur : There is no warning that will precede the failure.

Involved Components :

Component Name 1 : IFS Bolt, 24K

Component Description : Independent Front Suspension Bolt

Component Part Number : 1170-DD1-XXXXXX

Component Name 2 : IFS Bolt, 20K

Component Description : Independent Front Suspension Bolt

Component Part Number : 1180-DD1-XXXXXX

Supplier Identification :

Component Manufacturer

Name : Reyco Granning

Address : 1205 Industrial Park Drive  
Mt. Vernon Missouri 65712

Country : United States

Chronology :

- June 21, 2024 – E-ONE was informed of the Recall by Spartan.
- June 24, 2024 – E-ONE determined the population of the affected units based on the serial numbers provided by Reyco.
- June 24, 2024 – E-ONE escalated the issue to REV Group Management.
- June 27, 2024 – E-ONE repaired two trucks at a Dealer and one truck in E-ONE Production.
- June 28, 2024 – REV’s senior leadership approved a voluntary recall for this issue.

Description of Remedy :

Description of Remedy Program :	<p>The affected vehicles will have the eccentric bolt replaced with a Grade 9 Lawson bolt. This will be covered under the normal warranty process. The repair will take approximately two (2) hours to complete.</p> <p>E-ONE will provide the necessary components free of charge. E-ONE will compensate the Dealer or Owner for installing the new components provided free of charge. There is no charge to the Dealer or the Owner for this Recall.</p>
How Remedy Component Differs from Recalled Component :	<p>Remedy component will be a kit provided by the supplier that includes a Grade 9 Lawson bolt with an L marked on the head.</p>
Identify How/When Recall Condition was Corrected in Production :	<p>Supplier quarantined suspect bolts in production on April 23, 2024. Supplier provided serial number list of suspect products on June 21, 2024 and E-ONE issued stop ship in Production and at Dealers on June 24, 2024.</p> <p>E-ONE to begin owner notifications by week of August 5, 2024.</p>

Recall Schedule :

Description of Recall Schedule :	<p>1) Email dealers a copy of the Recall approximately 1 week before customers.</p> <p>2) Mail customers the Recall</p>
Planned Dealer Notification Date :	<p>JUL 15, 2024 - JUL 31, 2024</p>
Planned Owner Notification Date :	<p>AUG 05, 2024 - AUG 15, 2024</p>

\* NR - Not Reported