

Part 573 Safety Recall Report

18V-423

Manufacturer Name : E-One Incorporated**Submission Date :** JUN 21, 2018**NHTSA Recall No. :** 18V-423**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 : 8

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2016-2017 E-ONE Cyclone 2 - SP10

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The affected vehicles are those with the 100 foot steel rear mount platform aerial device.

Production Dates : AUG 26, 2016 - OCT 16, 2017

VIN Range 1 : Begin : 4ENLABA89G1009990 End : 4ENLABA81H1001092 Not sequential**Description of Defect :**

Description of the Defect : E-ONE has determined through Finite Element Analysis that under certain duty cycles, the movement of the bucket on the aerial ladder, relative to the movement of the vehicle, can create cyclic stress in certain locations that could potentially cause stress fractures over the extended life of the vehicle.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Over time, fatigue cracks at the attachment points in some tubular members can occur compromising the structural integrity of the aerial device.

Description of the Cause : Certain over the road duty cycles may produce amplified cyclic loads on the aerial structure.

Identification of Any Warning that can Occur : Cracks may be detected during visual inspection.

Supplier Identification :

Component Manufacturer

Name : E-ONE
Address : 1601 SW 37th Avenue
Ocala FLORIDA 34474
Country : United States

Chronology :

After receiving subjective feedback from users about the movement of the platform on certain road profiles, an engineering investigation was conducted including accelerometer testing, Finite Element Analysis and verification, between the period of January 2018 and May 2018. The result of this investigation indicated long-term durability concerns. Based on these results, on 18 June 2018, it was determined to conduct a recall.

Description of Remedy :

Description of Remedy Program : The affected vehicles will be returned to E-ONE to have the ladder sections repaired or replaced. The components and labor are provided free of charge. The repairs will take approximately 2 weeks.

How Remedy Component Differs from Recalled Component : Rear Mount 100' Steel Platform model SP10. Added structural reinforcements will be visible in the affected areas.

Identify How/When Recall Condition was Corrected in Production : Applicable changes will be implemented on all future production.

Recall Schedule :

Description of Recall Schedule : 1) Email dealers a copy of the recall approximately 1 week before customers.
2) Mail customers the recall

Planned Dealer Notification Date : JUL 13, 2018 - JUL 20, 2018

Planned Owner Notification Date : JUL 27, 2018 - AUG 03, 2018

* NR - Not Reported