

Part 573 Safety Recall Report

18V-747

Manufacturer Name : E-One Incorporated**Submission Date :** OCT 22, 2018**NHTSA Recall No. :** 18V-747**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 : 86

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2012-2015 E-ONE Cyclone 2 Aerial, Industrial, EMAX, Pumper, Tanker; Cyclone 3 Aerial, EMAX, Tanker; Typhoon Aerial, EMAX, Pumper, Tanker, Rescue, Traditional Aerial, Traditional Pumper

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Trucks were identified via part number of the relay used in defective assembly. This relay was specific to these trucks only.

Affected Vehicle Types and Quantities:

15 Cyclone 2 Aerial

2 Cyclone 3 Aerial

8 Typhoon Aerial

2 Cyclone 2 Industrial

2 Cyclone 2 EMAX

1 Cyclone 3 EMAX

4 Typhoon EMAX

14 Cyclone 2 Pumper

25 Typhoon Pumper

4 Cyclone 2 Tanker

1 Cyclone 3 Tanker

2 Typhoon Tanker

1 Typhoon Rescue

1 Typhoon Traditional Aerial

4 Typhoon Traditional Pumper

Production Dates : OCT 01, 2012 - OCT 30, 2015

VIN Range 1 : Begin : 4EN3AAA81C1007445 End : 4ENLAAA86E1008707

 Not sequential

Description of Defect :

Description of the Defect : E-ONE has determined through electrical circuit analysis that under certain abnormally heavy current draw situations in the HVAC system, a relay could degrade.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Overtime the degradation could progress to a point that would result in the melting of the relay housing usually preceded by a burning smell.

Description of the Cause : Abnormally high current present at the relay supplying power to certain HVAC components.

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

Supplier Identification :

Component Manufacturer

Name : E-ONE, INC.

Address : 1601 SW 37th Avenue
Ocala FLORIDA 34474

Country : United States

Chronology :

In September 2018, E-ONE was informed by a customer that a relay associated with the HVAC system had melted. Between September 2018 and October 2018, electrical analysis was done on the circuit and associated components. Determination was made through this analysis that a relay in the circuit was undersized.

Description of Remedy :

Description of Remedy Program : E-ONE will be shipping a new relay assembly and instruction on how to replace the existing relay for all affected trucks.

How Remedy Component Differs from Recalled Component : The replacement relay assembly will be capable of carrying the proper amount of current that the circuit is fused for.

Identify How/When Recall Condition was Corrected in Production : The design utilized in these vehicles was changed during an electrical system upgrade.

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 : NOV 15, 2018 - DEC 15, 2018

Planned Owner Notification Date : NOV 15, 2018 - DEC 15, 2018

* NR - Not Reported