

Part 573 Safety Recall Report

22V-852

Manufacturer Name : E-One Incorporated**Submission Date :** NOV 18, 2022**NHTSA Recall No. :** 22V-852**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 : 2019-2021 E-ONE Cyclone 2, Typhoon N

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The recall population was determined by the assembly part number of the exhaust system structured to the truck.
The recalled products differ from other products by the assembly part number of the exhaust system.

QTY: 3 – 2019 Cyclone 2 vehicles are affected

QTY: 2 – 2020 Cyclone 2 vehicles are affected

QTY: 1 – 2021 Cyclone 2 vehicle are affected

QTY: 1 – 2020 Typhoon N vehicle are affected

QTY: 1 – 2021 Typhoon N vehicle are affected

Production Dates : JUL 31, 2019 - DEC 28, 2021

VIN Range 1 : Begin : 4ENLABA81L1002431 End : 4ENLABA87M1003276 Not sequential**Description of Defect :**

Description of the Defect : The design of the body on the subject trucks could allow the exhaust heat to be contained during periods of heavy use.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Thermally sensitive components may become deformed, melt or catch fire.

Description of the Cause : Excessive heat is contained in or around the exhaust stack because it is enclosed in the body with no ventilation.

Identification of Any Warning that can Occur : Melted wire loom and/or discolorations/distortions on plastic tanks may precede the failure.

Involved Components :

Component Name 1 : VERTICAL EXHAUST VENT PLATE

Component Description : VERTICAL EXHAUST VENT PLATE

Component Part Number : 1134581

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

In late August, E-ONE had a custom aerial in the test process that was required to repeat the same tests multiple times. Near the end of these repeated tests (8+ hours of essentially full engine load) it was identified that a few plastic type items experienced thermal softening effect. An investigation at the testing site concluded that we needed to reject more of the heat created by the exhaust assembly. Due to the custom nature of the product, research was done to determine how many trucks might be affected with similar designs. Thirteen (13) units were identified.

On 9/15/2022 the issue was presented to the E-ONE Product Performance Committee. The committee decided that to understand if this was unusual event, or not, three subject trucks would be inspected in the field to see if they had any thermal softening of components. During inspections no affected assemblies were found.

On 10/13/2022 the results of the field units were discussed with the E-ONE Product Performance Committee. It was determined to add the vent to related vehicles out of an abundance of caution.

On 11/15/2022 REV Group gave approval to proceed with the Recall.

Description of Remedy :

Description of Remedy Program : An opening will be added to the body top to let the heat out and a protective grate will be added over the opening. The repair will take approximately two (2) hours.

E-ONE will provide the necessary components free of charge. E-ONE will compensate the Dealer or Owner for installing the new components. There is no charge to the Dealer or the Owner for this Recall.

How Remedy Component Differs from Recalled Component : The diamond plate cavity cover, above the exhaust, has a vented opening. The pattern is added to each custom vehicle. P/N 1134581 will be used for retrofitting purposes.

Identify How/When Recall Condition was Corrected in Production : Vents we added to production vehicles starting August 30th, 2022

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 28, 2022 - DEC 02, 2022

Planned Owner Notification Date : DEC 05, 2022 - DEC 19, 2022

* NR - Not Reported