

Part 573 Safety Recall Report

21V-332

Manufacturer Name : E-One Incorporated**Submission Date :** AUG 26, 2021**NHTSA Recall No. :** 21V-332**Manufacturer Recall No. :** NR**Manufacturer Information :****Population :****Manufacturer Name :** E-One Incorporated**Number of potentially involved :** 915**Address :** 1601 S.W. 37TH AVENUE**Estimated percentage with defect :** 1 %**Ocala FL 34474****Company phone :** (904) 237-1122**Vehicle Information :****Vehicle 1 :** 2017-2021 E-ONE CYCLONE 2, CYCLONE N, QUEST 2, TYPHOON , TYPHOON N**Vehicle Type :** BUSES, MEDIUM & HEAVY VEHICLES**Body Style :** OTHER**Power Train :** DIESEL**Descriptive Information :** The recall population was determined by the engine production dates provided by Cummins Inc.

The recalled products differ from other products by the production date.

QTY: 8 – 2017 CYCLONE 2 vehicles are affected

QTY: 67 – 2017 TYPHOON vehicles are affected

QTY: 24 – 2018 CYCLONE 2 vehicles are affected

QTY: 6 – 2018 QUEST 2 vehicles are affected

QTY: 192 – 2018 TYPHOON vehicles are affected

QTY: 57 – 2019 CYCLONE 2 vehicles are affected

QTY: 4 – 2019 QUEST 2 vehicles are affected

QTY: 169 – 2019 TYPHOON vehicles are affected

QTY: 71 – 2020 CYCLONE 2 vehicles are affected

QTY: 1 – 2020 CYCLONE N vehicles are affected

QTY: 3 – 2020 QUEST 2 vehicles are affected

QTY: 189 – 2020 TYPHOON vehicles are affected

QTY: 42 – 2020 TYPHOON N vehicles are affected

QTY: 17 – 2021 CYCLONE 2 vehicles are affected

QTY: 5 – 2021 CYCLONE N vehicles are affected

QTY: 36 – 2021 TYPHOON vehicles are affected

QTY: 24 – 2021 TYPHOON N vehicles are affected

Production Dates : JAN 02, 2017 - OCT 16, 2020**VIN Range 1 : Begin :** 1FVACYFE7LHLL8521 **End :** 4EN6AAA87J1001983☐ Not sequential

Description of Defect :

Description of the Defect : The fuel rail assembly may develop leaks, which may result in an undetected prolonged diesel fuel spray.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A leak involving spraying/misting fuel in the presence of an ignition source may increase the risk of fire.

Description of the Cause : The rail end sealing bores in the fuel rail may have undersized pilot bores for the sealing washer, thus preventing the washer from properly seating, potentially resulting in inadequate load for the joint to remain properly sealed in service.

Identification of Any Warning that can Occur : The operator may see or smell diesel fuel. In some cases, the check engine lamp may illuminate.

Involved Components :

Component Name 1 : High Pressure Common Fuel Rail

Component Description : Fuel rail

Component Part Number : Unknown

Supplier Identification :**Component Manufacturer**

Name : Cummins Inc.

Address : P.O. Box 3005

Columbus Indiana 47202-3005

Country : United States

Chronology :

On April 30, 2021, E-ONE, Inc. received communication from Cummins about recall 21E-032 for their L9 and ISX12 engines.

On May 4, 2021, it was agreed that E-ONE, Inc. should file a Part 573.

Description of Remedy :

Description of Remedy Program : A recall-specific reimbursement plan will be provided in the Recall Portal for those units not covered by the manufacturer's limited warranty.

The rail threads will be inspected for damage. If damage is found on the threads, the rail will be replaced with a rail of a different design. The fuel lines will also be replaced with lines of a different design if the rail is replaced. If no damage is found on the hreads, new crush washers will be installed using a special tool.

How Remedy Component Differs from Recalled Component : For units having no thread damage, the technician will be instructed to place a paint dot somewhere on the rail to indicate that the repair has been completed. For units that do have thread damage, the replacement rail and fuel lines will have unique part numbers. The replacement rail and lines are also visibly different.

Identify How/When Recall Condition was Corrected in Production : Cummins has stated that the rail manufacturing statistical process control for the pilot bores was confirmed in control after October 19, 2020.

Cummins has requested that their Customer Quality Assurance division should be contacted for any engines/vehicles that are still in E-ONE's inventory to arrange for repairs, as necessary.

Recall Schedule :

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

Planned Dealer Notification Date : MAY 25, 2021 - JUN 08, 2021

Planned Owner Notification Date : JUN 18, 2021 - JUL 02, 2021

* NR - Not Reported