

Part 573 Safety Recall Report

17V-739

Manufacturer Name : E-One Incorporated**Submission Date :** NOV 20, 2017**NHTSA Recall No. :** 17V-739**Manufacturer Recall No. :** NR**Manufacturer Information :****Population :**

Manufacturer Name : E-One Incorporated

Number of potentially involved : 369

Address : 1601 S.W. 37TH AVENUE

Estimated percentage with defect : 85 %

Ocala FL 34474

Company phone : (904) 237-1122

Vehicle Information :

Vehicle 1 : 2013-2017 E-ONE CYCLONE 2

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

Descriptive Information : E-ONE Cyclone 2 models with Hale brand manual pressure relief valve assemblies on the main pump or auxiliary waterway inlet.

Production Dates : AUG 01, 2013 - NOV 11, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2013-2017 E-ONE QUEST

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

Descriptive Information : E-ONE Quest models with Hale brand manual pressure relief valve assemblies on the main pump or auxiliary waterway inlet.

Production Dates : AUG 01, 2013 - NOV 11, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2013-2017 E-ONE TYPHOON

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

Descriptive Information : E-ONE Typhoon models with Hale brand manual pressure relief valve assemblies on the main pump or auxiliary waterway inlet.

Production Dates : AUG 01, 2013 - NOV 11, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 4 : 2016-2016 FREIGHTLINER M2 112

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

Descriptive Information : Freightliner M2 112 models with E-ONE supplied pump modifications with Hale brand manual pressure relief valve assemblies on the main pump or auxiliary waterway inlet.

Production Dates : JAN 01, 2016 - JAN 01, 2017

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 5 : 2013-2015 INTERNATIONAL 7400

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

Descriptive Information : International 7400 models with E-ONE supplied pump modifications with Hale brand manual pressure relief valve assemblies on the main pump or auxiliary waterway inlet.

Production Dates : AUG 01, 2013 - JAN 01, 2016

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 6 : 2014-2017 INTERNATIONAL 4400

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

Descriptive Information : International 4400 models with E-ONE supplied pump modifications with Hale brand manual pressure relief valve assemblies on the main pump or auxiliary waterway inlet.

Production Dates : JAN 01, 2014 - NOV 11, 2017

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 7 : 2016-2017 Kenworth T370

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

Descriptive Information : Kenworth T370 models with E-ONE supplied pump modifications with Hale brand manual pressure relief valve assemblies on the main pump or auxiliary waterway inlet.

Production Dates : JAN 01, 2016 - NOV 11, 2017

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 8 : 2015-2015 Kenworth T800

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

Descriptive Information : Kenworth T800 models with E-ONE supplied pump modifications with Hale brand manual pressure relief valve assemblies on the main pump or auxiliary waterway inlet.

Production Dates : DEC 18, 2015 - DEC 18, 2015

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 9 : 2014-2017 Freightliner M2 106

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

Descriptive Information : Freightliner M2 106 models with E-ONE supplied pump modifications with Hale brand manual pressure relief valve assemblies on the main pump or auxiliary waterway inlet.

Production Dates : JAN 01, 2014 - NOV 11, 2017

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The retaining ring in the Relief Valve Assembly (Hale part 077-0750-21-0), is supposed to be made from high grade stainless steel, but some of these parts may have been made from an inferior plated steel. Trucks with TPM will have 2 relief valve assemblies, and trucks without TPM will have 1 relief valve assembly.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Since this retaining ring is exposed to water, it may deteriorate over time. If the retaining ring fails, the relief valve may fail and prevent the fire pump from building adequate pressure, which may potentially increase the risk of injury during firefighting operations.

Description of the Cause : Possible premature corrosion

Identification of Any Warning that can Occur : Part failure may be preceded by leakage at the relief valve assembly.

Supplier Identification :

Component Manufacturer

Name : IDEX Corporation

Address : 607 NW 27th Ave

Ocala FLORIDA 34475

Country : United States

Chronology :

Hale determined the quantity of services on relief valves warranted investigation. Upon investigation it was determined that the retaining ring in question was improperly coated instead of stainless. Hale created a recall and informed E-ONE on Friday, 11/10/2017. E-ONE identified vehicles and dealers who had purchased valves on their own and decided to create a pass-thru recall 11/17/2017

Description of Remedy :

Description of Remedy Program :	Vehicles subject to this recall are to be inspected and repaired by an E-ONE certified dealer or technician. E-ONE will compensate the dealer or owner for inspecting and replacing the relief valve retaining ring if it has not already been replaced during normal maintenance.
How Remedy Component Differs from Recalled Component :	The remedy component shall be stainless steel, rather than plated steel. Repair kits with 546-00066-000 or 546-00066-001 (for QG/P35 relief valve retaining ring or P25/P30 relief valve retaining ring) shall be provided to repair relief valves.
Identify How/When Recall Condition was Corrected in Production :	The affected vehicles were identified 11/20/2017, and a Quality Assurance as well as the final production line supervisor were informed of the requirement to rectify vehicles in production before shipping to customers. Email verification will be expected when vehicles have been successfully segregated by Jimbo Thompson and Luis Roldan. Service department parts were segregated for repair 11/15/2017 by Clay Gibson.

Recall Schedule :

Description of Recall Schedule :	<ol style="list-style-type: none">1) Letter approval2) Send emails/contact dealers who have received recalled parts.3) Provide dealer information to Hale so they can track dealer repairs where parts were provided as service items and no truck serial number is available to E-ONE.4) Receive approval of customer/dealer letter from NHTSA.5) Mail customer/dealer letter.
Planned Dealer Notification Date :	JAN 08, 2018 - JAN 12, 2018
Planned Owner Notification Date :	JAN 08, 2018 - JAN 12, 2018

* NR - Not Reported