

Part 573 Safety Recall Report

18V-094

Manufacturer Name : Ferrara Fire Apparatus, Inc.**Submission Date :** FEB 05, 2018**NHTSA Recall No. :** 18V-094**Manufacturer Recall No. :** NR**Manufacturer Information :****Population :**

Manufacturer Name : Ferrara Fire Apparatus, Inc.

Number of potentially involved : 66

Address : 27855 James Chapel Road
PO Box 249 Holden LA 70744

Estimated percentage with defect : 40 %

Company phone : 800-443-9006

Vehicle Information :

Vehicle 1 : 2015-2016 Ferrara Inferno

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

Descriptive Information : Ferrara Inferno models with Hale brand manual pressure relief valve assemblies on the main pump or auxiliary waterway inlet.

Production Dates : JAN 05, 2015 - JAN 13, 2016

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 2 : 2013-2016 Ferrara Igniter

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

Descriptive Information : Ferrara Igniter models with Hale brand manual pressure relief valve assemblies on the main pump or auxiliary waterway inlet.

Production Dates : OCT 11, 2013 - JUN 15, 2016

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 3 : 2014-2017 Ferrara Cinder

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

Descriptive Information : Ferrara Cinder models with Hale brand manual pressure relief valve assemblies on the main pump or auxiliary inlet.

Production Dates : JAN 14, 2014 - NOV 03, 2017

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 4 : 2013-2014 Ferrara Ember

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

Descriptive Information : Ferrara Ember models with Hale brand manual pressure relief valve assemblies on the main pump or auxiliary waterway inlet.

Production Dates : NOV 22, 2013 - OCT 12, 2014

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 5 : 2014-2017 Freightliner M2 106

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

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

Production Dates : NOV 05, 2014 - JUL 24, 2017

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 6 : 2015-2016 International 4400

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

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

Production Dates : JAN 01, 2015 - JAN 01, 2016

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 7 : 2013-2017 Kenworth T370

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

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

Production Dates : OCT 16, 2013 - DEC 31, 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--750-21-0), 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 quality of services on relief valves investigation. Upon investigation it was determined that the retaining ring in question was improperly coated instead of stainless. Hale created a recall and informed Ferrara on Monday 11-20-2017. Ferrara identified vehicles and dealers who had purchased valves on their own and decided to create a pass-thru recall 11-27-2017. The reason for this long delay was due to changes in our staff.

Description of Remedy :

Description of Remedy Program : Vehicles subject to this recall are to be inspected and repaired by an Ferrara certified dealer or technician. Ferrara 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 12-4-2017, 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. Service parts were segregated for repair 12-12-17.

Recall Schedule :

Description of Recall Schedule :

1. letter approval
2. Send emails/contact dealers who have received recall parts.
3. provide dealer information to Hale so they can track dealer repairs where parts were provided as service items.
4. Receive approval of customer letter from NHTSA.
5. Mail customer letters and email dealers.

Planned Dealer Notification Date : FEB 06, 2018 - FEB 09, 2018

Planned Owner Notification Date : FEB 06, 2018 - FEB 09, 2018

* NR - Not Reported