

Part 573 Safety Recall Report

16V-390

Manufacturer Name : Pierce Manufacturing

Submission Date : MAY 25, 2016

NHTSA Recall No. : 16V-390

Manufacturer Recall No. : 74B272



Manufacturer Information :

Manufacturer Name : Pierce Manufacturing

Address : 2600 American Drive
P.O. BOX 2017 Appleton WI
54912-2017

Company phone : 414-832-3000

Population :

Number of potentially involved : 114

Estimated percentage with defect : 10 %

Vehicle Information :

Vehicle 1 : 2015-2016 Pierce Arrow XT, Enforcer, Impel, Quantum, Saber and Velocity, and Freightliner, International, and Kenworth

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

Descriptive Information : Pierce apparatus vehicles equipped with Hale pumps – pump models QMAX, QFLO, QMAX-XS, and QTWO.

Production Dates : AUG 04, 2015 - APR 24, 2016

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The strainer on the inlet of Hale fire pumps may not have been properly soldered during the manufacturing process.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The strainer may come apart and be ingested into the pump. The pump performance may be reduced as a result. Also, with the strainer no longer in place, it is unable to perform its function preventing foreign objects from being ingested into the pump. A reduction in pump performance may impact firefighting capability.

Description of the Cause : Solder operation was missed during the manufacturing process of the strainer by the strainer supplier. Hale, the pump manufacturer did not detect before assembling strainers into pump units.

Identification of Any Warning that can Occur : Routine visual inspection should identify strainers with missing solder or in the process of coming apart. If a strainer is ingested, increase in noise from the pump, or a reduction in water flow may result.

Supplier Identification :**Component Manufacturer**

Name : Hale Products Inc.
Address : 607 NW 27th Avenue
Ocala FLORIDA 34475
Country : United States

Chronology :

April 2016 – Pierce received information from customer of an occurrence of a strainer on a Hale pump that was ingested into the pump during new vehicle break-in.
April 2016 – Pierce investigation identifies Hale strainers missing solder.
April 2016 – Pierce informs Hale of findings. Hale provides information regarding their Tier 2 supplier having quality issues.
April 2016 – Hale informs Pierce they will be issuing an equipment recall for the strainers.
May 2016 – Pierce receives notice of equipment recall and issues recall for vehicles equipped with Hale pumps that may contain defective strainers.
May 2016 – Pierce files a vehicle defect notice.

Description of Remedy :

Description of Remedy Program :	Replacement strainers will be provided by Hale to each owner. Since the strainer is a normal inspection, replacement part, owner will replace currently installed strainer with provided replacement. Owners will be instructed to discard original strainers.
How Remedy Component Differs from Recalled Component :	Properly soldered joints of strainer elements.
Identify How/When Recall Condition was Corrected in Production :	Pierce inspected in-process vehicle builds and replaced any strainers found to be missing soldered joints with properly manufactured strainers.

Recall Schedule :

Description of Recall Schedule :	Pending approval of notifications by NHTSA. Dealer notification may be determined not to be required since no there is no dealer involvement.
Planned Dealer Notification Date :	JUN 06, 2016 - JUN 20, 2016
Planned Owner Notification Date :	JUN 06, 2016 - JUN 20, 2016

* NR - Not Reported