

Part 573 Safety Recall Report

21V-394

Manufacturer Name : Pierce Manufacturing

Submission Date : APR 18, 2022

NHTSA Recall No. : 21V-394

Manufacturer Recall No. : Cummins 21E-032



Manufacturer Information :

Manufacturer Name : Pierce Manufacturing

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

Company phone : 920-832-3000

Population :

Number of potentially involved : 2,416

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2017-2021 Pierce Arrow XT, Enforcer, Impel, Quantum, Saber and Velocity

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

Descriptive Information : This recall is based on information supplied by Cummins Inc. Cummins provided a list of their L9 and ISX12 engines supplied to Pierce Mfg that may be subject to a Cummins product recall.

Production Dates : MAR 31, 2017 - MAY 14, 2021

VIN Range 1 : Begin : NR **End :** NR

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 : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :**Component Manufacturer**

Name : Cummins Inc.

Address : 301 Washington Street
Columbus Indiana 47202

Country : United States

Chronology :

On May 4th, 2021, Pierce received communication from Cummins about recall 21E-032 for their L9 and ISX12 engines.

May 2021 - Pierce quarantines affected vehicles.

July 13th 2021 - Cummins distributes dealer notifications.

July 30th, 2021 - Cummins distributes owner notifications

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 threads, 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 : The rail manufacturing statistical process control for the pilot bores was confirmed in control after October 19, 2020.

Recall Schedule :

Description of Recall Schedule : Cummins is handling the recall - contacting affected Pierce customers directly.

Planned Dealer Notification Date : JUN 23, 2021 - JUN 30, 2021

Planned Owner Notification Date : JUN 23, 2021 - JUN 30, 2021

* NR - Not Reported