

# Part 573 Safety Recall Report

## 21V-323

**Manufacturer Name :** Spartan Fire, LLC

**Submission Date :** MAY 06, 2021

**NHTSA Recall No. :** 21V-323

**Manufacturer Recall No. :** NR



### Manufacturer Information :

Manufacturer Name : Spartan Fire, LLC

Address : 1541 Reynolds Road  
Charlotte MI 48813

Company phone : 517-588-4700

### Population :

Number of potentially involved : 1,447

Estimated percentage with defect : 100 %

### Vehicle Information :

Vehicle 1 : 2017-2020 Spartan Fire Gladiator and MetroStar

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

**Descriptive Information :** This recall is based on information supplied by Cummins. Cummins provided a list of engine serial numbers and spartan part numbers that may be affected. Spartan cross referenced the Cummins supplied list with Spartan part number build populations. The emergency response cab chassis affected by this recall are equipped with certain L9 and ISX12 engines supplied by Cummins.

**Production Dates :** JAN 02, 2017 - OCT 16, 2020

**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 : Engine

Component Description : Diesel Engine

Component Part Number : See descriptive information

**Supplier Identification :****Component Manufacturer**

Name : Cummins, Inc

Address : 301 Washington Street  
Box 3005, Mail Code 91630 Columbus Indiana 47202

Country : United States

**Chronology :**

On April 30, 2021, Spartan Fire received communication from Cummins about recall 21E-032 for their L9 and ISX12 engines. On May 4, 2021, it was agreed that Spartan Fire should file a Part 573.

**Description of Remedy :**

Description of Remedy Program : Cummins has stated that they are developing a remedy plan and will communicate it as soon as it is available.

How Remedy Component Differs  
from Recalled Component : N/A

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 Spartan Fire's inventory to arrange for repairs, as necessary. Spartan reviewed inventory on April 30, 2021 and did not find any affected engines from Cummins serial number list.

**Recall Schedule :**

Description of Recall Schedule : Dealers will be notified by June 23, 2021 and the owners a week later.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

\* NR - Not Reported