

Part 573 Safety Recall Report

22V-001

Manufacturer Name : Rosenbauer America**Submission Date :** JAN 01, 2022**NHTSA Recall No. :** 22V-001**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Rosenbauer America

Address : 5190 260th street

Wyoming MN 55092

Company phone : 6514621000

Population :

Number of potentially involved : 116

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2018-2021 Rosenbauer Commander

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain Cummins X12 Engines have been recalled due to the fuel tubes between the fuel rail and injector for cylinders 4, 5, and 6 may be susceptible to cracking, resulting in a high pressure fuel link. Because this is in the presence of an ignition source, there is a risk for fire. Even there is a 1% chance of failure per Cummins, Rosenbauer has identified certain trucks that have this engine.

Production Dates : MAY 27, 2021 - DEC 31, 2021

VIN Range 1 : Begin : 54F2CB710KWM12481 End : 54F5GC614LWM12686 Not sequential

Vehicle 2 : 2018-2020 Rosenbauer Warrior

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain Cummins X12 Engines have been recalled due to the fuel tubes between the fuel rail and injector for cylinders 4, 5, and 6 may be susceptible to cracking, resulting in a high pressure fuel link. Because this is in the presence of an ignition source, there is a risk for fire. Even there is a 1% chance of failure per Cummins, Rosenbauer has identified certain trucks that have this engine.

Production Dates : MAY 27, 2021 - DEC 31, 2021

VIN Range 1 : Begin : 54F2DB500JWM12096 End : 54F3GE517LWM12900 Not sequential

Vehicle 3 : 2020-2022 Commercial 114SD

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain Cummins X12 Engines have been recalled due to the fuel tubes between the fuel rail and injector for cylinders 4, 5, and 6 may be susceptible to cracking, resulting in a high pressure fuel link. Because this is in the presence of an ignition source, there is a risk for fire. Even there is a 1% chance of failure per Cummins, Rosenbauer has identified certain trucks that have this engine.

Production Dates : MAY 27, 2021 - DEC 31, 2021

VIN Range 1 : Begin : 3ALHG3FM2MDMR1750 End : 3ALHG3FMXMDMT8066 Not sequential

Description of Defect :

Description of the Defect : The fuel tubes between the fuel rail and injector for cylinders 4, 5, and 6 may be susceptible to cracking, resulting in a high pressure fuel link.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : There is a risk for a high pressure leak that is in the presence of an ignition source which could increase the risk of a fire.

Description of the Cause : The subject fuel tubes (for cylinders 4, 5 and 6) are susceptible to cracking due to metal fatigue failure resulting from a combination of vibration strain, assembly strain and material strength.

Identification of Any Warning that can Occur : Fuel leaks may be detected during maintenance. Drivers should alert Rosenbauer if they smell fuel or observe a mist due to the fuel leak.

Involved Components :

Component Name 1 : Cummins X12 Diesel Engine

Component Description : NR

Component Part Number : DOS3009BX03

Component Name 2 : Cummins X12 Diesel Engine

Component Description : NR

Component Part Number : DOS3005BX03

Supplier Identification :

Component Manufacturer

Name : Cummins

Address : 800 West Ryan Road
Oak Creek South Dakota 53154

Country : United States

Chronology :

On 12/6/2021, Rosenbauer America received an email alerting of the recall from Account Executive Michael Bartkowski. The internal departments were alerted and preliminary data collection started. On 12/14/2021, Rosenbauer shared the appropriate VINs tied to Cummins Engine Serial Numbers. On 12/16/2021, we contacted our local Cummins service providers to address the trucks shipping in December that are in Production. We have alerted our production facilities and provided them with a list of known recalled engines that we received from Cummins. Remedies for Production trucks started on 12/17 and will continue through January as repair parts and technicians become available.

Description of Remedy :

Description of Remedy Program : All parts and labor to perform the remedy will be provided to our customers and dealers free of charge. Cummins will perform the remedy per a list provided by Rosenbauer and inform Rosenbauer date of remedy completion. The remedy program will start as soon as parts are available to make the repairs. According to Cummins, for engines having less than 75 miles, vibration isolators will be added to the fuel tubes. For engines having more than 75 miles, the recalled fuel tubes will be replaced and vibration isolators will be added.

How Remedy Component Differs from Recalled Component : The difference will be if the remedied engine has vibration isolators as both remedies include installing those.

Identify How/When Recall Condition was Corrected in Production : Rosenbauer is working with local Cummins service technicians to remedy trucks in production while on the line or before shipment to the customer.

Recall Schedule :

Description of Recall Schedule : Dealers will be alerted informally on 1/4/22 via an email so they can watch for fuel leaks when doing maintenance. We will continue to monitor parts availability from Cummins before we contact customers via hard copy notification letter to fully launch the field campaign.

Planned Dealer Notification Date : FEB 18, 2022 - MAR 01, 2022

Planned Owner Notification Date : FEB 18, 2022 - MAR 01, 2022

* NR - Not Reported