

Part 573 Safety Recall Report

21V-129

Manufacturer Name : Rosenbauer America**Submission Date :** FEB 26, 2021**NHTSA Recall No. :** 21V-129**Manufacturer Recall No. :** 21E012**Manufacturer Information :**

Manufacturer Name : Rosenbauer America

Address : 5190 260th street

Wyoming MN 55092

Company phone : 6514621000

Population :

Number of potentially involved : 8

Estimated percentage with defect : 90 %

Vehicle Information :

Vehicle 1 : 2020-2020 Rosenbauer Commander

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Some front suspension systems from Reyco Granning may have steering gears that the fasteners may loosen and lose clamp load between the cradle and steering gear. These units were manufactured between 11/27/2019 thru 10/28/2020 using a different type of paint on the steering gearcase mount plates. This paint could flow and relax over time causing the bolts to lose clamp load and loosen.

Production Dates : AUG 01, 2020 - FEB 26, 2021**VIN Range 1 :** Begin : 54F2FB827LWM12722 End : 54F3JF825LWM12714 Not sequential**Description of Defect :**

Description of the Defect : Loose steering gear mount bolts on Independent Front Suspensions manufactured by Reyco Granning LLC purchased by Rosenbauer America and received from 12/23/19 to 9/28/20.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The steering gear mounting fasteners could loosen and back out to the point that they may interfere with other steering components. This may cause difficulty in steering or prevent steering to one direction which could increase the risk of a crash.

Description of the Cause : Reyco Granning made a change to the type of paint used on the steering gearcase mount plates. The new paint can continue to flow and relax over time, despite appearing to be cured. As the paint flows out from under the bolt head and

washer, the film thickness of the paint decreases. This flowing action allows the bolt stretch that was gained during the torquing procedure to relax and clamp load is lost. Once loose, the bolts will continue to back out due to road vibration.

Identification of Any Warning that can Occur : The driver may notice a change in steering feel, primarily related to vagueness, difficulty in holding a straight line, or vehicle wandering, the fasteners may also loosen without warning.

Involved Components :

Component Name 1 : PV MODEL IFS24K FT

Component Description : RBA PN 8620950-1312

Component Part Number : MFG PN IFS24-M48ZC

Component Name 2 : PV MODEL IFS24K FT

Component Description : RBA PN 8620950-143

Component Part Number : MFG PN IFS24-M4803

Component Name 3 : PV MODEL IFS20K FT

Component Description : RBA PN 8620949-143

Component Part Number : MFG PN IFS20-M4803

Component Name 4 : PV MODEL IFS24K FT

Component Description : RBA PN 8620950-1412

Component Part Number : MFG PN IFS24-M480C

Component Name 5 : PV MODEL IFS20K FT

Component Description : RBA PN 8620949-1412

Component Part Number : MFG PN IFS20-M480C

Supplier Identification :

Component Manufacturer

Name : Reyco Granning
Address : 1205 Industrial Park Drive
Mt. Vernon Missouri 65712
Country : United States

Chronology :

On Feb 24, 2021, Adam Kuiken from Reyco Granning emailed Rosenbauer America alerting us of a recall on a limited amount of front suspensions that we purchased from them and were manufactured from 12/2019 to 09/2020. We informed our internal departments and cross referenced Reyco Granning's list with our own and located the trucks that are in WIP and in the field. We will work with Reyco Granning to obtain the replacement repair kits and coordinate the remedy with the dealers and Production floor personnel.

Description of Remedy :

Description of Remedy Program : Rosenbauer will contact affected customers and their dealer to inform them of the recall. Rosenbauer will obtain the repair kit from Reyco Granning or will send Reyco Granning the appropriate information to ship to the kit to our dealer. The customer will schedule the repair with the dealer. At that time, we will ask the dealer and/or customer to alert Rosenbauer of that arrangement. The dealer will contact Rosenbauer for reimbursement of up to 1.5 hours. We will send the appropriate invoice information to Reyco Granning for reimbursement using our ticket tracking system to track parts and costs.

How Remedy Component Differs from Recalled Component : The remedy involves replacing the bolts and flat washers provided by Reyco Granning that hold the steering gear to the mounting plate with a new bolt and a serrated wedge locking washer. This bolt and washer combination has been tested extensively to ensure that proper clamp load is maintained even if the paint film thickness changes significantly.

Identify How/When Recall Condition was Corrected in Production : We have 4 of the 8 trucks in Production and will perform the repair before shipping to the customer.

Recall Schedule :

Description of Recall Schedule : Customers and Dealers will be notified by 4/25/21. We will then work with Reyco Granning to obtain the repair kit and schedule the remedy.
Planned Dealer Notification Date : MAR 01, 2021 - APR 25, 2021
Planned Owner Notification Date : MAR 12, 2021 - APR 25, 2021

* NR - Not Reported