

Part 573 Safety Recall Report

24V-604

Manufacturer Name : Rosenbauer America**Submission Date :** SEP 03, 2024**NHTSA Recall No. :** 24V-604**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 : 5

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2023-2024 Rosenbauer Commander

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Reyco Granning is recalling certain independent front suspension assemblies that are found in some 2023-2024 Rosenbauer Commanders. The recall was initiated based on details supplied by Reyco Granning to Rosenbauer, including part numbers, serial numbers, and the date range of the affected products. There is a potential for bodily harm and personal injury due to defective hardware that could pop off with force.

Rosenbauer has identified 5 trucks that are impacted; 4 are in production at Rosenbauer America and 1 is in-service with the vehicle owner.

Production Dates : MAR 04, 2024 - AUG 13, 2024

VIN Range 1 : Begin : 54F2GCCT7RWM13669 End : 54F3GECT4RWM13743 Not sequential**Description of Defect :**

Description of the Defect : The independent front suspension (IFS) assembly from Reyco Granning was built with four bolts that may be prone to hydrogen embrittlement. This could lead to the bolt heads snapping off after alignment or retorque procedures. If this happens, the fastener heads could detach at high speed, posing a risk of injury to anyone nearby or to those servicing the vehicle.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the defect causes the bolt to fail and the fastener head to separate from the main bolt body, there is a heightened risk of personal injury.

Description of the Cause : Per Reyco Granning, the bolts were stripped of their original coating and re-plated with zinc, leading to hydrogen embrittlement.

Identification of Any Warning that can Occur : There is no warning per Reyco Granning.

Involved Components :

Component Name 1 : INDEPENDENT FRONT SUSPENSION, 20k; 24k

Component Description : IFS24-M420C; IFS24-M48ZC

Component Part Number : 8620949-1412; 8620949-1812

Supplier Identification :

Component Manufacturer

Name : Reyco Granning

Address : 1205 Industrial Park Drive
Mt. Vernon 65712

Country : NR

Chronology :

7/15/24: Lisa Sampson with Rosenbauer contacts Reyco Granning after reviewing the weekly email from NHTSA with the latest recalls. It was noticed that other fire truck OEMs had filed recalls for independent front suspension assemblies that we buy from Reyco Granning. Rosenbauer has had zero incidents of problems in service and warranty claims.

7/18/24: An email was sent to Reyco Granning asking for an update.

7/19/24: Reyco Granning is reviewing Rosenbauer POs for impacted units.

7/23/24: An email was sent to Reyco Granning asking for an update and was told that their engineering department was generating the communication and it will be ready the next day.

7/25/24: An email was sent to Reyco Granning asking for an update.

7/29/24: James at Reyco Granning said that we should have official letter by now and that the engineers are in meetings for the next 2 days but was hopeful they could still provide what we needed. It is unknown at this point if Rosenbauer has recalled units.

7/31/24: James at Reyco Granning has asked his colleagues for an update.

8/1/24: Rosenbauer receives a notification letter in the mail even though it was addressed to someone who no longer works here. The letter contains 6 serial numbers.

8/2/24: Reyco Granning confirms the info in the letter.

8/5/24: Rosenbauer starts researching which trucks are impacted by the recalled assemblies.

8/9/24: Rosenbauer asks for more information to locate 3 assemblies and Reyco Granning responded same day.

8/12/24: Rosenbauer locates the impacted trucks and asks Reyco Granning to share the remedy for the 4 trucks still at Rosenbauer's MN location. James copies in other colleagues at Reyco Granning to answer my questions on the remedy plans.

8/13/24: Rosenbauer puts a ship-hold on the 4 trucks in their production.

8/15/24: Plan to fix trucks in production is scheduled. Reyco Granning will send techs to fix trucks the week of 9/9/24.

Description of Remedy :

Description of Remedy Program : Rosenbauer and Rosenbauer Authorized Dealers will work with Reyco Granning to inspect and repair the suspension & bolts per their work instructions. They created a TSB that defines the bolt replacement process, including marking methodologies etc. that need to be employed so that vehicle alignment remains unaffected. Removal of bolts is not a safety issue as failure only occurs post tightening of the fasteners. 2 hours will be allowed for labor at \$145 hourly rate but the repair should not take more than 1 hour. Rosenbauer & Rosenbauer Dealers will file claims with Reyco Granning to get reimbursement.

All remedies will be applied to trucks in production prior to shipment to the customer.

All inspections and repairs are to be provided to our customers free of charge.

How Remedy Component Differs from Recalled Component : All fasteners marked with an "HK" on the head are considered suspect (though not all are faulty). If they were manufactured within the specified timeframe and have the "HK" marking, they will be replaced with fasteners marked "L9." The "HK" fasteners were stripped and re-plated, while the "L9" fasteners went through the standard manufacturing process, per Reyco Granning's recall filing.

Identify How/When Recall Condition was Corrected in Production : On 8/13/2024, Rosenbauer put a ship-hold on the 4 trucks in production that are impacted. However, Reyco Granning reacted on 4/23/24 by quarantining the HK bolts and removing from production. They received replacement bolts that same day.

Recall Schedule :

Description of Recall Schedule : Rosenbauer will start notifying customers as soon as the remedy plan is finalized with Reyco Granning. Notifications will be mailed before 60 days from today.

Planned Dealer Notification Date : SEP 16, 2024 - OCT 12, 2024

Planned Owner Notification Date : SEP 16, 2024 - OCT 12, 2024

* NR - Not Reported