

# Part 573 Safety Recall Report

# 23V-894

**Manufacturer Name :** Rosenbauer America**Submission Date :** APR 15, 2024**NHTSA Recall No. :** 23V-894**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 : 543

Estimated percentage with defect : 70 %

**Vehicle Information :**

Vehicle 1 : 2020-2022 Rosenbauer Avenger

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Weldon is recalling an 8x16 node found on some Rosenbauer fire trucks built in 2020-2023. The node was not built to the proper specification and may become overloaded resulting in an unplanned increased risk of heat related damage or fire.

Production Dates : MAR 10, 2020 - DEC 20, 2023

VIN Range 1 : Begin : 1FD0W5HTOPEC65987 End : 54F8JECHXPWM13925  Not sequential

Vehicle 2 : 2017-2024 Rosenbauer Commander

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Weldon is recalling an 8x16 node found on some Rosenbauer fire trucks built in 2020-2023. The node was not built to the proper specification and may become overloaded resulting in an unplanned increased risk of heat related damage or fire.

Production Dates : MAR 10, 2020 - DEC 01, 2023

Vehicle 3 : 2020-2024 Rosenbauer Warrior

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Weldon is recalling an 8x16 node found on some Rosenbauer fire trucks built in 2020-2023. The node was not built to the proper specification and may become overloaded resulting in an unplanned increased risk of heat related damage or fire.

Production Dates : MAR 10, 2020 - DEC 01, 2023

Vehicle 4 : 2023-2023 Commercial F-350

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Weldon is recalling an 8x16 node found on some Rosenbauer fire trucks built in 2020-2023. The node was not built to the proper specification and may become overloaded resulting in an unplanned increased risk of heat related damage or fire.

Production Dates : JAN 01, 2023 - DEC 01, 2023

Vehicle 5 : 2023-2023 Commercial F-550

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Weldon is recalling an 8x16 node found on some Rosenbauer fire trucks built in 2020-2023. The node was not built to the proper specification and may become overloaded resulting in an unplanned increased risk of heat related damage or fire.

Production Dates : JAN 01, 2023 - DEC 01, 2023

Vehicle 6 : 2024-2024 Commercial 114SD

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Weldon is recalling an 8x16 node found on some Rosenbauer fire trucks built in 2020-2023. The node was not built to the proper specification and may become overloaded resulting in an unplanned increased risk of heat related damage or fire.

Production Dates : OCT 01, 2023 - DEC 22, 2023

Vehicle 7 : 2023-2023 Commercial 108SD

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Weldon is recalling an 8x16 node found on some Rosenbauer fire trucks built in 2020-2023. The node was not built to the proper specification and may become overloaded resulting in an unplanned increased risk of heat related damage or fire.

Production Dates : MAR 10, 2020 - DEC 01, 2023

**Description of Defect :**

Description of the Defect : Per Weldon: The electrical current sensing calibration was not produced to specification so that the firmware would not shut off the output pin under a short circuit caused by external load or wiring failure.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Per Weldon: In the event of a short circuit or wiring failure, if the electrical circuit(s) become overloaded, depending on how the input-output node(s) is wired into the vehicle including whether it is located near a flammable fuel source, there is an increased risk of heat related damage or fire.

Description of the Cause : Unknown at this time.

Identification of Any Warning that can Occur : Unknown at this time.

**Involved Components :**

Component Name 1 : NODE, V-MUX, 8X16, NEXT GEN

Component Description : 6030-2000-00

Component Part Number : 8600727-001, EW-6030-2000-00, 46712

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

Name : Weldon Division of Akron Brass

Address : 3656 Paragon Drive  
Columbus Ohio 43228

Country : United States

**Chronology :**

11/15/23: Rosenbauer was notified via a Teams Call with our IDEX Account Manager.

11/15/23: IDEX sent a list of impacted nodes by serial number and invoice date.

11/16/23: Rosenbauer started investigating how to pinpoint the impacted trucks by asking Engineering and Materials how these are tracked.

11/17/23: Rosenbauer started analyzing the proper inventory transactions to find which trucks are impacted. A follow-up call with IDEX was arranged to ask for more clarifying information. It was decided that Rosenbauer

needs the PO #s that were used to purchase the impacted nodes.

11/29/23: A reminder was sent to IDEX to obtain the PO #s.

12/4/23: We verbally reminded IDEX.

12/11/23: Email received from IDEX with PO #s. Unable to process that data set.

12/12/23: Received electronic spreadsheet of PO #s and SNs.

12/13/23: Data analysis started to tie recalled SNs to trucks.

12/13/23 - 12/20/23: Quarantined inventory and started applying remedy to trucks in Production.

12/22/23: Complete list of impacted trucks finalized.

2/22/24: Customer & Dealer notification started.

## Description of Remedy :

**Description of Remedy Program :** Rosenbauer will work with Dealers and Customers to ensure the firmware in the 8 x 16 node is updated in affected vehicles that are within the identified version range. The remedy will be provided to customers free of charge. The entity (customer, dealer, or fire truck shop) performing the remedy can send the truck information to Weldon's RMA email and Weldon will reimburse them for \$50 per truck. More information is on the update instructions from Weldon.

**How Remedy Component Differs from Recalled Component :** Per Weldon, the recall population was determined based on product specifications associated with a specific firmware version. Recalled products have a different firmware version than those not included in the recall. The firmware version is recorded on a decal on each unit.

**Identify How/When Recall Condition was Corrected in Production :** Rosenbauer will remedy all trucks in production prior to shipment by updating the firmware to the latest version from Akron's website.

## Recall Schedule :

**Description of Recall Schedule :** Rosenbauer will alert the Dealer Network as soon as this filing has been published. We will then notify customers as the remedy plan has been established with Weldon and Rosenbauer Dealer Network.

**Planned Dealer Notification Date :** FEB 19, 2024 - FEB 22, 2024

**Planned Owner Notification Date :** FEB 19, 2024 - FEB 22, 2024

\* NR - Not Reported