

Part 573 Safety Recall Report

22V-677

Manufacturer Name : Farber Specialty Vehicles**Submission Date :** APR 28, 2023**NHTSA Recall No. :** 22V-677**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Farber Specialty Vehicles

Address : 7052 Americana Parkway

Reynoldsburg OH 43068

Company phone : 800-331-3188

Population :

Number of potentially involved : 1

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2021-2021 FARBER Freightliner XC, 340HP

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Weldon, a division of Akron Brass Company , has decided a safety related defect may exist with some Hercules HC 1.5 I/O Nodes, Weldon Part Number 6060-1000-00 produced between January 21, 2022 and April 29, 2022. In the affected products, a termination resistor was installed on the CAN ports. In this configuration and when combined with external resistors located in a harness or with multiple nodes that do not have external resistors, CAN communication may become compromised which can impact any of the electrical loads that are connected to the CAN, including vehicle lighting, potentially increasing the risk of a crash.

Production Dates : DEC 01, 2021 - MAR 30, 2022

VIN Range 1 : Begin : NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : The manufacture Weldon, a division of Akron Brass Company, produces Node, an electrical multiplex module. In the affected products, the Node contains a termination resistor installed on the node circuit board instead of the termination resistor being installed only within the electrical harness. If the vehicle network design has not accounted for this additional resistor, it may reduce the bus resistance below the defined tolerance levels and may lead to a loss of data on the CAN network. Installations with multiple nodes are more likely to experience the condition.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the bus resistance is reduced, the CAN network connection could fail which may interrupt the transfer of data on this connection. If the CAN network connection is interrupted or fails and depending on how the vehicle's electrical systems are designed, it may impact the operation of various electrical loads controlled by the Node, including vehicle lighting, which may increase the risk of a crash.

Description of the Cause : Due to a bill of material error, a resistor installed on the printed circuit board was inadvertently included.

Identification of Any Warning that can Occur : None

Involved Components :

Component Name 1 : V-mux Hercules HC Node 1.5

Component Description : NR

Component Part Number : 6060-1000-00

Supplier Identification :

Component Manufacturer

Name : Weldon Division of Akron Brass

Address : 3656 Paragon Drive
Columbus Ohio 43228

Country : United States

Chronology :

On or About May 13, 2022, Farber Specialty Vehicles was contacted by Weldon Division of Akron Brass that V-mux Hercules HC Node 1.5 had an issue with the termination resistor on the circuit board. It was identified that six Nodes would be recalled, and of the six Nodes, Farber had five in inventory, and one unit was in the field in possession of an owner. Working with Weldon, Faber secured all of the involved products, and the estimated date for the completion of all the repairs was July 11, 2022.

Description of Remedy :

Description of Remedy Program : Weldon will notify affected customers and ask them to return any affected product that remains in their inventory to Weldon to be reworked. Affected OEMs will notify vehicle purchasers and Weldon will provide replacement units and reimburse for labor costs. The affected product sold under the private label have already been remedied.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported