

Part 573 Safety Recall Report

24V-012

Manufacturer Name : Pierce Manufacturing

Submission Date : JAN 10, 2024

NHTSA Recall No. : 24V-012

Manufacturer Recall No. : Pierce 74B332



Manufacturer Information :

Manufacturer Name : Pierce Manufacturing

Address : 2600 American Drive
P.O. BOX 2017 Appleton WI
54912-2017

Company phone : 920-832-3000

Population :

Number of potentially involved : 248

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2020-2023 Pierce Freightliner and International Chassis.

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

Descriptive Information : The recall population was determined based on a review of vehicles with Weldon nodes installed where the product specification is associated with a specific firmware version. Recalled products have a different firmware version than those not included in the recall. Firmware version is recorded on a decal on each unit.

Production Dates : MAY 12, 2020 - DEC 21, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : According to the equipment supplier, 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 : According to the equipment supplier, 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 : NR

Identification of Any Warning that can Occur : There is no warning which is present.

Involved Components :

Component Name 1 : V-MUX Node

Component Description : Electrical Device

Component Part Number : 6030-2000-00

Supplier Identification :**Component Manufacturer**

Name : Weldon Division of Akron Brass

Address : 3656 Paragon Drive

Columbus Ohio 43228

Country : United States

Chronology :

December 2023 - Pierce is notified by Weldon of recall 23E-084 which they filed with NHTSA. At this time Pierce commences the work necessary to identify the affected models and field population, if any, based off information supplied by Weldon.

January 2024 – Pierce, as the vehicle manufacturer, files its own 573 recall report with NHTSA in accordance with 49 C.F.R 573.3.

Description of Remedy :

Description of Remedy Program : Pierce will supply to Weldon a list of vehicle owners with trucks containing the affected component and Weldon will directly contact these owners of the affected trucks and coordinate the application of the remedy. According to Weldon, it will update the firmware in the 8 x 16 node as installed in affected vehicles and in OEM inventory that are within the identified version range. Repairs will be provided free of charge.

How Remedy Component Differs from Recalled Component : According to Weldon, firmware version number on the device determines the range of devices that shall be recalled. Version 1.00- 1.02 to be recalled.

Identify How/When Recall Condition was Corrected in Production : According to Weldon, on June 14, 2023 as part of normal quality work, the current sensing calibration firmware was updated in production.

Recall Schedule :

Description of Recall Schedule : Notification to customers will be issued by Weldon. Weldon does not operate through dealers. Weldon will conduct the remedy program and perform all quarterly reporting for this recall.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported