

Part 573 Safety Recall Report

24V-147

Manufacturer Name : Pierce Manufacturing

Submission Date : FEB 26, 2024

NHTSA Recall No. : 24V-147

Manufacturer Recall No. : 74B334



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 : 15

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2023-2024 Pierce Commercial Chassis

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

Descriptive Information : Pursuant to information received from Weldon, the recall population was determined based on product specifications associated with a specific firmware version and date range. Recalled products have a different firmware version, serial number, and date range than those not included in the recall.

Production Dates : DEC 23, 2023 - FEB 15, 2024

VIN Range 1 : Begin : NR **End :** NR

Not sequential

Description of Defect :

Description of the Defect : Pursuant to information supplied by Weldon, the node may not shut off the output pin if there is a short circuit in the vehicle wiring or other devices installed on the vehicle.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Pursuant to information supplied by Weldon, in the event of a short circuit or wiring failure in the vehicle, the node may not turn off power. If the electrical circuits become overloaded, depending on how the node is wired into the vehicle, including whether the wiring is located near a 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 : None.

Involved Components :

Component Name 1 : Hercules HC 1.7 NODE

Component Description : Multiplex Node

Component Part Number : 6060-2010-00

Supplier Identification :

Component Manufacturer

Name : Weldon Division of Akron Brass

Address : 3656 Paragon Drive
Columbus Ohio 43228

Country : United States

Chronology :

January 24, 2024 Weldon makes the determination to conduct a recall and issue a firmware update to remedy the issue. NHTSA subsequently assigns recall 24E-006.

February 15, 2024. Pierce receives notice from Weldon of TSB 24-002D which is their communication of recall 24E-006 to OEM's. Pierce commences its search to understand the population of affected trucks.

February 22, 2024 Pierce completes its search and determines that while most affected trucks have not left its control (and will be quarantined so the remedy can be applied), a population has shipped and a corresponding recall is to be filed.

Description of Remedy :

Description of Remedy Program : Pursuant to information supplied by Weldon, update the installed firmware in the node using an updater application that can be downloaded from the company website. The same updater used in Akron TSB 23-001 (NHTSA 23E084) is used to update the firmware in the affected devices. The Service provider will be compensated so there is no cost to vehicle owner for this firmware update. Nothing needs to be removed from the truck, this is a firmware update accomplished by plugging into the truck to upload the latest firmware.

How Remedy Component Differs from Recalled Component : Pursuant to information supplied by Weldon, firmware number on the device determines the range of devices that shall be recalled. Version 1.00 to be recalled.

Identify How/When Recall Condition was Corrected in Production : Pursuant to information supplied by Weldon, firmware was updated to version 1.01 on January 19, 2024.

Recall Schedule :

Description of Recall Schedule : Notifications to customers will be made via a customer letter. The 577 customer letter will be mailed pending NHTSA approval.

Any claims for pre-notification remedy reimbursement should be directed to Pierce for review.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported