

Part 573 Safety Recall Report

24V-032

Manufacturer Name : MAXI-METAL INC.

Submission Date : JAN 19, 2024

NHTSA Recall No. : 24V-032

Manufacturer Recall No. : N/A



Manufacturer Information :

Manufacturer Name : MAXI-METAL INC.

Address : 9345 25th Avenue East
Saint Georges 00 G6A 1L1

Company phone : 4182286637

Population :

Number of potentially involved : 19

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2020-2023 MAXI MAXI/Freightliner and MAXI/Kenworth

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 : MAR 16, 2020 - JUN 19, 2023

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

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

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

Involved Components :

Component Name 1 : Weldon V-MUX 8x16 Input/Output Node

Component Description : V-MUX 8x16 Input/Output Node

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

January 2024 – MAXI-METAL, 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 : MAXI-METAL will supply to Weldon a list of vehicle owners with trucks containing the affected component and Weldon will directly contact the 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 :	Notifications to owners and dealers will be issued directly by Weldon. 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