

# Part 573 Safety Recall Report

## 24V-082

**Manufacturer Name :** Braun Ambulances**Submission Date :** MAR 18, 2024**NHTSA Recall No. :** 24V-082**Manufacturer Recall No. :** 2024-2**Manufacturer Information :**

Manufacturer Name : Braun Ambulances

Address : 1170 Production Drive

Van Wert OH 45891

Company phone : 4192327020

**Population :**

Number of potentially involved : 32

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2023-2024 Braun Ambulances Cheif XL I

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

**Descriptive Information :** Recall population was derived and includes a specific release of node, Braun/Weldon Part Number: 28739/6060-2010-00. This release was reported to be causing issues in trucks in the field in December 2023 into January 2024. These nodes can be identified by the part number on the back side of the node. This recall is limited to the beforementioned node. 5 Diesel Chief XL I vehicles are affected by the recall and will need nodes replaced with a remedied version.

Production Dates : NOV 01, 2023 - DEC 29, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2023-2024 Braun Ambulances Chief XL I

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : ALL

Power Train : GAS

**Descriptive Information :** Recall population was derived and includes a specific release of node, Braun/Weldon Part Number: 28739/6060-2010-00. This release was reported to be causing issues in trucks in the field in December 2023 into January 2024. These nodes can be identified by the part number on the back side of the node. This recall is limited to the beforementioned node. 4 Gas Chief XL I vehicles are affected by the recall and will need nodes replaced with a remedied version.

Production Dates : NOV 01, 2023 - DEC 29, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2023-2024 Braun Ambulances Liberty I

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

Descriptive Information : Recall population was derived and includes a specific release of node, Braun/Weldon Part Number: 28739/6060-2010-00. This release was reported to be causing issues in trucks in the field in December 2023 into January 2024. These nodes can be identified by the part number on the back side of the node. This recall is limited to the beforementioned node. 3 Diesel Liberty I vehicles are affected by the recall and will need nodes replaced with a remedied version.

Production Dates : NOV 01, 2023 - DEC 29, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2023-2024 Braun Ambulances Express Plus I

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

Descriptive Information : Recall population was derived and includes a specific release of node, Braun/Weldon Part Number: 28739/6060-2010-00. This release was reported to be causing issues in trucks in the field in December 2023 into January 2024. These nodes can be identified by the part number on the back side of the node. This recall is limited to the beforementioned node. 2 Diesel Express Plus I vehicles are affected by the recall and will need nodes replaced with a remedied version.

Production Dates : NOV 01, 2023 - DEC 29, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 5 : 2023-2024 Braun Ambulances Express III

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : Recall population was derived and includes a specific release of node, Braun/Weldon Part Number: 28739/6060-2010-00. This release was reported to be causing issues in trucks in the field in December 2023 into January 2024. These nodes can be identified by the part number on the back side of the node. This recall is limited to the beforementioned node. 2 Gas Express III vehicles are affected by the recall and will need nodes replaced with a remedied version.

Production Dates : NOV 01, 2023 - DEC 29, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 6 : 2023-2024 Braun Ambulances Cheif XL III

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : GAS

**Descriptive Information :** Recall population was derived and includes a specific release of node, Braun/Weldon Part Number: 28739/6060-2010-00. This release was reported to be causing issues in trucks in the field in December 2023 into January 2024. These nodes can be identified by the part number on the back side of the node. This recall is limited to the beforementioned node. 13 Gas Chief XL III vehicles are affected by the recall and will need nodes replaced with a remedied version.

Production Dates : NOV 01, 2023 - DEC 29, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

## Description of Defect :

**Description of the Defect :** Braun Industries has decided that a defect which relates to motor vehicle safety exists in certain Type I and Type III Chief XL, Express, Express Plus, and Liberty vehicles produced from November 2023 through January 2024. Incompatibilities of a new high content node revision and Braun vehicle systems may lead to malfunction of module mounted turn signals, backup alarms, backup cameras, and additional brake lighting.

FMVSS 1 : 108 - Lamps, reflective devices, and assoc. Equipment

FMVSS 2 : NR

**Description of the Safety Risk :** In the affected vehicles, module mounted signals and visual systems may inadvertently activate or fail to function increasing the risk of a crash.

**Description of the Cause :** Incompatibilities of a new high content node revision and Braun vehicle systems may lead to malfunction of module mounted turn signals, backup alarms, backup cameras, and additional brake lighting.

**Identification of Any Warning that can Occur :** Module mounted signals and visual systems may inadvertently activate or fail to function.

## Involved Components :

Component Name 1 : High Content Node and Operating System

Component Description : V-Mux (Hercules) High Content Node

Component Part Number : Braun/Weldon Part Number: 28739/6060-2010-00, Software v.1.03

## Supplier Identification :

### Component Manufacturer

Name : Braun Industries  
Address : 1170 Production Drive  
Van Wert Ohio 45891  
Country : United States

## Chronology :

December 2023 - January 2023: Customer with multiple units reported 1) turn signals randomly turn on and flash (not the signals on chassis, only on module: front and rear intersection lights, rear turns, rear side marker, patient compartment. Active commands show no turn signal input. 2) backup alarm, rear load lights, back up lights come on when the truck is in drive or park/neutral. 3) backup camera does not show on the MCC screen when in reverse, and 4) parking brake active command flashes and at times shows parking brake alarm on the vista. No other reports have been submitted at this time. After investigation and review, the decision was made to replace the high content nodes in the field in February 2024. This will remedy the know field issues and proactively address in the vehicles with this revision node that have not experienced issues. 29 total vehicles are impacted.

## Description of Remedy :

Description of Remedy Program : Braun will remedy the affected units free of charge by replacing the old revision node #3 with an updated node and download an updated software revision for all nodes in the vehicle. Replacement parts are estimated to be available April 1, 2024. Replacement is done by removing the affected node #3, installing the remedied node, downloading the latest node operating system software, version 1.04, and system validation.

How Remedy Component Differs from Recalled Component : New node #3 part number: Braun/Weldon Part Number: 28740/6060-2010-01. New software revision is release 1.04.

Identify How/When Recall Condition was Corrected in Production : The new node was released to production February 21st, 2024. All vehicles not covered in this recall will have the latest software and validation completed prior to being released to ship.

## Recall Schedule :

Description of Recall Schedule : Dealer letters will be initial sent with follow up discussions and affected vehicle lists. Customer letters will follow within 2 weeks. These will be mailed to the end customer.

Planned Dealer Notification Date : FEB 09, 2024 - FEB 23, 2024

Planned Owner Notification Date : FEB 16, 2024 - MAR 08, 2024

\* NR - Not Reported