

# Part 573 Safety Recall Report

## 24V-307

**Manufacturer Name :** Braun Ambulances

**Submission Date :** JUL 16, 2024

**NHTSA Recall No. :** 24V-307

**Manufacturer Recall No. :** 24-003



### Manufacturer Information :

**Manufacturer Name :** Braun Ambulances

**Address :** 1170 Production Drive

Van Wert OH 45891

**Company phone :** 4192327020

### Population :

**Number of potentially involved :** 29

**Estimated percentage with defect :** 100 %

### Vehicle Information :

**Vehicle 1 :** 2023-2024 Braun Ambulances Chief XL I

**Vehicle Type :** BUSES, MEDIUM & HEAVY VEHICLES

**Body Style :** ALL

**Power Train :** DIESEL

**Descriptive Information :** 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. Recall population includes a specific release of node, Braun/Weldon Part Number: 28739/6060-2010-00 and associated firmware. This release was reported to be causing issues in trucks in the field in December 2023 into January 2024. This led to the release of Braun recall 24V-082 to address these concerns. Weldon issued recall 24E-006 in January 2024 to address the same firmware concerns. These nodes can be identified by the part number on the back side of the node. This recall is limited to the beforementioned node and firmware. Braun reviewed the Weldon recall and decided to issue a corresponding recall on April 29th, 2024. 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 & HEAVY VEHICLES  
Body Style : ALL  
Power Train : GAS

**Descriptive Information :** 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. Recall population includes a specific release of node, Braun/Weldon Part Number: 28739/6060-2010-00 and associated firmware. This release was reported to be causing issues in trucks in the field in December 2023 into January 2024. This lead to the release of Braun recall 24V-082 to address these concerns. Weldon issued recall 24E-006 in January 2024 to address the same firmware concerns. These nodes can be identified by the part number on the back side of the node. This recall is limited to the beforementioned node and firmware. Braun reviewed the Weldon recall and decided to issue a corresponding recall on April 29th, 2024. 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 Chief XL III  
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES  
Body Style : ALL  
Power Train : GAS

**Descriptive Information :** 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. Recall population includes a specific release of node, Braun/Weldon Part Number: 28739/6060-2010-00 and associated firmware. This release was reported to be causing issues in trucks in the field in December 2023 into January 2024. This lead to the release of Braun recall 24V-082 to address these concerns. Weldon issued recall 24E-006 in January 2024 to address the same firmware concerns. These nodes can be identified by the part number on the back side of the node. This recall is limited to the beforementioned node and firmware. Braun reviewed the Weldon recall and decided to issue a corresponding recall on April 29th, 2024. 13 Chief XL III gas 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 :** 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. Recall population includes a specific release of node, Braun/Weldon Part Number: 28739/6060-2010-00 and associated firmware. This release was reported to be causing issues in trucks in the field in December 2023 into January 2024. This lead to the release of Braun recall 24V-082 to address these concerns. Weldon issued recall 24E-006 in January 2024 to address the same firmware concerns. These nodes can be identified by the part number on the back side of the node. This recall is limited to the beforementioned node and firmware. Braun reviewed the Weldon recall and decided to issue a corresponding recall on April 29th, 2024. 2 diesel Express Plus I diesel 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 :** 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. Recall population includes a specific release of node, Braun/Weldon Part Number: 28739/6060-2010-00 and associated firmware. This release was reported to be causing issues in trucks in the field in December 2023 into January 2024. This lead to the release of Braun recall 24V-082 to address these concerns. Weldon issued recall 24E-006 in January 2024 to address the same firmware concerns. These nodes can be identified by the part number on the back side of the node. This recall is limited to the beforementioned node and firmware. Braun reviewed the Weldon recall and decided to issue a corresponding recall on April 29th, 2024. 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 Liberty I  
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES  
Body Style : ALL  
Power Train : DIESEL

Descriptive Information : 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. Recall population includes a specific release of node, Braun/Weldon Part Number: 28739/6060-2010-00 and associated firmware. This release was reported to be causing issues in trucks in the field in December 2023 into January 2024. This lead to the release of Braun recall 24V-082 to address these concerns. Weldon issued recall 24E-006 in January 2024 to address the same firmware concerns. These nodes can be identified by the part number on the back side of the node. This recall is limited to the beforementioned node and firmware. Braun reviewed the Weldon recall and decided to issue a corresponding recall on April 29th, 2024. 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

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. In these vehicles, Hercules High Content 1.7 Nodes and associated firmware produced by Weldon may not shut off the output pin if there is a short circuit in the vehicle wiring or other devices installed on the vehicle. 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.

FMVSS 1 : NR  
FMVSS 2 : NR

Description of the Safety Risk : There is an increased risk of heat related damage or fire.  
Description of the Cause : Hercules High Content 1.7 Nodes part number 6060-2010-00 and associated firmware produced by Weldon may not shut off the output pin if there is a short circuit in the vehicle wiring or other devices installed on the vehicle.  
Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : Hercules HC 1.7 Node

Component Description : High Content 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 :

December 2023 - January 2023: Braun experienced field issues with Weldon node 6060-2010-00 and firmware. After investigation and review, the decision was made to replace the high content nodes in the field in February 2024. This required a firmware update coupled with replacing nodes. These nodes were produced and installed in the same time frame called out in Weldon recall 24E-006. Braun issued recall 24V-082 to address the reported field failure concerns with the nodes and firmware in question. The recall remedy included replacing the 6060-2010-00 node with a 6060-2010-01 and installation of updated firmware. Braun was contacted by NHTSA regarding filing a separate recall corresponding to Weldon recall 24E-006 in April 2024. Both recalls from Braun and Weldon have the same remedy but were called out as addressing different issues. Braun reviewed the recall and made the decision on April 29th, 2024 to file an additional recall regarding Weldon recall 24E-006 due to the nature of the potential failures, increased risk of heat related damage and fire. The recall will remedy the known field issues and proactively address in the vehicles with this revision node that have not experienced an of reported issues. 29 total vehicles are impacted. This recall population consists of the same vehicles in Braun recall 24V-082.

Description of Remedy :

Description of Remedy Program : Braun will work with affected customer population to ensure that the latest firmware revision is installed as part of this recall and in conjunction with recall 24V-082. All vehicles are covered by warranty so no reimbursement will be offered. Braun will provide reimbursement for any pre-notification remedy.

How Remedy Component Differs from Recalled Component : Firmware version for vehicles with the 6060-2010-00 node will go from 1.0 to 1.4.

Identify How/When Recall Condition was Corrected in Production : The recall condition and remedy was corrected in production in February 2024. Once the issue was identified all vehicles were quarantined until the latest firmware was updated in finished vehicles and all new vehicles produced starting in February 2024 had the latest firmware installed.

Recall Schedule :

Description of Recall Schedule : Recall filed 4/30/2024. Will start immediate communication to dealers with owner letters following within 3 weeks.  
Planned Dealer Notification Date : MAY 01, 2024 - MAY 15, 2024  
Planned Owner Notification Date : MAY 08, 2024 - MAY 21, 2024

\* NR - Not Reported