Part 573 Safety Recall Report 22V-370

Manufacturer Name : Braun Ambulances
Submission Date : MAY 24, 2022
NHTSA Recall No. : 22V-370
Manufacturer Recall No. : NR

Manufacturer Information :

Manufacturer Name : Braun Ambulances
Address : 1170 Production Drive
Van Wert OH 45891
Company phone : 4192327020

Population :

Number of potentially involved : 4
Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2020-2020 Braun Ambulances Express Plus
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES
Body Style : OTHER
Power Train : DIESEL
Descriptive Information : Recall population is determined by the vehicles that have the affected Hercules HC 1.5 I/O nodes per the supplied serial numbers from Weldon. Vehicles not affected by this recall do not contain the internal terminator resistor. Only two Braun Ambulances MY2020 Express Plus on a Ford MY2022 F450 chassis with a diesel engine.
Production Dates : APR 21, 2022 - APR 21, 2022
VIN Range 1 : Begin : NR End : NR ☐ Not sequential

Vehicle 2 : 2020-2020 Braun Ambulances TLC
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES
Body Style : OTHER
Power Train : DIESEL
Descriptive Information : Recall population is determined by the vehicles that have the affected Hercules HC 1.5 I/O nodes per the supplied serial numbers from Weldon. Vehicles not affected by this recall do not contain the internal terminator resistor. Only one Braun Ambulances MY2020 TLC on a Navistar MY2022 MV607 chassis with a diesel engine.
Production Dates : APR 29, 2022 - APR 29, 2022
VIN Range 1 : Begin : NR End : NR ☐ Not sequential

Vehicle 3 :	2021-2021 Braun Ambulances Chief XL Type I
Vehicle Type :	BUSES, MEDIUM & HEAVY VEHICLES
Body Style :	OTHER
Power Train :	DIESEL
Descriptive Information :	Recall population is determined by the vehicles that have the affected Hercules HC 1.5 I/O nodes per the supplied serial numbers from Weldon. Vehicles not affected by this recall do not contain the internal terminator resistor. Only one Braun Ambulances MY2021 Chief XL Type I on a Dodge MY2022 R5500 chassis with a diesel engine.
Production Dates :	APR 22, 2022 - APR 22, 2022
VIN Range 1 :	Begin : NR End : NR ☐ Not sequential

Description of Defect :

Description of the Defect :	In the affected products, the Node contains a termination resistor installed on the node circuit board instead of the termination resistor being installed only within the electrical harness. If the vehicle network design has not accounted for this additional resistor, it may reduce the bus resistance below the defined tolerance levels and may lead to a loss of data on the CAN network. Installations with multiple nodes are more likely to experience the condition
FMVSS 1 :	NR
FMVSS 2 :	NR
Description of the Safety Risk :	If the bus resistence is reduced, the CAN network connection could faill which may interrupt the transfer of data on this connection. If the CAN network connection is interrupted or fails and depending on how the vehicle's electrical systems are designed, it may impact the operation of various electrical loads controlled by the Node, including vehicle lighting, which may increase the risk of a crash
Description of the Cause :	Due to a bill of material error, a resistor installed on the printed circuit board was inadvertently included by the manufacturer
Identification of Any Warning that can Occur :	NR

Involved Components :

Component Name 1 :	V-mux Hercules HC Node 1.5
Component Description :	High-Content Node
Component Part Number :	Weldon P/N:6060-1000-00 (Braun P/N: 28735)

Supplier Identification :

Component Manufacturer

Name :	Weldon Division of Akron Brass
Address :	3656 Paragon Drive Columbus Ohio 43228
Country :	United States

Chronology :

Weldon, the manufacturer of the defective component, verbally notified Braun Industries of the upcoming recall on 5/9/22. Braun received recall notices from Wheldon for the 22E-037 recall on 5/17/22.

Description of Remedy :

Description of Remedy Program :	Braun Industries will contact affected customers and their dealer in to inform them of the subject components. Braun Industries and/or their dealer will arrange for the affected Weldon Hercules HC 1.5 I/O nodes to be removed from the customer vehicle/s. Replacement nodes will be installed in the customers vehicle/s. Dealers who conduct the removal and replacement of the nodes will contact Braun Industries Service for reimbursement upon completion of work.
How Remedy Component Differs from Recalled Component :	The remedy component will have the additional termination resistor removed from the circuit board.
Identify How/When Recall Condition was Corrected in Production :	Vehicles with the affected node have had those nodes replaced starting on 5/11/22. Remedy of production vehicles at Braun's location is still in process.

Recall Schedule :

Description of Recall Schedule :	NR
Planned Dealer Notification Date :	MAY 25, 2022 - JUN 01, 2022
Planned Owner Notification Date :	MAY 31, 2022 - JUN 07, 2022

* NR - Not Reported