

Part 573 Safety Recall Report

20V-323

Manufacturer Name : Braun Ambulances**Submission Date :** JUN 10, 2020**NHTSA Recall No. :** 20V-323**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 : 31

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2019-2020 Demers Ambulances MXP150E Type I

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : LiquidSpring LLC has determined that a defect which relates to motor vehicle safety exists in a component of certain LiquidSpring rear suspension systems installed on 2019-20 model year RAM 4500/5500 cab chassis, and only suspension systems installed on the above chassis are included in the safety recall. The affected suspension systems have a serial number range 2007563 – 2013191. The suspension system serial number may be found on the serial number plate located on the driver side front frame hanger of the suspension

Production Dates : SEP 27, 2019 - MAY 08, 2020

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2019-2020 Demers Ambulances MXP170E Type I

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : LiquidSpring LLC has determined that a defect which relates to motor vehicle safety exists in a component of certain LiquidSprings rear suspension systems installed on 2019-20 model year RAM 4500/5500 cab chassis, and only suspension systems installed on the above chassis are included in the safety recall. The affected suspension systems have a serial number range 2007563 – 2013191. The suspension system serial number may be found on the serial number plate located on the driver side front frame hanger of the suspension.

Production Dates : SEP 27, 2019 - MAY 08, 2020

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Description of Defect :

Description of the Defect : The affected system component is the rear brake caliper flexible line. The routing of the rear brake caliper flexible lines during the installation of the suspension kit may be causing brake caliper flexible line wear due to contact with a suspension component(s).

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Continued vehicle use with the rear brake caliper flexible line contacting suspension a component(s) may result in partial or complete loss of rear service brakes which could cause damage to the chassis and/or other vehicles, and possibly result in a crash.

Description of the Cause : The cause of the defect is insufficient length of the rear brake caliper flexible line and/or suspension component configuration such that the rear brake caliper flexible line can be routed to not contact any suspension component(s).

Identification of Any Warning that can Occur : The defect may be detected by the vehicle operator by abnormal brake pedal feedback, abnormal stopping ability, or leakage of brake fluid at the rear brake caliper flexible line wear point.

Involved Components :

Component Name 1 : Brake line

Component Description : Rear brake caliper flexible line

Component Part Number : NR

Supplier Identification :**Component Manufacturer**

Name : LiquidSpring LLC

Address : 4899 E 400 South
Lafayette INDIANA 47905

Country : United States

Chronology :

Demers was notified by LiquidSprings of the defect via an email regarding NHTSA Recall Notice 20E031 in May 2020.

Description of Remedy :

Description of Remedy Program :	A kit, P/N 11849, has been generated consisting of 2 OEM banjo bolts, 8 crush washers, 2 banjo blocks, and installation instructions to install the banjo blocks on each rear caliper and modify the rear brake caliper flexible line mounting. A kit, P/N 11871, has been generated with OEM replacement rear brake caliper flexible lines and hardware required to replace worn rear brake caliper flexible lines as needed. LiquidSpring plans to cover all expenses related to the installation of the banjo blocks and/or replacement of worn rear brake caliper flexible lines.
How Remedy Component Differs from Recalled Component :	The presence of the banjo blocks installed between the rear brake caliper and the rear brake caliper flexible line distinguishes vehicles that do or don't have the remedy completed.
Identify How/When Recall Condition was Corrected in Production :	The on-going production remedy for the rear brake caliper flexible line contact issue will be the modified lower axle clamp suspension component that provides clearance without utilizing the banjo manifold block. This change was implemented on all suspension kits shipped after April 22, 2020 by LiquidSpring.

Recall Schedule :

Description of Recall Schedule :	Send Dealer letter to all dealer (sold) units. Mail formal Safety Recall Notice to all dealer/end users to be sent by OEM supplier, LiquidSpring. Verify with vendor, LiquidSpring, that the impacted vehicles have been remedied.
Planned Dealer Notification Date :	JUN 11, 2020 - JUN 25, 2020
Planned Owner Notification Date :	JUN 05, 2020 - JUL 03, 2020

* NR - Not Reported