



U.S. Department of Transportation
**National Highway Traffic Safety
Administration**

1200 New Jersey Avenue SE
Washington, DC 20590

May 19, 2020

Mr. Dean Bartolone
President
LiquidSpring LLC
3416 Rascal Drive
Lafayette, IN 47909

NEF-150KL
20E-031

Subject: Brake Line Routing May Cause Wear and Fluid Leak

Dear Mr. Bartolone:

This letter serves to acknowledge LiquidSpring LLC's notification to the National Highway Traffic Safety Administration (NHTSA) of a safety recall which will be conducted pursuant to Federal law for the product(s) listed below. Please review the following information to ensure that it conforms to your records as this information is being made available to the public. If the information does not agree with your records, please contact us immediately to discuss your concerns.

Makes/Models/Model Years:

RAM/4500/2019-2020
RAM/5500/2019-2020
LIQUID SPRING/DS135RS3-DM/9999
LIQUID SPRING/DS135RS3A/9999
LIQUID SPRING/DS135RS3AF/9999

Mfr's Report Date: May 13, 2020

NHTSA Campaign Number: 20E-031

Components:

SERVICE BRAKES
SERVICE BRAKES, HYDRAULIC:FOUNDATION COMPONENTS:HOSES, LINES/PIPING, AND FITTINGS
SUSPENSION:REAR

Potential Number of Units Affected: 397

Problem Description:

LiquidSpring LLC (LiquidSpring) is recalling certain Compressible Liquid Adaptive Suspension Systems (C.L.A.S.S.), part numbers DS135RS3A, DS135RS3AF, DS135RS3-DM, sold for use with 2019-2020 RAM 4500 and 5500 vehicles. In the affected suspension systems, the rear brake caliper flexible line may have been routed so that it contacts a suspension component, possibly causing excessive wear and a loss of rear brakes. As such, these parts fail to comply with Federal Motor Vehicle Safety Standard (FMVSS) number 105, "Hydraulic and Electric Brake Systems."

Consequence:

A worn rear brake caliper flexible line may cause brake fluid leakage which may result in a partial or complete loss of the rear brakes, increasing the risk of a crash.

Remedy:

LiquidSpring has notified the purchasers, and the affected vehicle manufacturers will file recalls to have their dealers inspect the rear brake caliper flexible lines for wear and install a kit to modify the rear brake caliper flexible line mounting, and if necessary, a kit to

replace worn brake lines, free of charge. The recall is expected to begin June 8, 2020. Owners may contact LiquidSpring customer service at 1-765-474-7816, extension 1.

Notes:

Owners may also contact the National Highway Traffic Safety Administration Vehicle Safety Hotline at 1-888-327-4236 (TTY 1-800-424-9153), or go to www.safercar.gov.

We have received LiquidSpring's proposed owner notification letter and have approved it for distribution.

Under 49 U.S.C. § 30112(a), it is illegal for anyone, including a manufacturer, distributor, dealer, or retailer to sell an item of equipment or vehicle that fails to comply with all applicable Federal motor vehicle safety standards.

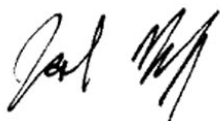
Please be reminded of the following requirements:

Copies of all notices, bulletins, dealer notifications, and other communications that relate to this recall, including a copy of the final owner notification letter and any subsequent owner follow-up notification letter(s), are required to be submitted to this office no later than 5 days after they are originally sent (if they are sent to more than one manufacturer, distributor, dealer, or purchaser/owner).

As stated in Part 573.7, submission of the first of six consecutive quarterly status reports is required within one month after the close of the calendar quarter in which notification to purchasers occurs. Therefore, the first quarterly report will be due on, or before, 30 days after the close of the calendar quarter.

Your contact for this recall will be Kristin Lepper who may be reached by phone at 202-366-5227, or by email at kristin.lepper@dot.gov. We look forward to working with you.

Sincerely,



Joshua Neff
Chief, Recall Management Division
Office of Defects Investigations
Enforcement