

# Part 573 Safety Recall Report

# 21V-016

**Manufacturer Name :** Custom Truck And Body Works**Submission Date :** JAN 20, 2021**NHTSA Recall No. :** 21V-016**Manufacturer Recall No. :** 20E-031**Manufacturer Information :**

Manufacturer Name : Custom Truck And Body Works

Address : 13787 Whitehouse Parkway

Woodbury GA 30293

Company phone : 7065539178

**Population :**

Number of potentially involved : 6

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2020-2020 Dodge 4500 - 5500

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : DIESEL

**Descriptive Information :** Custom Truck and Body Works was notified by NHTSA as well as Liquid Springs In a report dated May 13, 2020, LiquidSpring LLC notified NHTSA that a safety defect exists in 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. Specifically, 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."

(1) Dodge 5500 2019

(1) Dodge 4500 2018

(3) Dodge 4500 2019

(1) Dodge 4500 2020

**Production Dates :** APR 09, 2020 - APR 10, 2020VIN Range 1 : Begin : 3C7WRKCL0KG557560 End : 3C7WRKCL0KG557560  Not sequentialVIN Range 2 : Begin : 3C7WRNCL4KG540729 End : 3C7WRNCL4KG540729  Not sequentialVIN Range 3 : Begin : 3C7WRKCL4KG557559 End : 3C7WRKCL4KG557559  Not sequentialVIN Range 4 : Begin : 3C7WRKCL7KG672303 End : 3C7WRKCL7KG672303  Not sequentialVIN Range 5 : Begin : 3C7WRLBL1LG105397 End : 3C7WRLBL1LG105397  Not sequentialVIN Range 6 : Begin : 3C7WRLBL1LG102712 End : 3C7WRLBL1LG102712  Not sequential

**Description of Defect :**

Description of the Defect : In a report dated May 13, 2020, LiquidSpring LLC notified NHTSA that a safety defect exists in 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. Specifically, 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.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If this happens it can cause a crash, fire or injury

Description of the Cause : 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.

Identification of Any Warning that can Occur : 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)

**Involved Components :**

Component Name 1 : Liquid Spring Suspension System

Component Description : LiquidSpring rear suspension

Component Part Number : DS135RS3A, DS135RS3AF, DS135RS3-DM

**Supplier Identification :****Component Manufacturer**

Name : Liquid Springs

Address : 4899 E 400 S

Lafayette Indiana 47905

Country : United States

**Chronology :**

A Customer notified Liquid Springs (date unknown) of the brake hose clearance issue. Liquid Spring engineers then requested info and verified the issue (date unknown). The engineers redesigned the component and fixed the issue.

## Description of Remedy :

**Description of Remedy Program :** We were contacted by the NHTSA on 12/30/20 and advised of the recall with Liquid Springs. Liquid Springs said that they would be handling the completion of the quarterly reports, but CTBW needed to assist Liquid Springs with notifying all our customers. CTBW notified 3 customers with 6 trucks via email regarding the recall on 1/13/2021. The letter states that Liquid Springs will be sending them the needed parts for repair as well as the customer can invoice Liquid Springs for 1 hour of labor.

**How Remedy Component Differs from Recalled Component :** The banjo blocks are longer than the OE so the brake hoses do not contact the axle clamp.

**Identify How/When Recall Condition was Corrected in Production :** Axle clamp was redesigned to allow additional clearance on 04/09/2020.

## Recall Schedule :

**Description of Recall Schedule :** NHSTA notified CTBW on 12/30/2020  
CTBW notified its 3 customers via email on 1/13/2021  
Liquid Springs is handling the completion of the quarterly reports.

**Planned Dealer Notification Date :** JAN 20, 2021 - JAN 30, 2021

**Planned Owner Notification Date :** JAN 20, 2021 - JAN 30, 2021

\* NR - Not Reported