

# Part 573 Safety Recall Report

# 21V-713

**Manufacturer Name :** Trail King Industries, Inc.

**Submission Date :** SEP 14, 2021

**NHTSA Recall No. :** 21V-713

**Manufacturer Recall No. :** TK202104



## Manufacturer Information :

**Manufacturer Name :** Trail King Industries, Inc.

**Address :** PO BOX 1064

Mitchell SD 57301

**Company phone :** 999

## Population :

**Number of potentially involved :** 14

**Estimated percentage with defect :** 100 %

## Vehicle Information :

**Vehicle 1 :** 2019-2019 Trail King TK80ACS, TK80AACS

**Vehicle Type :** TRAILERS

**Body Style :**

**Power Train :** NR

**Descriptive Information :** Recalling a specific group of 2019 model years that have interference with the slide pan reinforcement and the suspension beams. there are 14 trailers involved in the recall.

**Production Dates :** AUG 01, 2018 - OCT 31, 2018

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

## Description of Defect :

**Description of the Defect :** During normal operation of the trailer, the rear sliding axle suspension beams can make contact with a frame reinforcement that is located directly above. Over time, the vehicle may experience cracking in the suspension beams in the location where the beams make contact with the frame reinforcements.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** If the cracks in the suspension beam continue to develop over time as a result of repeat contact with the frame and are not addressed, the cracks could propagate and potentially allow the suspension beam to come loose or, in extreme cases, to fully detach from the frame bracket, increasing the potential for a crash.

**Description of the Cause :** Interference with a frame reinforcement and the suspension beam during normal suspension movement.

**Identification of Any Warning that can Occur :** Small cracks in the suspension beams may be visible where they interfere with the pan reinforcement upon inspection in some cases.

## Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

## Supplier Identification :

### Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

## Chronology :

On September 2, 2021, during the course of a routine maintenance appointment, one of Trail King's service facilities observed damage to the rear axle suspension beams and frame reinforcement on the trailer. Trail King initiated an investigation to understand the presence of the cracking. As part of the investigation Trail King representatives inspected other trailers of the same build configuration and which were produced in the same time frame. These trailers were also found to have cracking of the suspension beams. A review of the product design indicated that in August 2018, Trail King began production of TK80ACS/TKAACS trailer with a new style 9" ride height suspension and that the change in ride height suspension created interference with the suspension beams and frame reinforcements. These 14 trailers were the only trailers built in this design configuration. On September 9th, 2021, Trail King decided to conduct a recall for this issue.

## Description of Remedy :

Description of Remedy Program : Trail King will replace any suspension beams that show indications of cracking and will replace all of the frame reinforcements with a design that allows for adequate clearance. The repair will be provided on all affected trailers free of charge. A Trail King dealer will first inspect the suspension beams and frame reinforcement. If there are signs of cracking, the trailer will need to be taken out of service until the repair can be completed.

How Remedy Component Differs from Recalled Component : Reinforcements on the frame will be replaced with new reinforcements that will allow for adequate clearance to the suspension beams.

Identify How/When Recall Condition was Corrected in Production : All trailers produced beginning November 1, 2018 have a design that allows for adequate clearance.

**Recall Schedule :**

Description of Recall Schedule : Owners and dealers will be notified VIA certified mail.

Planned Dealer Notification Date : SEP 27, 2021 - OCT 04, 2021

Planned Owner Notification Date : SEP 27, 2021 - OCT 04, 2021

\* NR - Not Reported