

Part 573 Safety Recall Report

21V-066

Manufacturer Name : Trail King Industries, Inc.

Submission Date : FEB 18, 2021

NHTSA Recall No. : 21V-066

Manufacturer Recall No. : TK202101



Manufacturer Information :

Manufacturer Name : Trail King Industries, Inc.

Address : PO BOX 1064

Mitchell SD 57301

Company phone : 999

Population :

Number of potentially involved : 47

Estimated percentage with defect : 90 %

Vehicle Information :

Vehicle 1 : 2019-2021 Trail King TKHDG, TKAMG, TKAHG, TKHG, TKMG, TKMB, TKLPSD WITH DISC BRAKES ONLY

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : the population of 47 was determined by the number of trailers after we know we had a personnel change and omitted the sealing process. The recalled vehicles are missing sealant on the the disc brake chamber extension tube.

Production Dates : MAY 01, 2019 - JAN 01, 2021

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The affected vehicles have missing sealant on the disc brake chamber extension tube in the area between the extension tube and the brake caliper, and in the area between the extension tube and the brake chamber. The condition exists on the front axle only and only in vehicles with yoke type suspension.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Missing sealant could allow water intrusion into the caliper causing corrosion and freezing of the disc brake's caliper mechanism, which could reduce the effectiveness of the trailer's front axle braking function. Although the trailers at issue all are equipped with braking systems on at least one other axle, the diminishment of the front axle braking function eliminates braking redundancy and could increase the risk of an accident

Description of the Cause : When Trail King manufactured the trailers, a specific sealing process was not carried out during the assembly of the axles.

Identification of Any Warning that can Occur : Front axle brakes may stick or not release.

Involved Components :

Component Name 1 : Disc Brake Extension Tube

Component Description : 12" long dsic brake extension tube

Component Part Number : 711300201/K0590-12

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

In November 2020, Trail King received a report from a customer regarding the performance of the front axle on a TKAHG trailer. The trailer was inspected at the dealer and found to have been missing sealant between the disc brake extension tubes and the calipers and brake chambers on the front axle and repaired. Trail King received additional similar reports thereafter and in January 2021, launched a technical investigation to understand the recurrences. The investigation found that due to a changeover in personnel in its axle assembly department that occurred at some point after May 2019, Trail King has omitted to properly seal the disc brake extension tubes during installation in production. On February 10, 2021, Trail King decided to conduct a safety recall.

Description of Remedy :

Description of Remedy Program : Trail King will inspect and seal the disc brake extension tube on the front axle of all affected trailers free of charge. If water has intruded into the caliper mechanism and caused corrosion, the caliper will be replaced.

How Remedy Component Differs from Recalled Component : The remedy will result in adding sealant to the disc brake extension tube as needed and inspecting the front axle brake system.

Identify How/When Recall Condition was Corrected in Production : All trailers manufactured after January 22, 2021 have already been corrected.

Recall Schedule :

Description of Recall Schedule : Trail King has begun to address vehicles in the field and will send a formal customer notification letter upon NHTSA approval.

Planned Dealer Notification Date : MAR 01, 2021 - MAR 12, 2021

Planned Owner Notification Date : MAR 01, 2021 - MAR 12, 2021

* NR - Not Reported