

Part 573 Safety Recall Report

21V-541

Manufacturer Name : Trail King Industries, Inc.

Submission Date : OCT 26, 2021

NHTSA Recall No. : 21V-541

Manufacturer Recall No. : TK202103



Manufacturer Information :

Manufacturer Name : Trail King Industries, Inc.

Address : PO BOX 1064

Mitchell SD 57301

Company phone : 999

Population :

Number of potentially involved : 83

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2018-2020 Trail King TKOLB332NG-HH, TKOLB336NG, TKOLB336NG-HH, TKOLB434NG-HH, TKOLB436NG-HH with Dexter Smart Steer axles

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : The recall is in Coordination with Dexter axle recall 21E-019 in regards to updating the steering arm on certain trailers with Dexter steer axles.

Production Dates : JUL 03, 2017 - AUG 31, 2020

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : Based on the equipment recall report filed by Dexter Axle (21E-019), in certain low speed loading scenarios, the side loads generated on the steer axles may be enough to fail the attaching hardware. The steering arm may become detached from the steering knuckle.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Based on the equipment recall report filed by Dexter Axle (21E-019), there is a potential for pieces of attachment hardware to separate and fall onto the road which may result in a loose projectile increasing the potential risk for a crash. There is no loss of control of the unit when this failure occurs.

Description of the Cause : Based on the equipment recall report filed by Dexter Axle (21E-019), the cause is lack of strength in the attachment of the steering arm to the knuckle for some low speed, high side load maneuvers that some of the trailers are performing.

Identification of Any Warning that can Occur : Based on the equipment recall report filed by Dexter Axle (21E-019), independent castering of steer axle wheels and noise from dragging parts.

Involved Components :

Component Name 1 : Steering Knuckle Assembly

Component Description : Steering Knuckle Assembly

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : Dexter Axle

Address : 2900 INDUSTRIAL PARKWAY EAST
PO BOX 250 Elkhart Indiana 46516

Country : United States

Chronology :

Dexter contacted Trail King in November 2019 to inform us that due to customer complaints / warranty claims for failed steering knuckle assemblies, a service bulletin had been issued in October of 2019 to reinforce the assembly in the area where the steering arm attaches to the knuckle.

Dexter then advised Trail King that Dexter had conducted additional testing and had determined, that an updated service bulletin would need to be issued. On December 4, 2019, Dexter sent Trail King a new TSB requiring two welds to reinforce the bolted joint, described above. Trail King updated all trailers with the Dexter Smart steer axles in its inventory. Since that time, all future Dexter steering axles installed in Trail King trailers have been manufactured with the two welds described above. Recently according to Dexter Axle's recall report, Dexter determined that if left unrepaired, there is a possibility that a failure could leave debris on the road. Dexter thus made the decision to proceed with a recall. On July 15, 2021, Trail King decided to submit a defect information report based on Dexter Axle's recall decision that a safety related defect exists in specific axles.

Description of Remedy :

Description of Remedy Program : The Ingersoll Division of Dexter will provide up to 3 hours of labor and replacement parts necessary to remedy units. This work will be performed at approved repair facilities in accordance with the December 4, 2019 Service Bulletin.

Customers will be advised to contact Dexter Axle directly at RecallSB009R@dexteraxle.com or by calling Phil Schnurr at 1-226-242-5345 to identify an authorized Dexter Canada repair facility that can update their trailer. Trail King will notify its customers and advise them to contact Dexter Axle to have the repair completed.

How Remedy Component Differs from Recalled Component : The remedy components will have dual, augmenting welds, connecting the steering arm to the steering knuckle, in accordance with the December 4, 2019 Service Bulletin.

Identify How/When Recall Condition was Corrected in Production : All trailers produced beginning August 2020, will have the updated steering axle.

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : AUG 02, 2021 - AUG 16, 2021

Planned Owner Notification Date : AUG 02, 2021 - AUG 16, 2021

* NR - Not Reported