

Part 573 Safety Recall Report

17V-494

Manufacturer Name : Trail King Industries, Inc.**Submission Date :** AUG 04, 2017**NHTSA Recall No. :** 17V-494**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Trail King Industries, Inc.

Address : PO BOX 1064

Mitchell SD 57301

Company phone : 999

Population :

Number of potentially involved : 743

Estimated percentage with defect : 30 %

Vehicle Information :

Vehicle 1 : 2012-2014 Trail King TK70HDG, TK80HDG, TK102HDG, TK110HDG, TK110HED

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined by the total production of affected units from June 17, 2011 to January 31, 2014. This recall only includes goosenecks with this specific design. Other similar trailers have a completely different design of gooseneck and pivot area.

Production Dates : JUN 17, 2011 - JAN 31, 2014

VIN Range 1 : Begin : 1TKJ05332CM074808 End : 1TKJ05333EM033977 Not sequential**Description of Defect :**

Description of the Defect : Trail King has determined that the pivot plate reinforcement in the gooseneck pivot area is shorter than necessary to cover fully the transition from the pivot bushing to the lower panel. As a result, over time and depending on customer use, the gooseneck pivot plate can fatigue over time. Although cracks in the lower area of the pivot plate area are visible by inspection either under or from the outside the gooseneck. If left unattended, the cracks may propagate across the pivot area, leading the gooseneck to separate and causing the trailer deck to drop to the ground.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the trailer deck drops, the operator's ability to control the tow vehicle may be impaired, increasing the risk of a crash.

Description of the Cause : The pivot plate reinforcement in the gooseneck pivot area is shorter than necessary to cover fully the transition from the pivot bushing to the lower panel.

Identification of Any Warning that can Occur : Small cracks in the lower area of the pivot plate area, from the outside or underneath the gooseneck, should be visible upon inspection, including during ordinary maintenance or the operator's pre trip inspection.

Supplier Identification :

Component Manufacturer

Name : NR
Address : NR
NR
Country : NR

Chronology :

See attachment for chronology of events.

Description of Remedy :

Description of Remedy Program : Trail King will inspect all vehicles. For any trailers with no signs of visible cracks or those with any partial cracks, Trail King will add reinforcements to the pivot area on all affected trailers free of charge. For any vehicles with a full crack across the pivot plate, the base of the pivot plate will be replaced free of charge.

How Remedy Component Differs from Recalled Component : The reinforcement spans across the pivot area reducing the flex and fatigue of the concerned area. The reinforcement is an added component easily visible after installation.

Identify How/When Recall Condition was Corrected in Production : All trailers produced beginning February 2014 had a different pivot plate design.

Recall Schedule :

Description of Recall Schedule : Will start sending out recall notifications August 21, 2017 through September 29, 2017.
Planned Dealer Notification Date : AUG 21, 2017 - SEP 29, 2017
Planned Owner Notification Date : AUG 21, 2017 - SEP 29, 2017

* NR - Not Reported