

# Part 573 Safety Recall Report

## 24V-021

**Manufacturer Name :** Lode-King Industries, Ltd.**Submission Date :** JAN 18, 2024**NHTSA Recall No. :** 24V-021**Manufacturer Recall No. :** NR**Manufacturer Information :****Population :**

Manufacturer Name : Lode-King Industries, Ltd.

Number of potentially involved : 6

 Address : Box 1146  
 135 Canada St Winkler, Manitoba-  
 Canada 00 R6W4B4

Estimated percentage with defect : 100 %

Company phone : 999

**Vehicle Information :**

Vehicle 1 : 2018-2024 Prestige &amp; Lode King AHV45-3 and AHV50-3

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : Trailers in this recall were identified based on the particular ABS brake system that was employed. There are six (6) semi-trailers included in this recall.

Production Dates : DEC 03, 2018 - NOV 30, 2023

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential**Description of Noncompliance :**

Description of the Noncompliance : The vehicle system that is affected is the ABS brake function, and in particular, trailers that employ a 2S2M or 4S2M ABS system. The nature of this issue is that the ABS sensors may be plugged into the wrong connections on the ABS computer module. In other words, the ABS sensors may be connected backwards to the ABS computer.

FMVSS 1 : 121 - Air brake systems

FMVSS 2 : NR

Description of the Safety Risk : The potential safety risk is that if wheel lock up is sensed at one wheel end during a braking event, the ABS computer may modulate the air brakes on the opposite side of the trailer. This would reduce the braking effectiveness of the service brake system.

Description of the Cause : Insufficient technical data and training provided for personnel building the trailers.

Identification of Any Warning that can Occur : None known.

Involved Components :

Component Name 1 : N/A

Component Description : NR

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

During a recent quality system audit it was detected that a particular trailer had failed the end of line test for the ABS system. Upon further investigation we learned that the ABS sensors had been plugged into the wrong ports on the ABS computer. After a more in depth review it was determined that following a design change to the air tank location and ABS valve orientation the particular shop building this model of trailer were not given the necessary information about how the change affected the installation and testing of the system.

Description of Remedy :

Description of Remedy Program : End user customers may take their trailer to a dealer location to have the corrective action carried out at no cost to them. Alternatively, if the customer wishes to perform the work themselves we will provide a Field Service Bulletin describing the procedure and we will reimburse them for one hour of labor time to carry it out.

How Remedy Component Differs from Recalled Component : N/A

Identify How/When Recall Condition was Corrected in Production : As noted above, this problem was identified when different, more experienced personnel were assigned to perform our end of line test on the ABS system. All new production trailers as of January 12, 2024 are now being fully tested and validated before they are shipped to a dealer or end user.

**Recall Schedule :**

Description of Recall Schedule : NR

Planned Dealer Notification Date : JAN 22, 2024 - FEB 09, 2024

Planned Owner Notification Date : JAN 22, 2024 - FEB 16, 2024

\* NR - Not Reported