

Part 573 Safety Recall Report

23V-009

Manufacturer Name : Lode-King Industries, Ltd.**Submission Date :** JAN 13, 2023**NHTSA Recall No. :** 23V-009**Manufacturer Recall No. :** N/A**Manufacturer Information :**

Manufacturer Name : Lode-King Industries, Ltd.

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

Company phone : 999

Population :

Number of potentially involved : 38

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2016-2023 Lode King & Prestige SDE Step Deck Trailer

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : On certain SDE model step-deck semi-trailers, the cargo securement winch located on the rear of the trailer may not be properly welded. As a result, the cargo winch mount could fail and allow cargo to come loose. Note: This recall only affects trailers equipped with a beavertail style ramp at the rear. There are 38 semi-trailers included in this recall campaign. This population of trailers was determined by reviewing all trailers built in this configuration since the beginning of production.

Production Dates : AUG 07, 2015 - SEP 23, 2022

VIN Range 1 : Begin : 2LDS5333GE061785 End : 2T9SD532XPE206290 Not sequential

Vehicle 2 : 2016-2023 Lode King & Prestige SDE Steel step deck semi-trailers

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : This recall population represents all trailers built in this specific configuration. The recall trailers all have steel channel side rails with the cargo winches welded onto the side rail in the area of the rear beavertail ramp system. There are 38 semi-trailers affected by this recall.

Production Dates : AUG 07, 2013 - SEP 23, 2022

VIN Range 1 : Begin : 2LDS5333GE061785 End : 2T9SD532XPE206290 Not sequential

Description of Defect :

Description of the Defect : These trailers all have labelling that defines the Working Load Limit (WLL) for their cargo securement devices at 5,000 lb. The validation of this WLL is done by testing to exhibit a breaking strength of three times (3X) the WLL or 15,000 lb. In the case of these particular cargo winches, they need to be welded on three sides: top, bottom and pawl end of the winch frame to achieve this load carrying capacity. There will be either two or three of these winches on each trailer. The weld on the end of the winch frame is missing.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In the event of a crash, cargo that comes loose or fall from the trailer could create a risk of injury and create a road hazard for others.

Description of the Cause : During a recent quality system audit it was noted that a detailed installation drawing, complete with weld symbols, was not provided to production personnel for this winch installation. Subsequently, these winches were only welded along the top and bottom sides – the end weld was omitted.

Identification of Any Warning that can Occur : None known.

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 :

During a recent quality system audit it was noted that a detailed installation drawing, complete with weld symbols, was not provided to production personnel for this winch installation. Subsequently, these winches

were only welded along the top and bottom sides – the end weld was omitted. With this end weld being missed the cargo winch fails at approximately 13,000 lb of load, just shy of the required 15,000 lb.

Description of Remedy :

Description of Remedy Program : The remedy for this defect is to simply add the missing weld on the end of the winch frame. Paint touch up will restore the appearance after the welding is completed.

How Remedy Component Differs from Recalled Component : A full fillet weld along the top, bottom and pawl side of the winch frame, where it is welded to the side rail of the trailer. Prior to remedy being applied, the vertical weld along the end of the winch frame will be missing.

Identify How/When Recall Condition was Corrected in Production : For ongoing production a fully detailed drawing, including weld symbols was provided for production personnel, followed by clear oral instructions.

Recall Schedule :

Description of Recall Schedule : Once a Recall number is assigned, we will send out Notification letters to the customers/owners of these trailers. In parallel we will advise our dealers of this recall and the action they need to take in response.

Planned Dealer Notification Date : JAN 23, 2023 - FEB 03, 2023

Planned Owner Notification Date : JAN 23, 2023 - FEB 24, 2023

* NR - Not Reported