

Part 573 Safety Recall Report

20V-230

Manufacturer Name : LODE-KING INDUSTRIES LTD**Submission Date :** APR 22, 2020**NHTSA Recall No. :** 20V-230**Manufacturer Recall No. :** 2020-171**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 : 43

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2015-2021 Prestige Trailers SDG53-2

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : On these SDG step-deck semi-trailers, the cargo securing winches may not be properly mounted to the trailer. As a result, the cargo winch mount could fail and allow cargo to come loose.

Production Dates : FEB 14, 2017 - JAN 13, 2020

VIN Range 1 : Begin : 2LDS532XJG064010 End : 2LDSG5329MG069431 Not sequential**Description of Defect :**

Description of the Defect : The mount used to secure the cargo winches to the side rail of the trailers may be of inadequate strength to meet its intended load rating.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The potential safety risk with this defect relates to cargo securement on the trailer. These winches are designed to accept a 4" wide webbing strap for securing the load on the deck. If the mount for the winch failed in service it could allow the cargo to come free from the trailer. Similarly, in a crash situation where much higher forces can be experienced, it is possible this mount may fail catastrophically and allow the load to come free from the trailer. We want to be certain to avoid that type of occurrence.

Description of the Cause : The weld which connects the winch mount to the winch body may be inadequate for the application.

Identification of Any Warning that can Occur : NR

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 :

We have recently renovated and upgraded our test rig used to perform the load securement tests required to verify the load rating of our load securement devices. As part of our ongoing due diligence activities we have decided to retest any of our devices where the existing test data was more than 5 years old. During that work we came across this special winch installation where failure was experienced before reaching the prescribed 15,056 lb of force.

Description of Remedy :

Description of Remedy Program : The remedy of this defect will be to redesign the mounting system for this cargo winch. Once completed, the new design will be tested to validate its strength to ensure it meets the desired load rating. This new design will then be manufactured and sent out the dealer locations where the affected trailers are located. The dealers will unbolt the existing defective cargo winches and will replace them with the new version that will be provided by the manufacturer. This replacement remedy will be done at no cost to end user customer.

How Remedy Component Differs from Recalled Component : The remedy item will be redesigned for increased strength. That work is being carried out now.

Identify How/When Recall Condition was Corrected in Production : There are currently none of this particular cargo winch in our production pipeline. Any new trailers built in the future which need this specific cargo winch will receive the new design configuration.

Recall Schedule :

Description of Recall Schedule : We will immediately begin to contact the owners of these trailers to advise of the Recall and the need to get the unit back to the dealer for remedial action. It will take 3 - 4 weeks to complete and test the redesign, then build the replacement parts, before they can be shipped to the dealers.

Planned Dealer Notification Date : APR 23, 2020 - MAY 01, 2020

Planned Owner Notification Date : APR 24, 2020 - MAY 01, 2020

* NR - Not Reported