

# Part 573 Safety Recall Report

# 18V-563

**Manufacturer Name :** Navistar, Inc.

**Submission Date :** AUG 24, 2018

**NHTSA Recall No. :** 18V-563

**Manufacturer Recall No. :** None



## Manufacturer Information :

Manufacturer Name : Navistar, Inc.  
 Address : 2701 Navistar Drive  
 Lisle IL 60532  
 Company phone : 331-332-1590

## Population :

Number of potentially involved : 631  
 Estimated percentage with defect : 100 %

## Vehicle Information :

Vehicle 1 : 2015-2019 IC Bus CE

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

**Descriptive Information :** School bus; 29 to 77 passengers and equipped with Ricon S Series and K Series Titanium wheelchair lift, part numbers K200, K201, K550, K551, S200, S201, S550, and S551. The inclusive dates of manufacture were determined by when the Titanium wheel chair lifts went into production through the date a production stop was put into place for vehicles coded for Ricon wheelchair lifts.

The vehicles in the suspect population were built with Ricon Titanium wheelchair lifts and similar vehicles were not built with Ricon Titanium wheelchair lifts.

**Production Dates :** APR 10, 2014 - MAY 09, 2018

VIN Range 1 : Begin : NR End : NR

Not sequential

## Description of Defect :

**Description of the Defect :** As reported in Ricon 573 18E-044, the lift positioning input cam (cam) may fail while the lift is in use.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** As reported in Ricon 573 18E-044, if the cam fails and the lift operator continues to press the "up" button on the operating pendant while the lift is occupied, the cutoff switch is disabled, and the platform can travel past the vehicle floor height, potentially causing the occupant to tip inwards, toward the vehicle.

**Description of the Cause :** As reported in Ricon 573 18E-044, the cause of the break in the cam has not been determined.

Identification of Any Warning None  
that can Occur :

## Supplier Identification :

### Component Manufacturer

Name : Ricon Corporation (Ricon)  
Address : 1135 Aviation Place  
San Fernando 91340  
Country : NR

## Chronology :

07/02/2018 – Ricon informs Navistar of their filing a 573 report to NHTSA for the Titanium Lift cam.

07/11/2018 – Navistar initiates investigation to better understand the issue.

07/12/18 through 08/15/18 – Navistar works with field service to determine possible cam failures in the field. After contacting several bus dealers that are distributors of Ricon lifts, Navistar was unable to find any know failures on IC bus products. Review of warranty claims did not reveal any cam failures either. Navistar and Ricon engineering met several times to analyze the part design and failure mechanisms. No root cause was determined.

08/16/2018 – Navistar finalizes the number of buses that could have been built with the Ricon Titanium lift.

08/20/2018 – Navistar meets to review the effect of a failed cam in the lift and based on its investigation and information provided by Ricon, declares a Safety Recall.

## Description of Remedy :

Description of Remedy Program : The remedy will involve replacing the injection molded cam with a new aluminum machined cam.

Ricon will administer the campaign, notify customers, supply remedy, and provide quarterly completion reports as outlined in Ricon's defect report (NHTSA campaign number: 18E-044).

Because Ricon is administering the campaign, any plan for pre-remedy reimbursement will be handled by Ricon.

**How Remedy Component Differs from Recalled Component :** The remedy cam is a machined aluminum cam where the recalled cam is an injection molded plastic cam.

**Identify How/When Recall Condition was Corrected in Production :** As reported in Ricon 573 18E-044, it is anticipated that a production change will be implemented beginning on or about July 30, 2018. No new lifts have been shipped from Ricon following a decision to submit a noncompliance recall report related to a separate aspect of the same product on May 9, 2018. (See NHTSA ID 18E034).

## **Recall Schedule :**

**Description of Recall Schedule :** Navistar will supply Ricon with customer name and address information and Ricon will mail customer notification by 10/23/2018.  
It is estimated that Ricon will notify their dealers by 10/23/2018.

**Planned Dealer Notification Date :** OCT 23, 2018 - OCT 23, 2018

**Planned Owner Notification Date :** OCT 23, 2018 - OCT 23, 2018

\* NR - Not Reported