

Part 573 Safety Recall Report

21E-068

Manufacturer Name : Ricon Corporation**Submission Date :** SEP 15, 2021**NHTSA Recall No. :** 21E-068**Manufacturer Recall No. :** NR**Manufacturer Information :****Manufacturer Name :** Ricon Corporation**Address :** 1135 Aviation Place
San Fernando CA 91340-1460**Company phone :** 818-267-3000**Population :****Number of potentially involved :** 1,877**Estimated percentage with defect :** 100 %**Equipment Information :****Brand / Trade 1 :** Ricon**Model :** Baylift Wheelchair Lift**Part No. :** RISSBF3XXX-XX**Size :** NR**Function :** Platform Lifts**Descriptive Information :** All Ricon Baylift Series Wheelchair Lifts produced between April 2005 and April 22, 2020.**Production Dates :** APR 01, 2005 - APR 22, 2020**Description of Defect :****Description of the Defect :** When the outer barrier is fully deployed, it cannot withstand a 7,117 N (1,600 pounds) force when tested in accordance with FMVSS 403, S7.13 and does not meet the requirements of FMVSS 403, S6.4.7.3.**FMVSS 1 :** 403 - Platform lift systems**FMVSS 2 :** NR**Description of the Safety Risk :** If an occupant's mobility device unexpectedly drives or pushes into the deployed outer barrier and it is unable to withstand the minimum designated amount of force, the integrity or performance of the outer barrier may be affected and can increase the risk of injury to the lift occupant.**Description of the Cause :** NR**Identification of Any Warning that can Occur :** None**Involved Components :**

Component Name : ASSY. OUTER BARRIER, W/SAFETY TREAD

Component Description : LIFT OUTER BARRIER ASSEMBLY. (1 PER LIFT)

Component Part Number : RI67298

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

In July 2020, Ricon received an order from an OEM customer for several units of the Baylift model platform. The Baylift platform is a specialty product that is used in motorcoach buses and since the product was initially offered, Ricon has only produced and sold a relatively low volume of Baylifts. After receiving the OEM customer order and given the passage of time since the operation of the Baylift was previously considered, Ricon began to take steps to reevaluate the performance of the Baylift against FMVSS 403. In August 2020, Ricon put processes into place to prevent the shipment of any Baylift units to customers until the evaluation was finalized. In Fall 2020, preliminary findings were considered against an exemplar Baylift and Baylift design documents, however, the lack of a top level design (a complete CAD model that allows for detailed evaluation of parts dimensions) complicated the analysis and in November 2020, a second exemplar model was produced so that Ricon could continue its analysis. When the analysis of this exemplar model also did not provide certainty as to the performance of certain aspects of the lift, Ricon started the process of generating a top level model that could be used to analyze the parts and dimensions. Ricon then reviewed whether the potential concerns that had initially been identified in fact presented a noncompliance. This evaluation was carried out through Spring 2021. On July 19, 2021, Ricon met with NHTSA to review and discuss certain substantive and process oriented issues regarding its consideration of the Baylift. On July 20, 2021, Ricon determined that a noncompliance existed as to the requirement that the deployed outer barrier be able withstand a minimum amount of force as required in FMVSS 403, S6.4.7.3..

Description of Remedy :

Description of Remedy Program : Ricon will notify customers of the noncompliance and will take steps to remedy the units in the field. Ricon will reimburse customers that have previously paid to repair the outer barrier on the subject platform lifts to bring it into compliance with the minimum force requirement of FMVSS 403, S6.4.7.3, following Ricon's review and approval of complete supporting documentation (including repair records) from the customer.

How Remedy Component Differs from Recalled Component : Units remedied in the field and new production lifts will incorporate a RH and LH side barrier support feature above the outer barrier hinge axis that will aide in rotationally constraining the outer barrier when it is loaded in the fully deployed position. The support feature will redistribute and reduce torsional stresses in the barrier hinge pin assemblies to withstand the application of 7,117 N (1,600 lb force) in compliance with the requirements of S6.4.7.3.

Identify How/When Recall Condition was Corrected in Production : A production change will be implemented beginning August 1, 2021.

Recall Schedule :

Description of Recall Schedule : .

Planned Dealer Notification Date : AUG 23, 2021 - AUG 23, 2021

Planned Owner Notification Date : SEP 21, 2021 - SEP 21, 2021

Purchaser Information :

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : ABC BUS
Address : 3720 SOUTH MADISON STREET
MUNCIE IN 47302
Country : US
Company Phone : 222-2871 x77324

Name : Dattco
Address : 583 SOUTH STREET
NEW BRITAIN CT 06051
Country : US
Company Phone : 635-8234 x 2135

Name : MCI

Address : 552 WEST STUTSMAN AVE.
PEMBINA ND 58271

Country : US

Company Phone : 224-6368

Name : MCI Parts

Address : 4001 UNIVERSAL COACH DRIVE
LOUISVILLE KY 40258

Country : US

Company Phone : 318-3020

Name : Volvo de Mexico

Address : Lago de Guadalupe 289
Ex Rancho La Cadena Portales y Cartagena 00 CP.54900

Country : MX

Company Phone : (52) 5541130488

* NR - Not Reported