

# Part 573 Safety Recall Report

# 15V-112

**Manufacturer Name :** Farber Specialty Vehicles**Submission Date :** MAY 10, 2016**NHTSA Recall No. :** 15V-112**Manufacturer Recall No. :** 14E-041**Manufacturer Information :**

Manufacturer Name : Farber Specialty Vehicles

Address : 7052 Americana Parkway

Reynoldsburg OH 43068

Company phone : 800-331-3188

**Population :**

Number of potentially involved : 117

Estimated percentage with defect : 3 %

**Vehicle Information :**

Vehicle 1 : 1993-1993 Bluebird Bus

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : NR

Descriptive Information : Ricon Public Use, "S" 2000 and 5500 Series Wheelchair lifts equipped with platforms measuring 32"X 51" and 34"X 54".

Production Dates : APR 01, 2009 - JUL 31, 2009

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 2 : 2009-2009 Cargo Mate Trailer

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : Ricon Public Use, "S" 2000 and 5500 Series Wheelchair lifts equipped with platforms measuring 32"X 51" and 34"X 54".

Production Dates : JAN 15, 2009 - FEB 14, 2009

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 3 : 2008-2008 Utilimaster Chevrolet C5500

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : NR

Descriptive Information : Ricon Public Use, "S" 2000 and 5500 Series Wheelchair lifts equipped with platforms measuring 32"X 51" and 34"X 54".

Production Dates : JUN 01, 2008 - SEP 04, 2008

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 4 : 2011-2011 Winnebago WFJ38S

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : NR

Descriptive Information : Ricon Public Use, "S" 2000 and 5500 Series Wheelchair lifts equipped with platforms measuring 32"X 51" and 34"X 54".

Production Dates : JUN 28, 2011 - JUL 28, 2011

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 5 : 2006-2013 Ford E450 Supreme

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : NR

Descriptive Information : Ricon Public Use, "S" 2000 and 5500 Series Wheelchair lifts equipped with platforms measuring 32"X 51" and 34"X 54".

Production Dates : JAN 15, 2007 - JUL 24, 2013

VIN Range 1 : Begin : 1FDWE45P28DA95119 End : 1FDXE4FS9DDA38787

Not sequential

Vehicle 6 : 2011-2012 Ford F550 Custom Fab

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : NR

Descriptive Information : Ricon Public Use, "S" 2000 and 5500 Series Wheelchair lifts equipped with platforms measuring 32"X 51" and 34"X 54".

Production Dates : MAR 30, 2011 - AUG 10, 2012

Vehicle 7 : 2011-2012 Ford F550 Supreme

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Ricon Public Use, "S" 2000 and 5500 Series Wheelchair lifts equipped with platforms measuring 32"X 51" and 34"X 54".

Production Dates : SEP 09, 2011 - FEB 28, 2012

Vehicle 8 : 2010-2010 Freighliner XCS

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Ricon Public Use, "S" 2000 and 5500 Series Wheelchair lifts equipped with platforms measuring 32"X 51" and 34"X 54".

Production Dates : JUN 18, 2014 - AUG 18, 2014

Vehicle 9 : 2010-2014 Supreme/Freightliner M2

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Ricon Public Use, "S" 2000 and 5500 Series Wheelchair lifts equipped with platforms measuring 32"X 51" and 34"X 54".

Production Dates : APR 16, 2011 - MAR 27, 2014

Vehicle 10 : 2005-2013 Utilimaster MT55

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Ricon Public Use, "S" 2000 and 5500 Series Wheelchair lifts equipped with platforms measuring 32"X 51" and 34"X 54".

Production Dates : APR 15, 2005 - JUL 08, 2013

Vehicle 11 : 2011-2011 Glaval/Freightliner MBC

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Ricon Public Use, "S" 2000 and 5500 Series Wheelchair lifts equipped with platforms measuring 32"X 51" and 34"X 54".

Production Dates : NOV 15, 2012 - JAN 15, 2013

Vehicle 12 : 2007-2007 GMC 6500

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Ricon Public Use, "S" 2000 and 5500 Series Wheelchair lifts equipped with platforms measuring 32"X 51" and 34"X 54".

Production Dates : JUN 01, 2008 - AUG 01, 2008

Vehicle 13 : 2006-2007 Strick Trailer

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : Ricon Public Use, "S" 2000 and 5500 Series Wheelchair lifts equipped with platforms measuring 32"X 51" and 34"X 54".

Production Dates : DEC 04, 2006 - JAN 27, 2011

Vehicle 14 : 2013-2013 Winnebago WFJ33S  
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES  
Body Style :  
Power Train : NR

Descriptive Information : Ricon Public Use, "S" 2000 and 5500 Series Wheelchair lifts equipped with platforms measuring 32"X 51" and 34"X 54".

Production Dates : JUL 25, 2013 - OCT 25, 2013

Vehicle 15 : 2010-2010 Winnebago WFE30W  
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES  
Body Style :  
Power Train : NR

Descriptive Information : Ricon Public Use, "S" 2000 and 5500 Series Wheelchair lifts equipped with platforms measuring 32"X 51" and 34"X 54".

Production Dates : JUL 30, 2010 - SEP 30, 2010

Vehicle 16 : 2006-2006 Winnebago WFF31S  
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES  
Body Style :  
Power Train : NR

Descriptive Information : Ricon Public Use, "S" 2000 and 5500 Series Wheelchair lifts equipped with platforms measuring 32"X 51" and 34"X 54".

Production Dates : MAY 07, 2006 - JUL 11, 2006

Vehicle 17 : 2008-2008 Winnebago WFF38S  
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES  
Body Style :  
Power Train : NR

Descriptive Information : Ricon Public Use, "S" 2000 and 5500 Series Wheelchair lifts equipped with platforms measuring 32"X 51" and 34"X 54".

Production Dates : SEP 07, 2007 - NOV 07, 2007

Vehicle 18 : 2005-2005 Winnebago WFG38S  
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES  
Body Style :  
Power Train : NR

Descriptive Information : Ricon Public Use, "S" 2000 and 5500 Series Wheelchair lifts equipped with platforms measuring 32"X 51" and 34"X 54".

Production Dates : JUL 12, 2005 - JUN 28, 2006

Vehicle 19 : 2012-2014 Winnebago WFJ33S  
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES  
Body Style :  
Power Train : NR

Descriptive Information : Ricon Public Use, "S" 2000 and 5500 Series Wheelchair lifts equipped with platforms measuring 32"X 51" and 34"X 54".

Production Dates : JUN 23, 2011 - APR 29, 2014

Vehicle 20 : 2009-2009 Winnebago WFJ35S  
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES  
Body Style :  
Power Train : NR

Descriptive Information : Ricon Public Use, "S" 2000 and 5500 Series Wheelchair lifts equipped with platforms measuring 32"X 51" and 34"X 54".

Production Dates : NOV 11, 2009 - JAN 11, 2010

Vehicle 21 : 2010-2014 Winnebago WFJ38S  
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES  
Body Style :  
Power Train : NR

Descriptive Information : Ricon Public Use, "S" 2000 and 5500 Series Wheelchair lifts equipped with platforms measuring 32"X 51" and 34"X 54".

Production Dates : JAN 03, 2010 - JUN 16, 2014

Vehicle 22 : 2007-2007 Winnebago WPF33S  
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES  
Body Style :  
Power Train : NR

Descriptive Information : Ricon Public Use, "S" 2000 and 5500 Series Wheelchair lifts equipped with platforms measuring 32"X 51" and 34"X 54".

Production Dates : NOV 26, 2006 - JAN 26, 2007

Vehicle 23 : 2006-2006 Winnebago WPF38S  
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES  
Body Style :  
Power Train : NR

Descriptive Information : Ricon Public Use, "S" 2000 and 5500 Series Wheelchair lifts equipped with platforms measuring 32"X 51" and 34"X 54".

Production Dates : NOV 22, 2006 - JUN 01, 2007

Vehicle 24 : 2010-2010 Workhorse 38S

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Ricon Public Use, "S" 2000 and 5500 Series Wheelchair lifts equipped with platforms measuring 32"X 51" and 34"X 54".

Production Dates : JAN 04, 2011 - MAR 04, 2011

## Description of Noncompliance :

Description of the Noncompliance : In vehicles of the type referenced above, the Wheelchair lifts platforms included on the subject S-Series model wheelchair lifts can exhibit cracking of the platform side plate while in the stowed position which, if left unchecked, can propagate to the point where separation of the rear portion of the side plate occurs rendering the lift potentially inoperable and possibly unsafe for the operator.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In the event the aforementioned crack occurs on both sides of the platform and is allowed to propagate to the point of material separation on both sides it is possible for the lift platform to lean against the vehicle lift door(s) and fall out of the vehicle when the door(s) is opened putting the lift operator at risk. It is not believed that cracking of the platform side plate poses a safety hazard for lift occupants. Field observations indicate that the subject failure is precipitated by cracking that propagates from the bottom of the stowed platform. When the lift is deployed and loaded normally, the load experienced by the area adjacent to the point of crack initiation is primarily compressive. Accordingly, the crack will not propagate when the platform is loaded. Moreover, in the event the crack propagates all the way through the compressive zone and into the tensile zone, the amount of material loaded in tension required to support the rated load on the platform is less than 10% of the total height of the side plate. Further, as the construction of the joint between the side plate and the vertical arm is redundant (present on both sides of the lift). A complete separation of the side plate on one side of the lift does not result in a catastrophic failure of the platform. Given the aforementioned, it is believed that separation is considerably more likely to occur while the platform is stowed than during normal operation. Ricon believes that the aforementioned mechanism accounts for why there have been no reported failures of occupied platforms.

Description of the Cause : Though the root cause is not known, analysis of failed components indicates the aforementioned cracks are the result of high load, low cycle fatigue occurring in the stowed position. Ricon believes that the excitation frequency found in vehicles of the type referenced above combined with a variety of other factors including but not necessarily limited to a drifting hydraulic system, a

Identification of Any Warning that can Occur : poorly adjusted or non-functional stow lock, bent vertical arms and/or a low hydraulic fluid level precipitate the conditions under which the lift side plates may crack.

Cracks are visible and can be detected during routine checks outlined in the maintenance manual. In the event separation occurs on one side of the platform, the platform will sag to one side increasing the likelihood that the issue will be perceived by the operator. Moreover, in the unlikely event that the operator does not notice the separation when the unit is deployed, the separated side will most likely not operate properly upon stow causing the unit to jam. In the event separation occurs on both sides and the lift platform leans inboard against the interlocked occupant restraint belt and will not deploy. In the event separation occurs on both sides and the lift platform leans outboard against the door, it will likely bounce against the door causing abnormal noise detectable by the driver.

### Supplier Identification :

#### Component Manufacturer

Name : Ricon Corporation  
Address : 1135 Aviation Place  
San Fernando CALIFORNIA 91340  
Country : United States

### Chronology :

On September 16, 2014 Farber Specialty Vehicles received notification from Ricon.  
On December 8, 2014 Farber Specialty Vehicles received notification from NHTSA.  
On February 23, 2015 Part 577 Owner Notification Envelope was sent to NHTSA  
On February 23, 2015 Postcard SAFETY RECALL REPLY was sent to NHTSA  
On February 23, 2015 Draft Owner Notification Letter (Part 577) was sent to NHTSA and Rejected  
On March 9, 2015 Draft Owner Notification Letter (Part 577) / NOTES: We will only use (1) Makes/Models/ Model Years per customer letter was sent to NHTSA.  
On March 26 2015 Owner Notification Letter (Part 577) / NOTES: We will only use (1) Makes/Models/Model Years per customer letter was sent to NHTSA.  
On March 9, 2015 Owner Notification were sent.

### Description of Remedy :

Description of Remedy Program : Ricon will supply a supplemental platform support bumper kit at no charge. The bumpers are fitted to the upper parallel arms and engage the

sides of the platform when it is fully stowed. By limiting the amplitude through which the platform is allowed to oscillate, the load transferred through the structure at the pivot plate is significantly reduced such that mechanism that precipitates the cracks cannot occur. Any platforms wherein a crack has begun to propagate, Ricon will replace the platform.

How Remedy Component Differs from Recalled Component :

Any unit in the field that is not cracked is acceptable to use. The aforementioned bumper kit is recommended to ensure that the platform pivot plates do not crack in the future.

Identify How/When Recall Condition was Corrected in Production :

Platforms on new construction will be made from higher strength steel and will not require the bumper kit.

### Recall Schedule :

Description of Recall Schedule :

Farber Specialty Vehicles Inc. anticipates the recall campaign will begin on March 2, 2015 with the notification of vehicle customers.

Planned Dealer Notification Date :

NR - NR

Planned Owner Notification Date :

MAR 09, 2015 - MAR 09, 2015

\* NR - Not Reported