

Part 573 Safety Recall Report

15V-750

Manufacturer Name : Eldorado National-Kansas

Submission Date : MAY 19, 2016

NHTSA Recall No. : 15V-750

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Eldorado National-Kansas

Address : 1655 Wall Street
Salina KS 67401

Company phone : (913) 392-2171

Population :

Number of potentially involved : 2,978

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2006-2014 Ford VersaShuttle

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : VAN

Power Train : NR

Descriptive Information : Ricon Corporation Equipment Recall 15E-068.

The platforms included on the subject S-series model (2005, 2010, 5005, 5010, 5505, 5510) wheelchair lifts, with platforms measuring 32" x 51" and 34" x 54", can exhibit cracking of the platform pivot plate while in the stowed position.

Production Dates : JAN 01, 2006 - AUG 25, 2014

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 2 : 2006-2015 Ford, Chevy, Navistar Aerotech, AeroElite, Aerolite, Advantage, Transtech, Krystal

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : NR

Descriptive Information : Ricon Corporation Equipment Recall 15E-068.

The platforms included on the subject S-series model (2005, 2010, 5005, 5010, 5505, 5510) wheelchair lifts, with platforms measuring 32" x 51" and 34" x 54", can exhibit cracking of the platform pivot plate while in the stowed position.

Production Dates : JAN 01, 2006 - AUG 25, 2014

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : Ricon reported, under certain conditions present in some applications, the platforms included on the subject S-series model wheelchair lifts can exhibit

	cracking of the platform pivot plate while in the stowed position which, if left unchecked, can propagate to the point where separation of the rear portion of the pivot plate occurs rendering the lift potentially inoperable and possibly unsafe for the operator.
FMVSS 1 :	NR
FMVSS 2 :	NR
Description of the Safety Risk :	Ricon reported, in the event the aforementioned crack occurs on both sides of the platform and/or 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(are) opened putting the lift operator at risk.
Description of the Cause :	Ricon reported, the pivot bushing holes in the folding link arms were found to be larger than specified thus allowing the bushing to withdraw which causes substantial amount of free play in the stowed ramp. The free play allows for oscillation while stowed, and an increased load being applied to the platform mounting, causing a failure.
Identification of Any Warning that can Occur :	Ricon reported, if the bearing has moved out of position it is visible to inspection. The cracks, as well, 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 outboard against the interlocked occupant restraint belt and will not deploy. Further, in the event that separation occurs on both side, and the 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 October 26, 2015, Eldorado National (Kansas), Inc. received a letter from Ricon Corporation stating that Recall 15E-068 had been recorded.

NHTSA Action Number RQ15002 Wheelchair Lift Platform Failure Summary concludes that Recall 14E-041 was inadequate. Consequently, Ricon decided to conduct a second recall, Recall 15E-068.

Description of Remedy :

Description of Remedy Program : Ricon reported, they will provide instruction to inspect for damaged or displaced bearings. In addition, inspect for any signs of cracking or failure. If damage is found, Ricon will supply all material(s), and field modification instructions at no charge.

How Remedy Component Differs
from Recalled Component : NR

Identify How/When Recall Condition
was Corrected in Production : Ricon reported, as of September 25, 2015 Ricon had production remedies in place to prevent these defects.

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : DEC 17, 2015 - DEC 18, 2015

Planned Owner Notification Date : DEC 28, 2015 - DEC 31, 2015

* NR - Not Reported