

Part 573 Safety Recall Report

15V-239

Manufacturer Name : Polaris Industries, Inc.

Submission Date : AUG 24, 2016

NHTSA Recall No. : 15V-239

Manufacturer Recall No. : L-15-01



Manufacturer Information :

Manufacturer Name : Polaris Industries, Inc.

Address : 7290 Vikings Blvd E

Wyoming MN 55092

Company phone : 888-704-5290

Population :

Number of potentially involved : 628

Estimated percentage with defect : 5 %

Vehicle Information :

Vehicle 1 : 2009-2010 GEM eLXD L09GVHA4X, L10GVHA4X

Vehicle Type : LIGHT VEHICLES

Body Style : OTHER

Power Train : HYBRID ELECTRIC

Descriptive Information : All model year 2009 and 2010 eLXD models are affected.

Production Dates : NOV 25, 2008 - DEC 30, 2010

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : In some vehicles, frame welds located between the cab and cargo bed can fatigue and crack over time. This could cause the frame to separate during vehicle operation.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If a frame were to separate the vehicle would come to a stop and would be difficult to move and as part of the frame would be contacting the pavement. This could create a traffic impediment.

The occupant space between the steering wheel and the occupants is reduced and could make it difficult for someone to exit the vehicle.

The frame is about 8-inches above the pavement and a frame that separates quickly would create a momentary, sudden downward movement and the occupants would experience a sudden drop.

Description of the Cause : The design of the chassis and product usage patterns contribute to stresses on the welds and joints of the chassis. Over time, the frame could crack, and if not noticed, could eventually separate.

Identification of Any Warning that can Occur : It is possible to identify the issue by a visual inspection. A frame that is not cracked or has minor cracks that have not propagated up the sides of the frame rail is safe to operate.

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

GEM has received four complaints of broken frames.

Originally, GEM believed that these failures were due to severe overloading of the vehicle and were not the result of a defect.

Subsequent investigations revealed that the previous owner of GEM had introduced a welded, reinforcing strap for the frame beginning in model year 2011. GEM then began inspecting vehicles at various locations and discovered 3 more broken frames and frames that were cracked.

Due to the testing and engineering analysis that GEM has done, a decision was made that the issue needs to be addressed.

Description of Remedy :

Description of Remedy Program : GEM is currently developing a field repair to address this issue.

GEM will notify each registered owner of an affected vehicle with a safety recall letter explaining the issue. GEM will also provide owners with a visual inspection procedure so that it can be determined if the vehicle is safe to operate until the field repair can be performed.

These repairs will be performed at no charge to the consumer.

GEM will notify its dealer network concerning the upcoming recall repairs with an interim notification and a final Safety Bulletin when the repair become available.

The following appears in the consumer letter regarding reimbursement: If you have had this repair performed before you received this letter, you may be eligible to receive reimbursement for the cost of obtaining a pre-notification remedy of the problem associated with this recall. For more information regarding reimbursement please contact your GEM dealer or the GEM Consumer Service Department using the information above.

How Remedy Component Differs from Recalled Component :	Beginning in model year 2011 the frames are constructed with a reinforcing frame member at the area of concern.
Identify How/When Recall Condition was Corrected in Production :	Since model year 2011, a reinforcing frame member at the area of concern has been part of the frame design.

Recall Schedule :

Description of Recall Schedule :	GEM expects that the processes and parts necessary to perform the field repair will be available by the end of May, 2015. Dealer notices and consumer notices will begin mid-May, 2015.
Planned Dealer Notification Date :	MAY 15, 2015 - MAY 15, 2015
Planned Owner Notification Date :	MAY 15, 2015 - MAY 22, 2015

* NR - Not Reported