

**Part 573 Safety Recall Report****15V-634****Manufacturer Name :** Volvo Trucks North America**Submission Date :** NOV 30, 2015**NHTSA Recall No. :** 15V-634**Manufacturer Recall No. :** RVXX1506**Manufacturer Information :**

Manufacturer Name : Volvo Trucks North America

Address : 7900 National Service Road

Greensboro NC 27409

Company phone : 800 528 6586

**Population :**

Number of potentially involved : 101

Estimated percentage with defect : 0

**Vehicle Information :**

Vehicle : 2012-2014 Volvo VNL

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Certain Volvo VNL model trucks manufactured from December 1, 2011 through September 1, 2013.

The selection of vehicles was based on information provided by Idle Free

Production Dates : DEC 01, 2011 - SEP 01, 2013

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : "Idle Free Systems, Inc. (IFS) is recalling certain Electric Auxiliary Power Units (APU), part number BA600, manufactured October 1, 2009, to April 30, 2015. The affected APUs have a metal housing whose mounting points may crack and tear ("Defect A"). Additionally, the mounting bolts of the power units may loosen or possibly fail ("Defect B")."

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the mounting points crack and tear or the attaching bolts loosen or fail the power unit may detach from the truck, and become a safety hazard.

Volvo has not received reports of vehicle crashes.

Description of the Cause : See information on Equipment Recall 15E-034

Identification of Any Warning that can Occur : NR

**Supplier Identification :****Component Manufacturer**

Name : Idle Free Systems

Address : 1101 Industrial Drive  
Watertown WISCONSIN 53094

Country : United States

**Chronology :**

5/11/15 Idle Free notifies Volvo manufacturing facility of an issue with Model BA600

Auxiliary Power Units

5/12/15 Information forward to Volvo Regulatory Affairs group. Investigation opened

6/4/15 Additional information received from Idle Free

7/14/15 Volvo Regulatory Affairs department received notice that idle free had issued an email about a second defect that was believed to affect Idle free installations of Volvo products

8/3/15 – Monthly meeting held ,potential issue discussed and investigator assigned

9/14/15 Investigation complete. Affected vehicles identified. Information provided to Regulatory Affairs for handling

10/6/15 Volvo informs NHTSA that a voluntary safety recall will be conducted to address the affected vehicles

**Description of Remedy :**

Description of Remedy Program : IFS will notify owners and dealers of the recall and defects, dealers will inspect the affected APUs for the defects, and where needed, install a welded gusset upgrade kit to strengthen the APU C-channels. All affected units will receive stronger clamping brackets. All repairs will be performed at no cost for owners.

How Remedy Component Differs from Recalled Component : a welded gusset upgrade kit to strengthen the APU C-channels and stronger clamping brackets.

Identify How/When Recall Condition was Corrected in Production : These products were installed on a limited number of customer vehicles. When notified, Volvo had no orders requiring this component. Future builds, if they occur, will have the updated components as provided by Idle Free Systems.

**Recall Schedule :**

Description of Recall Schedule : A safety recall alert will be released to dealers by 10/12/15 and owner notification letters will be mailed on or before November 201, 2015.

Planned Dealer Notification Date : OCT 12, 2015 - OCT 12, 2015

Planned Owner Notification Date : DEC 04, 2015 - DEC 04, 2015

\* NR - Not Reported