

**Part 573 Safety Recall Report****15V-682****Manufacturer Name :** Volvo Trucks North America**Submission Date :** OCT 15,2015**NHTSA Recall No. :** 15V-682**Manufacturer Recall No. :** RVXX1510**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 : 7

Estimated percentage with defect : 10

**Vehicle Information :**

Vehicle : 2016-2016 Volvo VN

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Certain VN model trucks manufactured from 1/6/2015 through 1/15/2015 with an Eaton Transmission.

The vehicles were identified by the transmission serial number provided by Eaton.

Production Dates : JAN 06, 2015 - JAN 15, 2015

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : According to Eaton, "When the transmission shift lever is moved from reverse to neutral, the reverse gear may stay engaged. When the transmission shift lever is moved from reverse to a forward gear position, the transmission may mechanically lock (i. e., both the reverse gear and forward gear engage simultaneously)."

FMVSS 1 :NR

FMVSS 2 :NR

Description of the Safety Risk : According to Eaton, "when shifting the transmission from reverse to neutral, the recall condition may result in a crash without prior warning. The defect does not present a known safety risk when shifting the transmission from reverse to a forward gear."

Description of the Cause : According to Eaton, "A spacer assembly that lacks necessary clearance for the transmission's main shaft key causes the recall condition by forcing the main shaft key out of

position. When the main shaft key is out of position and the shift lever moves from reverse to neutral or forward gear positions, the reverse gear may move axially along the main transmission shaft resulting in continued engagement of the reverse gear.

Identification of Any Warning that can Occur : According to Eaton, "A driver may need to apply increased force to shift into or out of reverse."

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

Name : Eaton Corporation

Address : 1000 Eaton Blvd  
Cleveland OHIO

Country : United States

**Chronology :**

9/17/15 Eaton informs Volvo of a potential problem with transmissions they supply

9/18/15 Eaton provides additional information to Volvo. Volvo opens an investigation

10/15/15 Volvo submits preliminary defect report to NHTSA

**Description of Remedy :**

Description of Remedy Program : Volvo is investigating and further discussions are required with Eaton to determine what repairs will be required.

How Remedy Component Differs from Recalled Component : see Eaton's defect report

Identify How/When Recall Condition was Corrected in Production : see Eaton's defect report

**Recall Schedule :**

Description of Recall Schedule : NR

Planned Dealer Notification Date : OCT 21, 2015 - OCT 21, 2015

Planned Owner Notification Date : DEC 15, 2015 - DEC 15, 2015

\* NR - Not Reported