

**Part 573 Safety Recall Report****15V-166****Manufacturer Name :** Navistar, Inc.**Submission Date :** MAR 18,2015**NHTSA Recall No. :** 15V-166**Manufacturer Recall No. :** 15505**Manufacturer Information :**

Manufacturer Name : Navistar, Inc.

Address : 2701 Navistar Drive  
Lisle IL 60532

Company phone : 331-332-1590

**Population :**

Number of potentially involved : 68

Estimated percentage with defect : 2

**Vehicle Information :**

Vehicle : 2015-2016 IC CE

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : School bus, 29 – 77 passengers.

Production Dates : AUG 08, 2014 - FEB 20, 2015

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

☐ Not sequential VINs

Vehicle : 2015-2016 IC RE

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : School bus, 60 – 90 passengers.

Production Dates : JUL 31, 2014 - JAN 09, 2015

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

☐ Not sequential VINs**Description of Defect :**

Description of the Defect : As reported by Haldex 14E-075, the diaphragm in the spring brake chamber may not be seated fully into the pressure plate on the spring brake push rod.

Description of the Safety Risk : • A Haldex spring brake chamber with a diaphragm not seated fully into the pressure plate may in certain cases cause internal leakage in the chamber and may result in the parking brake to not fully release and drag.

- Parking brakes that may not fully release or drag could potentially overheat and may result in a thermal event. A thermal event may cause property damage or personal injury.

Description of the Cause : Haldex states that insufficient installation lubricant on the diaphragm lip reduces the ability for the diaphragm to press into the pressure plate, and there was no validation process to assure the diaphragm is seated 100%.

Identification of Any Warning that can Occur : A driver may notice brake drag or the sensing of loss of engine power if a Haldex Life Seal chamber should develop an internal leak.

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

Name : Haldex Brake Products Corp.

Address : 10930 N. Pomona Ave.

Kansas City, MISSOURI 64153

Country : United States

**Chronology :**

- 10/30/2014 – Navistar Quality receives communication from Haldex describing potential issue with Haldex Life Seal spring brake chambers used in manufacturing.
- 11/03/2014 – Navistar manufacturing contains the issue at all assembly plants with inspections and certified stock provided by Haldex.
- 11/19/2014 – Navistar determines the number of suspect vehicles produced with the suspect Haldex brake chambers.
- 12/10/2014 – Navistar declares Safety Recall 14526.
- 01/08/2015 – Haldex and Navistar meet to discuss schedule of development, validation, and shipment of gauge tool necessary to perform Haldex recall remedy.
- 02/10/2015 Haldex announces to Navistar the gauge tool will not be used, the Haldex recall remedy will now involve replacement of all suspect Life Seal brake chambers, and manufacturing of the Life Seal chamber ceased on 02/03/2015.
- 02/20/2015 – Navistar Manufacturing initiates quarantine of all Life Seal chambers at all plants.
- 02/24/2015 – Navistar Manufacturing completes quarantine action and begins use of either Haldex Gold Seal or a competitor brake chamber for those applications that require a sealed chamber by engineering specification.
- 02/26/2015 – Navistar Product Compliance meets with Engineering and Manufacturing to determine new suspect population.
- 03/11/2015 – Navistar declares Safety Recall 14505 to replace Safety Recall 14526.

**Description of Remedy :**

Description of Remedy Program : • The remedy will involve replacement of Haldex Life Seal brake chambers with either Haldex Gold Seal brake chambers or a competitor brake chamber for those vehicle applications requiring a sealed chamber.

- Navistar's plan for reimbursement of pre-notification remedies, on file with NHTSA and dated 05/09/14, applies and reimbursement instructions will be included in the customer notification.

How Remedy Component Differs from Recalled Component : The remedy Haldex Gold Seal brake chambers is an unsealed chamber compared with the recalled Life Seal chamber which is a sealed chamber.

Identify How/When Recall Condition was Corrected in Production : 02/24/2015 – Navistar Manufacturing completes quarantine action and begins use of either Haldex Gold Seal or a competitor brake chamber for those applications that require a sealed chamber by engineering specification.

**Recall Schedule :**

Description of Recall Schedule : It is estimated that the Customer and dealer notification letters will be mailed by 05/18/2015.

Planned Dealer Notification Date : MAY 18, 2015 - MAY 18, 2015

Planned Owner Notification Date : MAY 18, 2015 - MAY 18, 2015

\* NR - Not Reported