

**Part 573 Safety Recall Report****14V-814****Manufacturer Name :** Caterpillar Inc.**Submission Date :** JAN 02,2015**NHTSA Recall No. :** 14V-814**Manufacturer Recall No. :** 14V-814**Manufacturer Information :**

Manufacturer Name : Caterpillar Inc.

Address : 100 N.E. Adams Street

Peoria IL 61629-7150

Company phone : 309-675-5658

**Population :**

Number of potentially involved : 31

Estimated percentage with defect : 10

**Vehicle Information :**

Vehicle : 2015-2015 Caterpillar (Navistar) CT660

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Heavy Diesel Truck, GVWR 33,001 to 55,000 and over

Production Dates : JUL 28, 2014 - NOV 05, 2014

**VIN (Vehicle Identification Number) Range**

Begin : 3HSJGTKR0FN698677

End : 3HTJGKTXFN720093

 Not sequential VINs

Vehicle : 2015-2015 Caterpillar (Navistar) CT681

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Heavy Diesel Truck, GVWR 33,001 to 55,000 and over

Production Dates : JUL 28, 2014 - NOV 05, 2014

**VIN (Vehicle Identification Number) Range**

Begin : 3HTKATKT1FN691363

End : 3HTKATKT1FN691363

 Not sequential VINs**Description of Defect :**

Description of the Defect : 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 no validation process to assure diaphragm is seated 100%.

Identification of Any Warning that can Occur : A driver may notice brake drag 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 :**

See Navistar initial report, number not available yet, which is incorporated herein by reference.

December 10, 2014 Caterpillar was made aware of Navistar's defect determination which affected some vehicles sold under the Caterpillar brand name and was provided information on the defect.

December 12, 2014 Navistar provided a list of the Caterpillar brand vehicles within the suspect vehicle population.

December 12, 2014 Caterpillar reviewed the information provided by Navistar and determined this defect was applicable to the identified Caterpillar brand vehicles and declared a safety recall would be initiated.

**Description of Remedy :**

Description of Remedy Program : • The remedy will involve inspection of Haldex Life Seal brake chambers in the suspect population with a Haldex supplied gauge and replacement of any chamber found with non-conforming diaphragm seats. • The the remedy will be free of charge; if a customer has had their vehicle repaired for this condition prior to receipt of notice and incurred any costs, they will be eligible for reimbursement by contacting Caterpillar. These reimbursement instructions will be included in the customer notification.

How Remedy Component Differs from Recalled Component : The remedy Haldex Life Seal brake chambers were assembled after Haldex added validation step to the chamber assembly process to verify the diaphragm is fully seated into the pressure plate.

Identify How/When Recall Condition was Corrected in Production : Haldex added validation step to the chamber assembly process to verify the diaphragm is fully seated into the pressure plate.

**Recall Schedule :**

Description of Recall Schedule : Caterpillar will issue the recall through a Safety Product Improvement Program (SPIP) to remedy the defect.

Dealer notification and customer notification letters will be sent no more than 60 days from the submission of this report.

Planned Dealer Notification Date : FEB 11, 2015 - NOV 05, 2015

Planned Owner Notification Date : FEB 16, 2015 - NOV 10, 2015

\* NR - Not Reported