

**Part 573 Safety Recall Report****15V-021****Manufacturer Name :** Polar Tank Trailer, LLC.**Submission Date :** MAY 05, 2016**NHTSA Recall No. :** 15V-021**Manufacturer Recall No. :** 14E075**Manufacturer Information :**

Manufacturer Name : Polar Tank Trailer, LLC.

Address : 12810 County Road 17  
Holdingford MN 56340

Company phone : 320-746-2255

**Population :**

Number of potentially involved : 10

Estimated percentage with defect : 1

**Vehicle Information :**

Vehicle : 2015-2015 Polar Tank Trailer, LLC SRJH, APX0, ATB6

Vehicle Type : TRAILERS

Body Style : OTHER

Power Train : NR

Descriptive Information : Polar has identified 10 semi-trailers that are equipped with Haldex brake actuators which may be defective.

Production Dates : AUG 27, 2014 - NOV 29, 2014

**VIN (Vehicle Identification Number) Range**

Begin : 1PMS13833F1044563	End : 1PMS1353XF1044564	<input checked="" type="checkbox"/> Not sequential VINs
Begin : 1PMB14426F2043842	End : 1PMB14428F2043843	<input checked="" type="checkbox"/> Not sequential VINs
Begin : 1PMA25350F5013051	End : 1PMA25352F5013052	<input checked="" type="checkbox"/> Not sequential VINs
Begin : 1PMA25450F5013053	End : 1PMA25356F5013376	<input checked="" type="checkbox"/> Not sequential VINs
Begin : 1PMA25358F5013377	End : 1PMA2535XF5013378	<input checked="" type="checkbox"/> Not sequential VINs

**Description of Defect :**

Description of the Defect : Polar was notified in a letter, received on 1/12/2015, by Haldex Brake Products Corporation that they had provided brake actuators that have a potential defect. This defect is under a NHTSA recall, number 14E75. They described the defect as follows; "Incomplete attachment of the internal rubber diaphragm to the actuation mechanism in the parking brake section of the Life Seal brake actuator."

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Dragging and overheating wheelend foundation service brakes may occur, and

may result in smoke and thermal damage to the vehicle and/or chassis components, as well as possible injury to persons outside of vehicle.

Description of the Cause : Per the Haldex letter, "During the initial assembly of the life seal brake actuator unit, the internal rubber diaphragm may not be fully seated in the spring piston of the parking brake section, thereby causing internal leakage from the service brake section past the diaphragm and potentially trapping air pressure in the parking brake section. The trapped air pressure may prevent full release of the brake actuator unit, and may induce dragging and overheated wheelend foundation service brakes. This diaphragm condition is an isolated, intermittent event, and is not indicative of continuous service braking operation."

Identification of Any Warning that can Occur : Vehicle driver may recognize overheated wheelends during a pre and post trip walk around inspection. Mechanics and technicians at vehicle maintenance/repair facilities may note or recognize overheated wheelends during routine/periodic vehicle maintenance operations.

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

Name : Haldex Brake Products Corporation

Address : 10930 N. Pomona Ave.

Kansas City 64153

Country : NR

**Chronology :**

Polar is not aware of any problems or incidents on the 10 affected trailers that related to defective Haldex brake actuators. Polar is initiating a recall due to receiving notice of NHTSA Recall #14E075 from Haldex.

**Chronology:**

1/12/2015: Notification of NHTSA recall #14E075 was received from Haldex

2/17/2015: Notice to disregard the previous notification letter was received from Haldex, stating that a REVISED Notification letter would be issued, pending NHTSA review and concurrence.

3/30/2015: Notice of NHTSA Recall # 15E017 received from Haldex, replacing Recall 14E-075

4/1/2015: Safety Recall notices sent to the two affected parties

**Description of Remedy :**

Description of Remedy Program : Haldex has provided an inspection document for determining if actuators are defective. Polar will provide this document to owners of affected Polar trailers. Per the letter sent by Haldex, and instructions included in the inspection document, Haldex says "inspection and replacement procedures may be conducted ..... and will be completed at no charge to the customer through the vehicle manufacturer dealers and/or other service facilities.

How Remedy Component Differs from Recalled Component : Replacement components will be similar in design to the original component, but free of the defect.

Identify How/When Recall Condition was Corrected in Production : Polar was unaware of the defect until notified by Haldex. At this time, affected trailers were identified, and existing inventory was returned to Haldex. Polar returned 40 potentially defect brake actuators to Haldex.

**Recall Schedule :**

Description of Recall Schedule : Polar is able to notify customers immediately of the Haldex provided inspection/replacement procedure.

Planned Dealer Notification Date : JAN 26, 2015 - JAN 30, 2015

Planned Owner Notification Date : JAN 26, 2015 - JAN 30, 2015

\* NR - Not Reported