U.S. Department of Transportation

National Highway Traffic Safety Administration

ODI RESUME

OFFICE OF DEFECTS INVESTIGATION

NHTSA

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Investigation: EQ 15-006
Prompted by: 15E-017
Date Opened: 12/07/2015
Investigator: Pedro Bonilla
Approver: Jennifer Timian
Subject: Improperly Seated Brake Diaphragm

MANUFACTURER & PRODUCT INFORMATION

Manufacturer: Haldex Commercial Vehicle Systems
Products: Haldex Life Seal Type 30/30 Air Brake Actuators
Population: 26,246 (Estimated)

Problem Description: The actuators may have an incomplete attachment of the parking brake section of the life seal actuator.

ACTION / SUMMARY INFORMATION

Action: Open EQ Investigation.

Summary:

In a letter dated March 4, 2015, Haldex notified the NHTSA that it decided a defect exists in certain Haldex life seal type 30/30 long stroke air brake actuators. The affected actuators may have an incomplete attachment in the actuation mechanism of the parking brake assembly. If the diaphragm is not completely attached, it can potentially trap air pressure in the parking brake assembly. If not vented, this air pressure may prevent full function of parking brake, which can cause brake drag that results in overheated brakes, ultimately increasing the risk of fire. This matter was assigned recall number 15E-017.

Haldex provided NHTSA with a purchaser list identifying the manufacturers who potentially incorporated these brake actuators into their vehicles. However, at this time, a Part 573 Report has not been filed by all of these potentially affected manufacturers.

The purpose of this EQ investigation is to write to the remaining companies that purchased these Haldex brake actuators, notify them of this defect, and request similar defect decisions be made on their vehicles, or inform RMD why a safety defect decision is not appropriate on their vehicles.