

Part 573 Safety Recall Report

23E-097

Manufacturer Name : Haldex Commercial Vehicle Systems

Submission Date : DEC 21, 2023

NHTSA Recall No. : 23E-097

Manufacturer Recall No. : n/a



Manufacturer Information :

Manufacturer Name : Haldex Commercial Vehicle Systems

Address : 10930 North Pomona Avenue

Kansas City MO 64153

Company phone : 816-801-2335

Population :

Number of potentially involved : 4,717

Estimated percentage with defect : 10 %

Equipment Information :

Brand / Trade 1 : Haldex

Model : Inversion Valve

Part No. : Multiple

Size : NR

Function : Brake System Ai

Descriptive Information : A defect in the inversion valve may cause the park brake engagement to be delayed. As such, vehicles may fail to comply with the requirements of Federal Motor Vehicle Safety Standard (FMVSS) 121, "Air Brake Systems". If this condition exists, the park brake may not be applied within 3 seconds, resulting in inadvertent vehicle movement and a potential safety concern.

Production Dates : DEC 01, 2022 - MAY 05, 2023

Description of Defect :

Description of the Defect : An internal piston, incorporated into the inversion valve may have out of specification concentricity.

FMVSS 1 : 121 - Air brake systems

FMVSS 2 : NR

Description of the Safety Risk : Failure of park brake to engage within 3 seconds.

Description of the Cause : Inversion valve piston fails to allow parking brake air pressure to vent.

Identification of Any Warning that can Occur : Vehicle movement more than 3 seconds after parking brake engagement.

Involved Components :

Component Name : Inversion valve

Component Description : An inversion valve is a multi-port, air pressure management device, designed to direct air pressure in air brake systems to brake actutors or to vent air pressure to the atmosphere.

Component Part Number : 9718990020

Component Name : Inversion Valve

Component Description : An inversion valve is a multi-port, air pressure management device, designed to direct air pressure in air brake systems to brake actutors or to vent air pressure to the atmosphere.

Component Part Number : KN28032

Component Name : Inversion valve

Component Description : An inversion valve is a multi-port, air pressure management device, designed to direct air pressure in air brake systems to brake actutors or to vent air pressure to the atmosphere.

Component Part Number : N20950CA

Component Name : Inversion valve

Component Description : An inversion valve is a multi-port, air pressure management device, designed to direct air pressure in air brake systems to brake actutors or to vent air pressure to the atmosphere.

Component Part Number : N20950CB

Component Name : Inversion valve

Component Description : An inversion valve is a multi-port, air pressure management device, designed to direct air pressure in air brake systems to brake actutors or to vent air pressure to the atmosphere.

Component Part Number : N50002B

Component Name : Inversion valve

Component Description : An inversion valve is a multi-port, air pressure management device, designed to direct air pressure in air brake systems to brake actuators or to vent air pressure to the atmosphere.

Component Part Number : RKN28032

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

NR

Description of Remedy :

Description of Remedy Program : The remedy will be for owners of equipment on which inversion valves are installed to do an operational check of the parking brakes and replace the inversion valve if the parking brake fails to engage within 3 seconds

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : Applicable drawing for inversion valve piston was modified to include a specification for concentricity. PPAP approval occurred on 05MAY23.

Recall Schedule :

Description of Recall Schedule : A customer notification letter will be submitted to NHTSA for review and approval during the week of 08JAN24.

Planned Dealer Notification Date : JAN 12, 2024 - JAN 12, 2024

Planned Owner Notification Date : JAN 12, 2024 - JAN 12, 2024

Purchaser Information :

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : NR

Address : NR

NR

Country : NR

Company Phone : NR

* NR - Not Reported