



U.S. Department of Transportation  
**National Highway Traffic Safety  
Administration**

1200 New Jersey Avenue SE  
Washington, DC 20590

December 28, 2023

Mr. Randall Petresh  
Vice President-Technical Services  
Haldex Commercial Vehicle Systems  
10930 N. Pomona Ave.  
Kansas City, MO 64153

NEF-107KL  
23E-097

**Subject:** Inversion Valve Failure/FMVSS 121

Dear Mr. Petresh:

This letter serves to acknowledge Haldex Commercial Vehicle Systems's notification to the National Highway Traffic Safety Administration (NHTSA) of a safety recall which will be conducted pursuant to Federal law for the product(s) listed below. Please review the following information to ensure that it conforms to your records as this information is being made available to the public. If the information does not agree with your records, please contact us immediately to discuss your concerns.

**Makes/Models/Model Years:**

HALDEX/INVERSION VALVE/9999

**Mfr's Report Date:** December 21, 2023

**NHTSA Campaign Number:** 23E-097

**Components:**

SERVICE BRAKES, AIR

**Potential Number of Units Affected:** 4,717

**Problem Description:**

Haldex Commercial Vehicle Systems (Haldex) is recalling certain inversion valves. Please see the attached 573 Defect report for full list of part numbers. An internal piston in the inversion valve may fail, delaying the engagement of the parking brake. As such, these valves fail to comply with the requirements of Federal Motor Vehicle Safety Standard number 121, "Air Brake Systems."

**Consequence:**

Delayed parking brake engagement can result in unintended vehicle movement, increasing the risk of a crash.

**Remedy:**

Dealers will replace the inversion valve, free of charge. Owner notification letters are expected to be mailed January 12, 2024. Owners may contact Haldex customer service at 1-800-752-2501.

**Notes:**

Owners may also contact the National Highway Traffic Safety Administration Vehicle Safety Hotline at 1-888-327-4236 (TTY 1-800-424-9153), or go to [www.nhtsa.gov](http://www.nhtsa.gov).

Please ensure the following requirements are met:

An identification and description of the risk to motor vehicle safety reasonably related to the defect or noncompliance (49 CFR 573.6 (c)(5)). All filings should state an increased risk of either a crash, injury or fire.

**AMENDED 573 REQUIRED.**

As required in Part 573.6(c)(7), in the case of a noncompliance, please provide the test results and other information used to determine the existence of the noncompliance. Include the date of each test and observation that indicated that a noncompliance might or did exist.

**AMENDED 573 REQUIRED.**

Your company's program shall include a plan for reimbursing an owner or purchaser who incurred costs to obtain a remedy for the problem addressed by the recall within a reasonable time in advance of your company's notification of owners, purchasers and dealers, in accordance with § 573.13. Your company's plan may incorporate by reference a general reimbursement plan it previously submitted to NHTSA, together with information specific to the individual recall. Information required by § 573.13 that is not in a general reimbursement plan shall be submitted in your company's report to NHTSA. If your company submits one or more general reimbursement plans, your company shall update each plan every two years (§ 573.13). If the vehicles are new and would be covered under the manufacturer's warranty program, please state that in the remedy section of your filing.

**AMENDED 573 REQUIRED.**

Please be reminded of the following requirements:

You are required to submit a draft owner notification letter to this office no less than five days prior to mailing it to the customers. Also, copies of all notices, bulletins, dealer notifications, and other communications that relate to this recall, including a copy of the final owner notification letter and any subsequent owner follow-up notification letter(s), are required to be submitted to this office no later than 5 days after they are originally sent (if they are sent to more than one manufacturer, distributor, dealer, or purchaser/owner).

Under 49 U.S.C. § 30112(a), it is illegal for anyone, including a manufacturer, distributor, dealer, or retailer to sell an item of equipment or vehicle that fails to comply with all applicable Federal motor vehicle safety standards.

As stated in 49 U.S.C. § 30118(f), submission of eight consecutive quarterly reports followed by three annual reports is required. As described in 573.7, submission of the first of eight consecutive quarterly status reports is required within one month after the close of the calendar quarter in which notification to purchasers occurs. Therefore, the first quarterly report will be due on, or before, 30 days after the close of the calendar quarter. The first of three consecutive annual status reports will be due on, or before, 1 year after the eighth quarterly report was submitted.

Haldex Commercial Vehicle Systems's contact for this recall will be Kristin Lepper who may be reached by email at [kristin.lepper@dot.gov](mailto:kristin.lepper@dot.gov). We look forward to working with you.

Sincerely,



Alex Ansley  
Chief, Recall Management Division  
Office of Defects Investigation  
Enforcement