


Platinum Warranty Program



Exclusively Designed for Top Quality Fleets

Hallex



Platinum Warranty Program

- **Keeps your trailers on the road**
- **Maximizes your revenue by improving your profit margins**
- **Maintains a lower cost of ownership**

Combining your need to maintain a top quality fleet with our commitment to provide exceptional quality air brake system products, the Haldex Platinum Warranty Program provides an extended warranty on critical trailer air brake products. Haldex is proud to deliver the best quality OEM air brake system products.

By simply specifying the Platinum Warranty Program, which includes Haldex Life Seal[®] Brake Actuator, Haldex PLC Select ABS and the Haldex Self-Setting Automatic Brake Adjuster, you'll qualify for our 6-Year Warranty.

Why it's Better

- Platinum Warranty Program exceeds standard warranties
- Warranties processed quickly
- Warranty claims handled directly by Haldex
- It's simple and timely

It's Easy to Qualify

Simply specify the Haldex Platinum Warranty Program when ordering your new trailer. We will issue personalized warranty certificates, identifying the new trailer is protected by the Haldex Platinum Warranty Program for 6 years from the build date. The 6-Year Warranty will include the Life Seal Brake Actuator, ABA and the PLC Select ABS ECU.

It's Easy to Use Our Warranty

Simply return the product directly to Haldex, freight prepaid. Your replacement product will be shipped back to you, freight prepaid.

Life Seal® Brake Actuator

Haldex is the leading supplier of double diaphragm and service brake actuators throughout the world. The advanced design and engineering of the Life Seal delivers reliable performance and long life, mile after mile. It's the same outstanding value and dependable service you've come to expect from premium Haldex air brake system products.

- Completely seals the emergency brake chamber, eliminating contamination
- No vent holes, no filters, no external breather tube so the spring is isolated from the external environment
- Air escapes through the vehicle's air system through a special internal valve
- Unique patented power spring maintains maximum output force over an extended period
- Integral caging tool makes caging quick, convenient and easy
- Center tube guides the form-fit pressure plate to stabilize the spring coil and prevent contact with the spring housing, dramatically reducing coil clash



Lowest Cost of Ownership

Measuring your cost of ownership is more important than initial purchase price. The hidden costs of components, labor and downtime significantly increases your total cost. This chart proves how Life Seal technology dramatically lowers your total cost of ownership over its entire service life.

Trailer Comparison

	Standard OE Spring Brake	Haldex Life Seal
Spring Brakes per Trailer	🔩🔩🔩🔩	🔩🔩🔩🔩
Upcharge per Spring Brake	\$0	\$15
Number of Spring Brake Replacements	🔩🔩🔩🔩	0
Replacement Cost per Spring Brake <small>Calculated based on 1/2 hours in shop; higher if on-road failure</small>	Parts	\$50
	Labor	\$20
	Downtime	\$25
	\$95	\$0
Total Cost per Spring Brake Replacement	\$95	\$15
Total Cost of Ownership for Four Spring Brakes	\$380	\$60

Note: Costs are reflected in U.S. dollars.

PLC Select ABS

With more than 400,000 trailers worldwide equipped with Haldex ABS today, Haldex is outperforming all competitive trailer ABS.

Better Braking

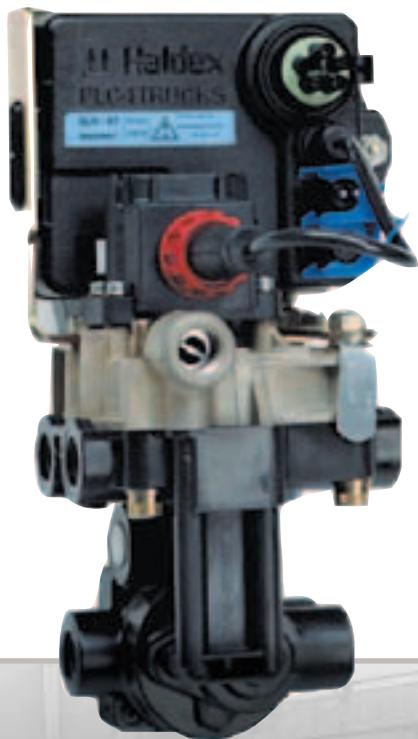
Exclusive technologies like the Haldex Select Low/High protocol (SLH) enhance sensitivity and responsiveness, producing even better braking characteristics under all driving conditions.

- Senses difference in wheel conditions
- Automatically adjusts the ABS to maintain proper braking characteristics at each wheel
- Preserves vehicle stability and control, as SLH manages the braking forces between wheels with the highest and lowest rates of deceleration (depending on the road surface conditions), maximizing stability while minimizing stopping distance

Lower Installation and Service Costs

Better braking is just the beginning. Thanks to innovative technologies and its simple, robust design, the PLC platform reduces costs throughout the entire life cycle. With fewer components, the PLC costs less to install and maintain than competitive ABS products. The improved reliability built into the system minimizes the chance of costly, unplanned downtime.

- Sealed ECU with potted enclosure prevents contaminants and corrosion from entering the system
- Sensor and power connectors plug directly into the ECU with weather-pack connections
- Primary solenoid cable is part of the ECU, requires a second valve for 2S/1M and 4S/2M applications
- Pre-installed swivel-nipple design with locking nut for easy installation and servicing
- Second valve cable comes in various lengths, plugging directly into the ECU to customize installations
- Robust mounting bracket with a single fastener design



Self-Setting Automatic Brake Adjuster — S-ABA

The unique design of the Haldex S-ABA revolutionizes correct fit by installing easily, improving performance, maximizing service life, streamlining inventories and interchanging with current Haldex automatic brake adjusters.

- Establishes its own reference point so the control arm will set itself—at any angle within the total range of permissible control arm positions allowed with current adjusters—and function properly
- Provides the proper lining-to-drum clearance, regardless of the control arm installation angle, which solves adjustment problems caused by incorrect installation
- More sensitive adjustment rate permits the clearance sensing design to maintain optimal lining-to-drum clearance and improve performance
- Maintains a constant and uniform distance between the brake drum and lining
- Gradual adjustment lowers the risk of over-adjustment during prolonged braking
- Helps prevent brake wear, reducing operating and downtime costs



Haldex S-ABA Advantage

Haldex S-ABA delivers reliable performance over years of service and millions of miles—all the while requiring only minimal maintenance—making them cost-effective.

By constantly maintaining optimum brake lining-to-drum clearance, Haldex S-ABA reduces stopping distances, and increases driver control and confidence under all conditions. Optimum brake adjustment helps prevent uneven tire and brake wear, reducing operating expenses and downtime costs. Our design reduces chances of over-adjustment, which can lead to dragging brakes and premature lining wear.





Product and Program Literature

Life Seal Spring Brake	L20438 Life Seal Spring Brake L20567 Spring Brakes for Severe Duty Vocations
S-ABA	L25057 S-ABA Self-Setting Automatic Brake Adjusters
Anti-Lock Brakes	L20337 Haldex PLC ABS

All literature is available from your local Haldex Sales Professional.

A Tradition of World Leadership in Brake Technology Continues

Haldex has led the way with innovative designs and new technologies in brake components and systems for over 80 years. While our unequalled experience and industry expertise has been important to maintaining our industry leadership role, our overriding dedication to satisfying our customer's needs and demands has always remained the primary motivating force behind our tradition of excellence; this tradition has been recognized with our best selling automatic brake adjusters, brake actuators and suspension control systems.

Haldex continues to reach for new advancements and achievements in brake and suspension control systems. The progression of industry demands—along with new legislation, regulations, and the never-ending quest to improve safety, performance and cost-efficiency—drive us to create new solutions to problems and challenges through advanced design, engineering and manufacturing.

While great air brake system and suspension control products provide new opportunities to improve performance and efficiency, continuing service and support fulfills the promise each and every one of our products make. Comprehensive aftermarket support programs, facilitated by a global distribution network, ensure immediate response to your individual needs and requirements. Technical assistance, as well as in-depth installation, maintenance and training, continue to maintain our close-working partnership with customers just like you all around the world.

Haldex Commercial Vehicle Systems

North American Sales
Haldex Brake Products Corporation
10707 N.W. Airworld Drive
Kansas City, MO 64153-1215
Phone: (816) 891-2470
Fax: (816) 801-4198

North American Sales
Haldex Limited
525 Southgate Drive, Unit 1
Guelph, Ontario CANADA N1G 3W6
Phone: (519) 826-7723
Fax: (519) 826-9497

www.haldex.com • www.hbsna.com

