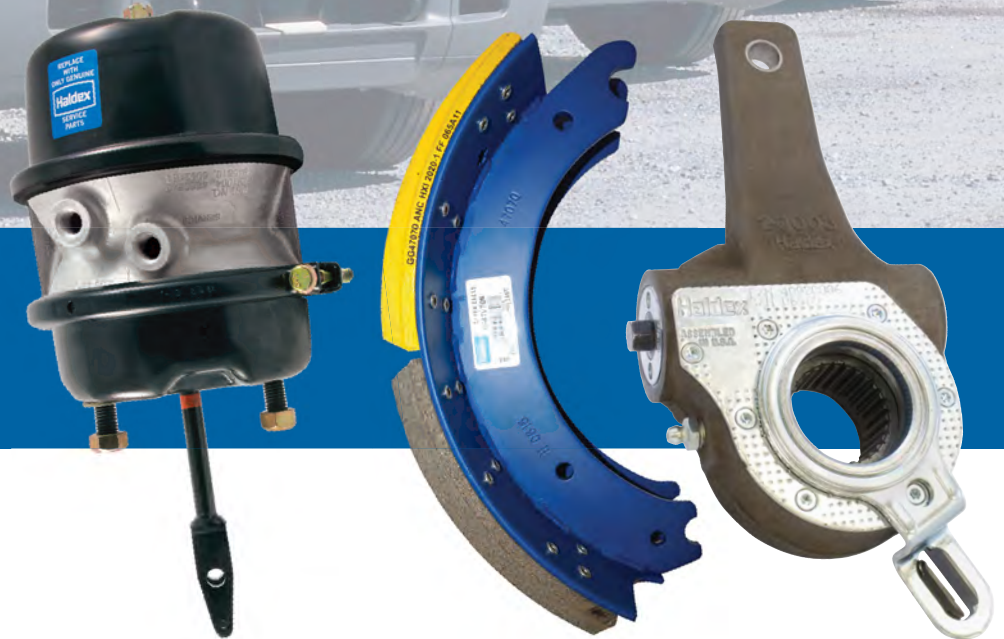


It's All Here - **Complete Wheel End Solutions For Your Fleet**

**Actuators, ABA's
and Friction**



Innovative Vehicle Solutions



Actuators, ABA's and Friction

All your fleet braking solutions. As easy as 1, 2, 3.

It's all here: complete wheel end solutions for your fleet. Haldex produces Actuators, ABA's and Friction Materials for all your fleet needs.



Concerned about reliability? Remove the uncertainty by choosing the same quality parts chosen by OEMs. Now it's easy as 1, 2, 3 to find all the quality parts you need. Just check the tables in the brochure and order today!

1. Actuators and Service Chambers with Welded Clevis Specifically for Tractors and Trailers

Haldex, the first choice of North American truck-tractor and trailer manufacturers, offers both the Gold Seal® and Life Seal® Actuator with the OEM specified welded clevis pushrod assembly. These new models come with the clevis welded to the pushrod and the exact pre-set position used in new vehicle production. This OEM grade replacement comes in both standard stroke and long stroke, see part number list provided.

Get the same reliable and dependable performance and ease of installation as the OEM with Genuine Haldex replacement parts made to fit your truck.



Innovative Vehicle Solutions

2. S-ABA Self-Setting Automatic Brake Adjuster Revolutionizes Correct Fit

The unique design of the Haldex S-ABA is revolutionizing correct fit with easy installation, improved performance, extended service life and streamlined inventories. The S-ABA is a self-setting adjuster that establishes its own reference point.

The S-ABA control arm will set itself at any angle within the total range of permissible control arm positions allowed with current adjusters and function properly.



S-ABA Products

AM Part Number	Spline	Spline Diameter	Arm Length	Bracket Style	Axle Type
40020231	28	1.5"	5.5"	Strap	Drive
40020234	28	1.5"	5.0" - 6.0"	Strap	Drive
40020228	10	1.5"	5.5" - 6.5"	Strap	Drive
40020243	28	1.5"	6.0"	Clamp	Drive
40020238	10	1.5"	5.5"	Strap	Drive
40020239	10	1.5"	5.5"	Strap	Drive
40020211	28	1.5"	5.5"	Plate & Flat Stud	Trailer
40020212	28	1.5"	6.0"	Plate & Flat Stud	Trailer
40020213	37	1.625"	5.5"	Plate & Flat Stud	Trailer

S-ABA provides the proper lining-to-drum clearance – regardless of the control arm installation angle, which solves adjustment problems caused by incorrect installation.

For improved performance, the S-ABA has a more sensitive adjustment rate to permit the clearance sensing design to maintain optimal lining-to-drum clearance. The clearance-sensing design maintains a constant and uniform distance between the brake drum and lining. The gradual adjustment of the S-ABA lowers the risk of over-adjusting during prolonged braking. This optimal brake adjustment helps prevent brake wear, reducing operating and downtime costs.



- Save time & money
- Eliminate cutting errors
- Use exact pre-set OEM specs
- No additional clevis purchase necessary
- Decreased actuator and ABA set-up time
- Avoid safety concerns AND costly D.O.T. fines

Actuator Products

AM Part Number	Vehicle Application	Part Description
GC3030CW	Volvo, Mack	Gold Seal; K = 2.25
GC3030S6CW	Kenworth, Peterbilt	Gold Seal; K = 2.87 (0 5/8" Pin)
GC3030LCW	Freightliner, Navistar	Gold Seal LS; K = 2.25
GC3030LS6CW	Kenworth, Peterbilt	Gold Seal LS; K = 2.87 (0 5/8" Pin)
GC3030S5CW	Spring Susp. & Vantraax®	Gold Seal; K = 6.80
GC3030S4CW	Intraax® (Trailer)	Gold Seal; K = 11.00
GC3030LS5CW	Spring Susp. & Vantraax®	Gold Seal LS; K = 6.80
GC3030LS4CW	Intraax® (Trailer)	Gold Seal LS; K = 11.00
LC3030CW	Volvo, Mack	Life Seal; K = 2.25
LC3030S6CW	Kenworth, Peterbilt	Life Seal; K = 2.87 (0 5/8" Pin)
LC3030S5CW	Spring Susp. & Vantraax®	Life Seal; K = 6.80
LC3030S4CW	Intraax® (Trailer)	Life Seal; K = 11.00



3. A Comprehensive Brake Lining You Can Count On








For decades Haldex has offered fleets the right products for all types of applications. Haldex formulations include components that can take the heat extremes necessary to achieve safe and reliable stopping performance. When used properly, Haldex friction materials lower life cycle cost on all brake contact parts.

You depend on Haldex for high quality products, exceptional service and innovation that resets the benchmark for total program satisfaction.



These fundamentals are the foundation of the Haldex friction program. Whether you're focused on distribution or are responsible for a fleet, Haldex has the most progressive solution available when it comes to brakes and brake shoe remanufacturing.

**All Haldex brake linings are FMVSS-121 Certified.
Haldex lining formulations exceed "OEM" performance parameters.**



Grey-Rock™ LEGACY Materials

FORMULA	AXLE RATING	LINING TYPE	APPLICATION
GM 2040 FF	25,000 lbs	Semi-Met	
GP 2030 GG	26,000 lbs	Organic	
GZ 2035 FF	23,000 lbs	Semi-Met	
GC 2035/2020 FF	23,000 lbs	Combination	
GG 2020 FF	23,000 lbs	Organic	
GD 2016 FF	23,000 lbs	Organic	
GR 2015 FF	20,000 lbs	Organic	

Grey-Rock™ FLEET GRADE Materials

FORMULA	AXLE RATING	LINING TYPE	APPLICATION
GF 2008 FF	20,000 lbs	Organic	
GN 2017 FF	20,000 lbs	Organic	

Enhanced Economy FLEET Materials

FORMULA	AXLE RATING	LINING TYPE	APPLICATION
HV88 FF	23,000 lbs	Organic	
HV77 FF	20,000 lbs	Organic	

Haldex Introduces Cost Effective Reduced Stopping Distance Friction Materials

Haldex RSD Friction compounds are made with low abrasive materials and premium phenolic resins. These high quality bonding agents allow our friction materials to manage extreme conditions better than our competitors. Superior compounds like GR2015 and GG2020 allow the customer **serious cost saving advantages**.

LONGER LIFE CYCLES ON BRAKE PADS AND CONTACT PARTS

Haldex Advantage: Advanced technology results in fewer worn out parts.

IMPROVED COST PER MILE

Haldex Advantage: Starts with reasonably priced friction material.

SUPERIOR BRAKE BALANCE BETWEEN TRACTOR AND TRAILER

Haldex Advantage: Grey-Rock™ RSD products make it more cost-effective to use one material on both

SIMPLIFIED INVENTORIES

Haldex Advantage: Grey-Rock™ RSD products eliminate the need for two different types of friction material.

REDUCED BRAKE MISAPPLICATIONS

Haldex Advantage: Using Grey-Rock™ RSD friction material for both tractor and trailer, eliminates chances of non-RSD product on your vehicles..



GR2015 RSD SYSTEMS COMPLIANT

- 20,000 lb axle rated
- Low Abrasion Organic Compound
- FF Coefficient of Friction
- AL Factor: 165



GG2020 RSD SYSTEMS COMPLIANT

- 23,000 lb axle rated
- Low Abrasion Organic Compound
- FF Coefficient of Friction
- AL Factor: 165

Friction Service Centers

The Haldex Friction Center Advantage

- 9 Distribution Points Provide Coast-To-Coast Service While Decreasing Core Return Expenses
- Largest Remanufactured Shoe Product Offering in North America
- Quick Order Turnaround Time
- Outstanding Vehicle Down Response Time
- Efficient Logistics Management
- State-Of-The-Art Production Machinery
- Excellent Product Knowledge
- On-Site Technical Training Labs With Fully Functioning Air Boards
- 16 Field Sales Professionals Providing On-Site Training, Fleet Work and Technical Assistance
- 24 Customer Service Personnel Processing Orders and EDI Management
- 14 Technical Service Representatives Providing On-Site System Diagnostics for Customers



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Haldex develops and provides reliable and innovative solutions with focus on brake and air suspension products to the global commercial vehicle industry. Listed on the Stockholm Stock Exchange, Haldex has annual sales of approximately 4.4 billion SEK and employs about 2,235 people.

Disclaimer: The products described within this literature, including without limitation, product features, specifications, designs, availability and pricing are subject to change by Haldex and its subsidiaries at any time without notice.

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