



THE HALDEX
SELF-SETTING
AUTOMATIC
BRAKE ADJUSTER

S-ABA -- Self-Setting Automatic Brake Adjuster revolutionizes correct fit.



The unique design of the Haldex S-ABA installs easily, improves performance, maximizes service life, streamlines inventories and interchanges with current Haldex automatic brake adjusters. The S-ABA is a self-setting adjuster that establishes its own reference point. So, 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. It provides the proper lining to drum clearance — regardless of control arm installation angle. The S-ABA solves adjustment problems caused by incorrect installation, making installation faster, simpler and more efficient.

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 Haldex S-ABA minimizes the risk of over-adjustment during long hard braking. This optimal brake adjustment helps prevent brake wear, which reduces operating and downtime costs.



S-ABA allows the control arm to be set at any angle from minus 16 to 130 degrees.

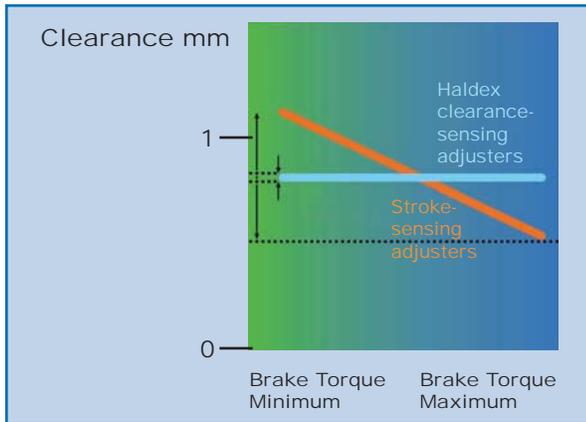
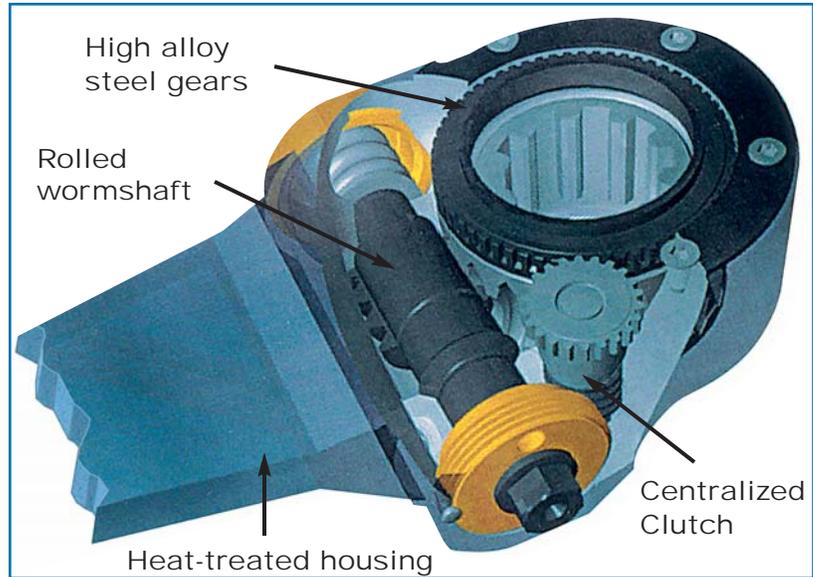
Haldex

BRAKE ADJUSTER



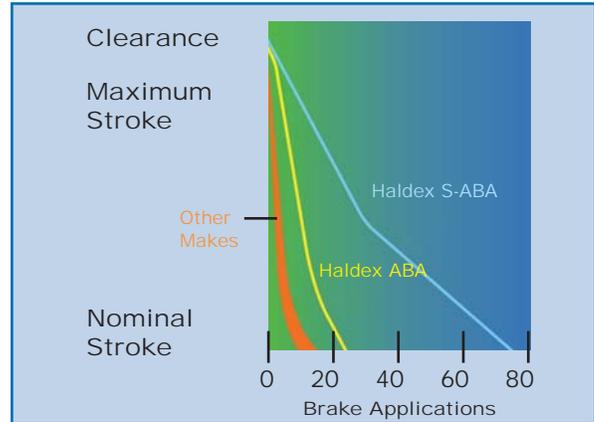
S-ABA DESIGN BENEFITS

The S-ABA incorporates several life extending design advances including: heat treated housing to extend service life and minimize internal wear; centralized clutch location to further improve protection from moisture, dirt and road salt; internal gears made of high-strength, high alloy steel and heat treated to minimize wear; and wormshaft rolled to further increase the shaft's fatigue life. Inventories are streamlined since the flexibility of the S-ABA control arm position or location can effectively replace several other fixed control arm brake adjusters – lowering handling and storage costs. And, as with other Haldex automatic brake adjusters, it is easy to check the function of the S-ABA.



Clearance Comparison Chart

The clearance-sensing design of the S-ABA maintains a constant and uniform distance between the brake drum



Gradual Adjustment Chart

The gradual adjustment of the Haldex S-ABA minimizes the risk of over-adjustment during long hard braking.

STANDARD TRAILER APPLICATION PART NUMBERS

AA1	S-ABA			
OE PART NO.	OE PART NO.	SPLINE	ARM LENGTH	BRACKET KIT
409-10466	409-20003	1 1/2" - 28	5 1/2"	None
409-10654	409-20010	1 1/2" - 28	5 1/2"	427-10563
409-10655	409-20014	1 1/2" - 28	6"	427-10563
409-10656	409-20012	1 1/2" - 10	6"	427-10563
409-10673	409-20006	1 1/2" - 28	6"	427-10563
409-10675	409-20004	1 1/2" - 10	6"	427-10563
409-10683	409-20002	1 1/2" - 28	5 1/2"	427-10563
409-10685	409-20000	1 1/2" - 10	5 1/2"	427-10563
409-10979	409-20026	1 1/2" - 28	5 1/2"	427-10563

Haldex Commercial Vehicle Systems

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