



## Standard Aftermarket Product Warranty Policy (For Commercial Truck and Trailer Products) Revised January, 2019

Haldex Brake Products Corporation (hereinafter referred to as Haldex) warrants to the original end user that all Haldex Products will be free from defects in materials and workmanship. The Warranty shall be extended from original vehicle in-service date to the limits shown in the chart below.

	96 Months 1 Million Miles	72 Months 1 Million Miles	60 Months 500,000 Miles	48 Months Unlimited Miles	36 Months Unlimited Miles	36 Months 350,000 Miles (10,800 Hours)	24 Months 200,000 Miles (7,200 Hours)	24 Months 100,000 Miles	12 Months 100,000 Miles (3,600 Hours)
<b>ABA S-ABA</b>		Haldex ABA/S-ABA (409 Part Number Prefix) <sup>1</sup>			Haldex ABA (NL/429 Part Number Prefix) <sup>1</sup>		Haldex ABA <sup>8</sup>	Haldex ABA/S-ABA <sup>3</sup>  Non-Haldex Automatic Brake Adjusters	Haldex ABA <sup>9</sup>
<b>Actuators Spring Brakes</b>	LifeSeal+ <sup>®</sup> Actuators <sup>1</sup>	Life Seal <sup>®</sup> Actuators <sup>1</sup>		Gold Seal <sup>®</sup> Actuators <sup>1,2</sup>  Life Seal <sup>®</sup> Actuators (Severe Service Vocational Applications) <sup>3</sup>  LifeSeal+ <sup>®</sup> Actuators (Severe Service Vocational Applications) <sup>3</sup>	Life Seal <sup>®</sup> Actuators (Tour Bus, City Transit, Intercity Transit) <sup>8,9</sup>	Haldex Service Brake Actuators <sup>1</sup>	Double Clamp Style Spring Brakes <sup>1</sup>  Gold Seal <sup>®</sup> Actuators (Tour Bus, City Transit, Intercity Transit) <sup>3</sup>		Haldex Service Brake Actuators <sup>3</sup>  All Other Actuators Not Listed
<b>ABS (Antilock Braking Systems)</b>						ABS - Antilock Braking Systems Including "Haldex TRS" (Valves, ECUs and Looms Only)			All Other ABS - Antilock Braking Systems Components
<b>Air Disc Brakes</b>			Haldex ModulT <sup>®</sup> Air Disc Brakes <sup>1,11</sup>			Haldex ModulX <sup>®</sup> Air Disc Brakes <sup>1,11</sup>	Haldex ModulT <sup>®</sup> Air Disc Brakes <sup>8,11</sup>  Haldex ModulX <sup>®</sup> Air Disc Brakes <sup>8,11</sup>	Haldex ModulT <sup>®</sup> Air Disc Brakes <sup>3,11</sup>  Haldex ModulX <sup>®</sup> Air Disc Brakes <sup>3,11</sup>	Haldex ModulT <sup>®</sup> Air Disc Brakes <sup>3,11</sup>  Haldex ModulX <sup>®</sup> Air Disc Brakes <sup>3,11</sup>
<b>New Air Treatment Products</b>						Haldex Dryers PUREst <sup>®</sup> DRYest <sup>®</sup> 1 ModulAir <sup>®</sup> 1 Pure Air <sup>™</sup> Pure Air Plus <sup>™</sup> 1 Dual DRYest <sup>®</sup> 1 Dual DRYest <sup>®</sup> with Single CONSEPTM <sup>14</sup> Dual DRYest <sup>®</sup> with Dual CONSEPTM <sup>14</sup>	Haldex Dryers PUREstDRYest <sup>®</sup> 9,10 ModulAir <sup>®</sup> 10 Pure Air <sup>™</sup> Pure Air Plus <sup>™</sup> 3 Dual DRYest <sup>®</sup> 14		CONSEPTM <sup>™</sup> Dual CONSEPTM <sup>™</sup>
<b>New Air Compressor Products</b>						Air Governors <sup>1</sup>	Air Compressors EL850 <sup>4</sup> EL1300 <sup>5,12</sup> EL1600 <sup>5,12</sup> TYPE 292 <sup>1</sup> TYPE 365 <sup>1</sup>		
<b>New Valves</b>						Haldex Air Brake Valves <sup>1</sup>  Automatic Drain Valves (410-10XXX Series) <sup>1</sup>			Automatic Drain Valves (N20878/ N20879 Series)  Height Control Valve, Scale-O-Matic and AC Boxes
<b>REMAN Products</b>							Air Compressors EL850 <sup>4</sup> EL1300 <sup>5</sup> EL1600 <sup>5</sup> Tu-Flo 501/550 <sup>4</sup> Tu-Flo 700/750 <sup>4</sup>		All Other REMAN Products Not Listed <sup>13</sup>
<b>Other Products</b>							All Other Tour Bus, Intercity Transit Products Not Listed <sup>8</sup>		All Other New Products Not Listed <sup>13</sup>  City Transit Oper. <sup>9</sup> (All New Products)  Friction Products <sup>7</sup>  New Clutches <sup>6</sup>

**Reminder: None of the above products are warranted against misapplication, lack of maintenance, improper installation or normal wear and tear.**

1 Line-haul type applications.

2 Warranty will be limited to 24 Months if release tool plug is missing or is not utilized in service.

3 Severe duty type applications (ie. P&D, Construction, Refuse, Concrete Mixers, Off-Highway, Etc.)

4 Inlet pressure must not exceed 25 psig (51" Hg).

5 Inlet pressure must not exceed 35 psig (71" Hg).

6 Warranty is void if: misapplication, friction material worn to rivets; burned facing or pressure plate; ceramic converted to organic.

7 Friction products are warranted for the reasonable life of the lining material. This varies significantly by product and application. Warranty is void due to misapplication.

8 Tour bus/intercity transit operations are warranted for two (2) years/ 200,000 miles - or - two (2) relines, whichever occurs first.

9 City transit operations are warranted for one (1) year/100,000 miles - or - two (2) relines, whichever occurs first.

10 PUREst<sup>®</sup>, DRYest<sup>®</sup> and ModulAir<sup>®</sup> Dryers for city/intercity transit operations are warranted for two (2) years or 200,000 miles, whichever occurs first.

11 Coverage is limited to the caliper, carrier and application mechanism. Wear items such as slide pins, bushing, pads, rubber boots and attachment hardware are not covered for normal wear and tear, but are warranted to be free from defects in material or workmanship for one (1) year.

12 Applicable to new service part numbers only.

13 Compressor inlet pressure must not exceed 5 psig (10" Hg).

14 City/intercity transit vocational and severe duty applications.



**Warranty Policy  
Terms and Conditions  
Continued on Reverse  
Side.**

**The Haldex Online Warranty Claim Form (haldex.com) must be filled out completely.  
An incomplete warranty form may delay the warranty process.  
Review all forms for completeness before submission.**

### **Warranty Policy Terms and Conditions**

Haldex, at its option will replace or issue a credit at Aftermarket Net acquisition cost of any unit determined to be defective. Said determination will be performed by Authorized Haldex Warranty Representatives. Parameters of determination will include, but not necessarily be limited to: Unit shall be within the specified time limitations and must have been installed and maintained in accordance with accepted industry practices.

This Warranty Policy will not apply if, in the judgement of Haldex the unit(s) or part(s) thereof have been subject to damage by accident, fire, misuse, or negligence, repair or alterations by anyone other than Haldex or its authorized representative, or if Haldex serial numbers affixed to the unit(s) or part(s) are removed, obliterated or defaced. Any defect should be brought immediately to the attention of the original purchaser and the unit(s) or part(s) claimed to be defective shall be returned to Haldex. The liability under this Warranty Policy shall not exceed purchase price paid.

Haldex reserves the right to make changes in the design of, additions to, or improvements in its products without incurring any obligation to modify or make similar changes on products previously manufactured or sold. Haldex does not authorize any other company or person to assume for it any warranty or other liability or obligation with respect to Haldex Products.

This Warranty Policy does not cover failure of a product due to a defect in the design, plans or specifications of such product where such design, plans or specifications were supplied to Haldex by Buyer or by another person on Buyer's behalf.

This Warranty Policy does not cover claims for "serviceable" items such as filters, service diaphragms and desiccant cartridges or similar (but not limited to these) items unless there is a clear indication of a defect in workmanship or material.

This Warranty Policy does not cover claims for products where failure is caused by "lack of servicing or maintenance of the product."

This Warranty Policy does not cover claims for air dryers where the desiccant cartridge is found to be "heavily contaminated" with oil.

This Warranty Policy does not cover claims on air valves or hydraulic valves where evaluation shows the ingestion of foreign material into the valve. This includes liquids, solid material and alcohol-based products.

This Warranty Policy does not cover claims for corrosion and/or the ingestion of foreign material, which is detrimental to the proper function of sealed spring brakes and unless it is determined to be assignable to a defect in material or workmanship by Haldex.

This Warranty Policy does not cover claims for large amounts of foreign material ingestion into the spring cavities of unsealed actuators as a normal result of operation. Claims for small amounts of foreign material ingestion into the spring cavities of unsealed actuators will be considered under this Warranty Policy.

This Warranty Policy does not cover products that are mis-installed or where mis-application is diagnosed.

This Warranty Policy does not cover claims resulting from improper fit of mating components not supplied by Haldex.

This Warranty Policy does not cover wires that are pinched during installation or where wires are not installed as recommended by Haldex.

Haldex is not responsible for "down time" expenses, cargo damage or any other business costs or losses resulting from failure or use of Haldex Products.

Haldex is not responsible for claims that are not returned to Haldex within ninety (90) days from the failure date.

**THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER OBLIGATIONS OR LIABILITIES, INCLUDING LIABILITY FOR INCIDENTAL, SPECIAL, CONSEQUENTIAL DAMAGES OR LABOR.**

### **U.S. Warranty Returns Non-Friction New Air Product and Remanufactured Product**

PRODUCTS: All New and Remanufactured (Non-Friction Service Parts Distributed By Haldex Brake Products Corporation. New Dana (Spicer) Style Clutches.

**Haldex Brake Products Corporation  
10711 N.W. Airworld Drive  
Kansas City, MO 64153  
877.442.5339**

### **U.S. Warranty Returns Friction Product**

PRODUCTS: All claims and failed friction products are to be returned to the Haldex Friction Center that supplied the product.

### **CANADA Warranty Returns All Products**

PRODUCTS: All claims and failed products are to be returned to the Canadian Distribution Centre.

**Haldex Limited/Haldex Limitée  
500 Pinebush Road, Unit #1  
Cambridge, ON Canada N1T 0A5  
519.621.6722**



United States 816.891.2470  
Canada 519.621.6722  
Mexico 52.81.81569500

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