Actuator

Quick Reference Guide



LifeSeal+ & GoldSeal

Quality spring brake actuators from Haldex.

As an industry pioneer, Haldex sets the benchmark in brake actuator design and manufacturing.

We offer a complete selection of actuators and parts to meet OEM or replacement needs in commercial or transit vehicle applications.

Haldex engineers all our actuators for quality and performance. Our manufacturing facilities are ISO and TS certified, and our products are SAE J1469 tested to ensure reliability and integrity.

Custom components – like our patented, heat-treated Power Spring that maximizes output force and resists corrosion – extend life cycles and savings.

Specify long-lasting value and performance. Insist on genuine Haldex actuators and parts.

LifeSeal+® Standard 8-Year Warranty

Spring Brake size and stroke	Part#	Clevis	Pushrod length from face of service housing	Distance to Clevis Pin centerline from face of service housing	Housing	Power Spring
2430 2.5"	LPP2430			Piggyback		Standard
	LCP2430	Threaded	10.00"	n/a	Standard	Standard
	LCP2430CW	Welded	n/a	2.25"	Standard	High Output
2430 3.0"	LPP2430L			Piggyback		Standard
	LCP2430L	Threaded	10.00"	n/a	Heavy Duty	Standard
	LCP2430LCW	Welded	n/a	2.25"	Heavy Duty	High Output
3030 2.5"	LPP3030			Piggyback		High Output
	LPP3030K			Piggyback with bolted clampband and diaphragm		Standard
	LCP3030S1	No	4.40"	n/a	Heavy Duty	High Output
	LCP3030S4	No	9.90"	n/a	Standard	Standard
	LCP3030	Threaded	10.00"	n/a	Heavy Duty	Standard
	LCP3030HD	Threaded	10.00"	n/a	Heavy Duty	High Output
	LCP3030R	No	14.00"	n/a	Heavy Duty	Standard
	LCP3030Q*	No	16.80"	n/a	Standard	High Output
	LCP3030CW	Welded	n/a	2.25"	Heavy Duty	High Output
	LCP3030S6CW	Welded	n/a	2.87"	Heavy Duty	High Output
	LCP3030S7CW	Welded	n/a	4.20"	Standard	High Output
	LCP3030S5CW	Welded	n/a	6.80"	Heavy Duty	Standard
	LCP3030S4CW	Welded	n/a	11.00"	Heavy Duty	Standard
3030 3.0"	LPP3030L			Piggyback		High Output
	LCP3030LS4	No	9.90"	n/a	Heavy Duty	Standard
	LCP3030L	Threaded	10.00"	n/a	Heavy Duty	Standard
	LCP3030LHD	Threaded	10.00"	n/a	Heavy Duty	High Output
	LCP3030LR	No	14.00"	n/a	Heavy Duty	Standard
	LCP3030LQ*	No	16.80"	n/a	Heavy Duty	High Output
	LCP3030LCW	Welded	n/a	2.25"	Heavy Duty	High Output
	LCP3030LS6CW	Welded	n/a	2.87"	Heavy Duty	High Output
	LCP3030LS7CW	Welded	n/a	4.20"	Heavy Duty	High Output
	LCP3030LS5CW	Welded	n/a	6.80"	Heavy Duty	Standard
	LCP3030LS4CW	Welded	n/a	11.00"	Heavy Duty	Standard
	LPP3030LK			Piggyback with bolted clampband and diaphragm		Standard
Disc Brake Offerings	LCP2030D	LCP2430D				

*3/4 Pushrod Thread (standard 5/8)

For separate clevis purchase, see part numbers CF2 and CF4

The only truly sealed double-diaphragm spring brake on the market today. LifeSeal+ *by Haldex.*

GoldSeal™ Standard 4-Year Warranty

Spring Brake size and stroke	Part#	Clevis	Pushrod length from face of service housing	Distance to Clevis Pin centerline from face of service housing	Housing	Power Spring
1624 2.25"	GP1624			Piggyback		Standard
2024 2.25"	GP2024			Piggyback		Standard
	GC2024	Threaded	10.00"	n/a	Standard	Standard
2030 3.0"	GC2030XL	Threaded	10.00"	n/a	Standard	Standard
	GC2030XLCW	Welded	n/a	2.25"	Standard	Standard
2424 2.25"	GP2424			Piggyback		Standard
	GC2424	Threaded	9.65"	n/a	Standard	Standard
2424 2.5"	GP2424L			Piggyback		Standard
	GC2424L	Threaded	10.00"	n/a	Standard	Standard
2430 2.5"	GP2430L			Piggyback		Standard
	GC2430L	Threaded	10.00"	n/a	Standard	Standard
2430 3.0"	GP2430XL			Piggyback		Standard
	GC2430XL	Threaded	10.00"	n/a	Standard	Standard
	GC2430XLCW	Welded	n/a	2.25"	Standard	Standard
3030 2.5"	GP3030			Piggyback		Standard
	GP3030K		Piggyback w/bolted clampband and diaphragm			Standard
	GC3030	Threaded	10.00"	n/a	Standard	Standard
	GC3030HD	Threaded	10.00"	n/a	Heavy Duty	Standard
	GC3030R	Threaded	14.00"	n/a	Standard	Standard
	GC3030S1	Threaded	1.80"	n/a	Standard	Standard
	GC3030S2	Threaded	5.70"	n/a	Standard	Standard
	GC3030S3	Threaded	1.80"	n/a	Standard	Standard
	GC3030S4	No	9.90"	n/a	Standard	Standard
	GC3030S5	No	5.90"	n/a	Standard	Standard
	GC3030Q*	No	16.80"	n/a	Standard	Standard
	GC3030S7CW	Welded	n/a	4.20"	Standard	Standard
	GC3030CW	Welded	n/a	2.25"	Heavy Duty	Standard
	GC3030S4CW	Welded	n/a	11.00"	Heavy Duty	Standard
	GC30305SCW	Welded	n/a	6.80"	Heavy Duty	Standard
	GC3030S6CW	Welded	n/a	2.87"	Heavy Duty	High Output
3030 3.0"	GP3030L			Piggyback		Standard
	GP3030LHO			Piggyback		High Output
	GP3030LK		Piggyback w/bolted clampband and diaphragm			Standard
	GC3030L	Threaded	10.00"	n/a	Standard	Standard
	GC3030LR	Threaded	14.00"	n/a	Standard	Standard
	GC3030LS4	No	9.90"	n/a	Standard	Standard
	GC3030LHD	Threaded	10.00"	n/a	Heavy Duty	High Output
	GC3030LQ*	No	16.80"	n/a	Heavy Duty	Standard
	GC3030LCW	Welded	n/a	2.25"	Heavy Duty	Standard
	GC3030LS4CW	Welded	n/a	11.00"	Heavy Duty	Standard
	GC3030LS5CW	Welded	n/a	6.80"	Heavy Duty	Standard
	GC3030LS6CW	Welded	n/a	2.87"	Standard	High Output
	GC3030LS7CW	Welded	n/a	4.20"	Standard	Standard
3036 2.5"	GC3036	Threaded	10.00"	n/a	Heavy Duty	Standard
	GC3036CW	Welded	n/a	2.25"	Heavy Duty	Standard
	GC3036Q*	No	16.80"	n/a	Heavy Duty	Standard
3036 3.0"	GC3036L	Threaded	10.00"	n/a	Heavy Duty	Standard
	GC3036LCW	Welded	n/a	2.25"	Heavy Duty	Standard
3636 2.5"	GP3636			Piggyback		Standard
3636 3.0"	GP3636L			Piggyback		Standard
3636 3.0"	GC3636	Threaded	9.00"	n/a	Heavy Duty	Standard
	GC3636CW	Welded	n/a	2.25"	Heavy Duty	Standard
	GC3636Q*	No	9.00"	n/a	Heavy Duty	Standard
Disc Brake Offerings	GC1824D	GC2024D	GC2030D	GC2430D		

*3/4 Pushrod Thread (standard 5/8)



Replacement Part Numbers and Information

Replacement Diaphragm

Part#	Description
DP20	T20 - 2.25"
DP20L	T20 - 2.50" - long
DP24L	T24 - 2.25" & T24 - 2.50" - long
DP24XL	T24 - 3.00" - extra long
DP30	T30 - 2.50" - standard
DP30L	T30 - 3.00" - long
DP36	T36 - 3.00" - standard

Available in 10-packs

Replacement Clampband Assembly Kit

Part#	Description
CB20	T20
CB20S1	T20 - service side
CB24	T24
CB24S1	T24 - service side
CB30	T30
CB30S1	T30 - service side
CB36S1	T36 - service side

Available in 10-packs

Replacement Clevis

Part#	Description
CP1	Clevis pin - 1/2"
CP1S	Clevis pin - 1/2" - stainless steel
CP3	Clevis pin - 14mm pin, 41mm length
CF1	Clevis forged - 1/2" pin - 1/2"-20 UNF
CF2	Clevis forged - 1/2" pin - 5/8"-18 UNF
CF3	Clevis forged - 5/8" pin - 5/8"-18 UNF
CF4	Clevis forged - 1/2" pin - 3/4"-16 UNF
CF5	Clevis forged - 14mm pin - M16 x 1.5
CF10	Clevis forged - 1/2" - stainless steel pin, 5/8"-18 UNF

Available in 10-packs

Replacement Hardware

Part#	Description
HW2	Mounting kit - lock washer & standard nut - 5/8"-11
HW3	Mounting kit - flat washer & standard nut - 5/8"-11
HW5	Jam nut - 5/8"-18 UNF
HW6	Jam nut - M16
HW8	Clampband nut & bolt - 3/8"-24
HW10	90° elbow - 3/8"-18 NPT

Available in 10-packs

Service Chambers

Part#	Description
SC09	T09 - 1.75" - standard
SC12	T12 - 1.75" - standard
SC16	T16 - 2.25" - standard
SC16L	T16 - 2.50" - long
SC20	T20 - 2.25" - standard
SC20L	T20 - 2.50" - long
SC20LCW	T20 - 2.50" - long - welded clevis
SC24	T24 - 2.25" - standard
SC24L	T24 - 2.50" - long
SC24XL	T24 - 3.00" - extra long
SC24XLCW	T24 - 3.00" - extra long - welded clevis
SC30	T30 - 2.50" - standard
SC30CW	T30 - 2.50"- standard - welded clevis
SC30L	T30 - 3.00" - long - 3.00"
SC30LCW	T30 - 3.00" - long - welded clevis
SC36	T36 - 3.00" - standard

Replacement Miscellaneous

Part#	Description
BA1*	Boot assembly - 5/8" push rod
DS1*	Dust shield - 5/8" push rod - 1" (25.4mm) hole
DS2*	Dust shield - 3/4" push rod - 1" (25.4mm) hole
DS3*	Dust shield - 5/8" push rod - 1.58" (40mm) hole
DS4*	Dust shield - 3/4" push rod - 1.58" (40mm) hole
PH30	T30 pressure housing - 2.50" / 64 mm, 3/8" - NPTF air inlet
PP1*	Pipe plug fitting - 3/8"- square head
PR30	T30 service push rod - 5/8"-18 UNF
PR30S1	T30 service push rod - 3/4"-16 UNF
RS5	Return spring - 2.5" Midland & T30 & 3030 models
RS6	Return spring - Anchorlok® and Haldex except 3636 and RS5
RS7	Return spring - GoldSeal™ 3636
RT1*	Release tool - all DDSB† except 3036 and 3636
RT2*	Release tool - 3036 and 3636
RT3*	Release tool - remote chamber
RTP1*	Release tool plug - all DDSB† except 3036 and 3636
RTP2*	Release tool plug - old Midland style
RTP3*	Release tool plug - 3036 and 3636

* Available in 10-packs

†DDSB = Double Diaphragm Spring Brakes

To learn more, contact your Haldex sales professional.

United States 816-891-2470
Canada 519-621-6722
Mexico 52-81-81569500

For additional contact information or to learn more about Haldex, please visit **Haldex.com**

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