



# Parts Manual

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Model \_\_\_\_\_ Fork Positioner

Catalog Number \_\_\_\_\_ 150K-FPS-C110 R1

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**cascade**®  
**corporation**

**For Technical Assistance call:** 800-227-2233, Fax: 888-329-8207

**To Order Parts call:** 888-227-2233, Fax: 888-329-0234

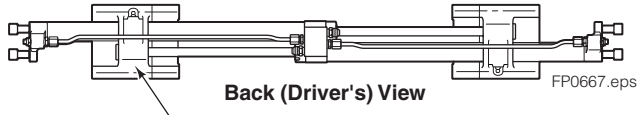
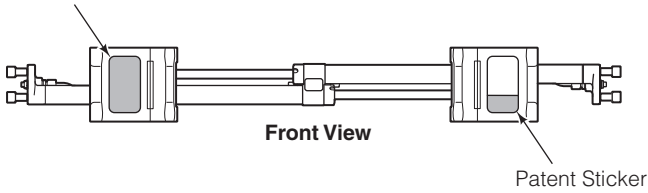
**OR**

**Write:** Cascade Corporation, P.O. Box 20187, Portland, OR 97220

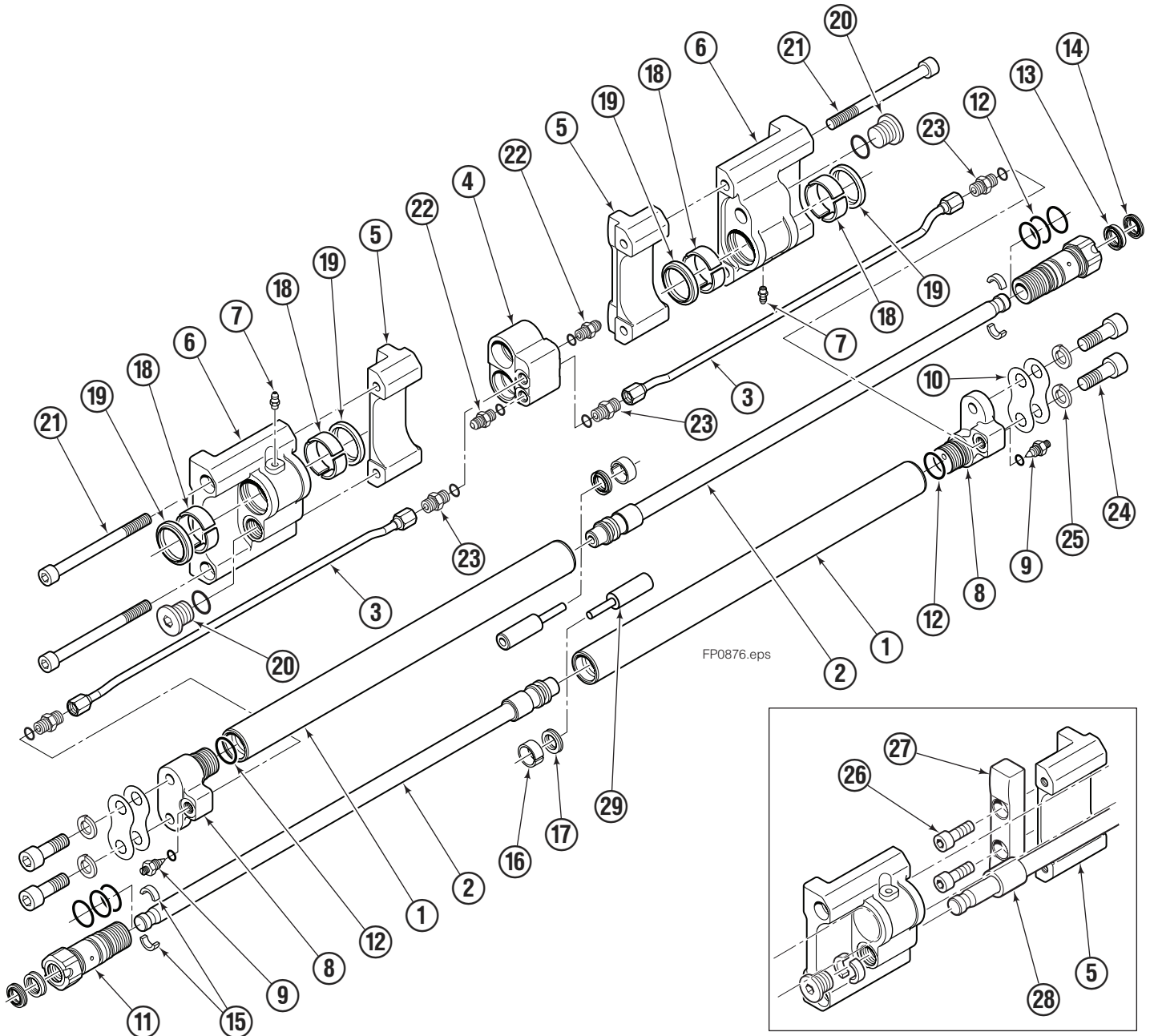
**Internet:** [www.cascorp.com](http://www.cascorp.com)

# Fork Positioner Assembly

Sticker showing operating pressure, phone numbers for service & parts.



Assembly part number (on LH fork carrier).



# Fork Positioner Assembly

## Items that vary by width

120K/150K			
ASSEMBLY PART NO.	REF. NO. 1 ★ CYLINDER SHELL QTY 2	REF. NO. 2 ★ CYLINDER ROD QTY 2	REF. NO. 3 TUBE QTY 2
6804708	6804697	6804706	6804707

REF	QTY	PART NO.	DESCRIPTION
		6069312	Common Parts Group
4	1	6059224	Manifold
5	2	6059395	◆ Fork Carrier, Inner, 122/150/180 mm Fork
6	2	6059301	Fork Carrier, Outer
7	2	424115	Grease Fitting
8	2	6059267	Cylinder Head End
9	2	6042658	Restrictor Fitting
10	4	6059383	Shim
11	2	6059219	Cylinder Retainer
12	8	6059580	O-Ring, Retainer OD ✘
13	2	562132	Rod Seal, Retainer ✘
14	2	562131	Rod Wiper, Retainer ✘
15	4	6059382	Half-Ring Keeper
16	2	6059421	Piston Wear Ring ✘
17	2	6059422	Piston Seal ✘
18	4	6059419	Bearing, Composite
19	4	6059584	Wiper
20	2	6059459	Rod Retainer Plug
21	4	6405531	Capscrew, M12 x 160
22	2	6043332	Fitting, M10 to No.4 JIC ●
23	4	6042689	Fitting, M10 to EO-2 Tube
24	4	769577	Capscrew, M16 x 50 ■
25	4	678992	Lockwasher, M16 ■
26	4	767615	◆ Capscrew, M10 x 25
27	2	6059397	◆ Spacer Bar
28	2	—	Rod Spacer
29	2	8100527	Piston Spacer

★ If cylinder shell or rod needs replacing due to bending damage, order complete Fork Positioner Assembly.

◆ Included in Fork Carrier Assembly 6059395.

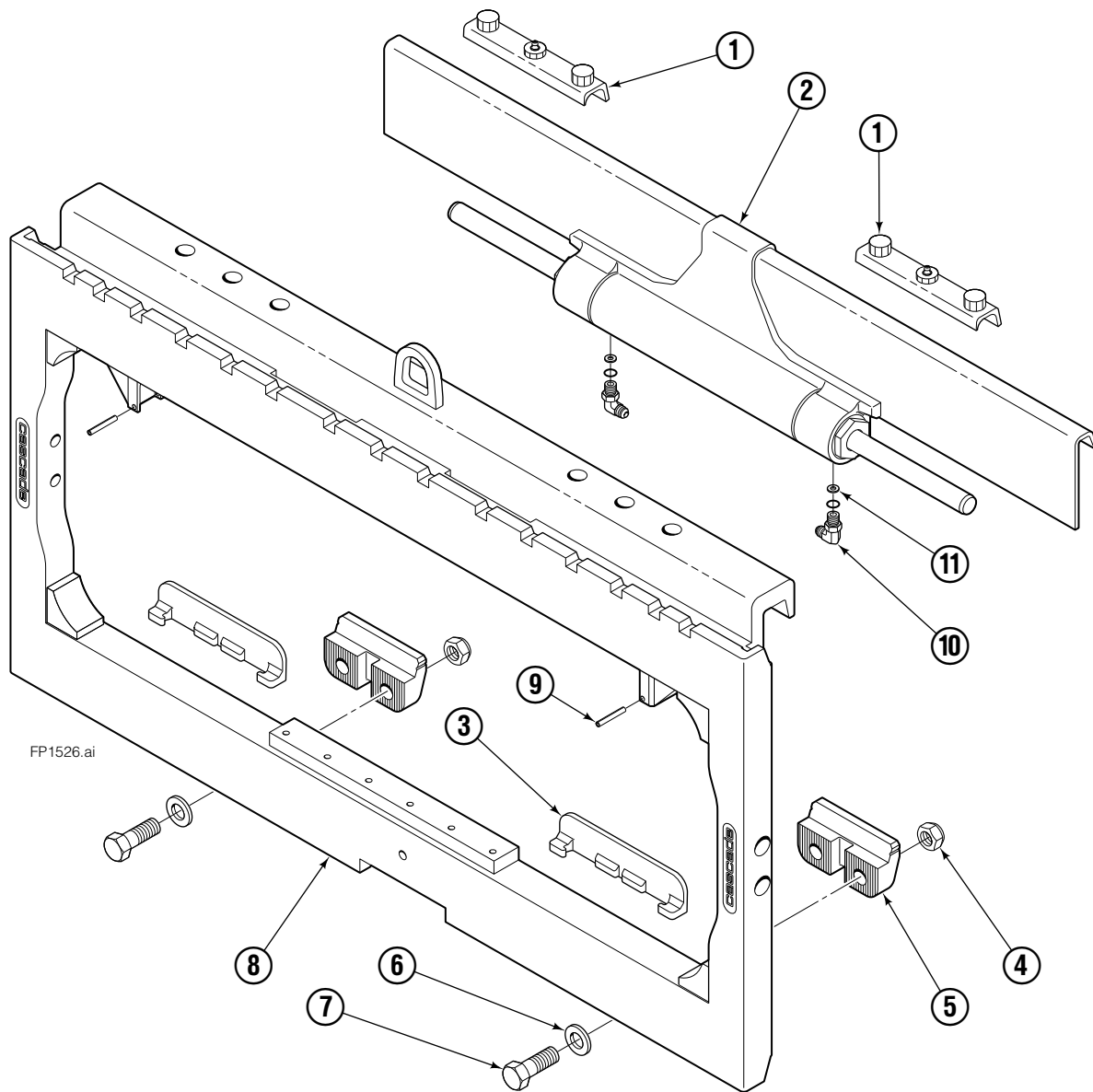
✘ Included in Cylinder Service Kit 6081752.

● Included in Fitting Group 6045440.

■ Included in Mounting Kit 6059460.

Reference: SK-8919.1

# Sideshift Assembly



## 150K

REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
1	2	6079936	Upper Bearing	7	4	768580	◆ Capscrew, M20 x 60
2	1	6802937	Cylinder ▲	8	1	6804704	Frame
3	2	6057162	Lower Bearing	9	2	7916	Roll Pin
4	4	783800	◆ Nut, M20	10	2	607616	■ Fitting, 6-6
5	2	6083157	◆ Lower Hook	11	2	221733	▼ Restrictor Washer
6	4	215419	◆ Washer, M20				

▲ See Cylinder page for parts breakdown.

◆ Included in Lower Hook Group 6801428.

Reference: Common Parts 6801215, S-23796 – Type 2.

■ Included in Fitting Group 204179.

▼ Included in Restrictor Group 221732.

# Cylinder Assembly



REF	QTY	PART NO.	DESCRIPTION
1	1	6802937	Cylinder Assembly
2	2	564406	● Rod Seal
3	2	609241	O-Ring
4	2	564408	● Rod Wiper Seal
5	2	6056530	Retainer
6	-	■	Rod/Piston Assembly
7	-	■	Cylinder Shell
		564409	Rod Seal Service Kit

● Included in Service Kit 564409.

■ Not serviceable – order new Cylinder Assembly.

Reference: S-23996.

# Recommended Spare Parts

120K/150K Fork Positioner/Sideshifter				
PART NUMBER	DESCRIPTION	UNITS SERVICED		
		1-5	6-19	20-50
	<b>FORK POSITIONER</b>			
6081752	Cylinder Internal Service Kit	0	4	8
6081751	Composite Bearing Service Kit	1	2	4
6081749	Bronze Bearing Service Kit	1	2	4
6059383	Mounting Shims	4	6	8
	<b>SIDESHIFTER</b>			
■	Upper Bearing	8	16	32
■	Lower Bearing	6	12	24
■	Lower Hook	0	2	4
■	Capscrew	0	4	8
■	Nut	0	4	8
215419	Washer	0	4	8
■	Cylinder Assembly	0	0	1
564409	Cylinder Rod Service Kit	1	2	4

■ See specific parts page.

# Publications



K-Series	
PART NO.	DESCRIPTION
6045671	User Manual (Operator's Guide, Installation, Periodic Maintenance, Parts)
6053927	Service Manual
679929	Tool Catalog
673964	Literature Index Order Form



**Do you have questions you need answered right now?** Call your nearest Cascade Parts Department. Visit us online at [www.cascorp.com](http://www.cascorp.com)

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