



Parts Manual

Model _____ Fork Positioner

Catalog Number _____ 120K-FPS-C021 R1

cascade®
corporation

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

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

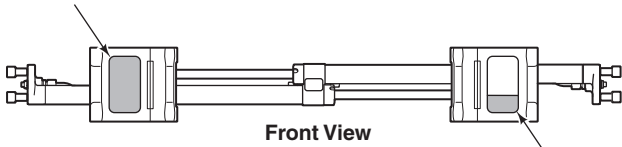
OR

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

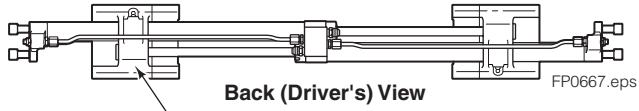
Internet: www.cascorp.com

Fork Positioner Assembly

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

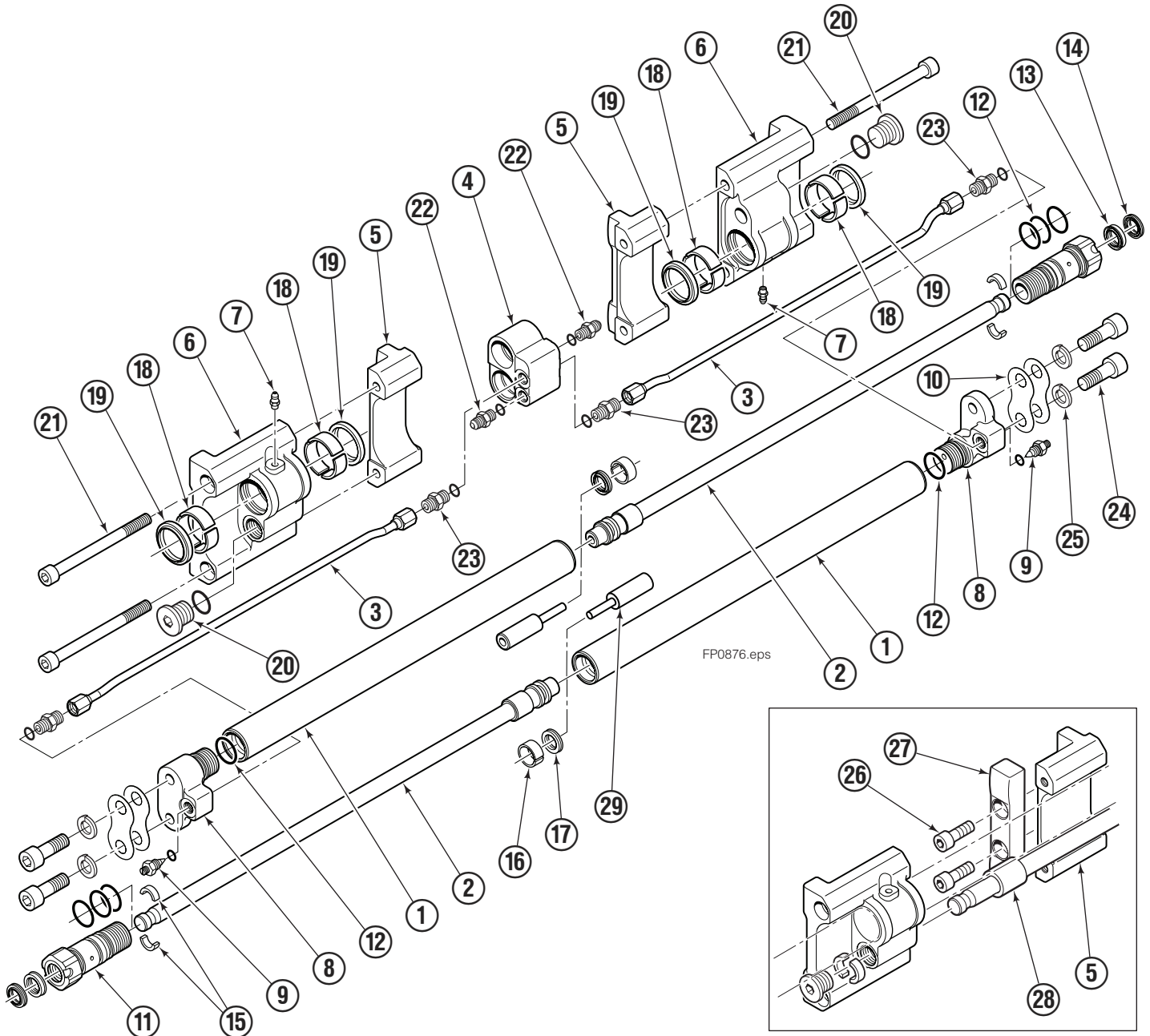


Patent Sticker



FP0667.eps

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
6804624	6084278	6084279	6045496

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.

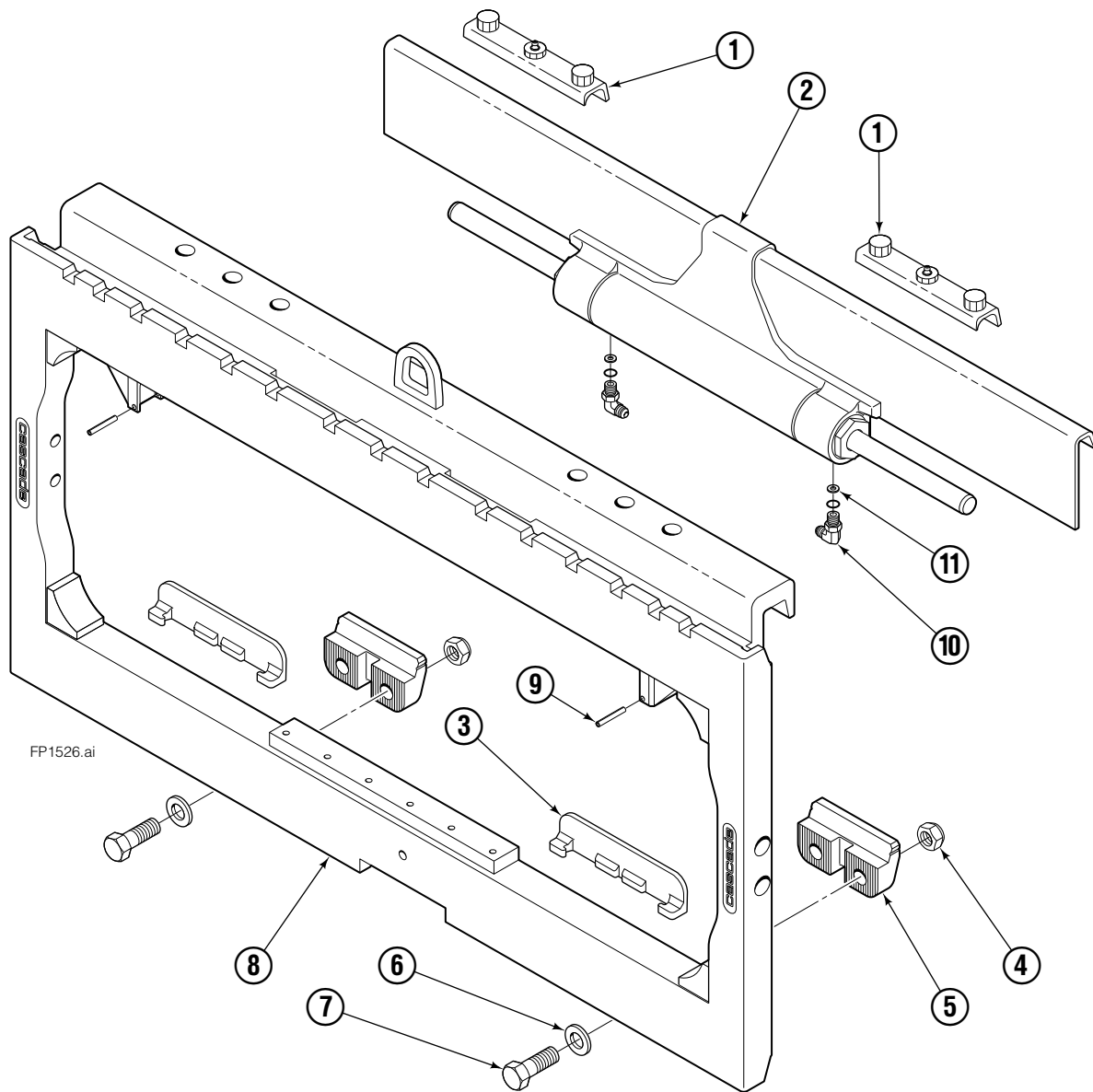
✘ Included in Cylinder Service Kit 6081752.

● Included in Fitting Group 6045440.

■ Included in Mounting Kit 6059460.

Reference: SK-8919.1

Sideshift Assembly



120K/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	6802911	Cylinder ▲	8	1	6804622	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.

■ Included in Fitting Group 204179.
 ▼ Included in Restrictor Group 221732.

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

Cylinder Assembly



REF	QTY	PART NO.	DESCRIPTION
1	1	6802911	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-23995.

Recommended Spare Parts

120K/150K Fork Positioner/Sideshifter				
PART NUMBER	DESCRIPTION	UNITS SERVICED		
		1-5	6-19	20-50
	FORK POSITIONER			
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
	SIDESHIFTER			
■	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

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