



Parts Manual

Model _____ **Fork Positioner**

Serial Number _____ **55K-FPS-A030 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

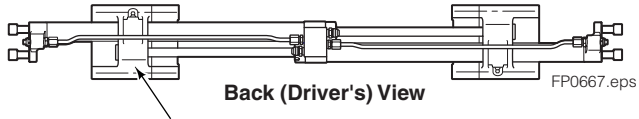
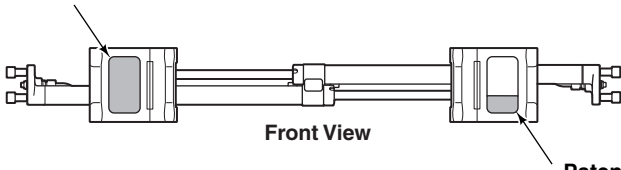
OR

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

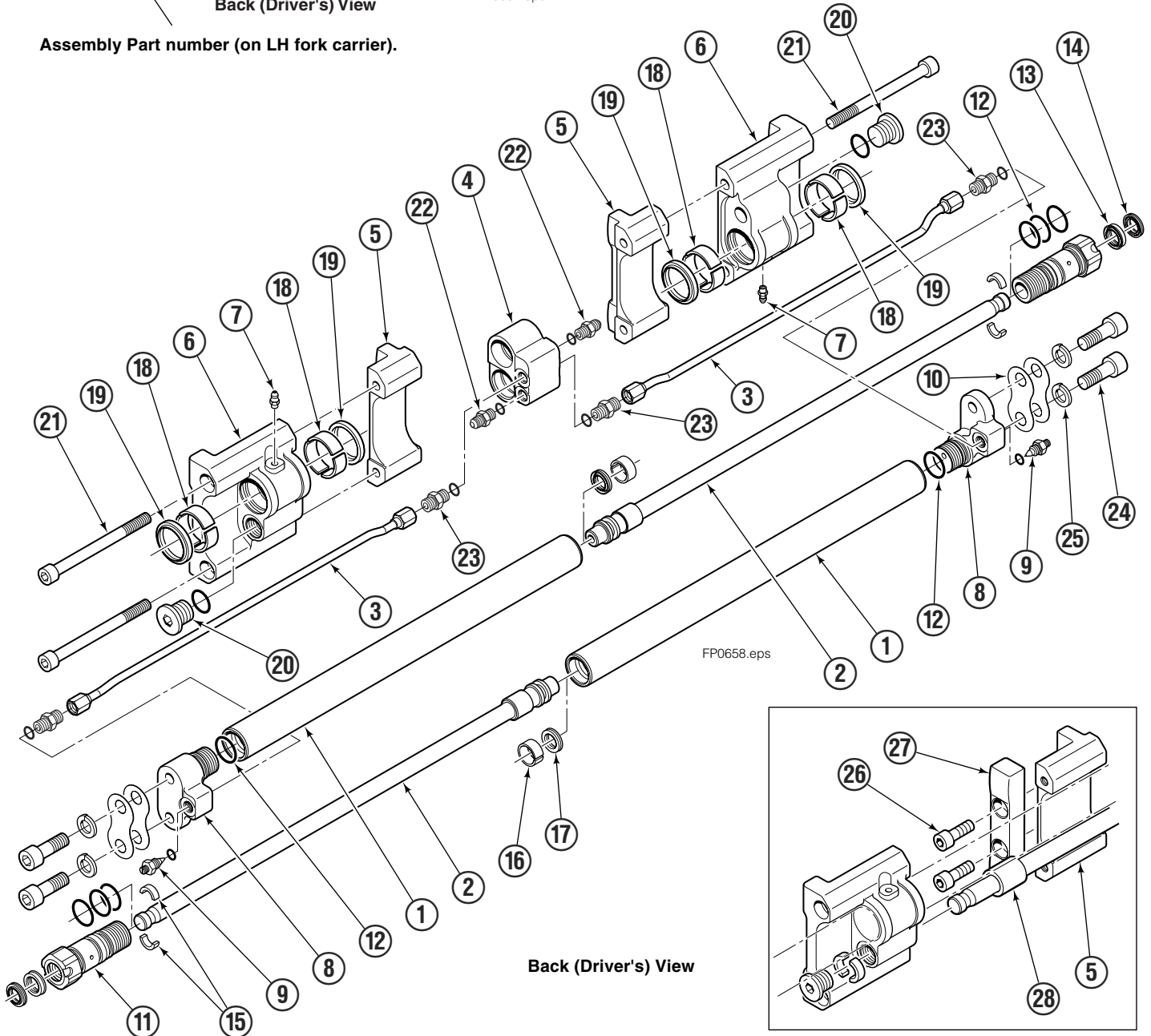
Internet: www.cascorp.com

Fork Positioner Assembly

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



Assembly Part number (on LH fork carrier).



Fork Positioner Assembly

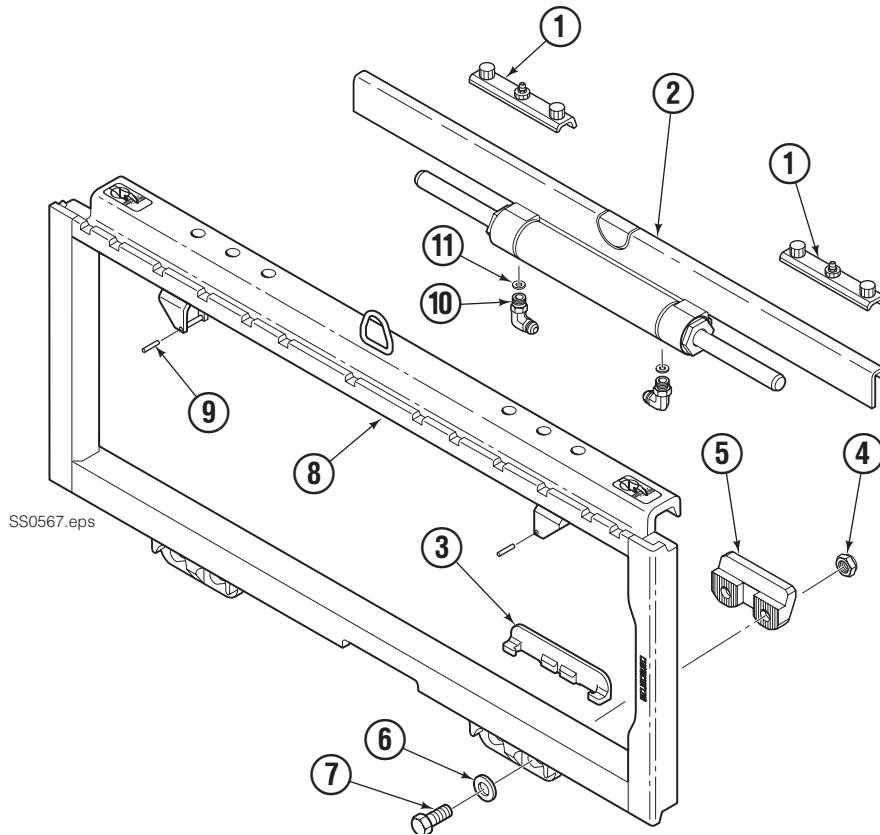
55K Variable Length Parts			
ASSEMBLY PART NO.	CYLINDER SHELL QTY 2	CYLINDER ROD QTY 2	TUBING QTY 2
6054840	6054841	6054842	6054844

55K Common Parts			
REF	QTY	PART NO.	DESCRIPTION
		6045406	Common Parts Group ◆
1	2	▼	Cylinder Shell ★
2	2	▼	Rod/Piston ★
3	2	▼	Tube
4	1	6043391	Manifold
5	2	6042443	Fork Carrier, Inner, 80/100 mm Fork
	2	6052301	Fork Carrier, Inner, 80/100/122 mm Fork ❖ ■
6	2	6042449	Fork Carrier, Outer
7	2	424115	Grease Fitting
8	2	6052709	Cylinder Head End
9	2	6042658	Restrictor Fitting
10	4	6039245	Shim
11	2	6039028	Cylinder Retainer
	2	6055787	Cylinder Retainer w/Seals (Items 12-14)
12	8	666183	O-Ring, Retainer OD ✖
13	2	6039179	Rod Seal, Retainer ✖
14	2	6039180	Rod Wiper, Retainer ✖
15	4	6042830	Half-Ring Keeper
16	2	6039172	Piston Wear Ring ✖
17	2	6047577	Piston Seal ✖
18	12	6039171	Bearing, Composite ✓
19	4	6043341	Shell Wiper ✓
20	2	6043316	Rod Retainer Plug
21	4	768824	Capscrew, M10 x 120
22	2	6042689	Fitting, M10 to No.4 JIC
	2	6053537	Fitting, M10 to No.4 ORFS
23	4	6042689	Fitting, M10 to EO-2 Tube ●
24	4	769572	Capscrew, M12 x 35 ■
25	4	684660	Lockwasher, M12 ■
26	4	767615	Capscrew, M10 x 25
27	2	6052315	Spacer Bar
28	2	6054755	Rod Spacer ❖

- ◆ Includes Items 4–22.
- ▼ Variable length part, refer to Table above.
- ★ If cylinder shell and/or rod needs replacing due to bending damage, the best value is to order a complete Fork Positioner Assembly.
- ❖ Included in Retrofit Kit 6054753, converts 3 & 4-in. (80 & 100) mm fork carrier to 5 in. (122 mm) fork carrier.
- Used with items 26 and 27 to fit 4-in. (100 mm) forks.
- ✖ Included in Cylinder Seal Kit 6055389.
- ✓ Included in Composite Bearing Service Kit 6055390.
- Included in Fitting Group 6045440.
- Included in Mounting Kit 6045442.

Reference: SK-8117, SK-8277

Sideshift Group



55K							
REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
1	2	228782	Upper Bearing	7	4	639121	Capscrew, 5/8 x 1.50 ◆ (or)
2	1	6025685	Cylinder ★		4	752903	Capscrew, M16 x 45 ◆
3	2	6000719	Lower Bearing	8	1	6054948	Frame ●
4	4	553857	Nut, 5/8 ◆ (or)	9	2	7890	Roll Pin
	4	781534	Nut, M16 ◆	10	2	601676	Fitting, 6-6 ■
5	2	204186	Lower Hook ◆	11	2	221733	Restrictor Washer
6	4	667225	Washer ◆				

★ See Cylinder page for parts breakdown.

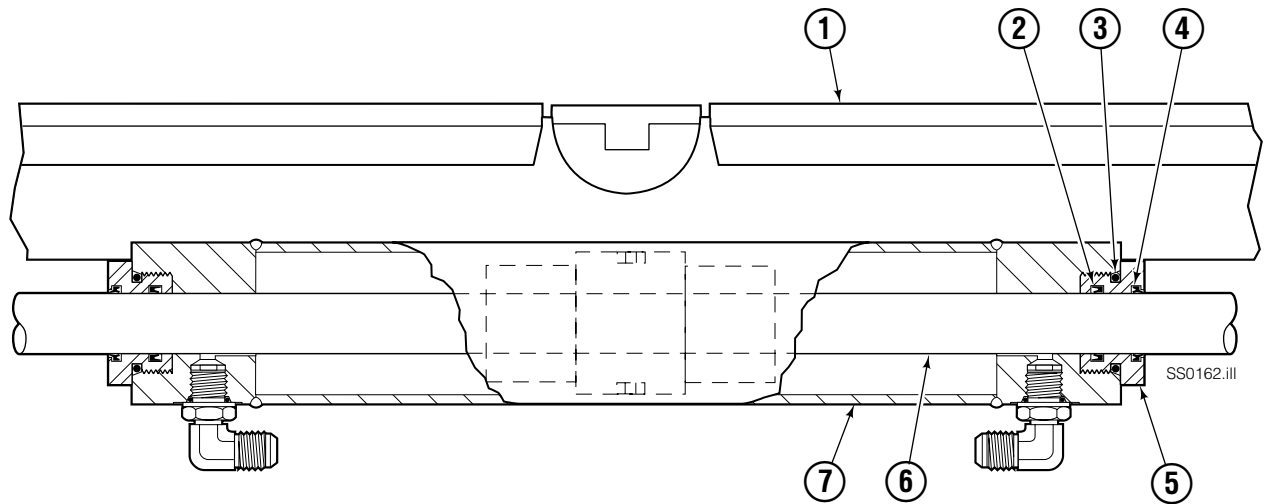
◆ Included in Lower Hook Group 204182.

● If the Frame needs replacing, your best value is to order the complete sideshift assembly.

■ Included in Fitting Group 204179.

Reference: Common Parts 219614, S-10090 - Type 1, Restrictor Group 221732.

Cylinder



55K			
REF	QTY	PART NO.	DESCRIPTION
1	1	6025685	Cylinder Assembly
2	2	562132	● Rod Seal
3	2	415866	● O-Ring, 70 Duro
4	2	562131	● Rod Wiper Seal
5	2	218324	Retainer/Seal Carrier
6	-	■	Rod/Piston Assembly
7	-	■	Cylinder Shell
		219868	Rod Seal Service Kit

● Included in Service Kit 219868.

■ Not serviceable, order new Cylinder Assembly.

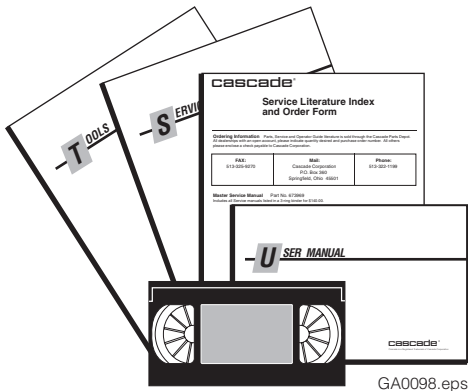
Reference: S-21006.

Recommended Spare Parts

55K-Fork Positioner/Sideshifter		UNITS SERVICED		
PART NUMBER	DESCRIPTION	1-5	6-19	20-50
FORK POSITIONER				
6055389	Cylinder Internal Service Kit	0	4	8
6055390	Composite Bearing Service Kit	1	2	4
6055391	Bronze Bearing Service Kit	1	2	4
6039245	Mounting Shims	4	6	8
SIDESHIFTER				
■	Upper Bearing	8	16	32
■	Lower Bearing	6	12	24
204186	Lower Hook	0	2	4
■	Capscrew	0	4	8
■	Nut	0	4	8
667225	Washer	0	4	8
6XXXXXX■	Cylinder Assembly	0	0	1
219868	Cylinder Rod Service Kit	1	2	4

■ See specific parts page for part number.

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

**Cascade Corporation
U.S. Headquarters**
2201 NE 201st
Fairview, OR 97024-9718
Tel: 800-CASCADE (227-2233)
FAX: 888-329-8207

Cascade Canada Inc.
5570 Timberlea Blvd.
Mississauga, Ontario
Canada L4W-4M6
Tel: 905-629-7777
FAX: 905-629-7785

Cascade GmbH
Niederwippekühl 1
58579 Schalksmühle
Germany
Tel: 02355-50900
FAX: 02355-509020

Cascade Finland
A. Petreliuksenkatu 3
01370 Vantaa
Finland
Tel: 09-8361925
FAX: 09-8361935

**Cascade N.V.
Benelux Sales and Service**
Damsluisweg 56
PO Box 3009
1300 El Almere
The Netherlands
Tel: 036-5492950
FAX: 036-5492974

Cascade Kenhar Ltd.
3 Kelbrook Road
Parkhouse Ind. Estate
Openshaw,
Manchester M11 2DD
England
Tel: 0161-438-4020
FAX: 0161-438-4055

**Sales Scotland
Macade Systems Ltd.**
18 Melford Road
Righead Ind. Estate
Bellshill ML4 3LR
Scotland
Tel: 01698-845777
FAX: 01698-845888

Cascade (Africa) Pty. Ltd.
PO Box 625, Isando 1600
60A Steel Road
Sparton, Kempton Park
South Africa
Tel: 27-11-975-9240
FAX: 27-11-394-1147

Cascade Scandinavia AB
Hammarvägen 10
PO Box 124
S-56723 Vaggeryd
Sweden
Tel: 039-336950
FAX: 039-336959

**Cascade France
S.A.R.L. MHP**
1D Rue De Charaintru BP 18,
91360 Epinay-Sur-Orge
France
Tel: 01-6454-7500
FAX: 01-6454-7501

Cascade Hispania S.A.
Carrer 5, Sector C
Zona Franca Duanera
Poligono de la Zona Franca
08040 Barcelona, Spain
Tel: 93-264-07-30
FAX: 93-264-07-31

Cascade Italia S.R.L.
Via Dell'Artigianato 1
37050 Vago di Lavagno (VR)
Italy
Tel: 39-045-8989111
FAX: 39-045-8989160

Movimenta Lda.
Parque Industrial
Vale do Alecrim, Lote 108
2950-403 Palmela
Portugal
Tel: 351-212387340
FAX: 351-212387349

**Sales Switzerland
Fahrzeugbedarf**
8810, Horgen
Switzerland
Tel: 01-7279797
FAX: 01-7279798

Sales Poland
Targowa 35/61
03-728 Warszawa
Tel: 022-619 00 49
FAX: 022-619 00 49
Mobile Tel: 0501-27 29 55

Sales Russia
EMCG Material Handling
Equipment
Moscow
Tel: 095-795-2400
FAX: 095-795-2475
Email: emcg@emcg.ru

Cascade Japan Ltd.
5-5-41,
Torikai Kami
Settsu, Osaka
Japan, 566
Tel: 81-726-53-3490
FAX: 81-726-53-3497

Cascade Korea
121B 9L Namdong Ind.
Complex, 691-8 Gojan-Dong
Namdong-Ku
Inchon, 405-310 Korea
Tel: 82-32-821-2051
FAX: 82-32-821-2055

Cascade Australia
1445 Ipswich Road
Rocklea, QLD 4107
Australia
Tel: 1-800-227-223
FAX: 617-3373-7333

Cascade New Zealand
15 Ra Ora Drive
East Tamaki, Auckland
New Zealand
Tel: 64-9-273-9136
FAX: 64-9-273-9137

Cascade-Xiamen
No. 668 Yangguang Rd.
Xinyang Industrial Zone
Haicang, Xiamen City
Fujian Province
P.R. China 361026
Tel: 86-592-651-2500
FAX: 86-592-651-2571

**Sunstream Industries
Pte Ltd.**
No. 3 Tuas Link 1
2263
Singapore
Tel: 65-6863-3488
FAX: 65-6863-1368

**Cascade do Brasil
Distribuidora de Garras
e Garfos LTDA**
R. Joao Guerra, 134
Macuco-Santos
Sao Paulo - SP
Brasil 11015-130
Tel: 55-11-5016-2484
Fax: 55-11-5013-2809

