



Parts Manual

Model _____ Fork Positioner

Catalog Number _____ 150K-FPS-C035 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

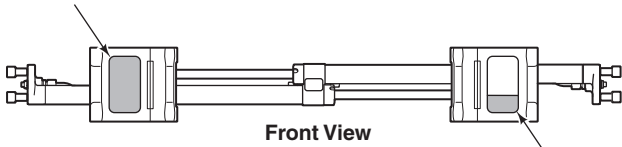
OR

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

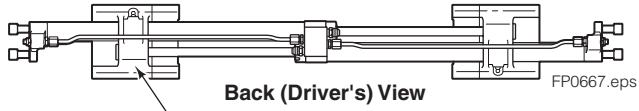
Internet: www.cascorp.com

Fork Positioner Assembly

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

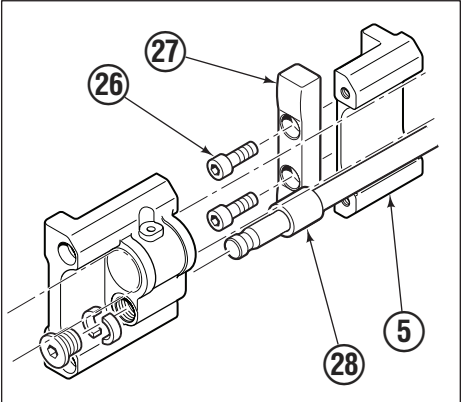
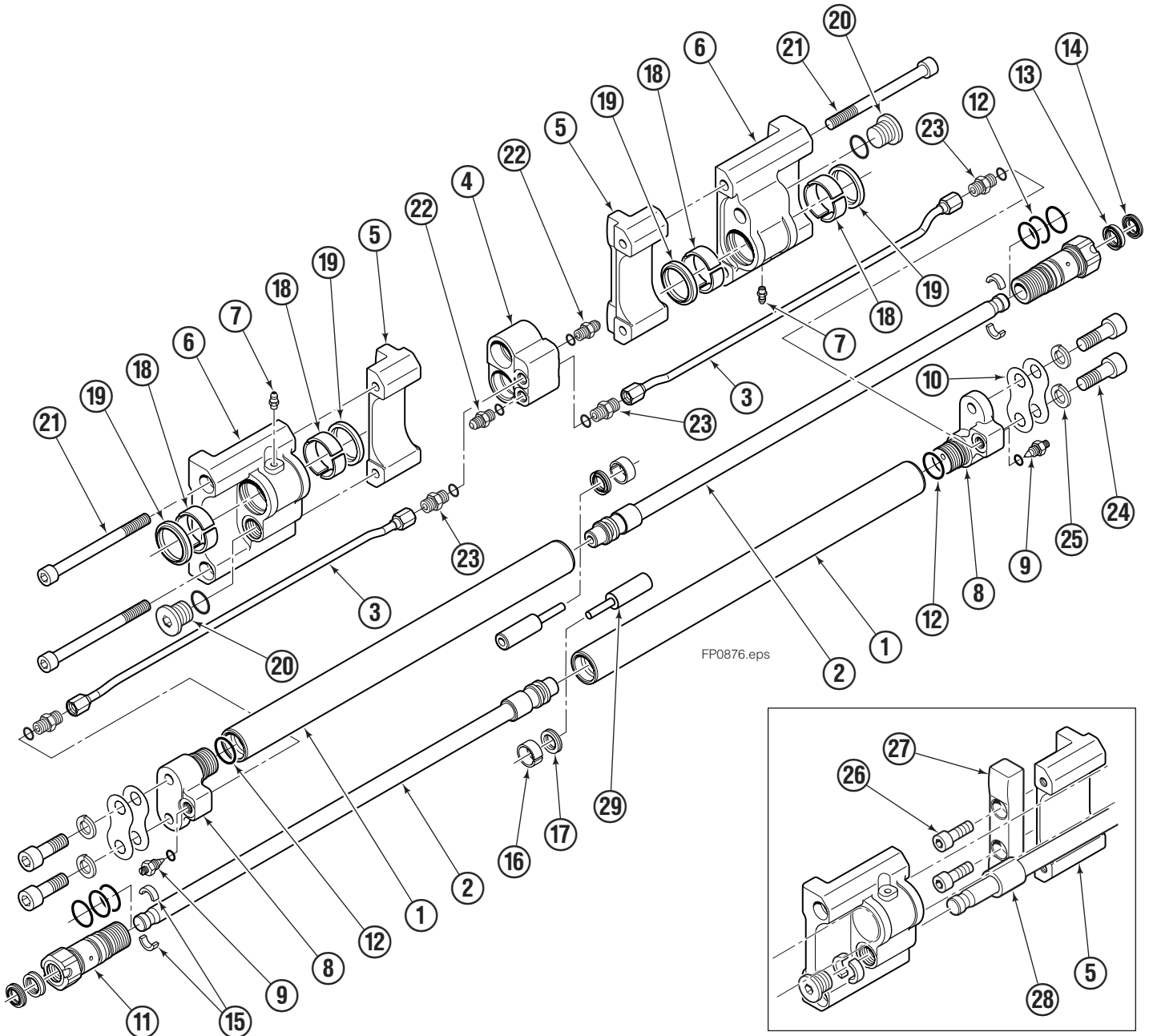


Patent Sticker



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
6804687	6084264	6084265	6084267

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.

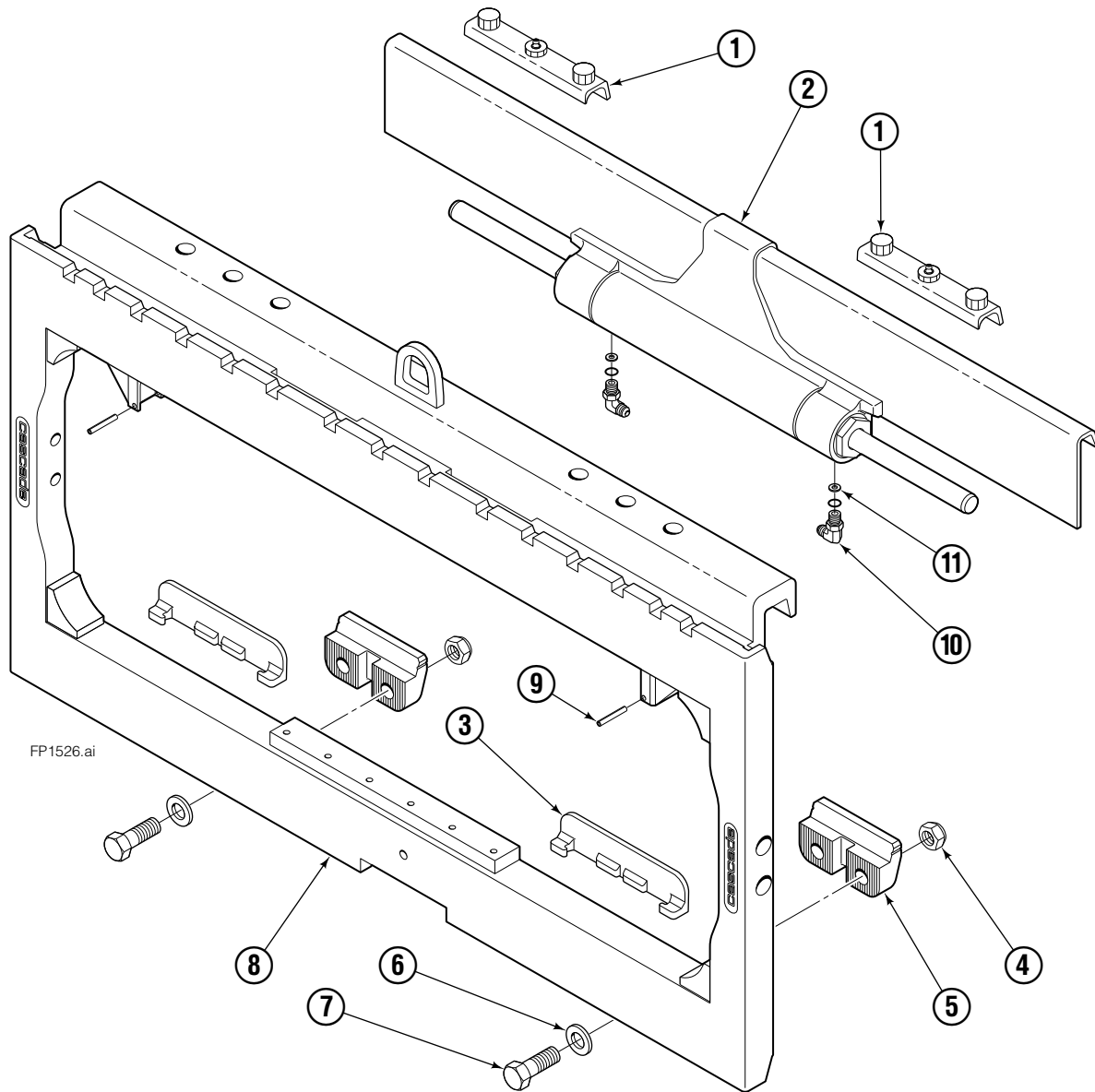
✘ Included in Cylinder Service Kit 6081752.

● 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	6804686	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	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

**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 Italia S.R.L.
European Headquarters**
Via Dell'Artigianato 1
37030 Vago di Lavagno (VR)
Italy
Tel: 39-045-8989111
FAX: 39-045-8989160

**Cascade N.V.
Benelux Sales**
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: 0800-243015
FAX: 0161-4384055

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

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.
Calle Mogoda, 66-68 Nave 8
Pol Ind Can Salvatella
08210 Barberá del Vallés -
Barcelona, Spain
Tel: +34 93719 7530
Fax: +34 93719 75 31

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

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.
2-23, 2-Chome,
Kukuchi Nishimachi
Amagasaki, Hyogo
Japan, 661-0978
Tel: 81-6-6420-9771
FAX: 81-6-6420-9777

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
LTDA**
Rua João Guerra, 134
Macuco, Santos - SP
Brasil 11015-130
Tel: 55-13-2105-8800
Fax: 55-13-2105-8899

**Cascade India Material
Handling Private Limited**
No 9, Global Trade Centre
1/1 Rambaugh Colony
Lal Bahadur Shastri Road,
Navi Peth, Pune 411 030
(Maharashtra) India
Phone: 020 2433 5460/5490
Fax: 020 2433 0881

