



Parts Manual

Model _____ Fork Positioner

Serial Number _____ 55K-FPS-A222 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

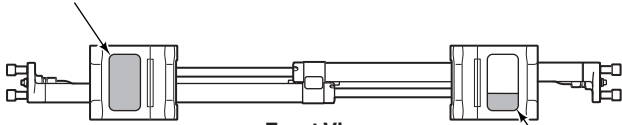
OR

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

Internet: www.cascorp.com

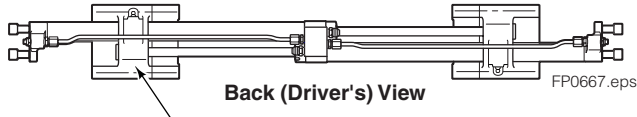
Fork Positioner Assembly

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



Front View

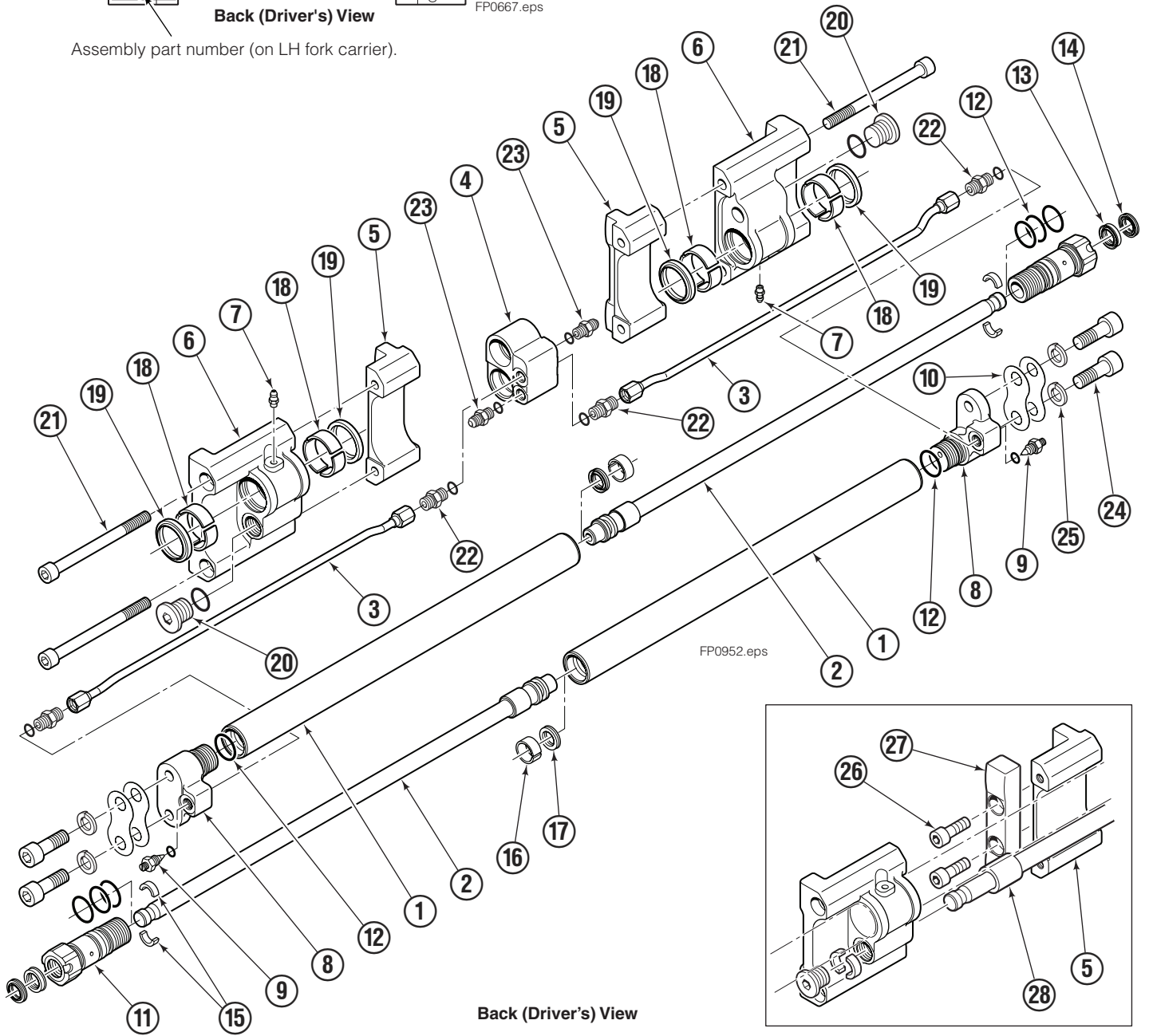
Patent Sticker



Back (Driver's) View

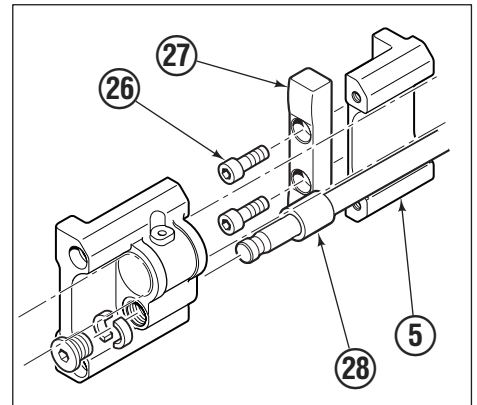
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Assembly part number (on LH fork carrier).



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Back (Driver's) View



Fork Positioner Assembly

Items that vary by width

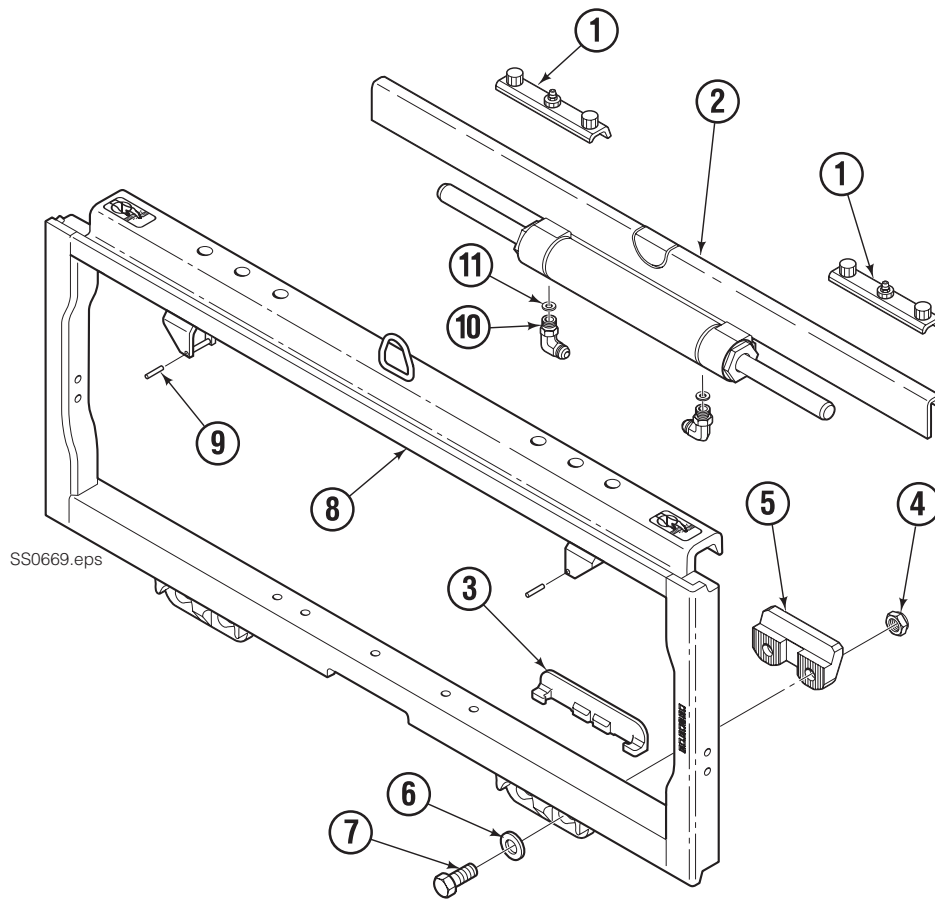
55K			
ASSEMBLY PART NO.	REF. NO. 1 CYLINDER SHELL QTY 2	REF. NO. 2 CYLINDER ROD QTY 2	REF. NO. 3 TUBE QTY 2
6054521	6054522 ★	6054523 ★	6047381

REF	QTY	PART NO.	DESCRIPTION
		6045407	Common Parts Group ◆
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	6045405	Bearing, Bronze ✓
19	4	6043341	Shell Wiper ✓
20	2	6043316	Rod Retainer Plug
21	4	768824	Capscrew, M10 x 120
22	4	6042689	Fitting, M10 to 6 mm EO-2
23	2	6043332	Fitting, M10 to No.4 JIC ●
	2	6053537	Fitting, M10 to No. 4 ORFS ▼
24	4	769572	Capscrew, M12 x 35 ■
25	4	684660	Lockwasher, M12 ■
26	4	767615	Capscrew, M12 x 25
27	2	6052315	Spacer Bar
28	2	6054755	Rod Spacer ❖

- ◆ Includes items 4-22.
- ★ If cylinder shell or rod needs replacing due to bending damage, order 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 Service Kit 6055389.
- ✓ Included in Bronze Bearing Service Kit 6055391.
- Included in Fitting Group 6045440.
- ▼ Included in Fitting Group 6053538.
- Included in Mounting Kit 6045442.

Reference: SK-8117, SK-8277.

Sideshift Assembly



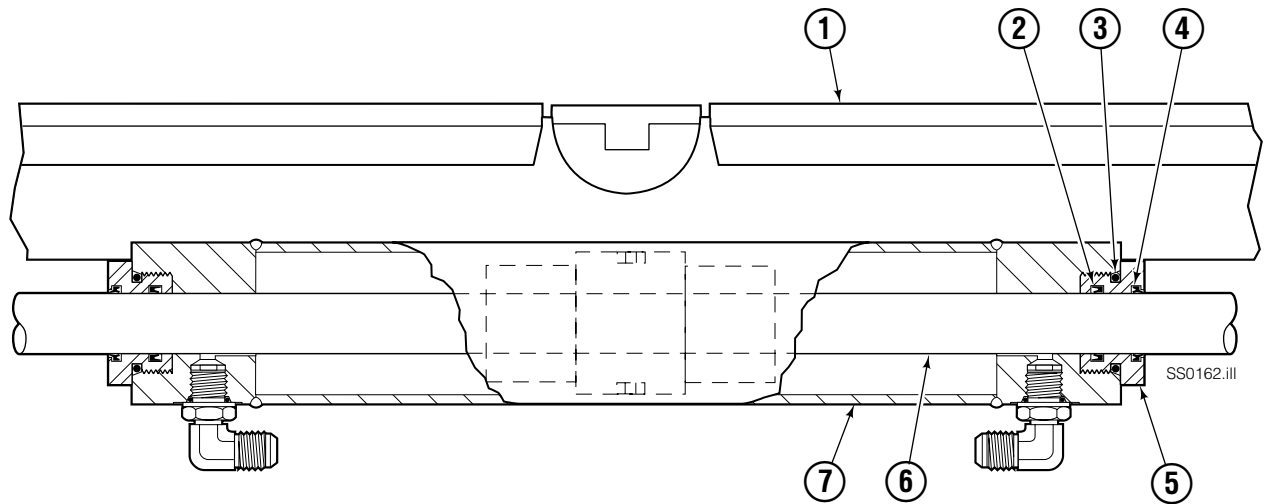
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55F							
REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
1	2	228782	Upper Bearing	7	4	639121	◆ Capscrew. 5/8 x 1.50 (or)
2	1	6025684	Cylinder ▲		4	752903	◆ Capscrew, M16 x 45
3	2	6000719	Lower Bearing	8	1	6054963	Frame ●
4	4	553857	◆ Nut, 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.
 Reference: Common Parts Group 219614,
 S-22752 - Type 1.

● If the Frame needs replacing, your best value is to order the complete Sideshift Assembly.
 ■ Included in Fitting Group 204179.
 ▼ Included in Restrictor Group 221732.

Cylinder



55F			
REF	QTY	PART NO.	DESCRIPTION
1	1	6025684	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

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