



# Parts Manual

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

Serial Number \_\_\_\_\_ 65K-FPS-B086 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**

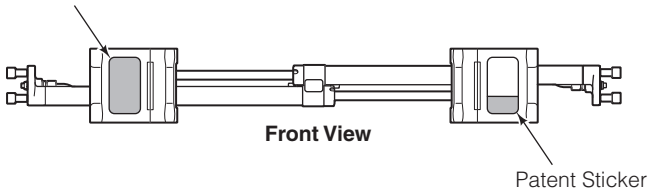
**Write:** Cascade Corporation, P.O. Box 20187, Portland, OR 97220

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

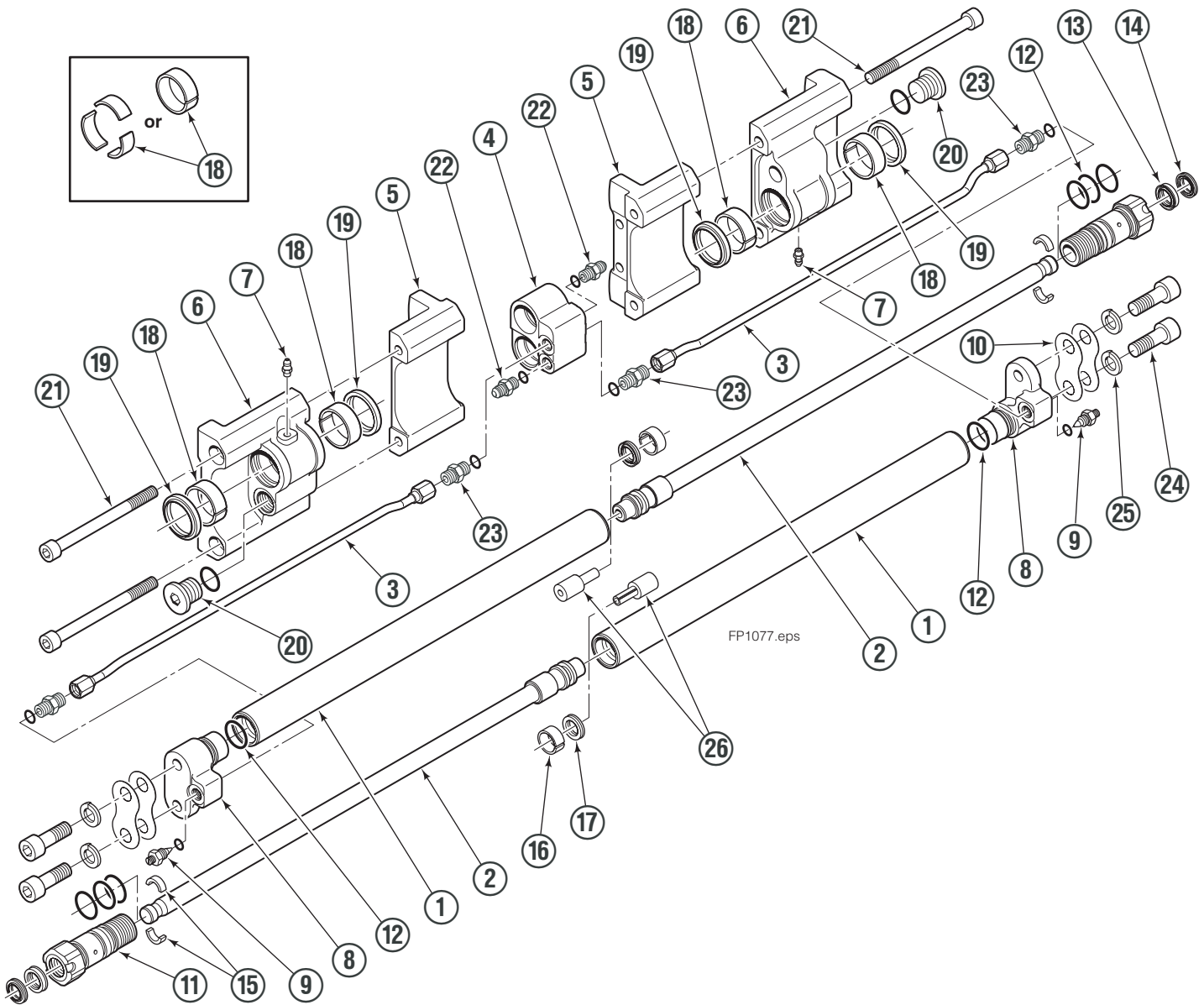


# Fork Positioner Assembly

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



Assembly part number (on LH fork carrier).



# Fork Positioner Assembly

70K			
REF	QTY	PART NO.	DESCRIPTION
		6056294	Fork Positioner Assembly
1	2	6056139	Cylinder Shell ▲
2	2	6056140	Cylinder Rod ▲
3	2	6056142	Tube
4	1	6043391	Manifold
5	2	6052301	Fork Carrier, Inner, 80/122 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 ◆
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	4	6039171	Bearing, Composite ★
	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 ●
24	4	769572	Capscrew, M12 x 35 ■
25	4	684660	Lockwasher, M12 ■
26	2	6055038	Spacer

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

◆ Includes items 12-14.

✖ Included in Cylinder Service Kit 6055389.

★ Included in Composite Bearing Service Kit 6055390.

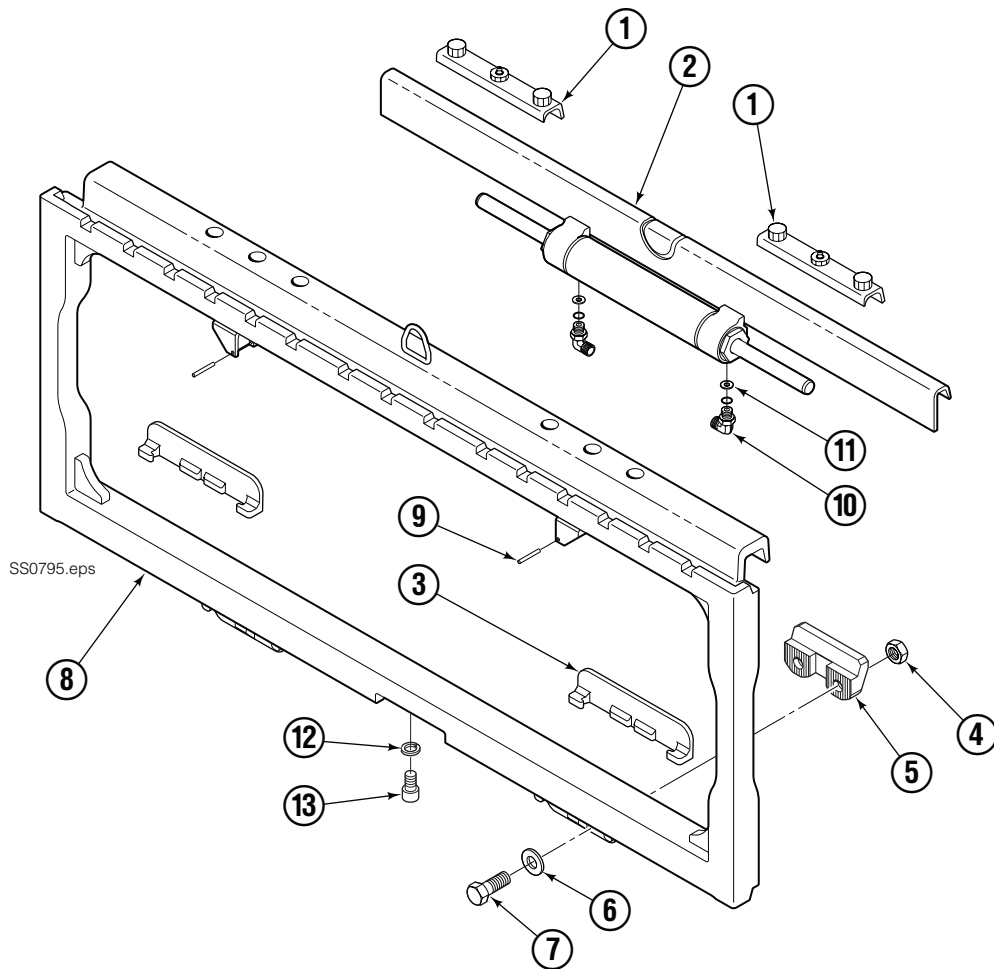
✓ Included in Bronze Bearing Service Kit 6055391.

● Included in Fitting Group 6045440.

■ Included in Mounting Kit 6045442.

Reference: Common Parts 6056272, 6056273, SK-8737.

# Sideshift Assembly

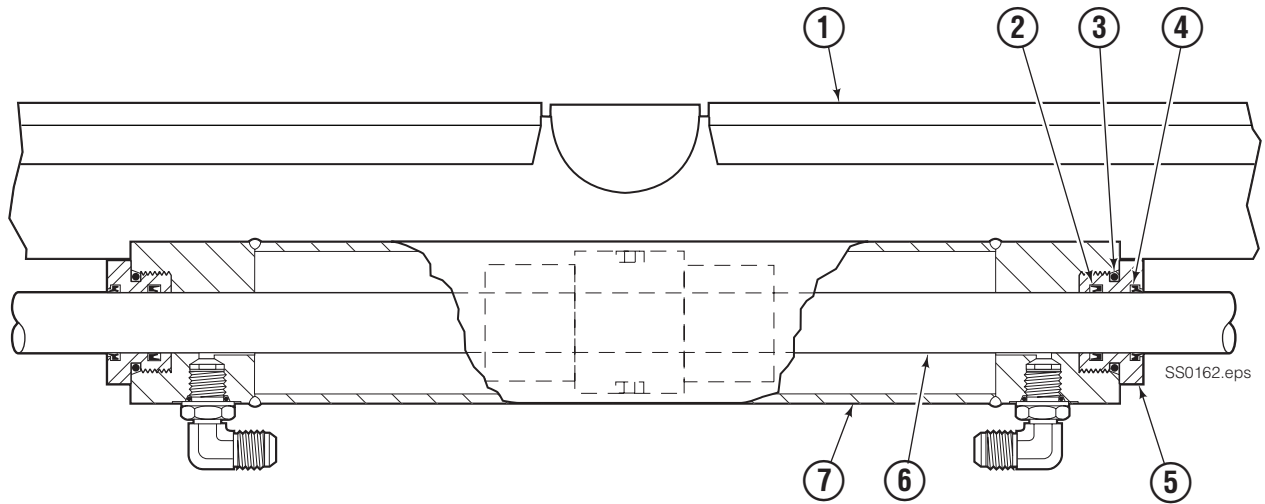


65F							
REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
1	2	6051249	Upper Bearing	8	1	6068619	Frame ●
2	1	6061486	Cylinder ▲	9	2	7890	Roll Pin
3	2	6057162	Lower Bearing	10	2	601676	■ Fitting, 6-6
4	4	678990	◆ Nut, M16	11	2	221733	▼ Restrictor Washer
5	2	204186	◆ Lower Hook	12	1	678991	Lockwasher, M12 □
6	4	667225	◆ Washer	13	1	768825	Capscrew, M12 x 20 □
7	4	752903	◆ Capscrew, M16 x 45				

- ▲ 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.
  - ▼ Included in Restrictor Group 221732.
  - Included in Center Capscrew Group 6018265.
- Reference: Common Parts 6057335, S-22699 – Type 2.

# Cylinder Assembly



65F			
REF	QTY	PART NO.	DESCRIPTION
1	1	6061486	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.

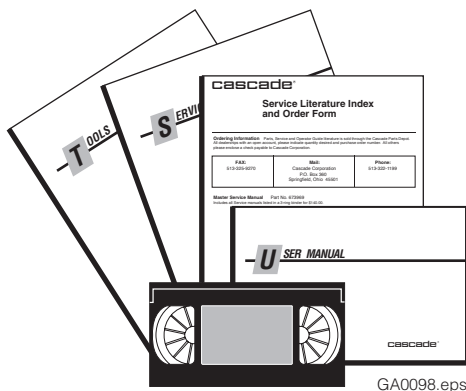
Reference: S-22490.

# Recommended Spare Parts

65K-Fork Positioner/Sideshifter				
PART NUMBER	DESCRIPTION	UNITS SERVICED		
		1-5	6-19	20-50
<b>FORK POSITIONER</b>				
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
<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
667225	Washer	0	4	8
■	Cylinder Assembly	0	0	1
219868	Cylinder Rod Service Kit	1	2	4

■ See specific parts page.

## Publicatons



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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