



Parts Manual

Model 150J Fork Positioner

Serial Number 150J-FPS-XXX

cascade®

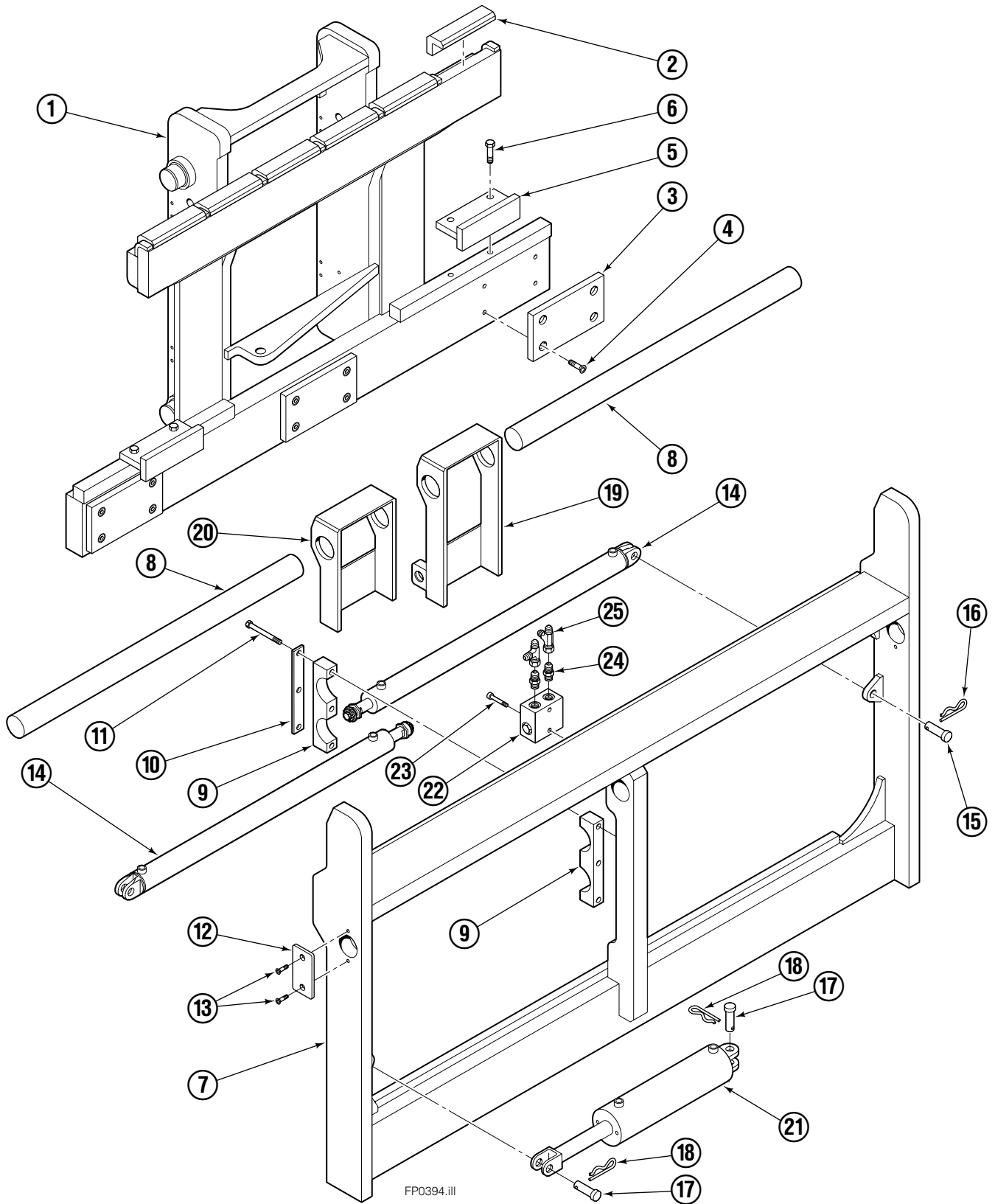
For Technical Assistance call: 800-227-2233, Fax: 888-329-8207

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

OR

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

Carriage Assembly



FP0394.iii

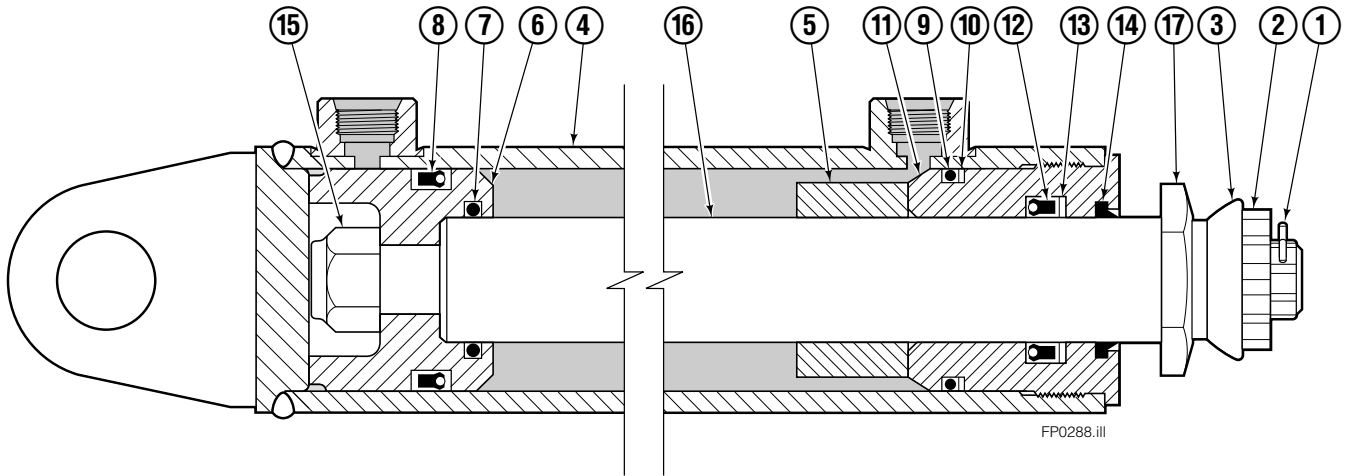
Carriage Assembly

150J			
REF	QTY	PART NO.	DESCRIPTION
		6008174	Carriage Assembly
1	1	6008198	Carriage
2	6	3012106	Upper Bearing
3	3	3013187	Lower Bearing
4	12	766646	Capscrew, M10 x 20
5	2	3013213	Lower Retainer
6	4	752903	Capscrew, M16 x 45
7	1	6008219	Frame
8	2	6008446	Shaft
9	2	3014343	Cylinder Clamp
10	1	3014344	Clamp Support
11	3	684800	Capscrew, M12 x 100
12	2	3012749	Retainer
13	4	768706	Capscrew, M12 x 35
14	2	6008464	Cylinder ◆
15	2	678528	Clevis Pin
16	2	672726	Cotter Pin
17	2	686215	Clevis Pin
18	2	686217	Cotter Pin
19	1	6008461	Fork Carrier
20	1	6008450	Fork Carrier
21	1	6003547	Cylinder ◆
22	1	6003463	Cross-Over Relief Valve ●
23	2	768798	Capscrew, M8 x 45 ●
24	2	611288	Fitting, 6-6 ●
25	2	611329	Fitting, 6-6 ●

◆ See Cylinder page for parts breakdown.

● Included in Valve Group 6003482.

Cylinder

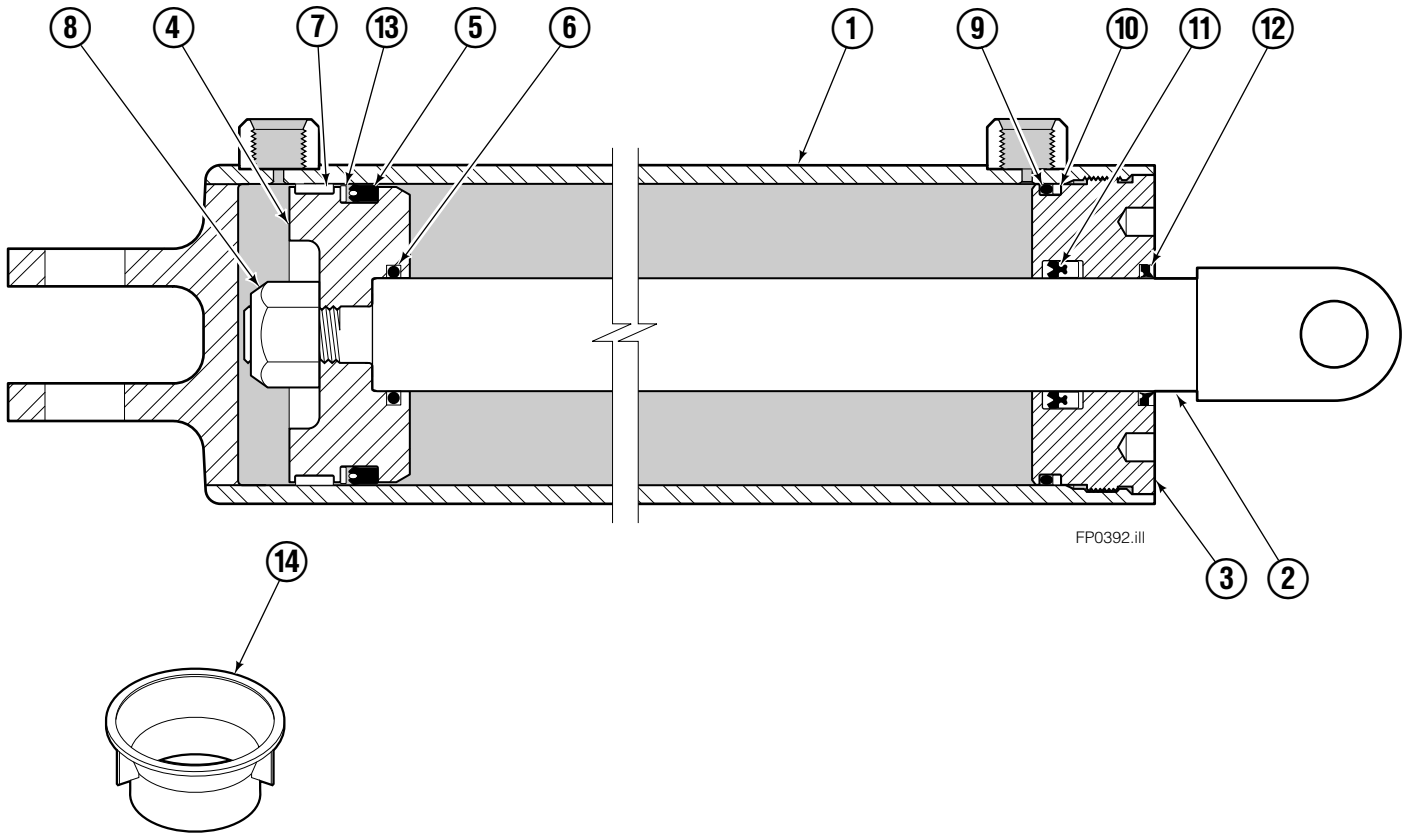


150J			
REF	QTY	PART NO.	DESCRIPTION
		6008464	Cylinder Assembly
1	2	6510	Cotter Pin
2	2	667624	Nut Retainer
3	2	667625	Nut
4	1	6008466	Shell
5	1	3017540	Spacer
6	1	558200	Piston
7	1	2716	O-Ring ▲
8	1	662452	Seal ▲
9	1	2785	O-Ring ▲
10	1	615128	Back-Up Ring ▲
11	1	563906	Retainer
12	1	662448	Seal ▲
13	1	638243	Nylon Ring ▲
14	1	636853	Wiper ▲
15	1	667623	Nut
16	1	6008467	Rod
17	1	667626	Washer
	1	671047	Seal Loader, Piston ▲
	1	671051	Seal Loader, Retainer ▲
		668021	Service Kit

▲ Included in Service Kit 668021.

Reference: S-20040, S-20101, S-20108.

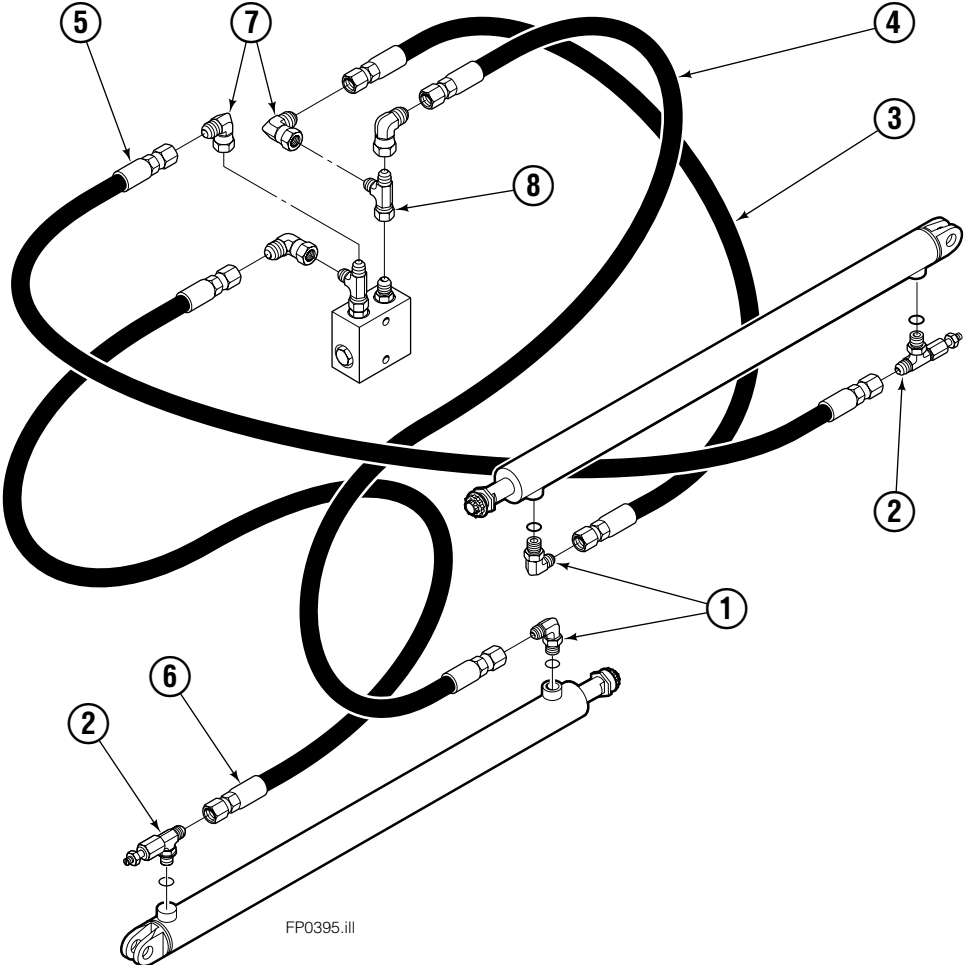
Sideshift Cylinder



REF	QTY	PART NO.	DESCRIPTION
		6003547	Cylinder Assembly
1	1	6003548	Shell
2	1	6003549	Rod
3	1	555207	Retainer
4	1	555226	Piston
5	1	662460	Seal ◆
6	1	2722	O-Ring ◆
7	1	660767	Bearing ◆
8	1	560997	Nut
9	1	2797	O-Ring ◆
10	1	615140	Back-Up Ring ◆
11	1	554598	Seal ◆
12	1	564930	Wiper ◆
13	2	638293	Back-Up Ring ◆
14	1	672909	Seal Loader
		555227	Service Kit

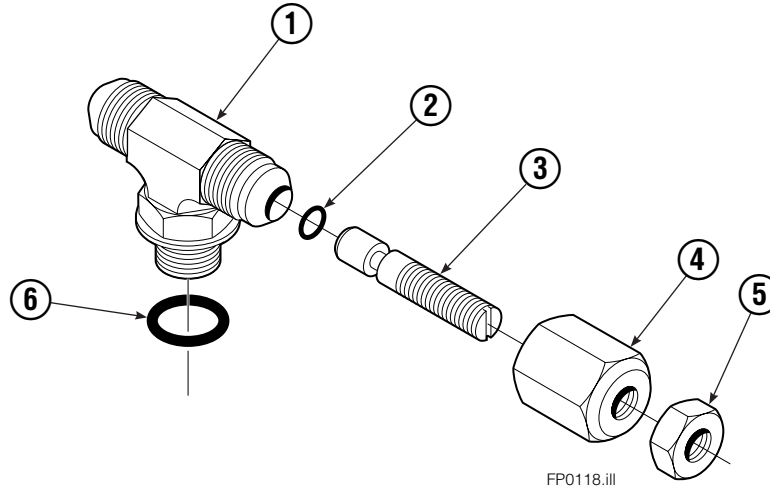
◆ Included in Service Kit 555227.

Hydraulic Group



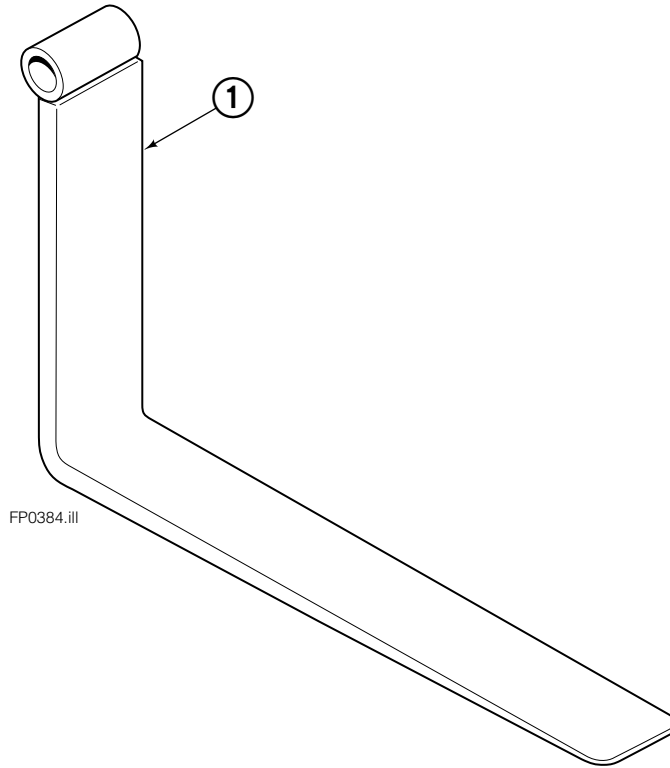
150J			
REF	QTY	PART NO.	DESCRIPTION
		6008500	Hydraulic Group
1	2	601676	Fitting, 6-6
2	2	617487	Restrictor Fitting
3	1	389258	Hose, 9.25 in.
4	1	390942	Hose, 26 in.
5	1	385045	Hose, 39 in.
6	1	330091	Hose, 47.25 in.
7	5	2680	Fitting, 6-6
8	1	611329	Fitting, 6-6

Restrictor Fitting



REF	QTY	PART NO.	DESCRIPTION
		617487	Restrictor Assembly
1	1	617486	Tee
2	1	2698	O-Ring
3	1	11100	Setscrew
4	1	11099	Cap
5	1	5715	Jam Nut
6	1	2840	O-Ring

Fork Weldment



REF	QTY	PART NO.	DESCRIPTION
	2	6008394	Fork Weldment

Do you have questions you need answered right now? Call your nearest Cascade Parts Department.

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