



Parts Manual

Model Integral Fork Positioner

Serial Number 150J-IFS-H100R0

cascade[®]
corporation

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

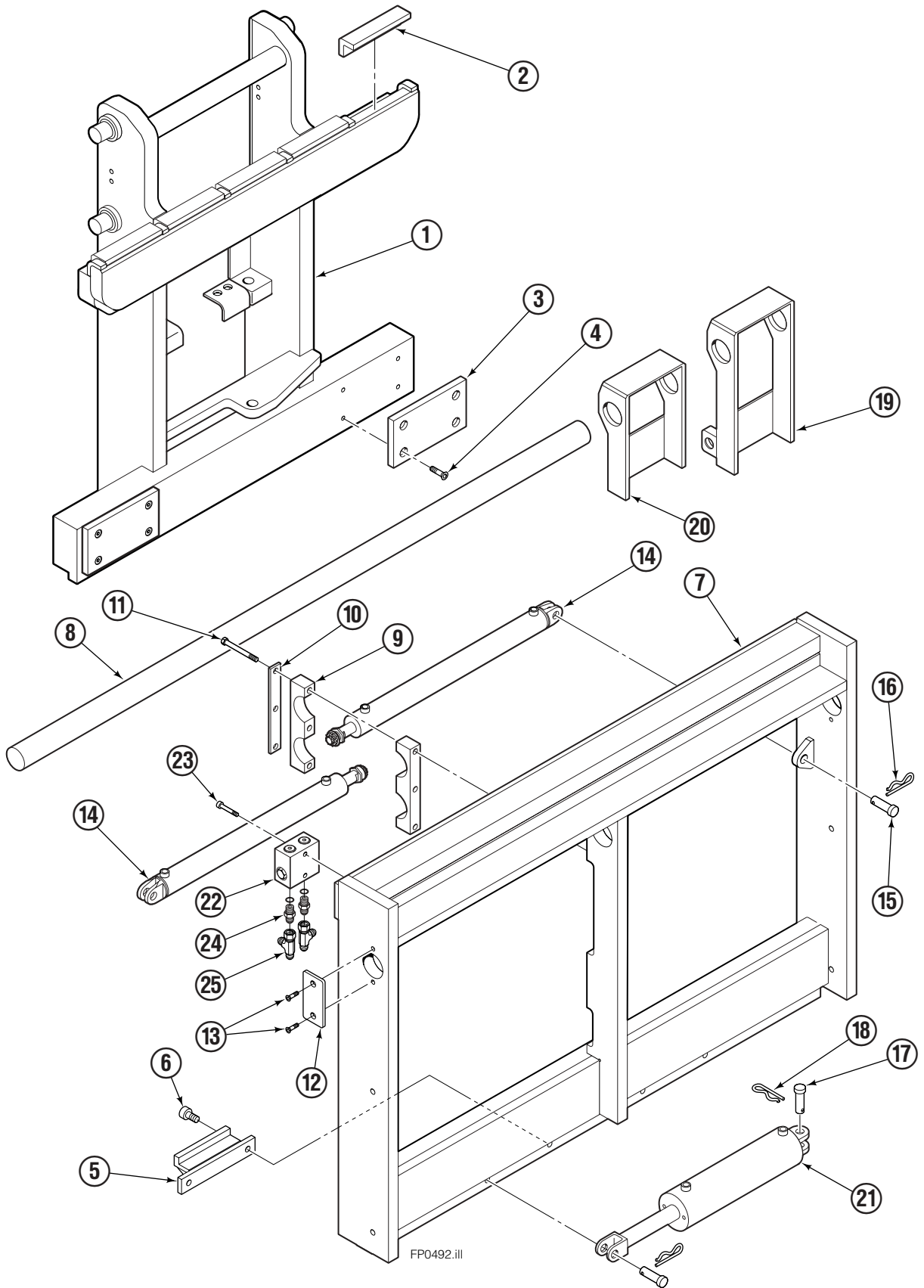
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Write: Cascade Corporation, P.O. Box 20187, Portland, OR 97220

Internet: www.cascorp.com

Carriage Assembly



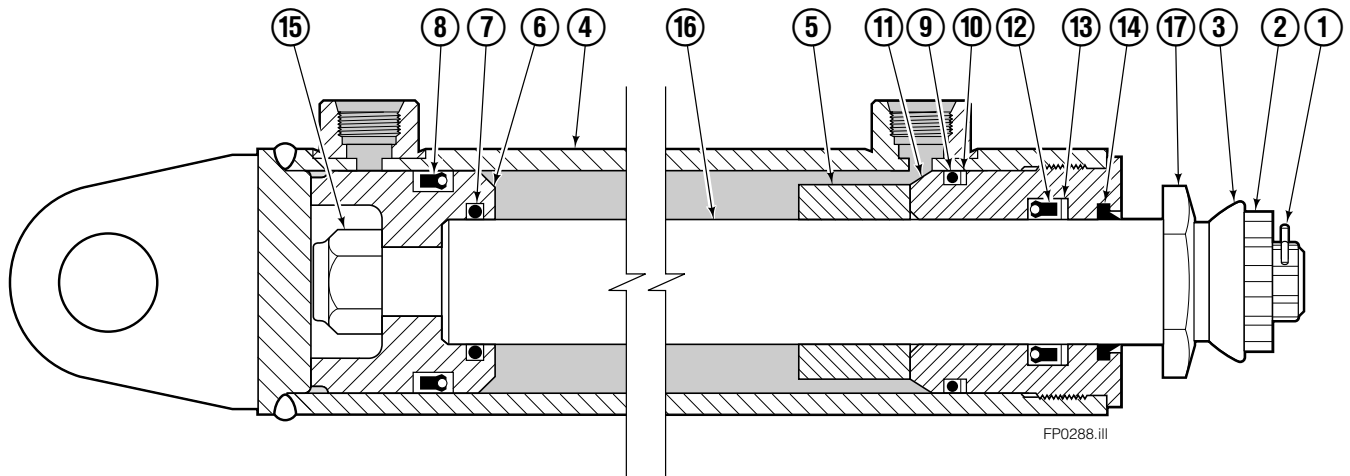
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Carriage Assembly

150J			
REF	QTY	PART NO.	DESCRIPTION
		6102824	Carriage Assembly
1	1	6101818	Carriage
2	7	3012106	Upper Bearing
3	2	3013187	Lower Bearing
4	8	766646	Capscrew, M10 x 20
5	2	6012723	▲ Lower Retainer
6	4	769575	▲ Capscrew, M16 x 40
7	1	6100629	Frame
8	2	6100899	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	6100915	Cylinder ◆
15	2	678528	Clevis Pin
16	2	672726	Cotter Pin
17	2	686215	Clevis Pin
18	2	686217	Cotter Pin
19	1	6011934	Fork Carrier – LH
20	1	6011900	Fork Carrier – RH
21	1	6003547	Cylinder ◆
22	1	6104570	● Cross-Over Relief Valve
23	2	768798	● Capscrew, M8 x 45
24	2	626505	● Fitting, 6-6
25	2	611329	● Fitting, 6-6
26	1	6101269	Hydraulic Group ■
27	1	6101653	Component Group ■
28	1	6101825	Side Roller Kit ■

- ◆ See Cylinder page for parts breakdown.
- ▲ Included in Frame Retainer Assembly 6012727.
- Included in Valve Group 6104569.
- See specific page for parts breakdown.

Cylinder

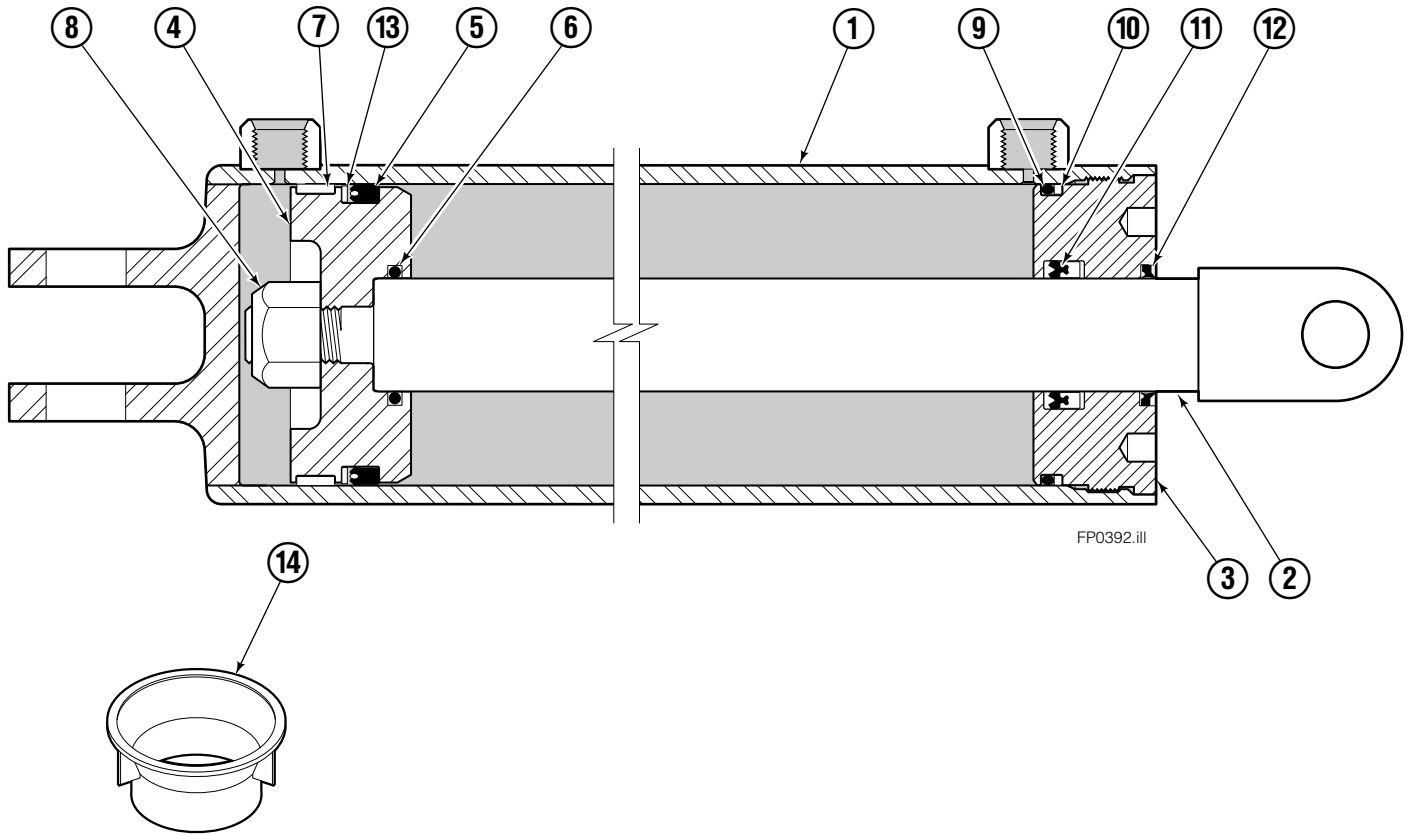


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REF	QTY	PART NO.	DESCRIPTION
		6100915	Cylinder Assembly
1	2	6510	Cotter Pin
2	2	667624	Nut Retainer
3	2	667625	Nut
4	1	6100916	Shell
5	1	6011552	Spacer
6	1	558200	Piston
7	1	2716	▲ O-Ring
8	1	662452	▲ Seal
9	1	2785	▲ O-Ring
10	1	615128	▲ Back-Up Ring
11	1	563906	Retainer
12	1	662448	▲ Seal
13	1	638243	▲ Nylon Ring
14	1	636853	▲ Wiper
15	1	667623	Nut
16	1	6100917	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.

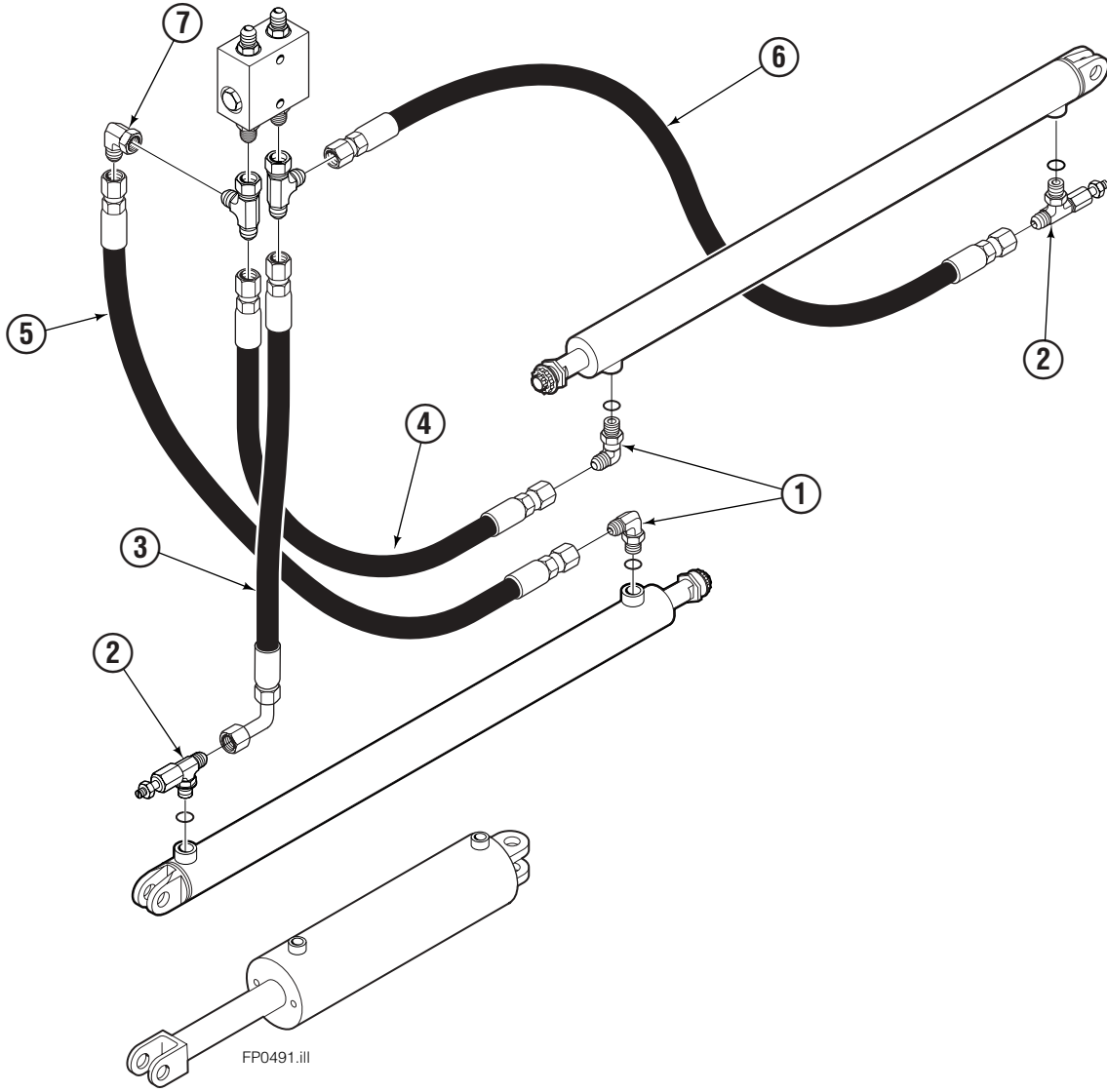
Sideshift Cylinder



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.

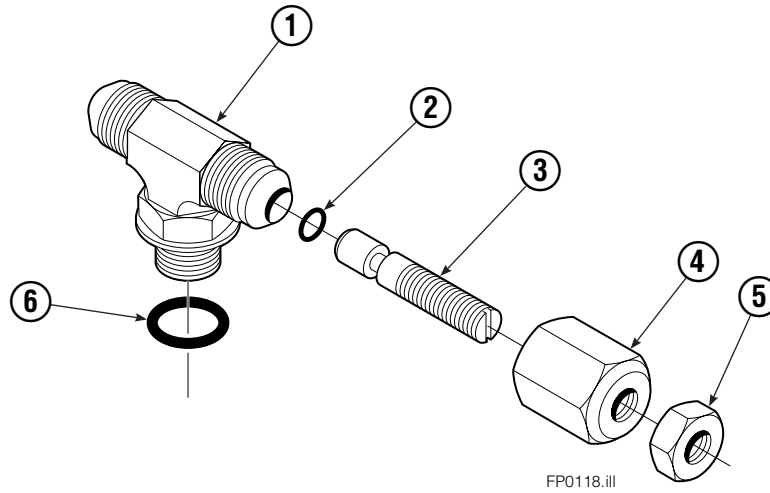
Hydraulic Group



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REF	QTY	PART NO.	DESCRIPTION
		6101269	Hydraulic Group
1	2	601676	Fitting, 6-6
2	2	617487	Restrictor Fitting ♦
3	1	6101233	Hose, 13.25 in.
4	1	380315	Hose, 31.0 in.
5	1	209524	Hose, 39.6 in.
6	1	—	Hose
7	2	2680	Fitting, 6-6

♦ See Restrictor Fitting page for parts breakdown.

Restrictor Fitting



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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

HYSTER L358215

P/N	QTY	DESCRIPTION
66333	2	HCE-563 PIN 3/16 x 1 3/4
244005	2	ROLLER
16001	2	HCE-819 FTG-LUBE THREADED
244008	2	BRACKET-ROLLER
192425	6	SHIM 1.57 R=66335
192424	8	SHIM 0.76 R=66335
244009	2	PIN
292528	4	HCE-1000 CPSCR M12x1.75x35
292683	4	HCE-1033 WASHER 12

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SIDE ROLLER KIT

HYSTER I 313805/I 313806

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