



Parts Manual

Model Integral Fork Positioner

Catalog Number 120J-IFB-G100 R1

cascade®
corporation

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

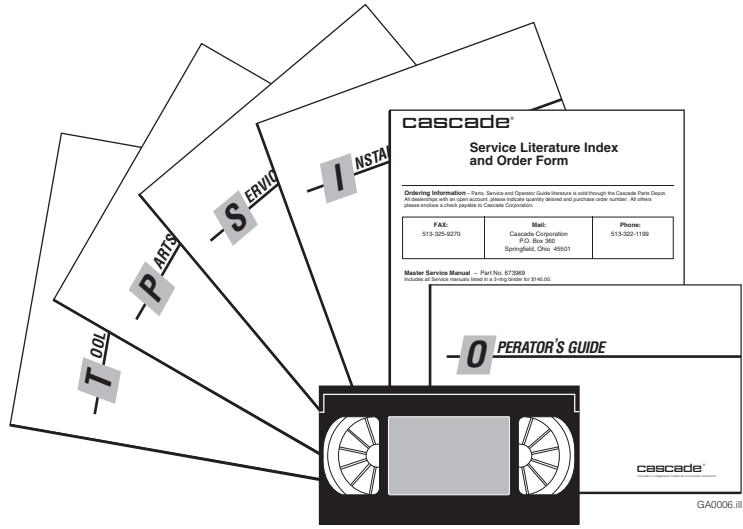
To Order Parts call: 888-227-2233, Fax: 888-329-0234

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

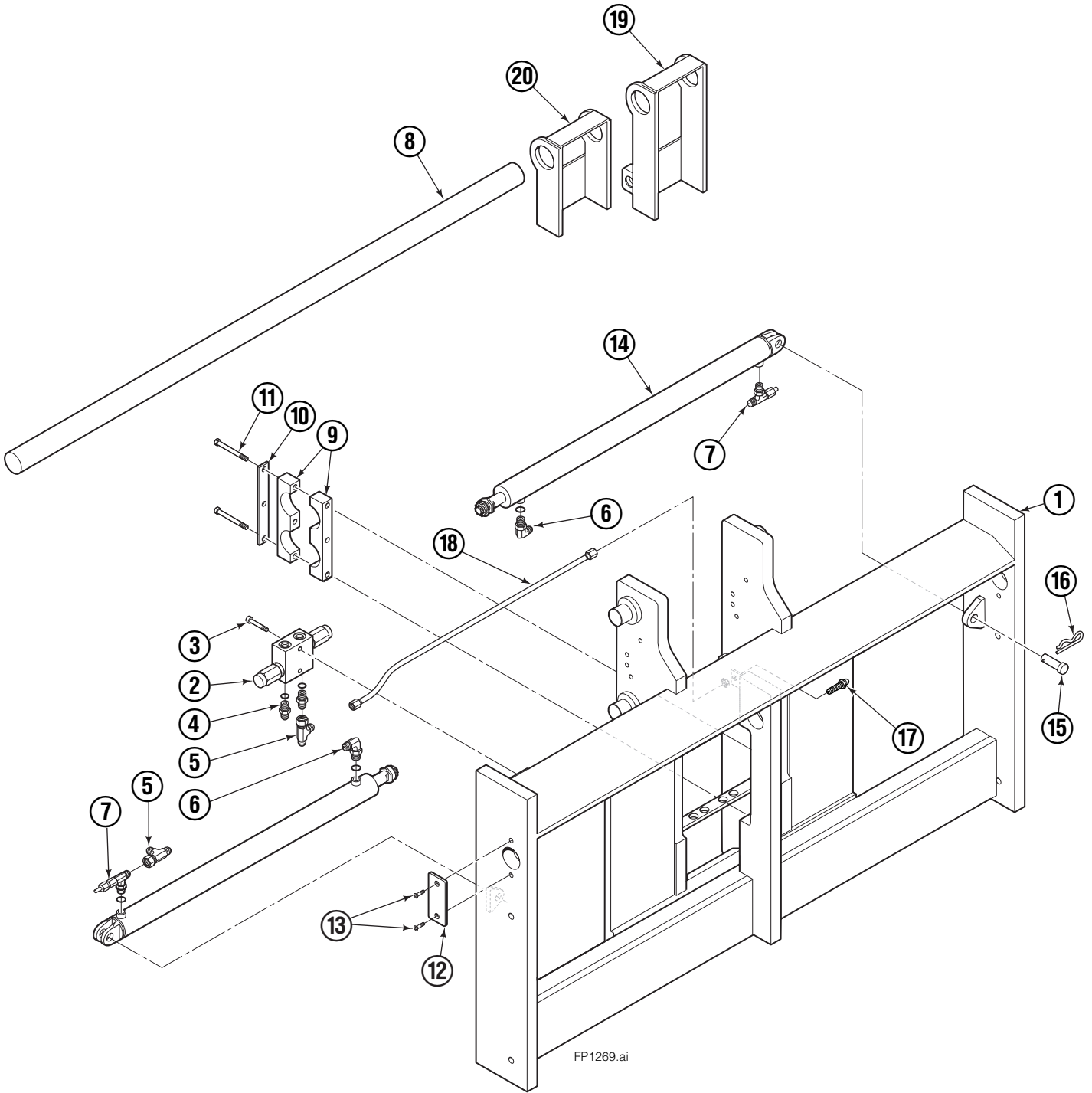
Internet: www.cascorp.com

Publications



J-Series	
PART NO.	DESCRIPTION
6052504	Service Manual
6082563	User Manual
680664	Servicing Cascade Cylinders-VHS
679929	Tool Catalog
673964	Literature Index Order Form

Integral Assembly

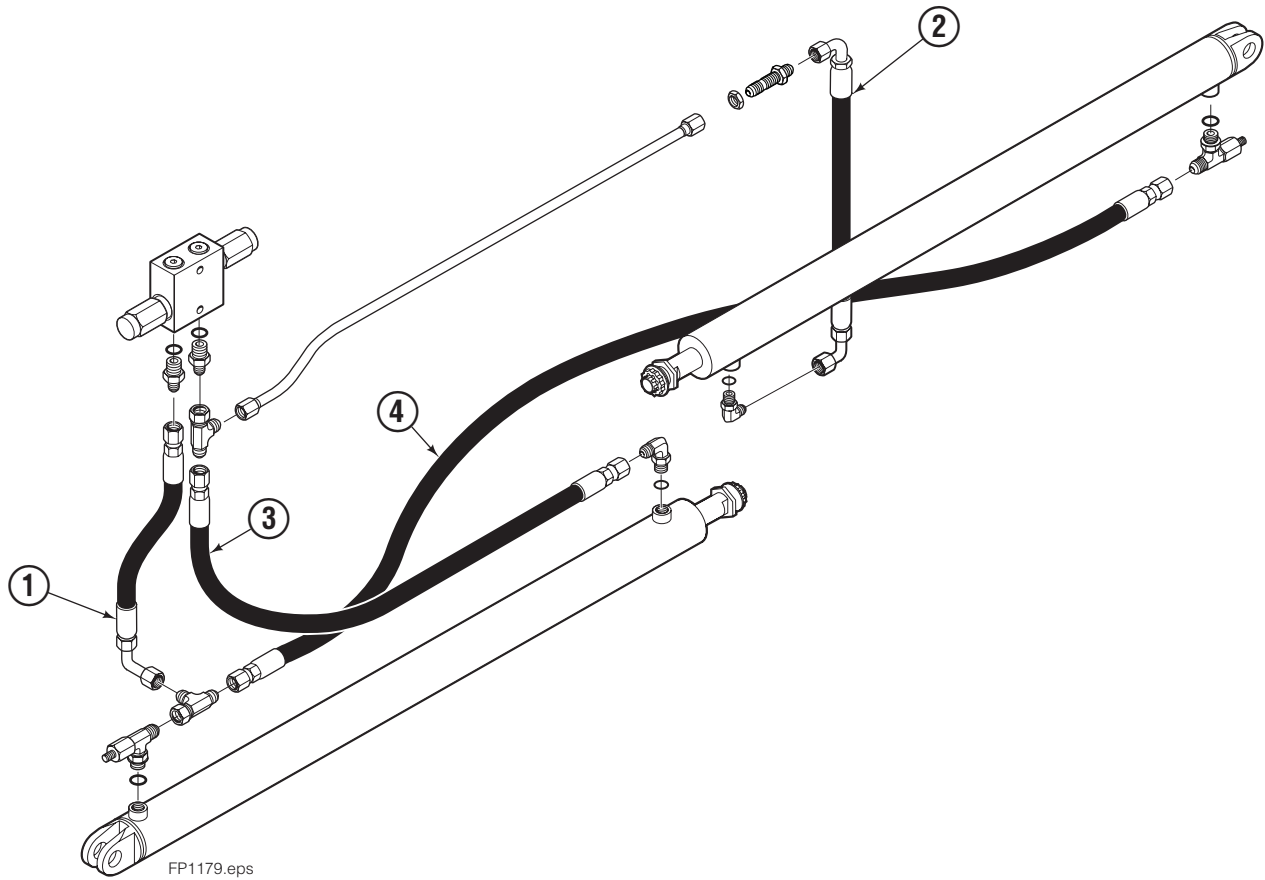


Integral Assembly

120J			
REF	QTY	PART NO.	DESCRIPTION
		6102848	Integral Carriage Assembly
1	1	6102757	Carriage
2	1	6104570	❖ Cross-Over Relief Valve
3	2	768798	❖ Capscrew, M8 x 45
4	2	626505	❖ Fitting, 6-6
5	2	611329	Fitting, 6-6
6	2	601676	Fitting, 6-6
7	2	617487	Restrictor Fitting ■
8	1	6102492	Shaft
9	2	3014343	● Cylinder Support Clamp
10	1	3014344	● Cylinder Support Plate
11	3	684800	● Capscrew, M12 x 100
12	1	3012749	★ Retainer
13	2	768706	★ Capscrew, M12 x 35
14	2	6102498	Cylinder ◆
15	2	678528	Clevis Pin
16	2	672726	Cotter Pin
17	1	2375	Fitting, 6-6
18	1	6128987	Tube
19	1	6102497	Fork Carrier – LH
20	1	6102494	Fork Carrier – RH
	2	6135020	Pin Retainer Kit ▲

- ❖ Included in Crossover Relief Assembly 6119748.
- See Restrictor Fitting page for parts breakdown.
- Included in Cylinder Support Assembly 6113156.
- ★ Included in Pin Retainer Group 6135020.
- ◆ See Cylinder page for parts breakdown.
- ▲ Not included in Integral Assembly.

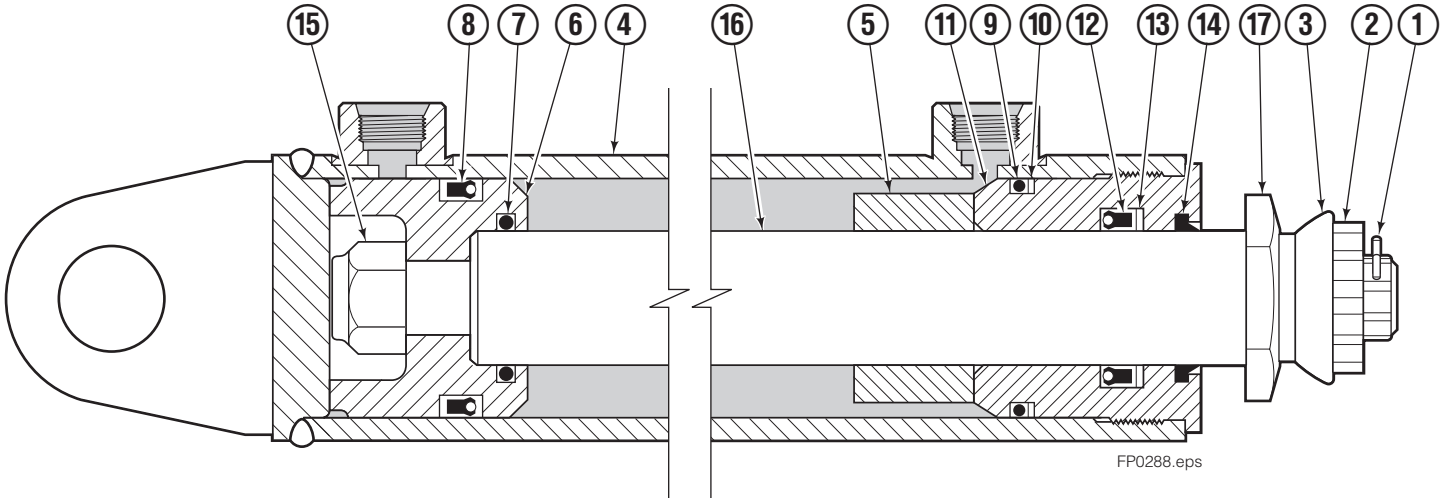
Integral Hose Assembly



120J			
REF	QTY	PART NO.	DESCRIPTION
1	1	6101233	Hose, 13.25 in.
2	1	6128993	Hose, 13.00 in.
3	1	202115	Hose, 30.00 in.
4	1	680221	Hose, 51.75 in.

Reference: 6102848 Integral Assembly.

Cylinder Assembly

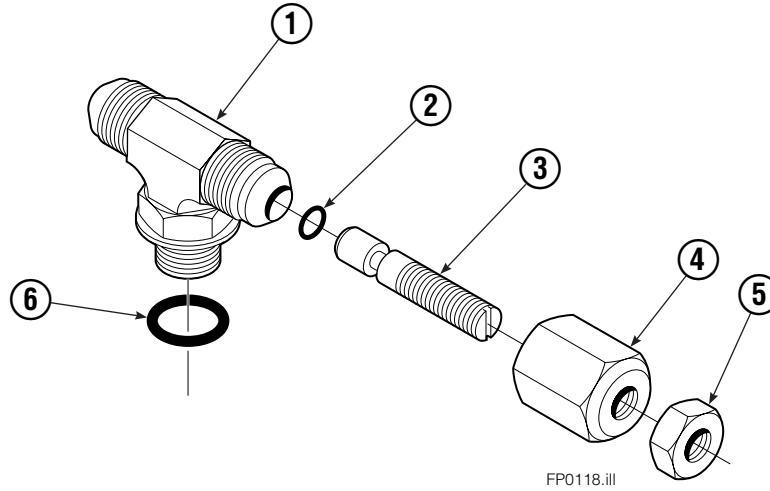


150J			
REF	QTY	PART NO.	DESCRIPTION
		6102498	Cylinder Assembly
1	1	6510	Cotter Pin
2	1	667624	Nut Retainer
3	1	667625	Nut
4	1	6102500	Shell
5	1	6011552	Spacer
6	1	558200	Piston
7	1	2716	◆ O-Ring
8	1	662452	◆ Seal
9	1	2785	◆ O-Ring
10	1	615128	◆ Back-Up Ring
11	1	563906	Retainer
12	1	662448	◆ Seal
13	1	638243	◆ Nylon Ring
14	1	636853	◆ Wiper
15	1	667623	Nut
16	1	6102499	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.

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

ITEM #	QTY	PART NUMBER	DESCRIPTION
1	6	6121827	LOAD ROLLER
2	24	6121828	SHIM
3	6	6121829	EXTERNAL SNAP RING
4	2	6121831	SPACER

LOCATE SPACER, P/N 6121831, BETWEEN SNAP RING, P/N 6121829, AND LOAD ROLLER, P/N 6121827. TOP 2 ROLLERS ONLY

NACCO LOAD ROLLER GROUP

NACCO F1465866

H90-120XM/GP100-120M

6102173 R-1

ITEM #	QTY	PART NUMBER	DESCRIPTION
1	2	6121836	CHAIN ANCHOR
2	2	6121837	ANCHOR PIN
3	2	6121838	PIN
4	2	6117314	PIN HCE-561
5	2	6121839	EXTERNAL SNAP RING

NACCO CHAIN ANCHOR GROUP	
NACCO F1465673	
H90-120XM/GP100-120M	
6102175	R-1

ITEM #	QTY	PART NUMBER	DESCRIPTION
1	2	6121863	PIN
2	2	6121872	ROLLER
3	2	6121873	ROLLER BRACKET
4	12	6121868	SHIM
5	12	6121869	SHIM
6	2	6121874	PIN
7	4	2C-768554	HEX HEAD CAPSCREW
8	4	1C-683822	LOCKWASHER M12
9	2	C-7400	FITTING .125 GREASE

SIDE ROLLER GROUP

NACCO L1465881

H90-120XM/GP100-120M

6102191 R-1

ITEM #	QTY	PART NUMBER	DESCRIPTION
1	1	6121877	RH GUARD
2	1	6121878	LH GUARD
3	4	6121876	SPACER
4	4	C - 3585	CAPSCREW HEX HEAD
5	4	1C - 6287	LOCKWASHER

ROLLER GUARD GROUP	
NACCO F317296	
H90 - 120XM/GP100 - 120M	
6102178	R - 1

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