



Parts Manual

Model _____ Fork Positioner _____

Serial Number _____ 150C-HB-033 _____

cascade®

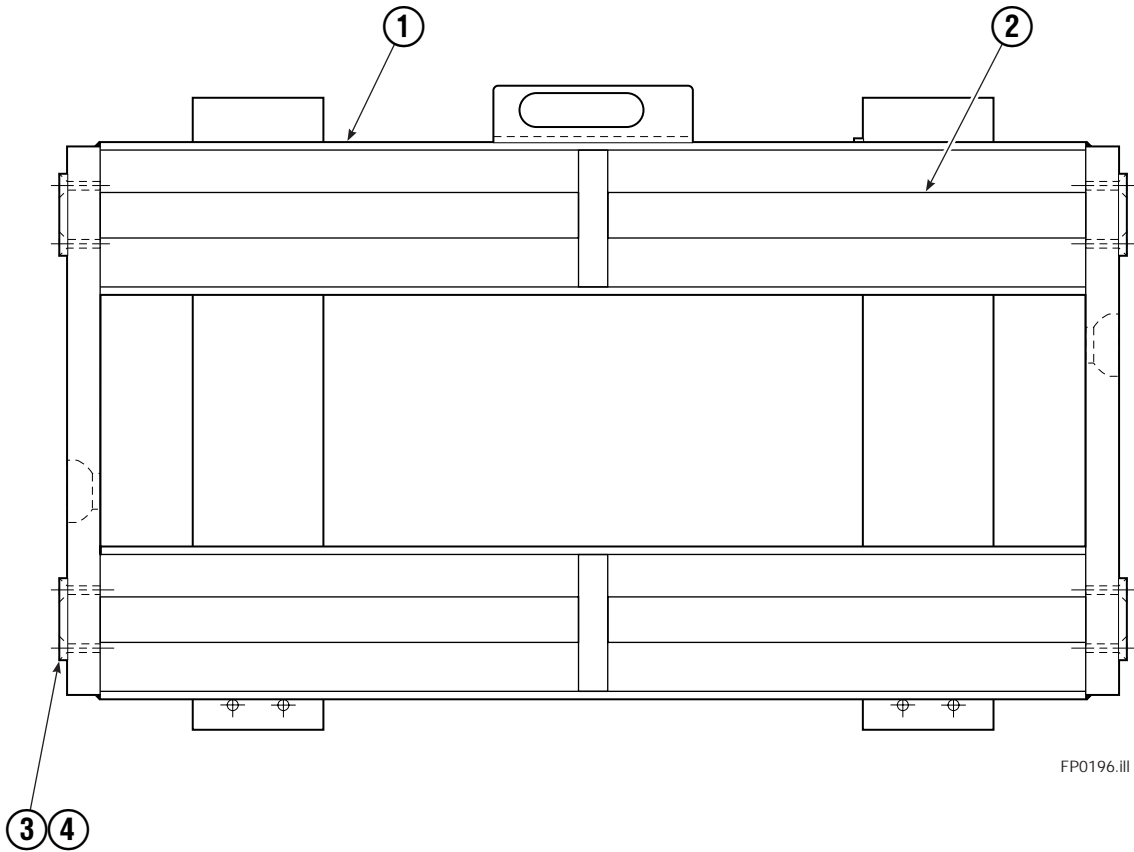
For Technical Assistance call: 800-227-2233, Fax: 888-329-8207

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

OR

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

Frame Group



FP0196.ill

REF	QTY	PART NO.	DESCRIPTION
		214433	Frame Group, 60 in. (Items 1 & 2)
		214444	Retainer Group (Items 3 & 4)
1	1	840225	Frame
2	2	830826	Shaft
3	4	830774	End Cover Plate
4	8	4771	Capscrew

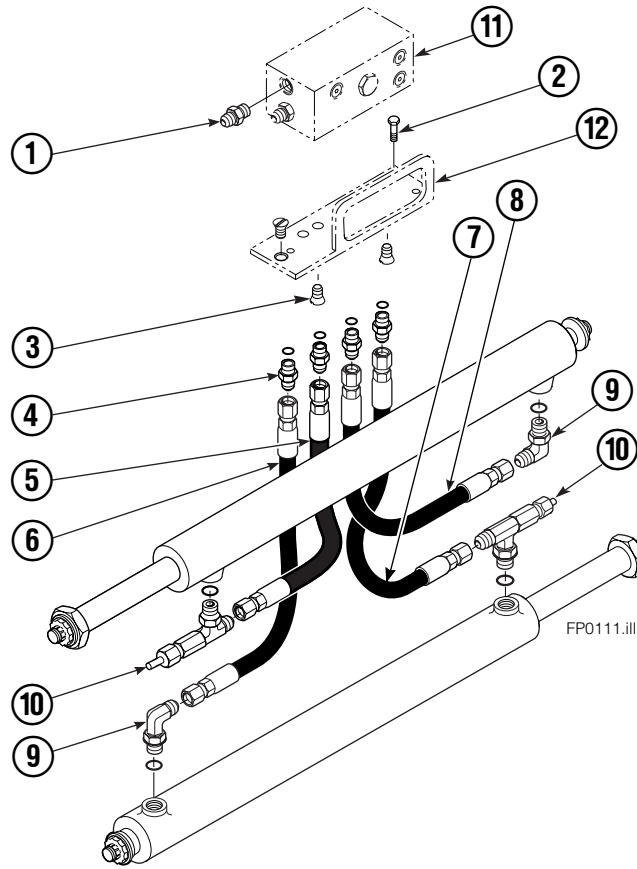
Reference: S-8600

Valve Group 381520

Hose Group 384630

Cylinder 383027

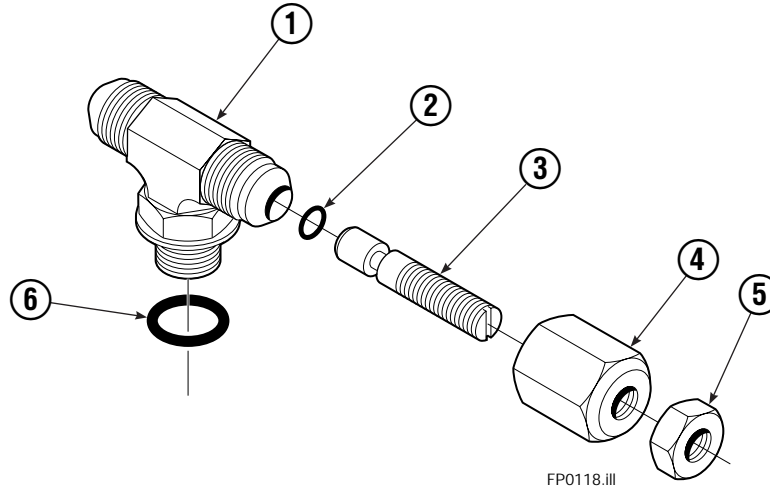
Hydraulic Valve Group



REF	QTY	PART NO.	DESCRIPTION
		381520	Hydraulic Valve Group
1	1	601377	Fitting, 8-8
2	1	643524	Capscrew
3	3	4750	Capscrew, .375x.750
4	4	611288	Fitting, 6-8
5	1	685673	Hose
6	1	209535	Hose
7	1	209535	Hose
8	1	685673	Hose
9	2	601676	Fitting, 6-6
10	2	617487	Restrictor Tee
11	1	668861	Valve Assembly
12	1	844137	Bracket

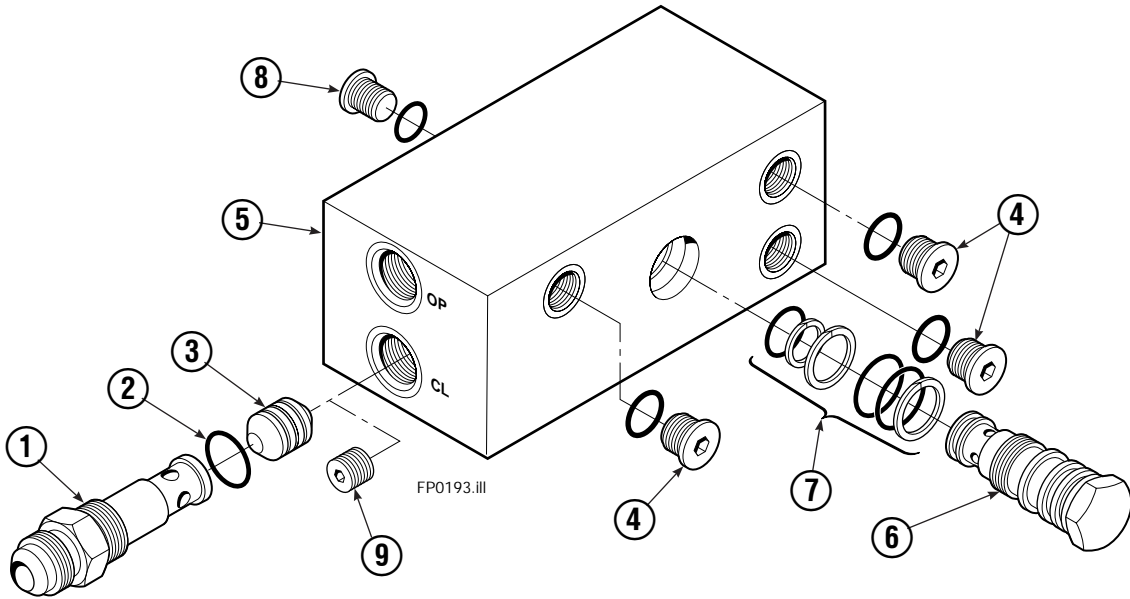
Reference: Hose Group: 384630, S-8704

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

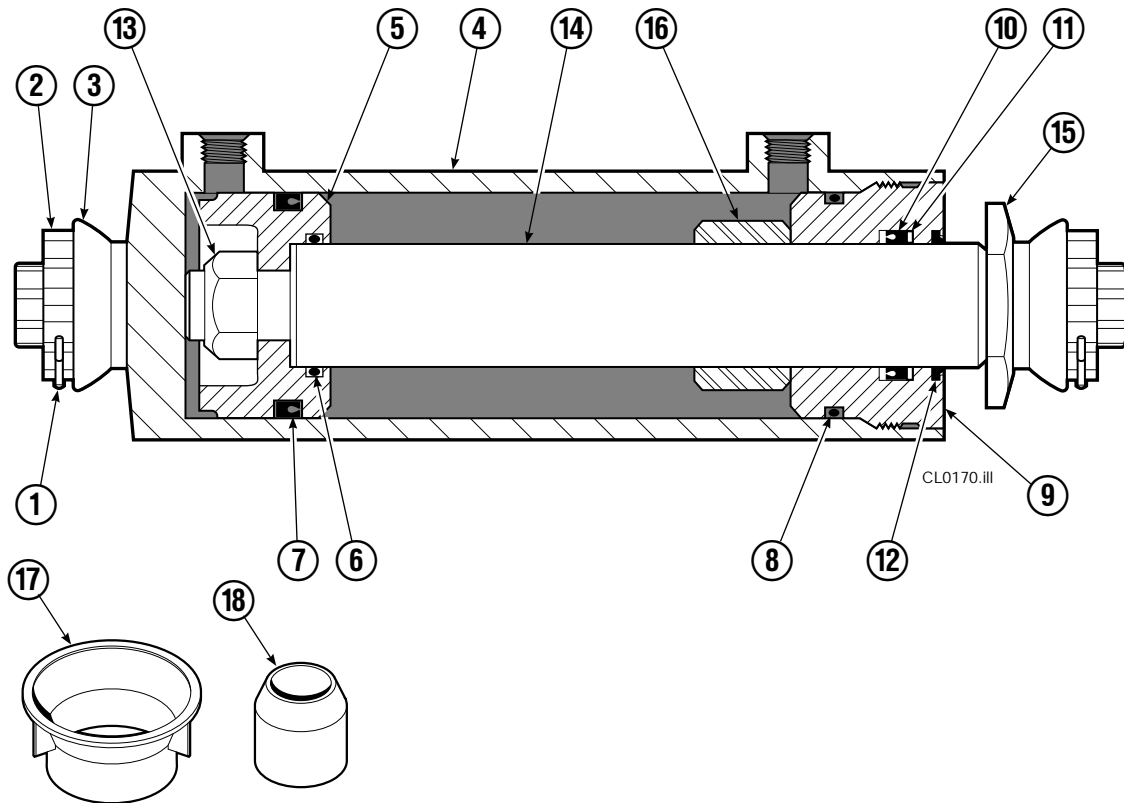
Valve Assembly



REF	QTY	PART NO.	DESCRIPTION
		668861	Check Valve
1	1	667490	Special Fitting
● 2	2	2841	O-Ring
3	1	667471	Spool
4	3	609455	Fitting
5	1	668862	Valve Body
6	1	678270	Check Valve - V.P.O.
● 7	1	661347	Service Kit
8	1	604510	Fitting, 6
■ 9	1	676343	Regeneration Elimination Plug
		668864	Service Kit

- Included in Service Kit 668864.
- For eliminating regeneration circuit only.
(See Technical Bulletin Number 121)

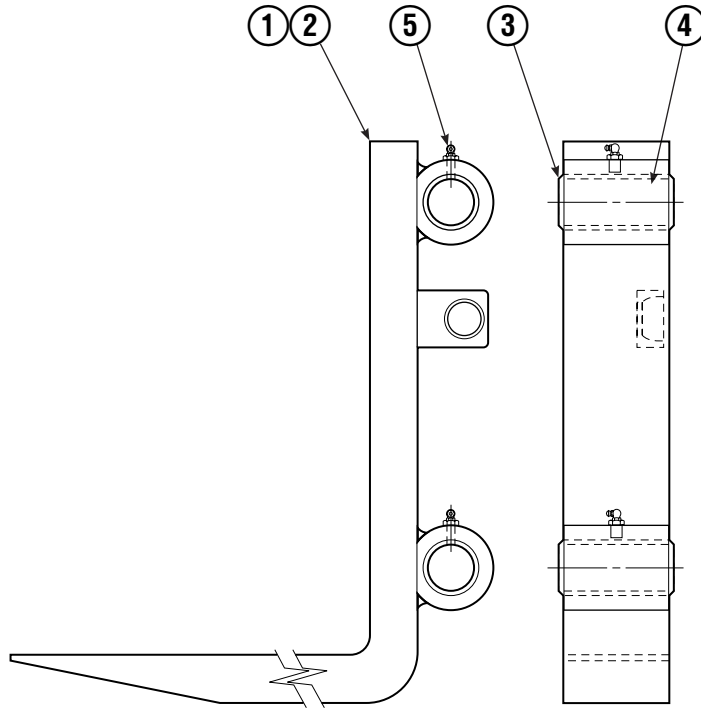
Cylinder



150C			
REF	QTY	PART NO.	DESCRIPTION
		383027	Cylinder Assembly
1	2	■ 6511	Cotter Pin
2	2	■ 667667	Retainer
3	2	■ 667668	Nut
4	1	584457	Shell
5	1	558402	Piston
6	1	✕ 2722	O-Ring
7	1	✕ 557376	Seal
8	1	✕ 2791	O-Ring
9	1	✕ 615134	Back-Up Ring
10	1	667675	Retainer
11	1	✕ 662451	Seal
12	1	✕ 638246	Nylon Ring
13	1	✕ 628047	Wiper
14	1	561012	Nut
15	1	584458	Rod
16	1	667676	Washer
17	1	829237	Spacer
18	1	✕ 671049	Seal Loader, Piston
19	1	✕ 671052	Seal Loader, Retainer
		667723	Service Kit

✕ Included in Service Kit.
 ■ Included in Nut Service Kit 668925.
 Ref: S-5564, S-5565

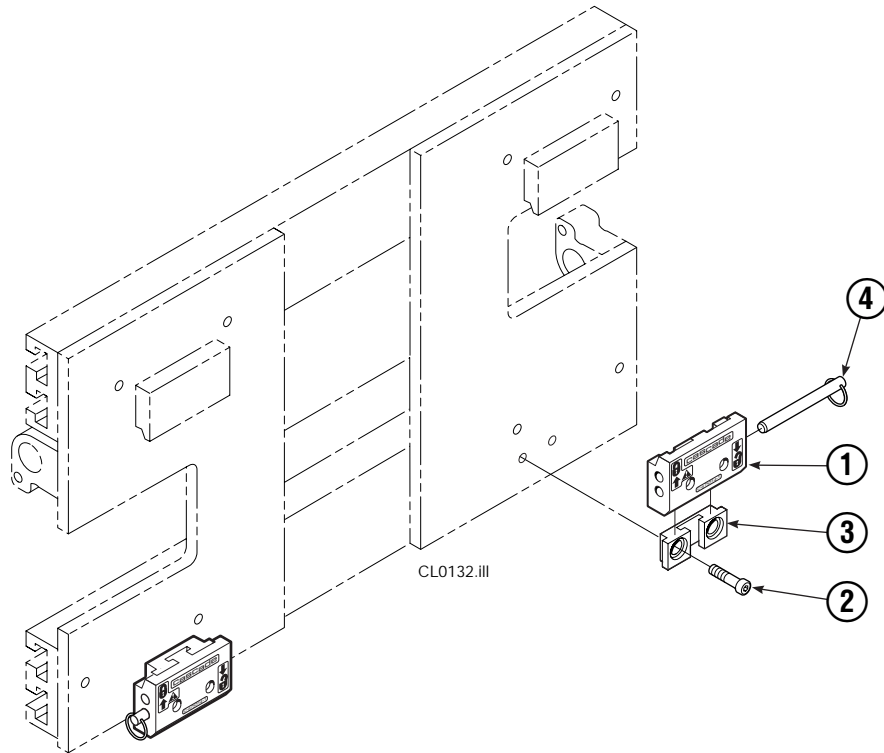
Fork Group



FP0191.III

REF	QTY	PART NO.	DESCRIPTION
		214441	Fork Group
1	1	840243	Fork, L.H., 72 in.
2	1	840238	Fork, R.H., 72 in.
3	8	7223	Retaining Ring
4	4	828468	Bushing
5	4	828471	Lube Fitting

Quick-Change Mounting Group



Class IV			
REF	QTY	PART NO.	DESCRIPTION
		3002021	Lower Hook Group
1	2	679829	Hook
2	4	3002481	Cap screw, M20 x 40
3	2	679830	Guide
4	2	679831	Pin

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

Cascade Corporation
2501 Sheridan Avenue
Springfield, OH 45505
Tel: 888-CASCADE (227-2233)
FAX: 888-329-0234

Cascade Canada Inc.
5570 Timberlea Blvd.
Mississauga, Ontario
Canada L4W-4M6
Tel: 905-629-7777
FAX: 905-629-7785

Cascade GmbH
D-41199 Monchengladbach
Klosterhofweg 52
Germany
Tel: 21-66-602091
FAX: 21-66-680947

Cascade Finland
01370 Vantas
Finland
Tel: 358-0-836-1925
FAX: 358-0-836-1935

**Cascade N.V.
European Headquarters**
P.O. Box 3009
1300 El Almere
Damsluisweg 56
1332 ED Almere
The Netherlands
Tel: 31-36-5492911
FAX: 31-36-5492964

**Cascade N.V.
Benelux Sales and Service**
P.O. Box 3009
1300 El Almere
Damsluisweg 56
1332 ED Almere
The Netherlands
Tel: 31-36-5492950
FAX: 31-36-5492974

Cascade (UK) Ltd.
15, Orgreave Crescent
Dore House Industrial Estate
Handsworth
Sheffield S13 9NQ
England
Tel: 742-697524
FAX: 742-695121

**Cascade Scandinavia
Hydraulik A.B.**
Muskötgatan 19, E8-9
S25466 Helsingborg
Sweden
Tel: 42-151135
FAX: 42-152997

Cascade Norway
Østerliveien 37A
1153 Oslo
Norway
Tel: 47-22-743160
FAX: 47-22-743157

Cascade France S.A.R.L.
11, Rue Jean Charcot
Zone Industrielle Sud or
B.P. 22
91421 Morangis Cedex
France
Tel: 1- 64547501
FAX: 1-9790584

Cascade Hispania S.A.
Avenida De La Fabregada, 7
Hospitalet De Llobregat
Barcelona
Spain
Tel: 3-335-5158
FAX: 3-335-4756

Cascade Japan Ltd.
5-5-41,
Torikai Kami
Settsu, Osaka
Japan, 566
Tel: 81-726-53-3490
FAX: 81-726-53-3497

Cascade Korea
Room 508, Pum Yang Bldg.
750-14, Bang Bac-Dong
Se-Cho Ku, Seoul
Korea
Tel: 2599-7131 ext. 512
FAX: 2533-8089

HYCO-Cascade Pty. Ltd.
87 Antimony Street
Carole Park,
Brisbane 4300
Australia
Tel: 7-271-1966
FAX: 7-271-3830

HYCO-Cascade (NZ) Ltd.
15 Ra Ora Drive, East Tamaki
P.O. Box 38-440
Howick, Auckland
New Zealand
Tel: 9-273-9136
FAX: 9-273-9137

Cascade (Africa) Pty. Ltd.
P.O. Box 625, Isando 1600
60A Steel Road
Sparton, Kempton Park
South Africa
Tel: 975-9240
FAX: 394-1147

Cascade-Xiamen
Wanshan No. 1 Workshop
Huli Road
Xiamen 361006
Fujian, PRC
Tel: 592-562-4600
FAX: 592-562-4671

**Cascade (Singapore)
Trading Co.**
Four Seasons Park
Autumn Block - Apt. 1802
12 Cascaden Walk
Singapore
Tel: 65-834-1935
FAX: 65-834-1936

