



Parts Manual

Model _____ **Fork Positioner**

Serial Number _____ **100F-FPS-310**

cascade[®]

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

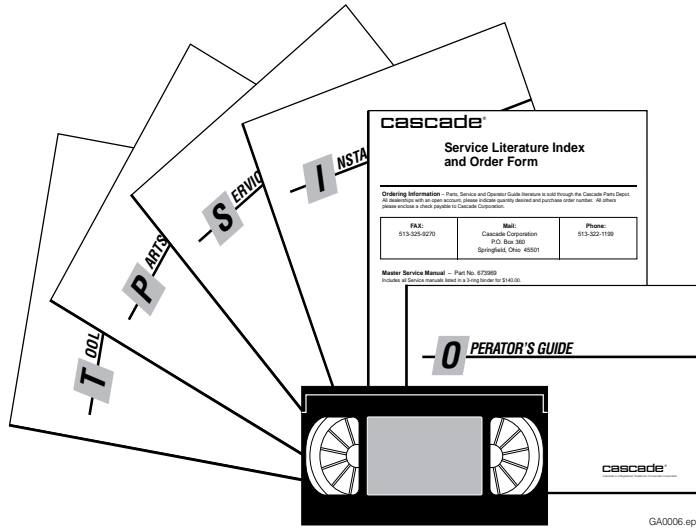
To Order Parts call: 888-227-2233, Fax: 888-329-0234

OR

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

Internet: www.cascorp.com

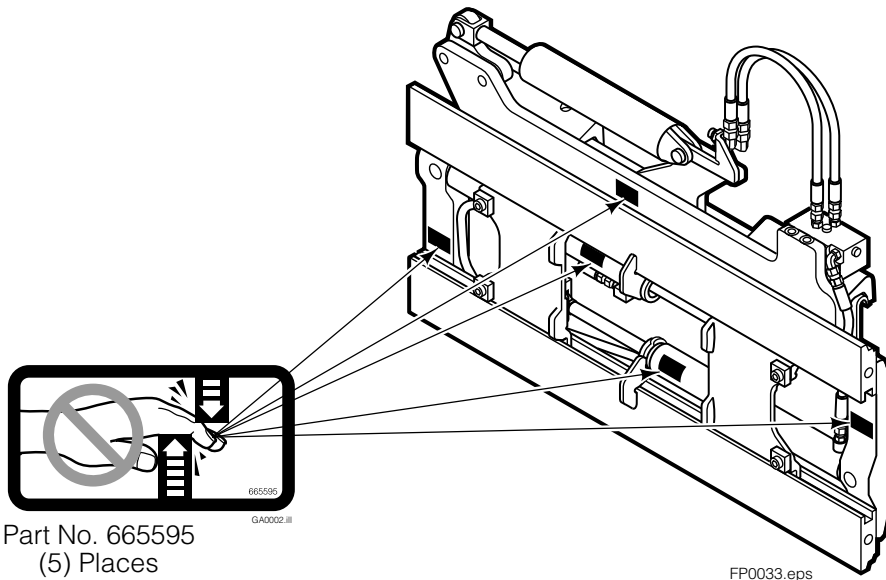
Publications



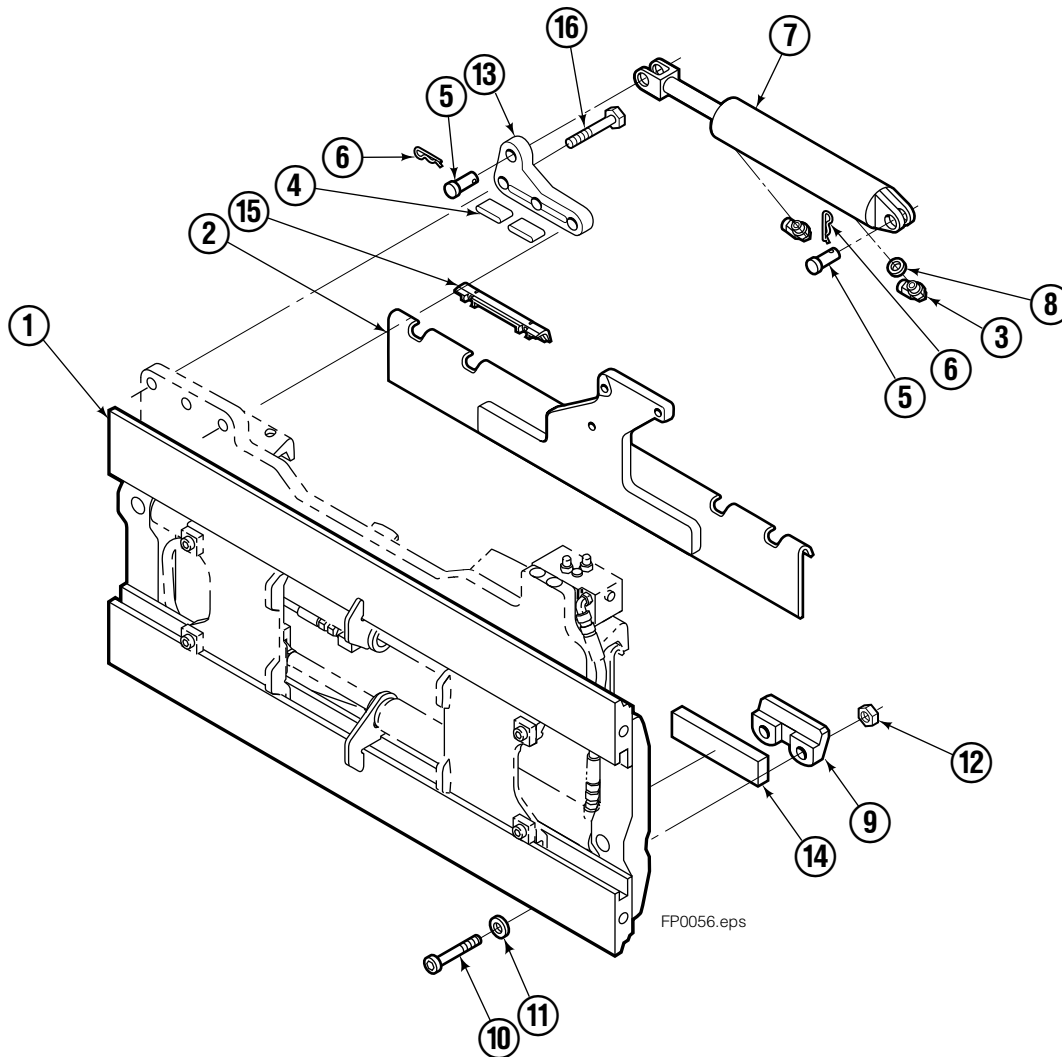
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100F	
PART NO.	DESCRIPTION
	Parts Manual
208743	Service Manual
688261	Operators Guide
207363	Installation Instructions
680664	Servicing Cascade Cylinders-VHS
679929	Tool Catalog
673964	Literature Index Order Form

Safety Decals



Mounting Group Sideshifting

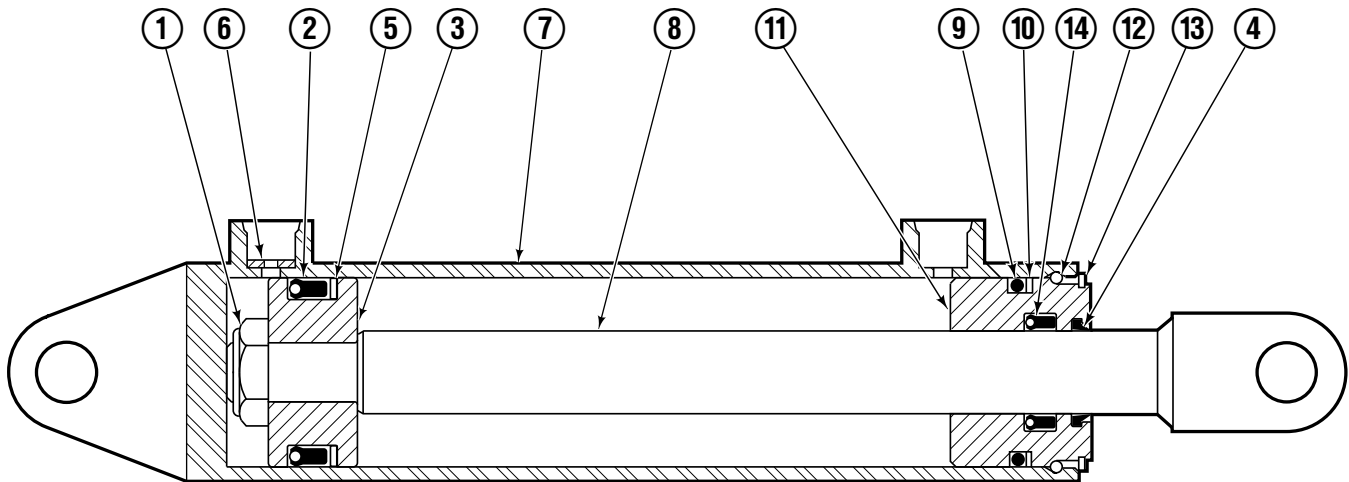


Reference:
BC-106
SK-6042
2S-4096

100F							
REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
		209450●	Sideshifting Mounting-41" ■	9	2	204186	Lower Hook
1	1	209384	Frame-41" ■	10	4	766154	Capscrew, M16x2,0x40-8.8
2	1	209393	Anchor Bracket-41" ■	11	4	667225	Washer
3	2	601676	Fitting, 6-6	12	4	678990	Nut
4	2	209542	Key, M10x8x63	13	1	209309	Lug
5	2	678528	Clevis Pin	14	2	208350	Lower Bearing
6	2	672726	Hairpin Cotter	15	2	672018	Upper Bearing
◆7	1	676649	Cylinder Assembly	16	3	752907	Capscrew, M20x50 Lg-8.8
8	1	675550	Washer (orifice .085)				

- Carriage width.
- Includes items 2 through 16.
- ◆ See Cylinder page for parts breakdown.

Sideshift Cylinder

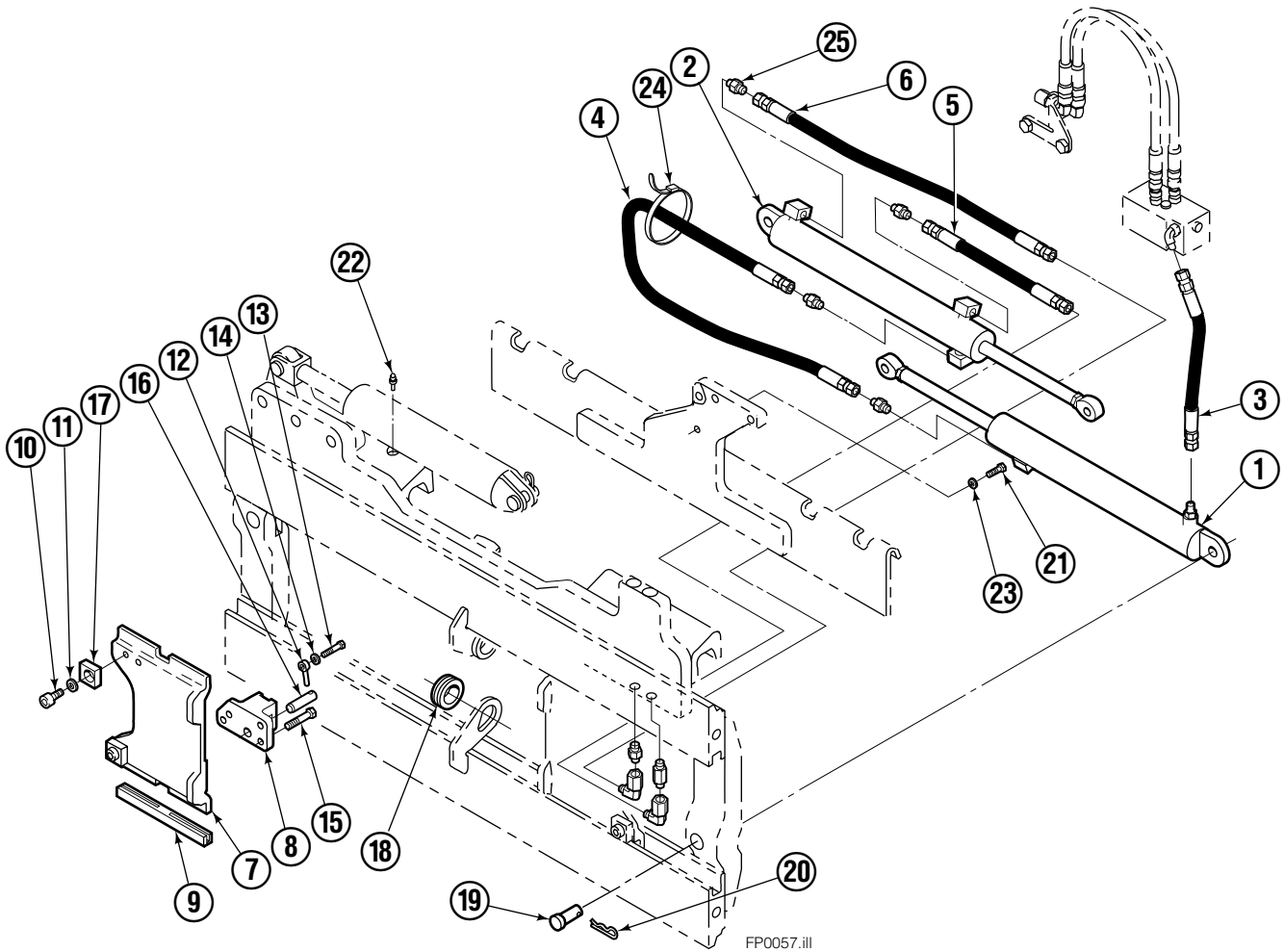


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100F			
REF	QTY	PART NO.	DESCRIPTION
		676649	Cylinder Assembly
1	1	553717	Nut
■ 2	1	662456	Seal
3	1	553527	Piston
■ 4	1	636852	Wiper
■ 5	1	649817	Back-up Ring
6	1	675550	Washer (orifice .085)
7	1	676776	Shell
8	1	553530	Rod
■ 9	1	2789	O-Ring
■ 10	1	615132	Back-up Ring
11	1	553528	Retainer
12	1	553688	Retaining Ring
13	1	7211	Snap Ring
■ 14	1	662447	Seal
		553866	Service Kit

■ Included in Service Kit 553866.

Hydraulic/Fork Group



Reference:
BC-106
SK-6042

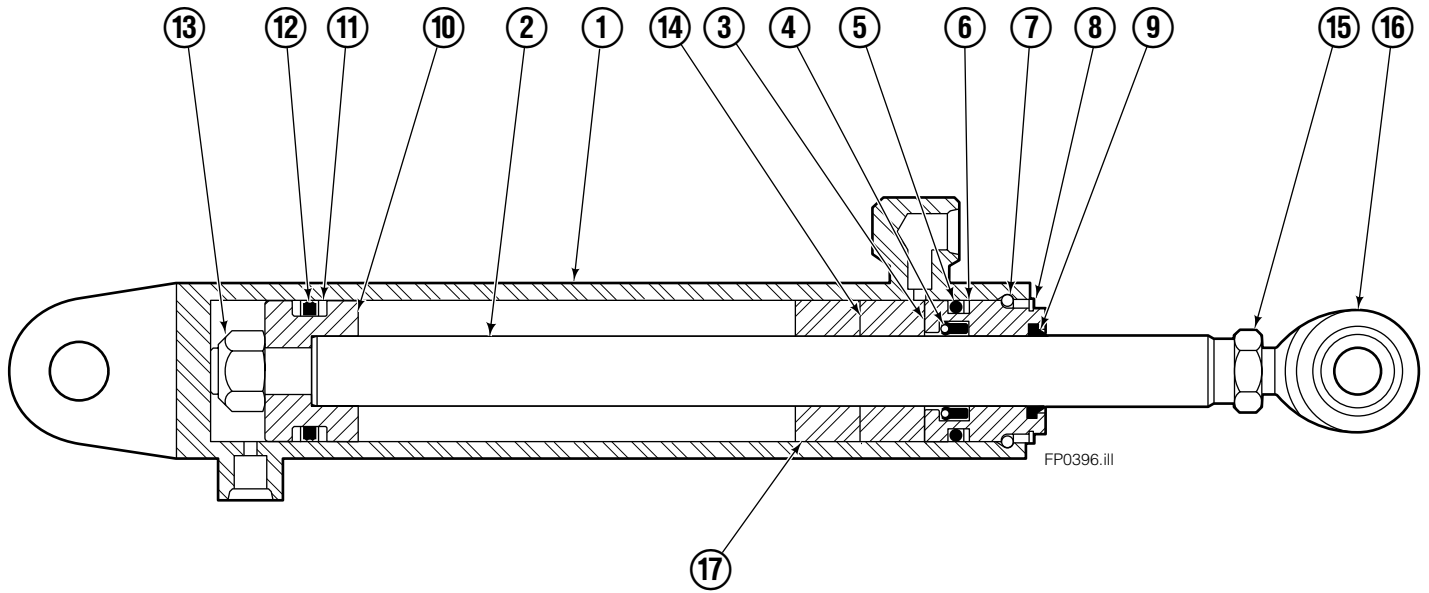
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REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
		●6100129	Hydraulic Group	13	2	763169	Capscrew
		□209502	Fork Group	14	2	680217	Lockwasher
◆1	1	6100116	Cylinder Assembly L. H.	15	8	681370	Capscrew
▼2	1	6100117	Cylinder Assembly R. H.	16	2	209308	Pin
3	1	209514	Hose, 14.50 in.	17	4	209306	Block
4	1	209521	Hose, 37.32 in.	18	2	209305	Grommet
5	1	209528	Hose, 15.67 in.	19	2	661675	Clevis Pin
6	1	299529	Hose, 27.80 in.	20	2	672726	Hairpin Cotter
7	2	209391	Fork Carrier	21	1	763022	Capscrew
8	2	209280	Lug	22	2	7403	Grease Fitting
9	4	209303	Bearing	23	1	681238	Lockwasher
10	4	768838	Capscrew	24	1	200008	Cable Tie
11	4	678992	Lockwasher	25	5	604511	Fitting, 6-6
12	2	206923	Eyebolt				

◆ See L.H. Cylinder page for parts breakdown.
▼ See R.H. Cylinder page for parts breakdown.

● Includes items 1 through 6.
□ Includes items 7 through 25.

Left Hand Cylinder

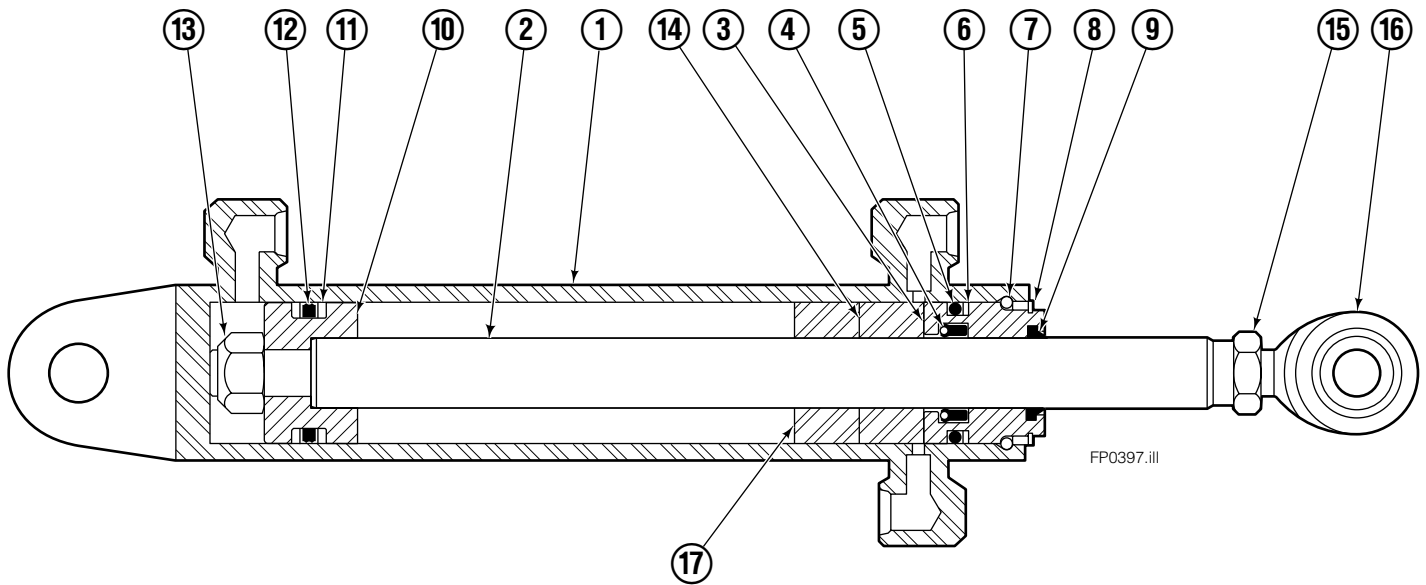


100F			
REF	QTY	PART NO.	DESCRIPTION
		6100116	Cylinder Assembly
1	1	564486	Shell
2	1	564493	Rod
3	1	564451	Retainer
4	1	564406	● Rod Seal
5	1	562127	● O-Ring
6	1	563388	● Back-up Ring
7	1	562942	Retaining Ring
8	1	562951	Snap Ring
9	1	564408	● Rod Wiper
10	1	562056	Piston
11	2	563278	● Nylon Ring
12	1	564141	● Piston Seal
13	1	678019	Piston Nut
14	1	584271	Spacer
15	1	5721	Nut
16	1	564452	Rod End
17	1	6100122	Spacer
		564453	Service Kit

● Included in Service Kit 564453.

Reference: S-6143, S-6148.

Right Hand Cylinder

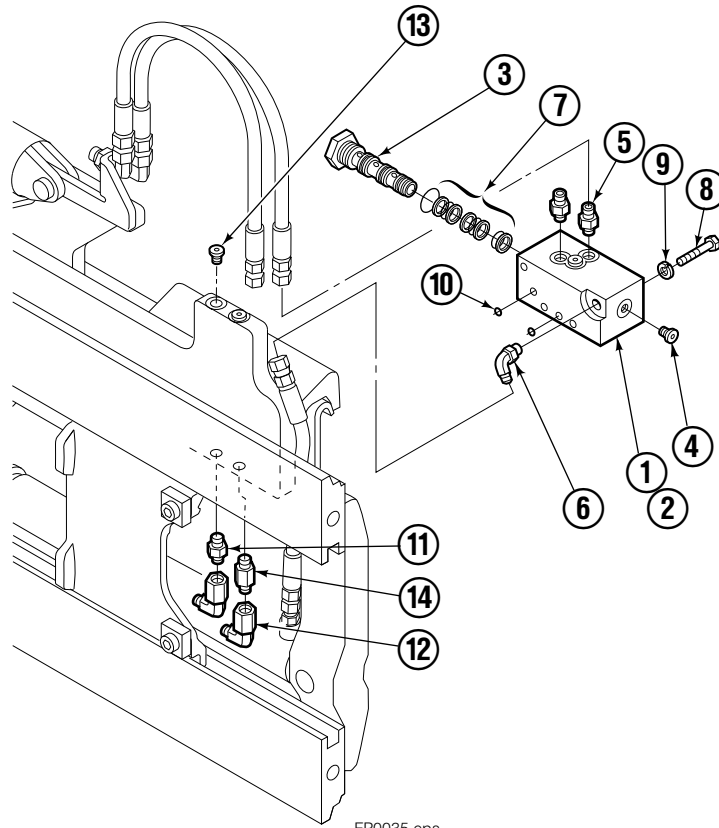


100F			
REF	QTY	PART NO.	DESCRIPTION
		6100117	Cylinder Assembly
1	1	564500	Shell
2	1	564493	Rod
3	1	564451	Retainer
4	1	564406	● Rod Seal
5	1	562127	● O-Ring
6	1	563388	● Back-up Ring
7	1	562942	Retaining Ring
8	1	562951	Snap Ring
9	1	564408	● Rod Wiper
10	1	562056	Piston
11	2	563278	● Nylon Ring
12	1	564141	● Piston Seal
13	1	678019	Piston Nut
14	1	584271	Spacer
15	1	5721	Nut
16	1	564452	Rod End
17	1	6100122	Spacer
		564453	Service Kit

● Included in Service Kit 564453.

Reference: S-6143, S-6148.

Flow Divider Group

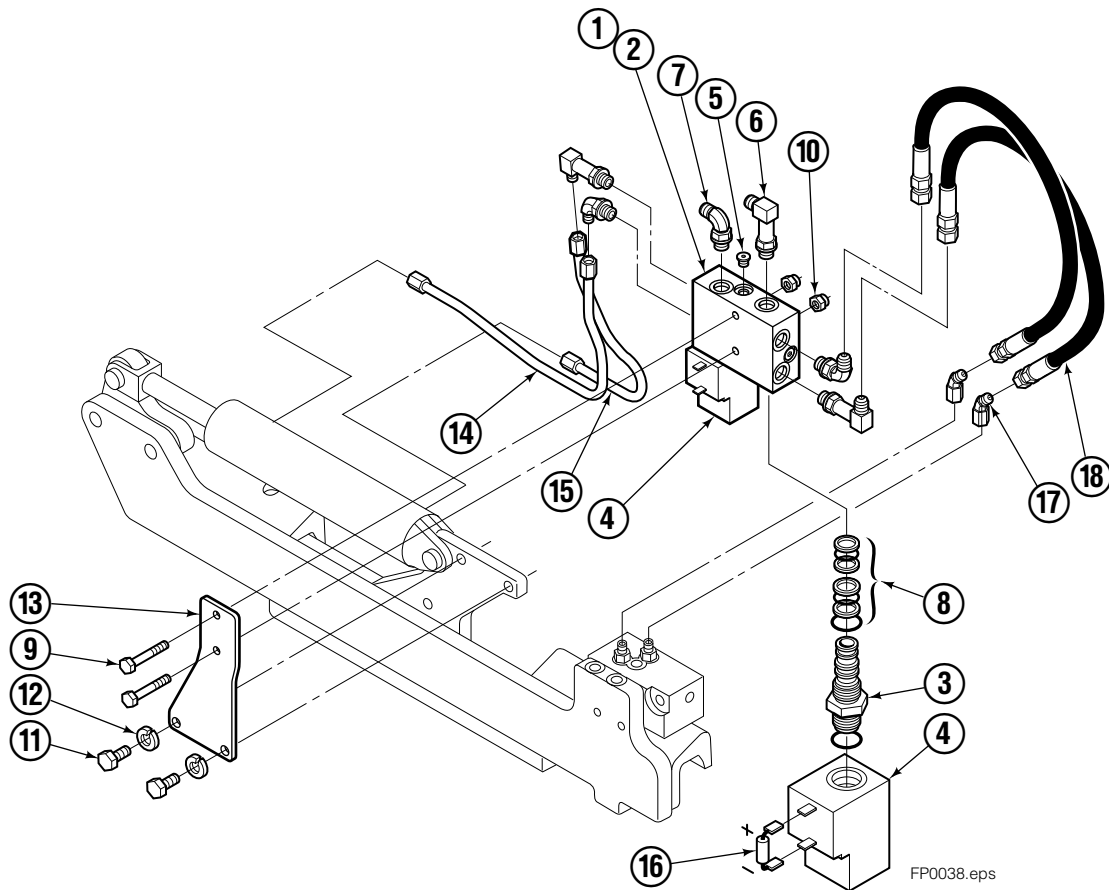


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REF	QTY	PART NO.	DESCRIPTION
		209504	Flow Divider Group
1	1	■ 209310	Valve
2	1	209311	Valve Body
3	1	201527	Cartridge-Combiner
4	2	663694	Fitting, 3
5	2	604511	Fitting, 6-6
6	1	601676	Fitting, 6-6
7	1	679992	Service Kit
8	3	685105	Capscrew
9	3	678993	Lockwasher
10	2	207300	O-Ring
11	1	604511	Fitting, 6-6
12	2	2680	Fitting, 6-6
13	2	604510	Fitting, 6
14	1	605743	Fitting, 6-6

■ Includes items 1 through 7.

Solenoid Valve Group



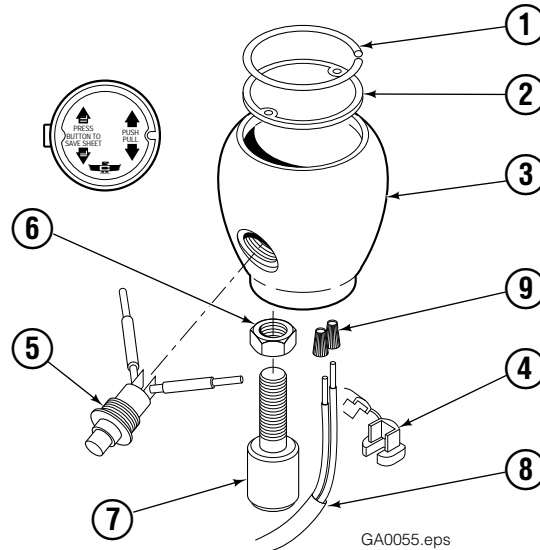
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REF	QTY	PART NO.	DESCRIPTION
		209543	Solenoid Valve Group
1	1	■207302	Solenoid Valve
2	1	207303	Valve Body
3	2	687305	Solenoid Cartridge
4	2	687306	Coil-12V
4	2	687307	Coil-24V
4	2	687308	Coil-36V
4	2	687309	Coil-48V
4	2	687310	Coil-72V
5	4	663694	Fitting, 3
6	3	207304	Fitting, 6-6
7	3	601676	Fitting, 6-6
8	1	679991	Service Kit
9	2	768528	Capscrew, M8x1,25x55-8.8
10	2	786881	Lock Nut
11	2	681370	Capscrew
12	2	681238	Lockwasher
13	1	207308	Bracket
14	1	209545	Tube
15	1	209544	Tube
16	1	669432	Diode
17	2	605230	Fitting, 6-6
18	2	676085	Hose

■ Includes items 1 through 8.

Control Knob



REF	QTY	PART NO.	DESCRIPTION
		686479	Knob Group
1	1	665250	Snap Ring
2	1	686018	Cover
3	1	665012	Knob
4	1	665076	Strain Relief
5	1	677112	■ Switch
6	1	5902	Nut, 3/8 NC
7	1	665081	Adapter, 3/8"
8	1	665077	Cable Assembly
9	2	667752	Connector-Gray
10	1	672087	Adapter, 1/2"

- This switch may be purchased without wires.
Order part number 665004. Soldering is required.

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

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