

*P*ARTS MANUAL

55F Fork Positioner

Product Model Numbers

55F-FPS-A037

55F-FPS-A041

55F-FPS-A049

Special Engineered Options Not Included

Manual Number 6008512 R-0

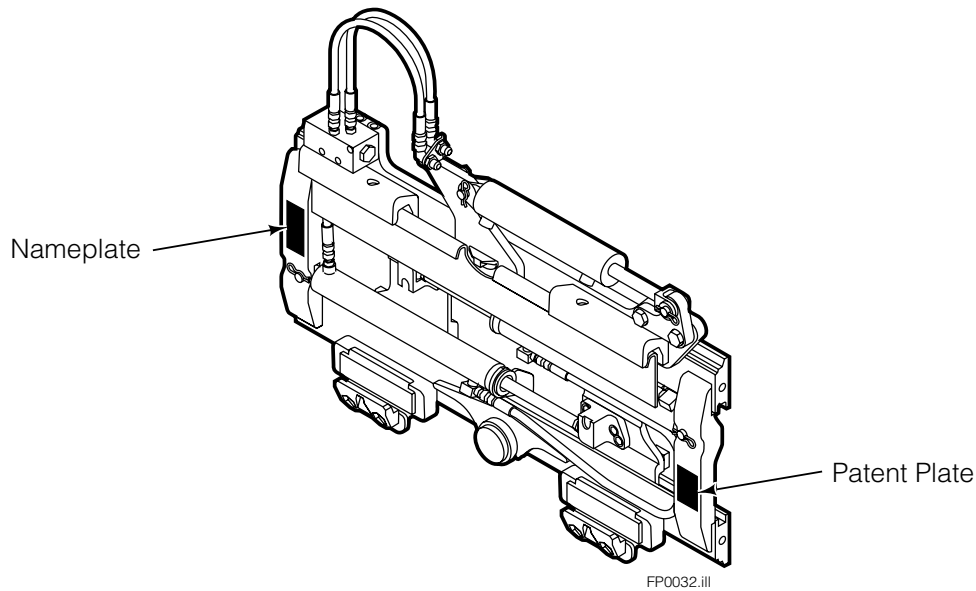
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About This Manual

Introduction

This manual shows the parts breakdown for specific 55F Fork Positioner model numbers. To find the correct pages for your attachment, locate the nameplate attached to the back of the frame on the left side. If the nameplate is missing all necessary information is stamped into the frame at the same location. Locate your model number on the following pages. To the right of the model number you will find the page numbers that apply to your attachment.



Ordering Parts

Customers — Cascade parts, service literature and videos are available through authorized lift truck dealers. To order, contact the lift truck dealer of your choice.

Lift Truck Dealers — To order parts, service literature or videos contact:

Cascade Parts Depot
2501 Sheridan Avenue
Springfield, Ohio 45505
Telephone: 888-CASCADE (227-2233)
FAX: 888-329-0234

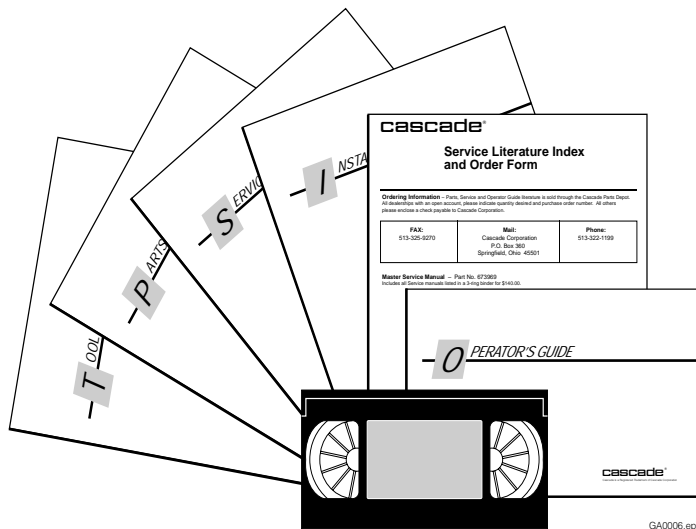


WARNING: For the safety of yourself and others, DO NOT install any parts, unless you have thoroughly reviewed the appropriate installation and service manuals. For additional information, call 1-800-CAS-CADE (227-2233)

Model Number Index

Model Number	Mounting Group Page	Sideshift Cylinder Page	Hydraulic Group Page	Fork Positioner Cylinders Page	Flow Divider Page	Installation Group Page
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55F-FPS-A041	1	2	3	4,5	6	7
55F-FPS-A049	1	2	3	4,5	6	7

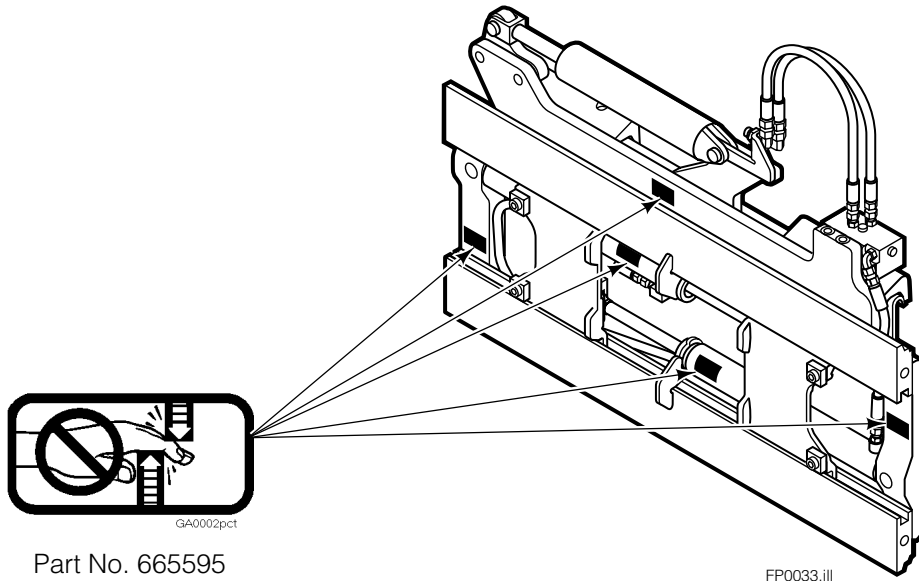
Publications



GA0006.eps

55F	
PART NO.	DESCRIPTION
6008512	Parts Manual
208743	Service Manual
688261	Operators Guide
207363	Installation Instructions
680664	Servicing Cascade Cylinders-VHS
679929	Tool Catalog
673964	Literature Index Order Form
209792	Parts Microfiche

Safety Decals

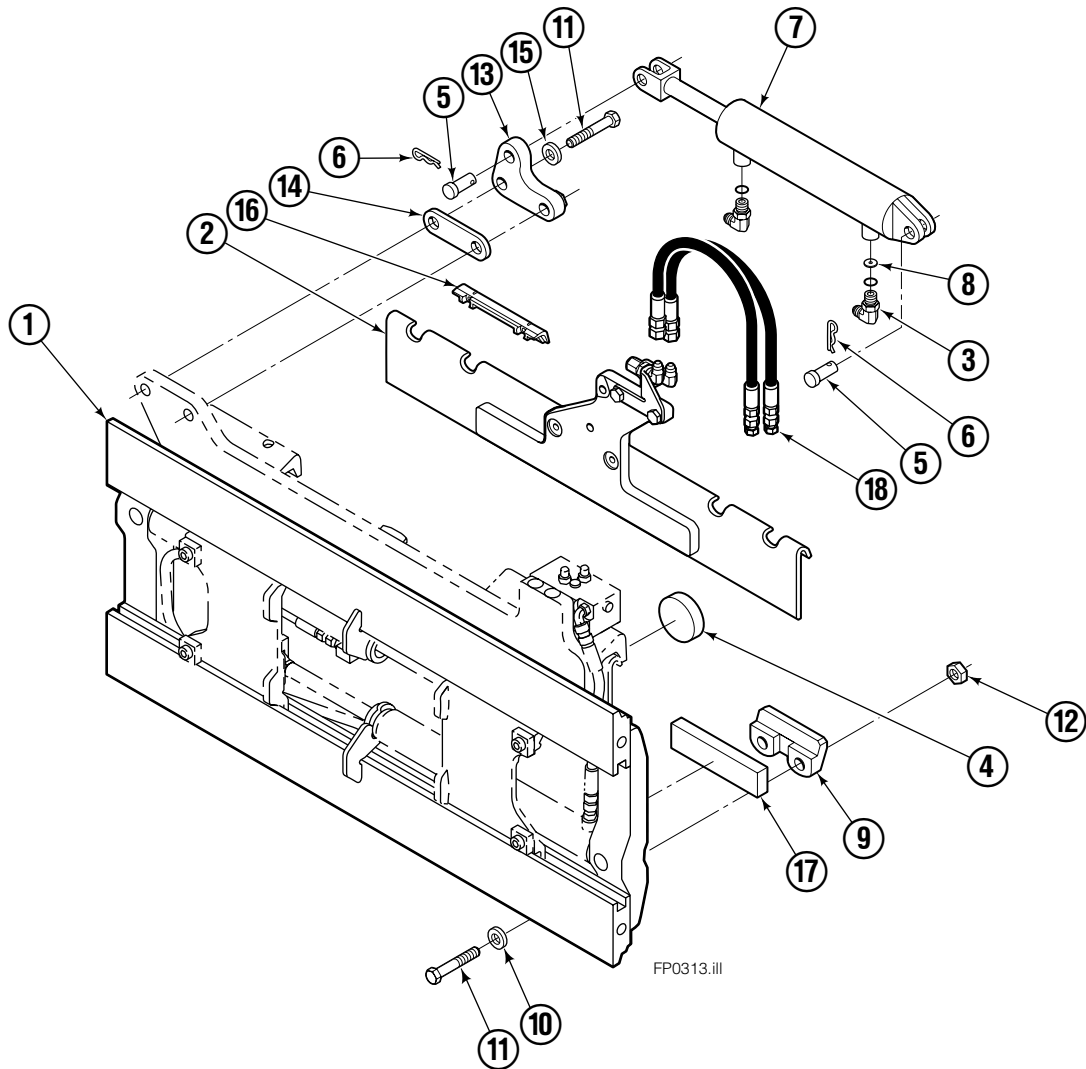


GA0002pct

Part No. 665595
(5) Places

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Mounting Group Sideshifting

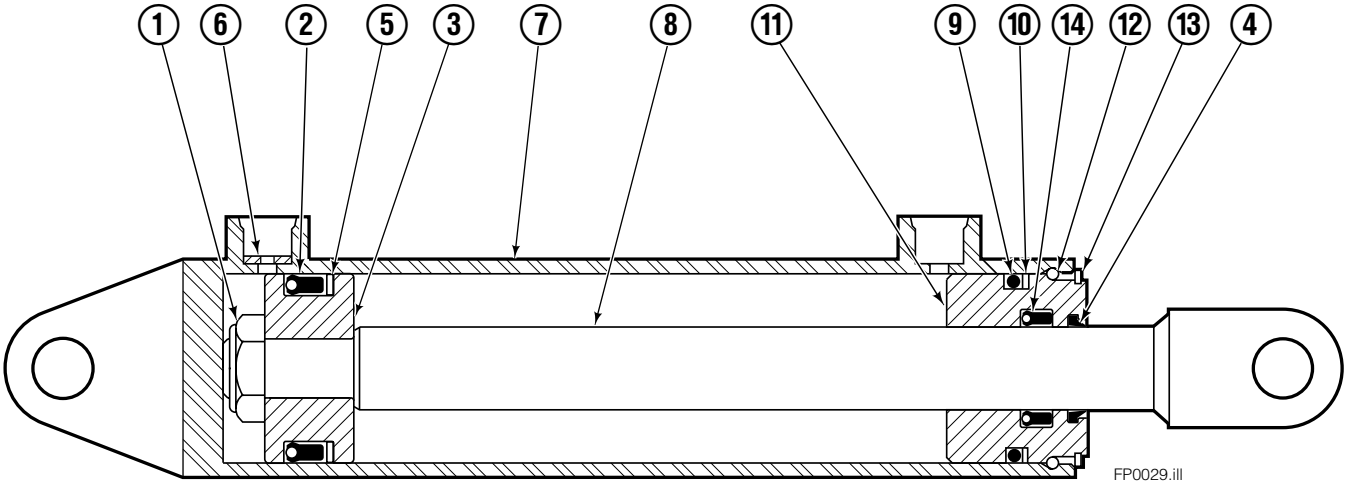


55F							
REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
		207326 ●	Sideshifting Mounting – 37 in. ■	7	1	675548	Cylinder Assembly ◆
		207327 ●	Sideshifting Mounting – 41 in. ■	8	1	675550	Washer (orifice .085)
		207328 ●	Sideshifting Mounting – 49 in. ■	9	2	204186	Lower Hook
1	1	395315	Frame – 37 in. ■	10	4	667225	Washer, .625
	1	395316	Frame – 41 in. ■	11	6	766154	Capscrew, M16x40-8.8
	1	395317	Frame – 49 in. ■	12	4	678990	Nut, M16
2	1	207184	Anchor Bracket – 37 in. ■	13	1	206909	Lug
	1	207185	Anchor Bracket – 41 in. ■	14	1	206910	Spacer
	1	207186	Anchor Bracket – 49 in. ■	15	2	684355	Lockwasher, M16
3	2	601676	Fitting, 6-6	16	2	204187	Upper Bearing
4	1	206917	Center Bearing – 49 in. only	17	2	207209	Lower Bearing
5	2	678525	Clevis Pin	18	2	207578	Hose, 20 in.
6	2	672726	Hairpin Cotter				

- Frame width.
- Includes items 2 through 17.

- ◆ See page 2 for parts breakdown.
Reference: BC-101, SK-5981, S-3988.

Sideshift Cylinder

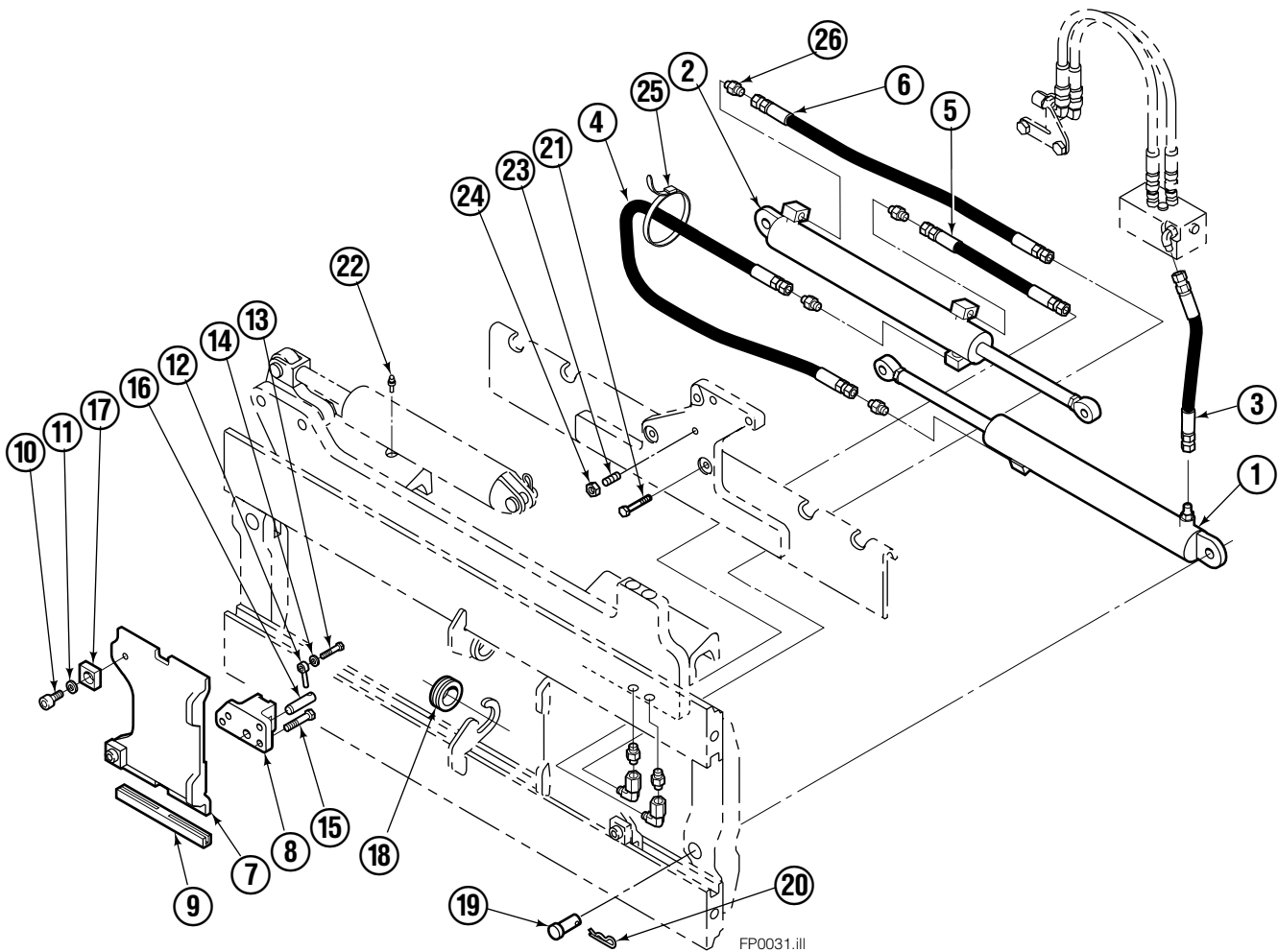


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55F			
REF	QTY	PART NO.	DESCRIPTION
		675548	Cylinder Assembly
1	1	553857	Nut
2	1	662452	■ Seal
3	1	553501	Piston
4	1	636851	■ Wiper
5	1	638247	■ Back-up Ring
6	1	675550	Washer (orifice .085)
7	1	675549	Shell
8	1	553499	Rod
9	1	2785	■ O-Ring
10	1	615128	■ Back-up Ring
11	1	553500	Retainer
12	1	553856	Retaining Ring
13	1	7202	Snap Ring
14	1	641835	■ Seal
		553861	Service Kit

■ Included in Service Kit 553861.

Hydraulic/Fork Group



55F							
REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
		207220 ●	Hydraulic Group – 37 in. ■	7	2	207208	Fork Carrier
		207221 ●	Hydraulic Group – 41 in. ■	8	2	206914	Lug
		207222 ●	Hydraulic Group – 49 in. ■	9	4	206915	Bearing
		206912 □	Fork Group	10	4	206922	Capscrew, M12x16
1	1	583943 ◆	Cylinder Assembly, LH – 37 in. ■	11	4	678991	Lockwasher, M12
	1	583944 ◆	Cylinder Assembly, LH – 41 in. ■	12	2	206923	Eyebolt
	1	583945 ◆	Cylinder Assembly, LH – 49 in. ■	13	2	763169	Capscrew, M6x20
2	1	583951 ▼	Cylinder Assembly, RH – 37 in. ■	14	2	680217	Lockwasher, M6
	1	583952 ▼	Cylinder Assembly, RH – 41 in. ■	15	8	206924	Capscrew, M8x16
	1	583953 ▼	Cylinder Assembly, RH – 49 in. ■	16	2	206925	Pin
3	1	207563	Hose – 37 in. ■	17	4	207552	Block
	1	207567	Hose – 41 in. ■	18	2	206916	Grommet
	1	207298	Hose – 49 in. ■	19	2	206926	Clevis Pin
4	1	207564	Hose – 37 in. ■	20	2	207210	Hairpin Cotter
	1	207568	Hose – 41 in. ■	21	2	768551	Capscrew, M10x10
	1	207570	Hose – 49 in. ■	22	2	7403	Grease Fitting
5	1	207565	Hose	23	1	768753	Setscrew
	1	207566	Hose – 37 in. ■	24	1	207211	Jam Nut
6	1	207569	Hose – 41 in. ■	25	1	200008	Cable Tie
	1	207571	Hose – 49 in. ■	26	6	617915	Fitting, 4-4

■ Frame width.

◆ See page 4 for parts breakdown.

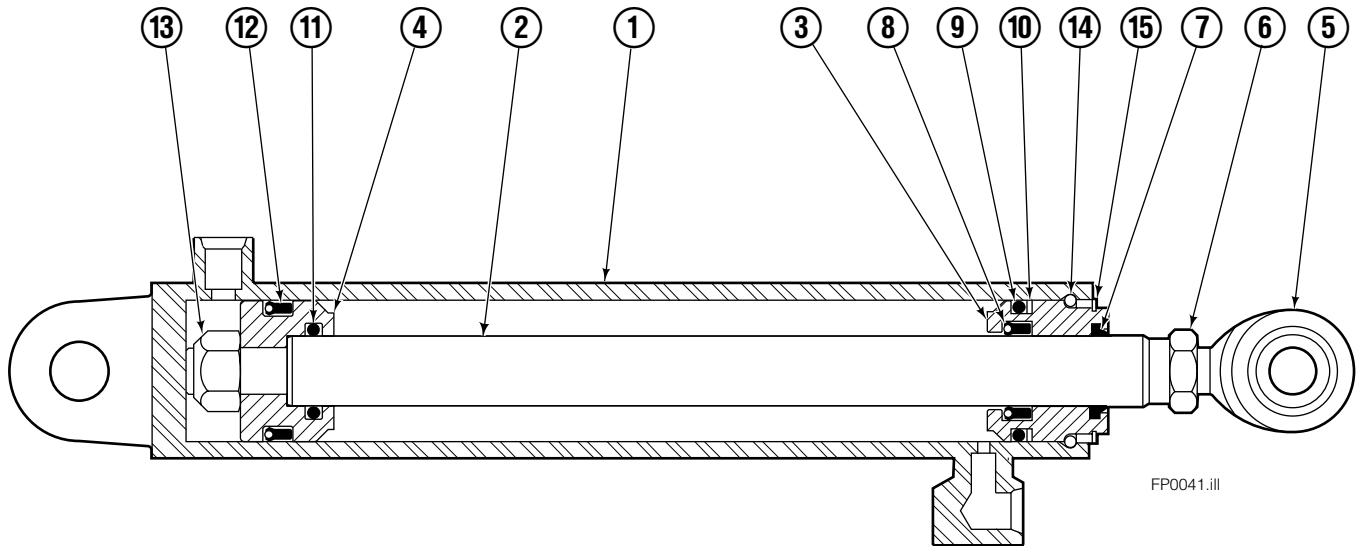
▼ See page 5 for parts breakdown.

● Includes items 1 through 6.

□ Includes items 7 through 26.

Reference: BC-101, SK-5981.

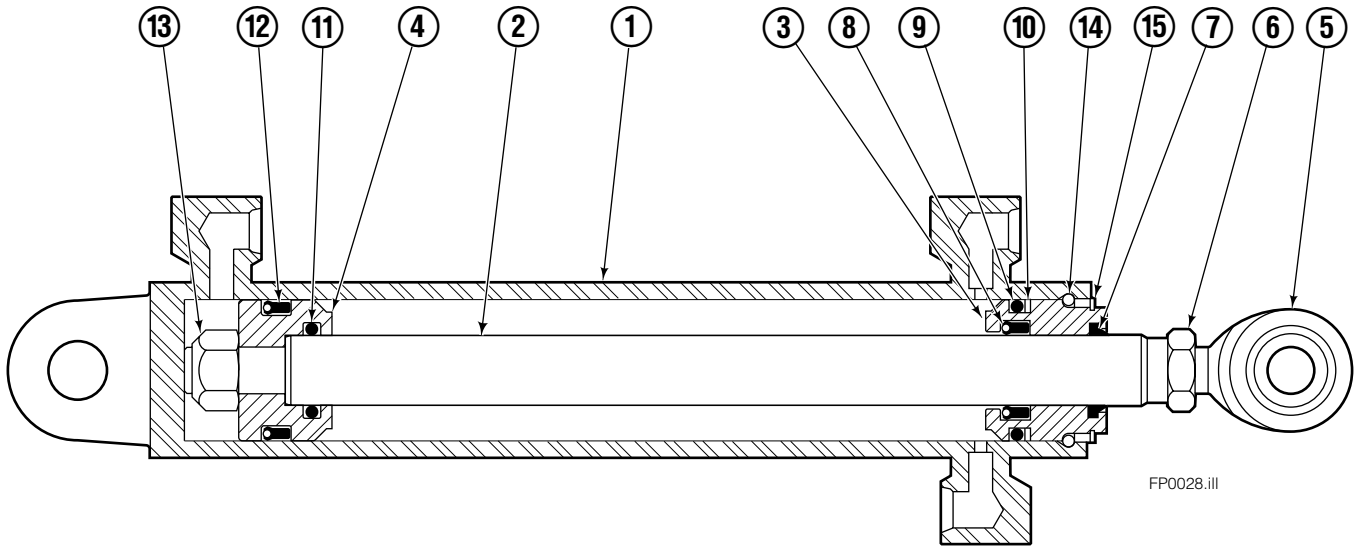
Left Hand Cylinder



55F			
REF	QTY	PART NO.	DESCRIPTION
		583943	Cylinder Assembly – 37 in. ■
		583944	Cylinder Assembly – 41 in. ■
		583945	Cylinder Assembly – 49 in. ■
1	1	564168	Shell – 37 in. ■
	1	564169	Shell – 41 in. ■
	1	564170	Shell – 49 in. ■
2	1	564184	Rod – 37 in. ■
	1	564185	Rod – 41 in. ■
	1	564186	Rod – 49 in. ■
3	1	684644	Retainer
4	1	685665	Piston
5	1	564193	Rod End
6	1	5718	Nut
7	1	636850	● Rod Wiper
8	1	646540	● Rod Seal
9	1	2718	● O-Ring
10	1	615122	● Back-up Ring
11	1	2710	● O-Ring
12	1	633728	● Piston Seal
13	1	563462	Piston Nut
14	1	563916	Retaining Ring
15	1	3137	Snap Ring
		684827	Service Kit

■ Frame width.
 ● Included in Service Kit 684827.
 Reference: S-6140, S-6141.

Right Hand Cylinder



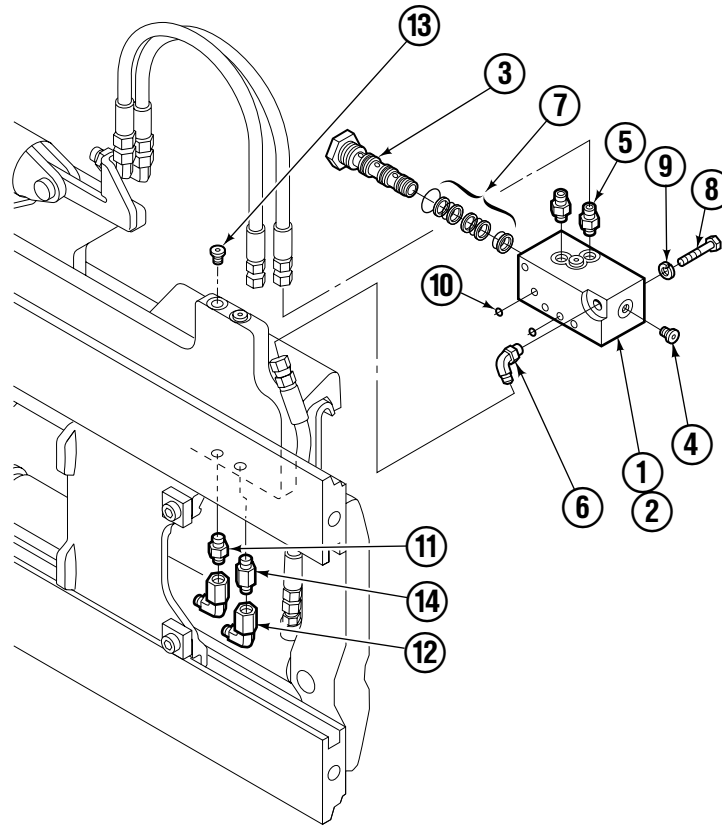
55F			
REF	QTY	PART NO.	DESCRIPTION
		583951	Cylinder Assembly – 37 in. ■
		583952	Cylinder Assembly – 41 in. ■
		583953	Cylinder Assembly – 49 in. ■
1	1	564176	Shell – 37 in. ■
	1	564177	Shell – 41 in. ■
	1	564178	Shell – 49 in. ■
2	1	564184	Rod – 37 in. ■
	1	564185	Rod – 41 in. ■
	1	564186	Rod – 49 in. ■
3	1	684644	Retainer
4	1	685665	Piston
5	1	564193	Rod End
6	1	5718	Nut
7	1	636850	● Rod Wiper
8	1	646540	● Rod Seal
9	1	2718	● O-Ring
10	1	615122	● Back-up Ring
11	1	2710	● O-Ring
12	1	633728	● Piston Seal
13	1	563462	Piston Nut
14	1	563916	Retaining Ring
15	1	3137	Snap Ring
		684827	Service Kit

■ Frame width.

● Included in Service Kit 684827.

Reference: S-6138, S-6139.

Flow Divider Group

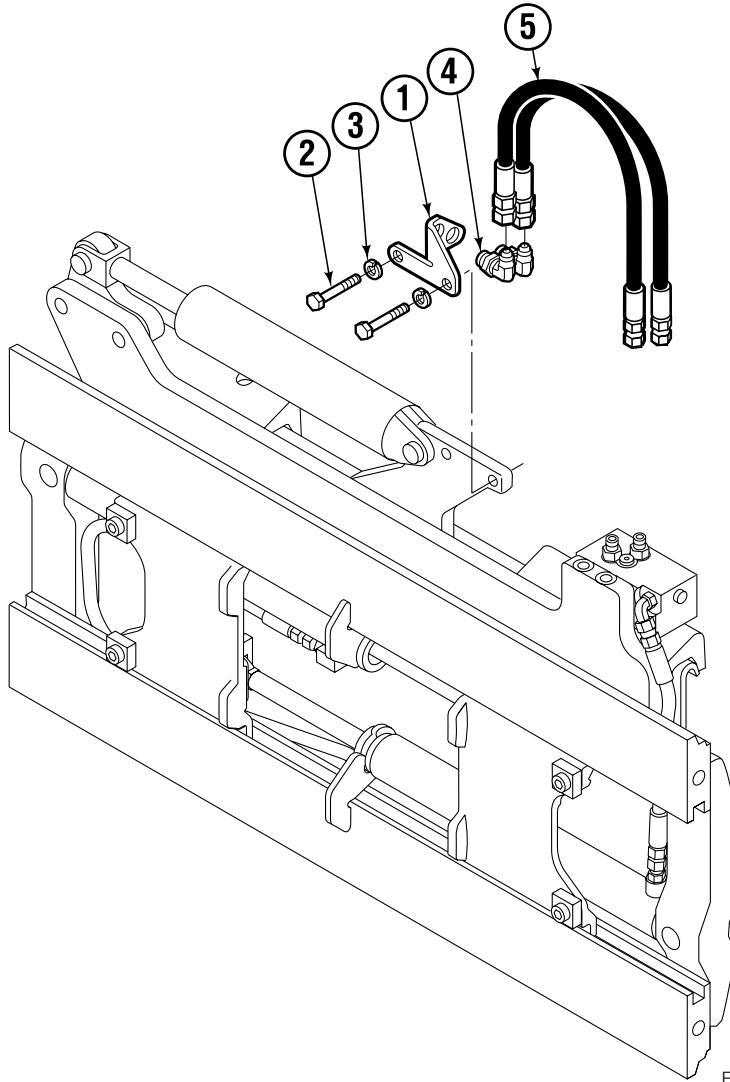


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55F			
REF	QTY	PART NO.	DESCRIPTION
		206921	Flow Divider Group
1	1	206919	Valve ■
2	1	206918	Valve Body
3	1	207301	Cartridge-Combiner
4	2	663694	Fitting, 3
5	2	617915	Fitting, 4-4
6	1	617917	Fitting, 4-4
7	1	679992	Service Kit
8	3	685105	Capscrew, M6x65
9	3	678993	Lockwasher, M6
10	2	207300	O-Ring
11	6	617915	Fitting, 4-4
12	2	617641	Fitting, 4-4
13	2	609234	Fitting, 4
14	1	617916	Fitting, 4-4

■ Includes items 1 through 7.

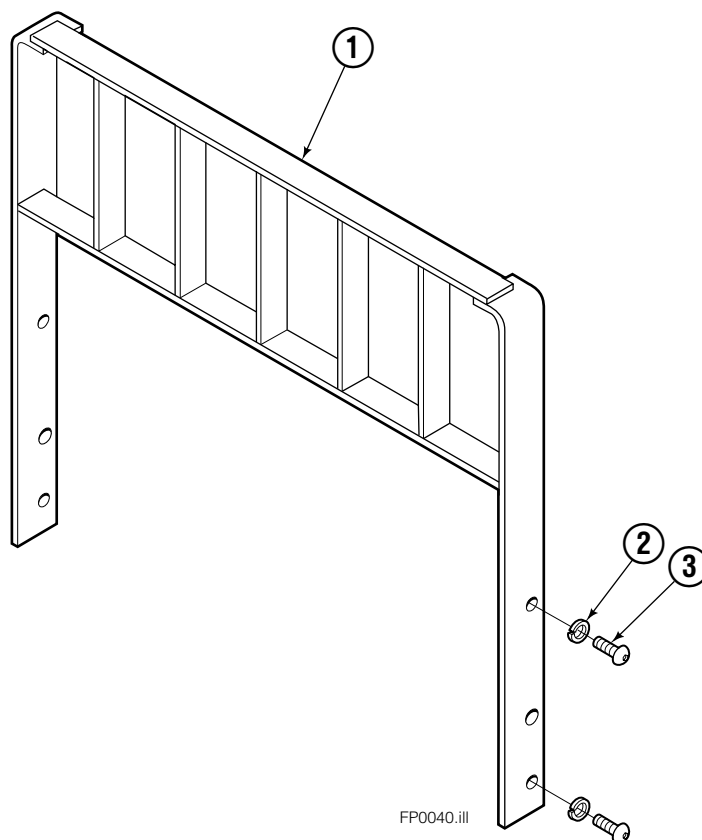
Sideshifting Installation Group



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55F			
REF	QTY	PART NO.	DESCRIPTION
		207342	Installation Group
1	1	207314	Bracket
2	2	762899	Capscrew, M10X20-8.8
3	2	681238	Lockwasher
4	2	2454	Fitting, 8-8
5	2	207578	Hose

Backrests



55F			
REF	QTY	PART NO.	DESCRIPTION
1	1	207127	Backrest – 37x36 in. ■
	1	207128	Backrest – 37x48 in. ■
	1	207129	Backrest – 37x60 in. ■
	1	207130	Backrest – 41x36 in. ■
	1	207131	Backrest – 41x48 in. ■
	1	207132	Backrest – 41x60 in. ■
	1	207133	Backrest – 49x36 in. ■
	1	207134	Backrest – 49x48 in. ■
	1	207135	Backrest – 49x60 in. ■
2	4	684586	Lockwasher, M16
3	4	200173	Capscrew, M16x35

■ Width by Height.

Recommended Spare Parts List

55F Fork Positioner				
PART NUMBER	DESCRIPTION	ATTACHMENTS SERVICED		
		1-5	6-19	20-50
	MOUNTING GROUP			
204187	Upper Bearing	2	4	4
207209	Lower Bearing	2	4	8
206917	Center Bearing (49 in. frame width only)	1	2	2
204186	Lower Hook	2	4	4
678525	Clevis Pin (sideshifting only)	0	2	2
	SIDESHIFT CYLINDER			
675548	Cylinder Assembly	0	1	1
553861	Service Kit	1	2	4
	HYDRAULIC / FORK GROUP			
207231	Hose	0	1	2
■	Hose (item 3 page 3)	0	1	2
■	Hose (item 4 page 3)	0	1	2
■	Hose (item 5 page 3)	0	1	2
■	Hose (item 6 page 3)	0	1	2
206916	Grommet	2	4	8
206926	Clevis Pin	2	4	4
207208	Fork Carrier	1	2	2
206923	Eyebolt	1	2	2
206925	Pin	1	2	2
206915	Bearing	2	4	8
	FORK POSITIONER CYLINDER			
■	Cylinder Assembly R. H.	0	1	2
■	Cylinder Assembly L. H.	0	1	2
684827	Service Kit	2	4	8
	FLOW DIVIDER VALVE			
206919	Valve Assembly	0	1	2
679992	Service Kit	1	2	4
207301	Cartridge	1	2	2
207300	O-Ring	2	4	6
	SEQUENCE VALVE (optional)			
207305	Sequence Valve Assembly	0	1	1
207309	Tube (rod end)	0	1	2
207310	Tube (head end)	0	1	2
208609	Hose	1	2	2
686503	Cartridge - Relief Valve	1	2	2
679991	Service Kit	1	2	2
205134	Cartridge - Check Valve	1	2	2
682170	Service Kit	1	2	2
	SOLENOID VALVE (optional)			
207303	Solenoid Valve Assembly	0	1	1
207312	Tube (rod end)	0	1	2
207310	Tube (head end)	0	1	2
208608	Hose	1	2	2
687305	Cartridge	1	2	2
679991	Service Kit	1	2	2
669432	Diode	1	2	2
	PAINT			
678236	12 oz. Aerosol Cascade Black	1	2	2
	PUBLICATIONS			
6008512	Parts Manual	1	1	1
208743	Service Manual	1	1	1
207363	Installation Instruction	1	1	1
688261	Operator's Guide	1	1	1
679929	Tool Catalog	1	1	1
673964	Literature Index Order Form	1	1	1
	VIDEOS			
680664	Servicing Cascade Cylinders	1	1	1

■ See specific parts page.

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

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