

PARTS MANUAL

55F Fork Positioner

Product I. D. Numbers

55F-HB-002 through 55E-HB-006

55F-HS-001 through 55F-HS-021

Special Engineered Options Not Included

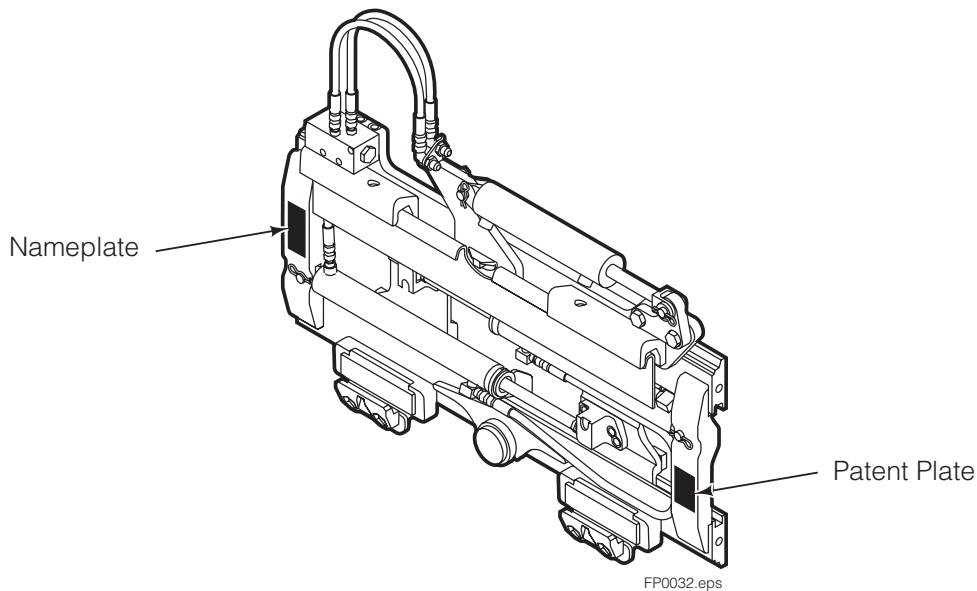
Manual Number 207501 R-0

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About This Manual

Introduction

This manual shows the parts breakdown for specific 55F Fork Positioner serial 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 serial number on the following pages. To the right of the serial 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: 513-322-1199
Telex: 279563
FAX: 513-325-9270

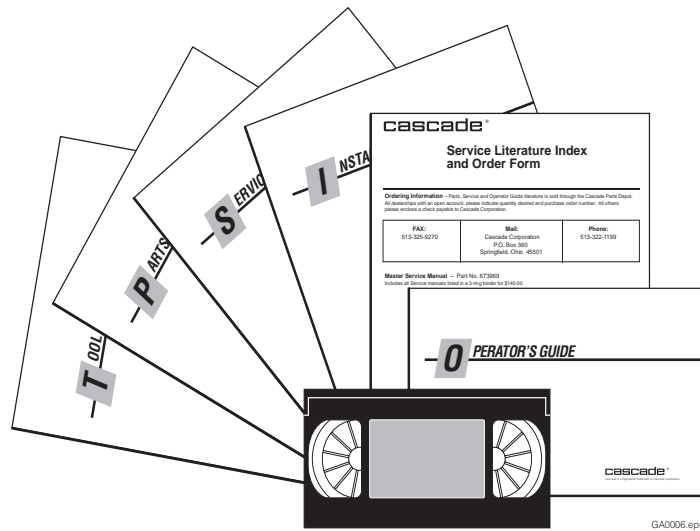


WARNING: For the safety of yourself and others, DO NOT install any parts, unless you have thoroughly reviewed the appropriate installation and service manuals. For additional information, call 1-800-CAS-CADE (227-2233)

Serial Number Index

Serial Number	Mounting Group Page	Hydraulic Group Page	Fork Positioner Cylinders Page	Non-Flow & Flow Divider Page	Installation Group Page	Sequence Valve Group Page	Solenoid Valve Group Page	Back-rest Page
55F-HB-003	1	4	5,6	7	–	9	10	11
55F-HB-004	1	4	5,6	7	–	9	10	11
55F-HB-005	1	4	5,6	7	–	9	10	11
55F-HB-006	1	4	5,6	7	–	9	10	11
55F-HS-001	2	4	5,6	7	8	9	10	11
55F-HS-002	2	4	5,6	7	8	9	10	11
55F-HS-003	2	4	5,6	7	8	9	10	11
55F-HS-004	2	4	5,6	7	8	9	10	11
55F-HS-005	2	4	5,6	7	8	9	10	11
55F-HS-006	2	4	5,6	7	8	9	10	11
55F-HS-007	2	4	5,6	7	8	9	10	11
55F-HS-008	2	4	5,6	7	8	9	10	11
55F-HS-009	2	4	5,6	7	8	9	10	11
55F-HS-010	2	4	5,6	7	8	9	10	11
55F-HS-011	2	4	5,6	7	8	9	10	11
55F-HS-012	2	4	5,6	7	8	9	10	11
55F-HS-013	2	4	5,6	7	8	9	10	11
55F-HS-015	2	4	5,6	7	8	9	10	11
55F-HS-016	2	4	5,6	7	8	9	10	11
55F-HS-017	2	4	5,6	7	8	9	10	11
55F-HS-019	2	4	5,6	7	8	9	10	11
55F-HS-020	2	4	5,6	7	8	9	10	11
55F-HS-021	2	4	5,6	7	8	9	10	11

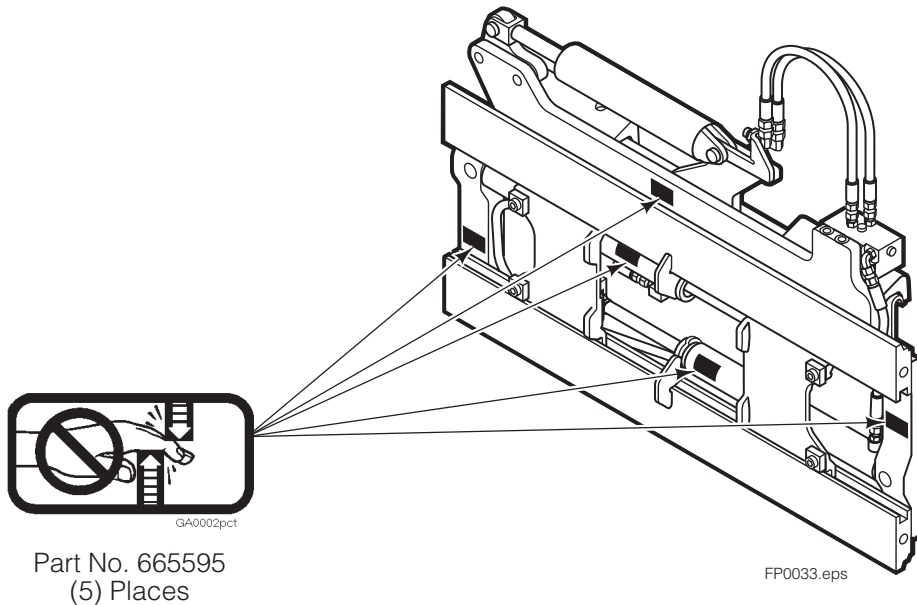
Publications



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55F	
PART NO.	DESCRIPTION
207501	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

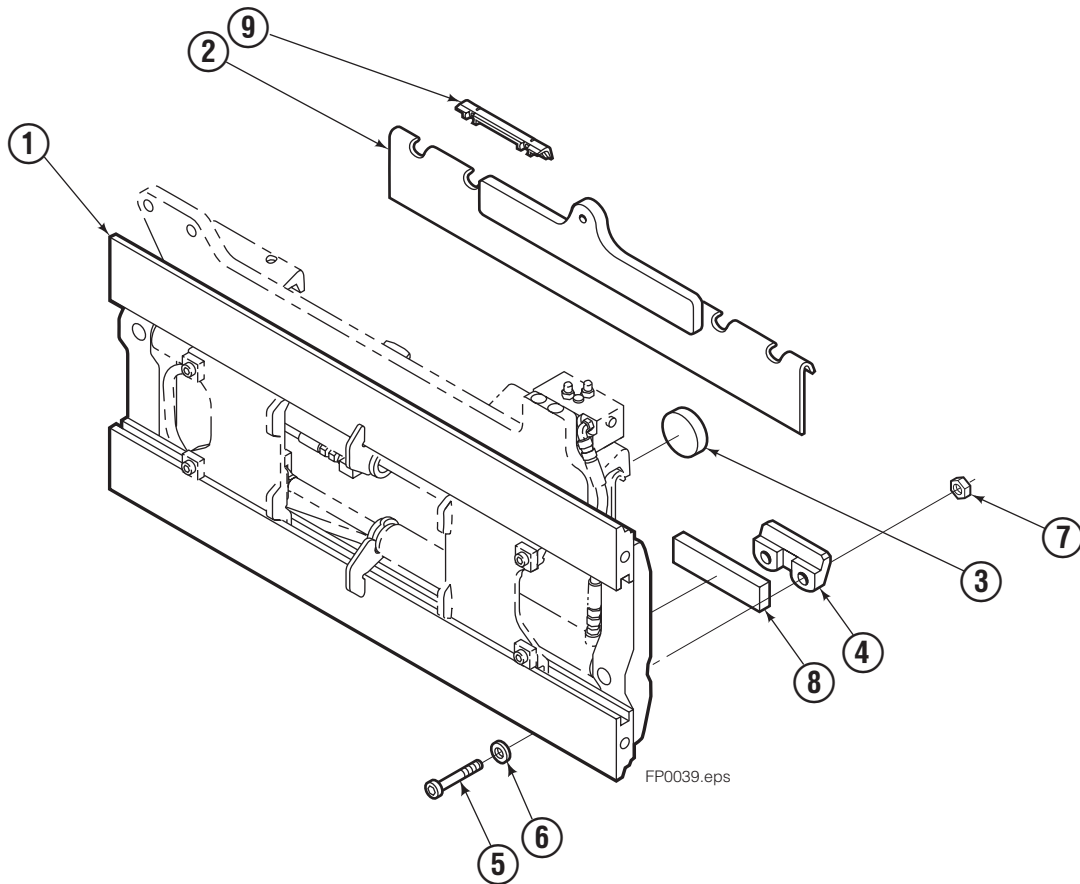


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Part No. 665595
(5) Places

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Mounting Group Non-Sideshifting

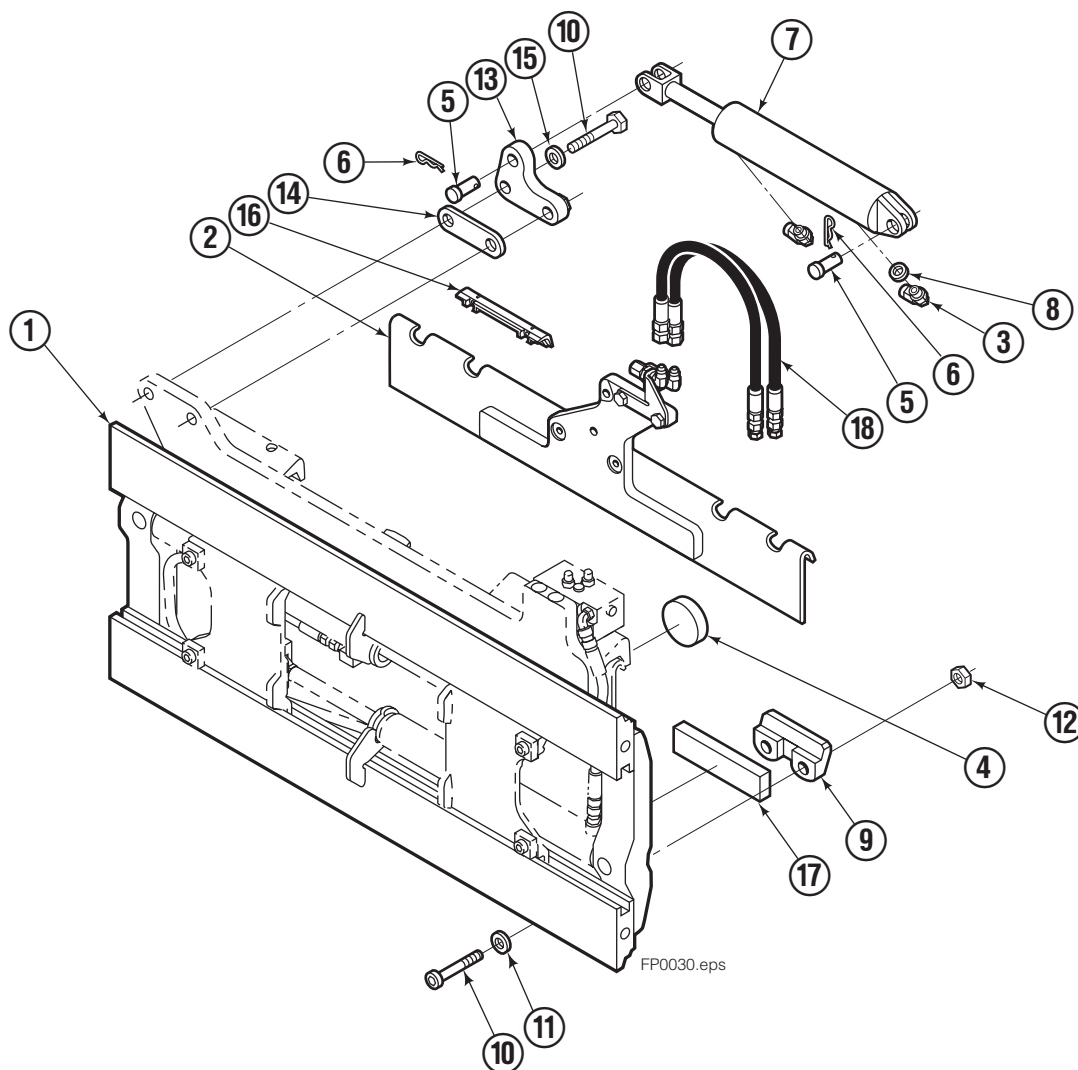


Reference:
BC-101
SK-5981

55F							
REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
		207334●	Non-Sideshifting Mounting-37" ■	3	1	206917	Center Bearing-49" only
		207335●	Non-Sideshifting Mounting-41" ■	4	2	204186	Lower Hook
		207336●	Non-Sideshifting Mounting-49" ■	5	4	766154	Capscrew, M16x2,0x40-8.8
1	1	207212	Frame-37" ■	6	4	667225	Washer
1	1	207213	Frame-41" ■	7	4	678990	Nut
1	1	207214	Frame-49" ■	8	2	207209	Lower Bearing
2	1	207192	Anchor Bracket-37" ■	9	2	204187	Upper Bearing
2	1	207193	Anchor Bracket-41" ■				
2	1	207194	Anchor Bracket-49" ■				

- Carriage width.
- Includes items 2 through 9.

Mounting Group Sideshifting



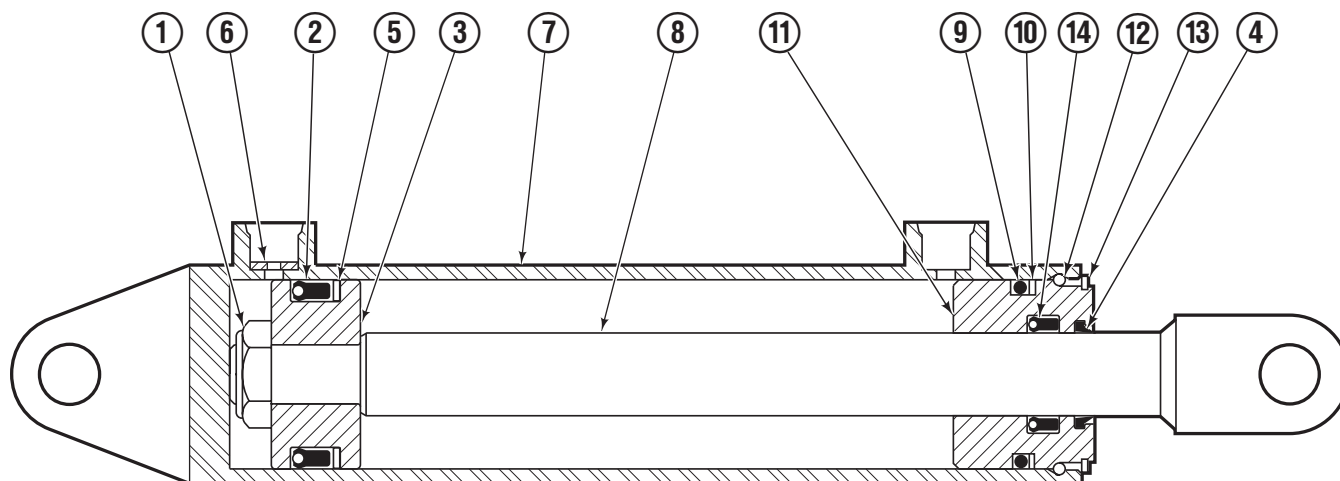
Reference:
BC-101
SK-5981
2S-3988

55F

REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
		207326●	Sideshifting Mounting-37" ■	◆7	1	675548	Cylinder Assembly
		207327●	Sideshifting Mounting-41" ■	8	1	675550	Washer (orifice .085)
		207328●	Sideshifting Mounting-49" ■	9	2	204186	Lower Hook
1	1	207212	Frame-37" ■	10	6	766154	Capscrew, M16x2,0x40-8.8
1	1	207213	Frame-41" ■	11	4	667225	Washer
1	1	207214	Frame-49" ■	12	4	678990	Nut
2	1	207184	Anchor Bracket-37" ■	13	1	206909	Lug
2	1	207185	Anchor Bracket-41" ■	14	1	206910	Spacer
2	1	207186	Anchor Bracket-49" ■	15	2	684355	Lockwasher
3	2	601676	Fitting, 6-6	16	2	204187	Upper Bearing
4	1	206917	Center Bearing-49" only	17	2	207209	Lower Bearing
5	2	678525	Clevis Pin	18	2	207578	Hose
6	2	672726	Hairpin Cotter				

- Carriage width.
- Includes items 2 through 17.
- ◆ See page 3 for parts breakdown.

Sideshift Cylinder

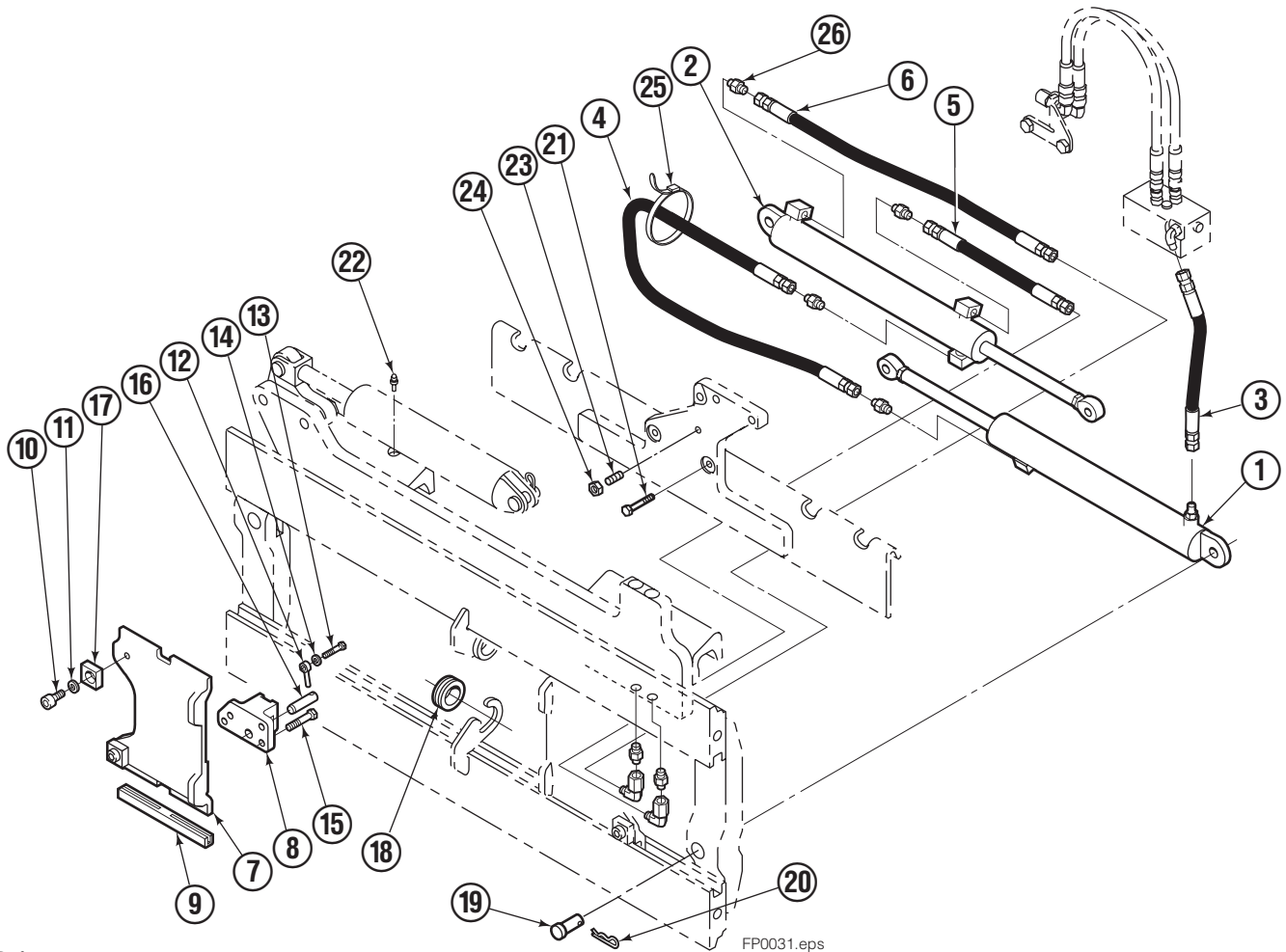


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55F			
REF	QTY	PART NO.	DESCRIPTION
		675548	Cylinder Assembly
1	1	553857	Nut
■2	1	662452	Seal
3	1	553501	Piston
■4	1	636851	Wiper
■5	1	638247	Back-up Ring
6	1	675550	Washer (orifice .085)
7	1	675549	Shell
8	1	553499	Rod
■9	1	2785	O-Ring
■10	1	615128	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



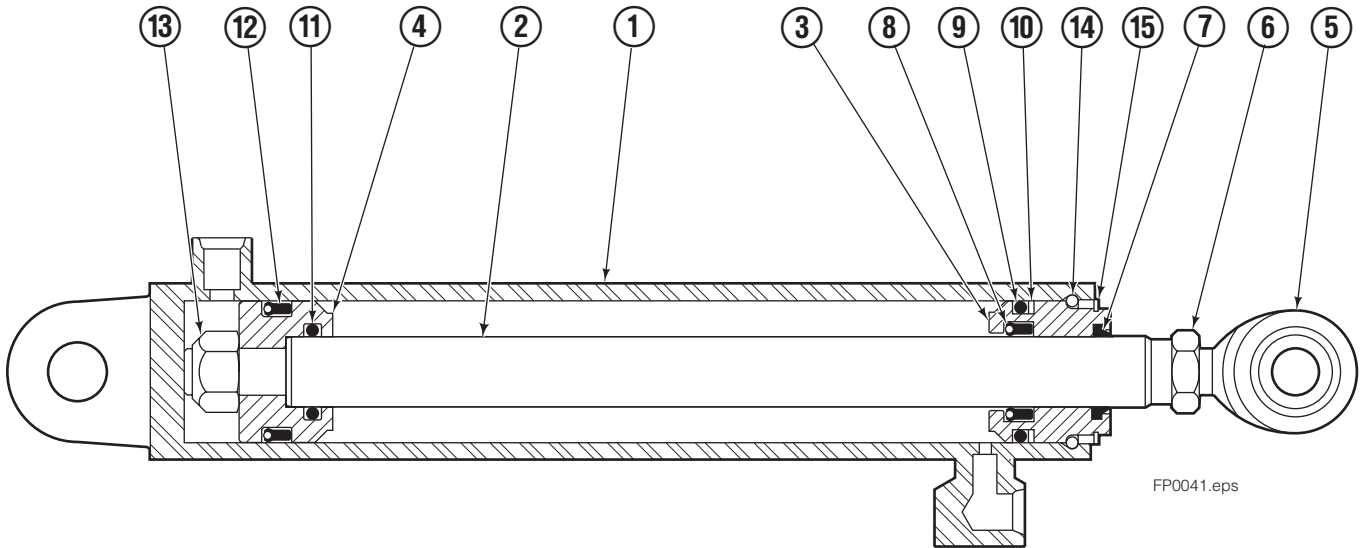
Reference:
BC-101
SK-5981

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

- Carriage width.
- ◆ See page 5 for parts breakdown.
- ▼ See page 6 for parts breakdown.

- Includes items 1 through 6.
- Includes items 7 through 26.

Left Hand Cylinder

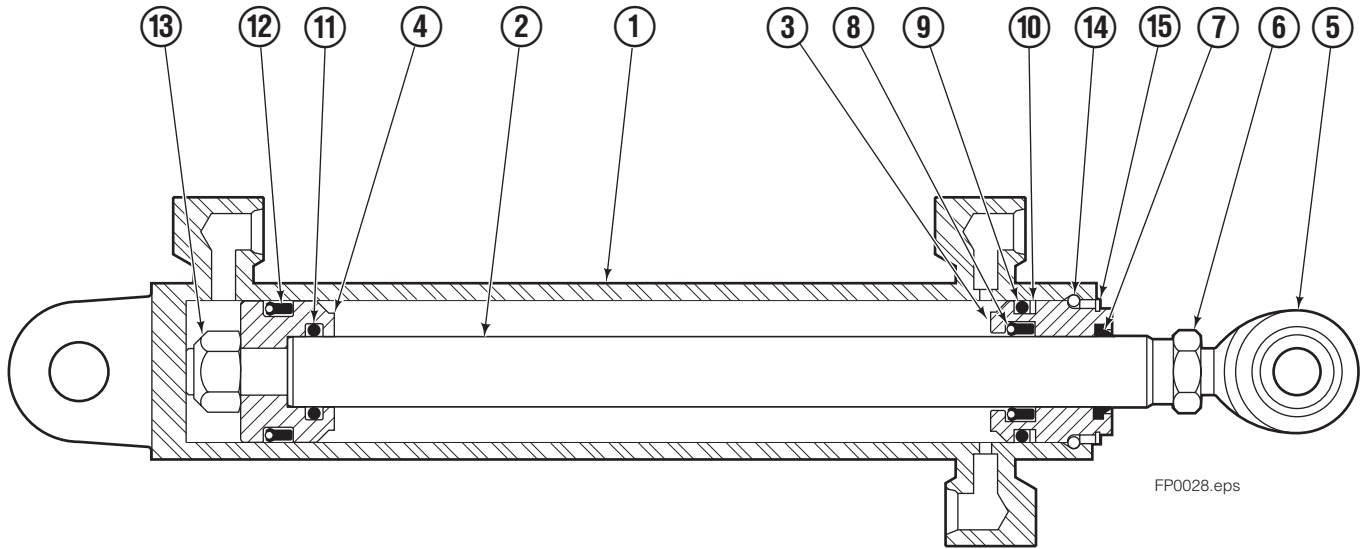


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55F			
REF	QTY	PART NO.	DESCRIPTION
		583943	Cylinder Assembly-37"■
		583944	Cylinder Assembly-41"■
		583945	Cylinder Assembly-49"■
1	1	564168	Shell-37"■
1	1	564169	Shell-41"■
1	1	564170	Shell-49"■
2	1	564184	Rod-37"■
2	1	564185	Rod-41"■
2	1	564186	Rod-49"■
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

- Carriage width.
- Included in Service Kit 684827.

Right Hand Cylinder



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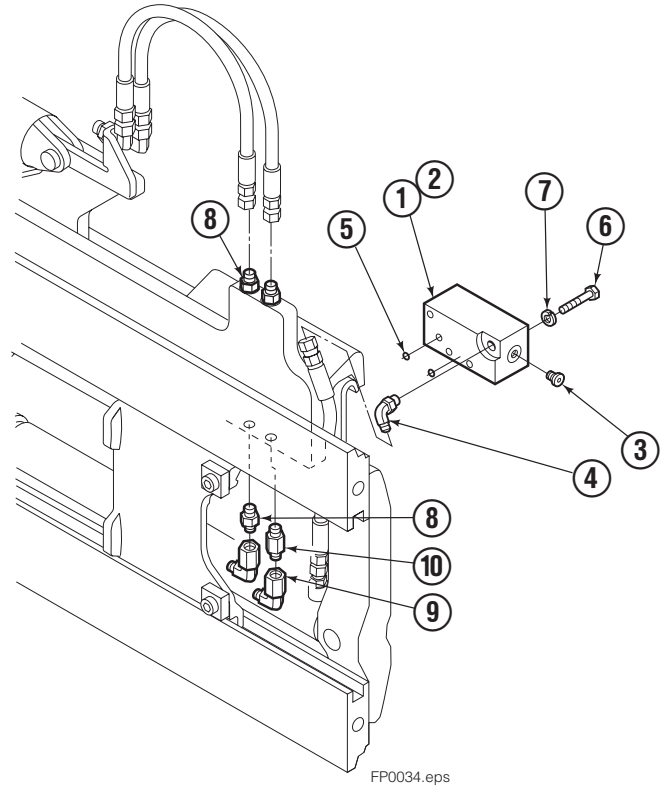
55F			
REF	QTY	PART NO.	DESCRIPTION
		583951	Cylinder Assembly-37"■
		583952	Cylinder Assembly-41"■
		583953	Cylinder Assembly-49"■
1	1	564176	Shell-37"■
1	1	564177	Shell-41"■
1	1	564178	Shell-49"■
2	1	564184	Rod-37"■
2	1	564185	Rod-41"■
2	1	564186	Rod-49"■
3	1	684644	Retainer
4	1	685665	Piston
●5	1	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

- Carriage width.
- Included in Service Kit 684827.

Non-Flow Divider Group

55F			
REF	QTY	PART NO.	DESCRIPTION
		206920	Non-Flow Divider Group
1	1	■207554	Valve
2	1	207315	Valve Body
3	2	663694	Fitting, 4
4	1	617917	Fitting, 4-4
5	2	207300	O-Ring
6	3	768789	Capscrew
7	3	678993	Lockwasher
8	6	617915	Fitting, 4-4
9	2	617641	Fitting, 4-4
10	1	617916	Fitting, 4-4

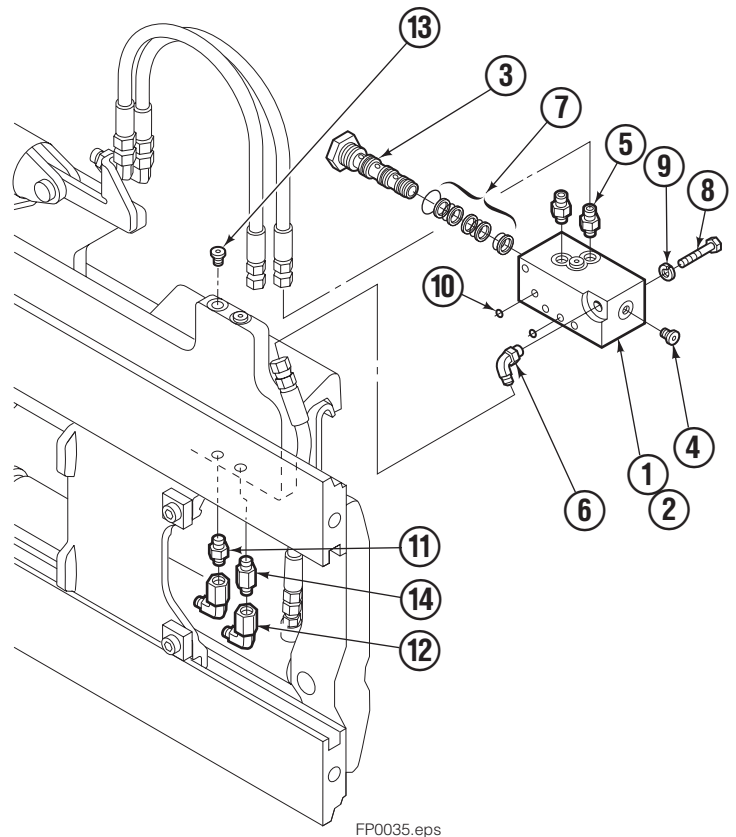
■ Includes items 1 through 4.



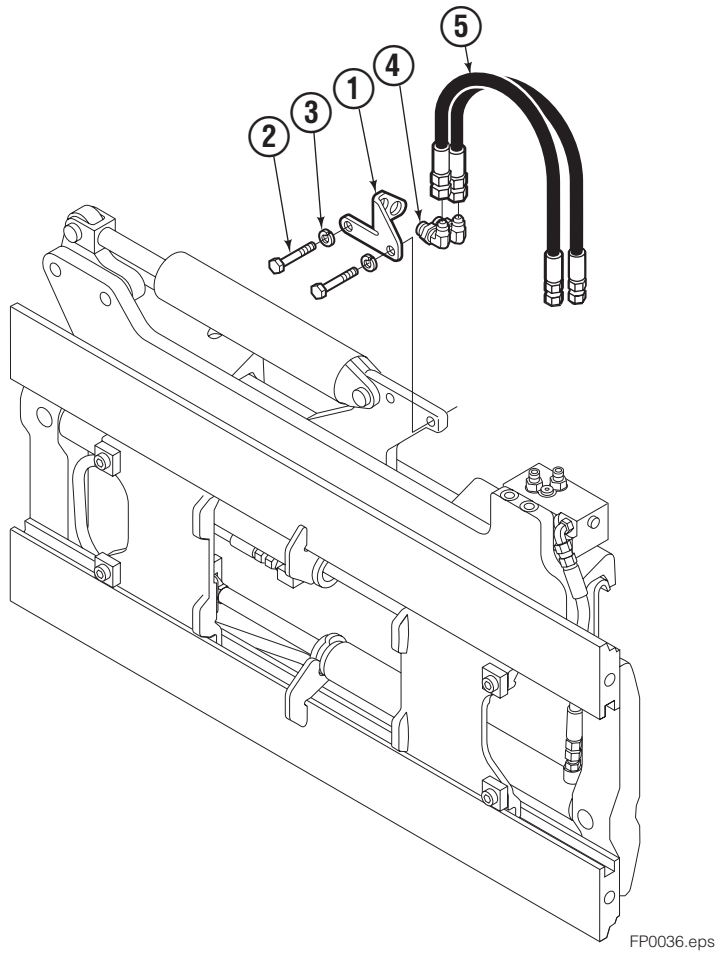
Flow Divider Group

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
9	3	678993	Lockwasher
10	2	207300	O-Ring
11	6	617915	Fitting, 4-4
12	2	617641	Fitting, 4-4
13	2	609234	Fitting, 4-4
14	1	617916	Fitting, 4-4

■ Includes items 1 through 7.

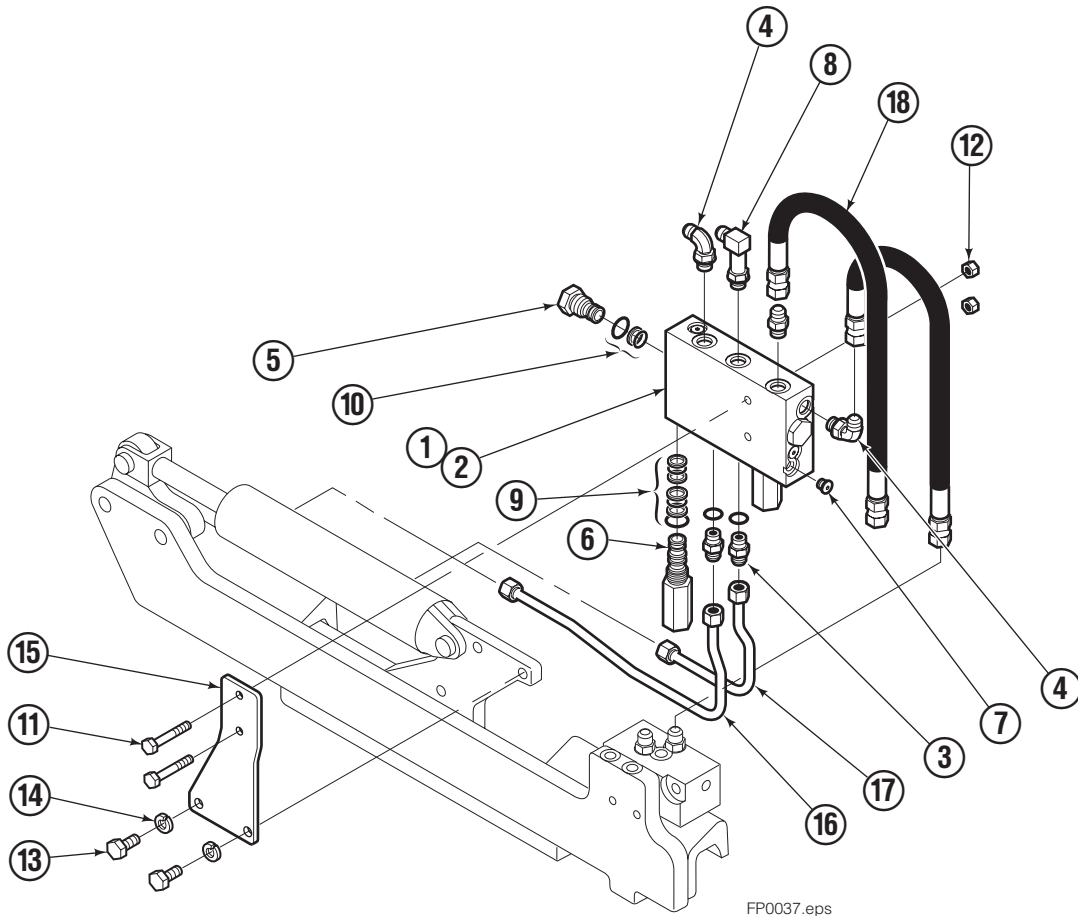


Sideshifting Installation Group



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

Sequence Valve Group

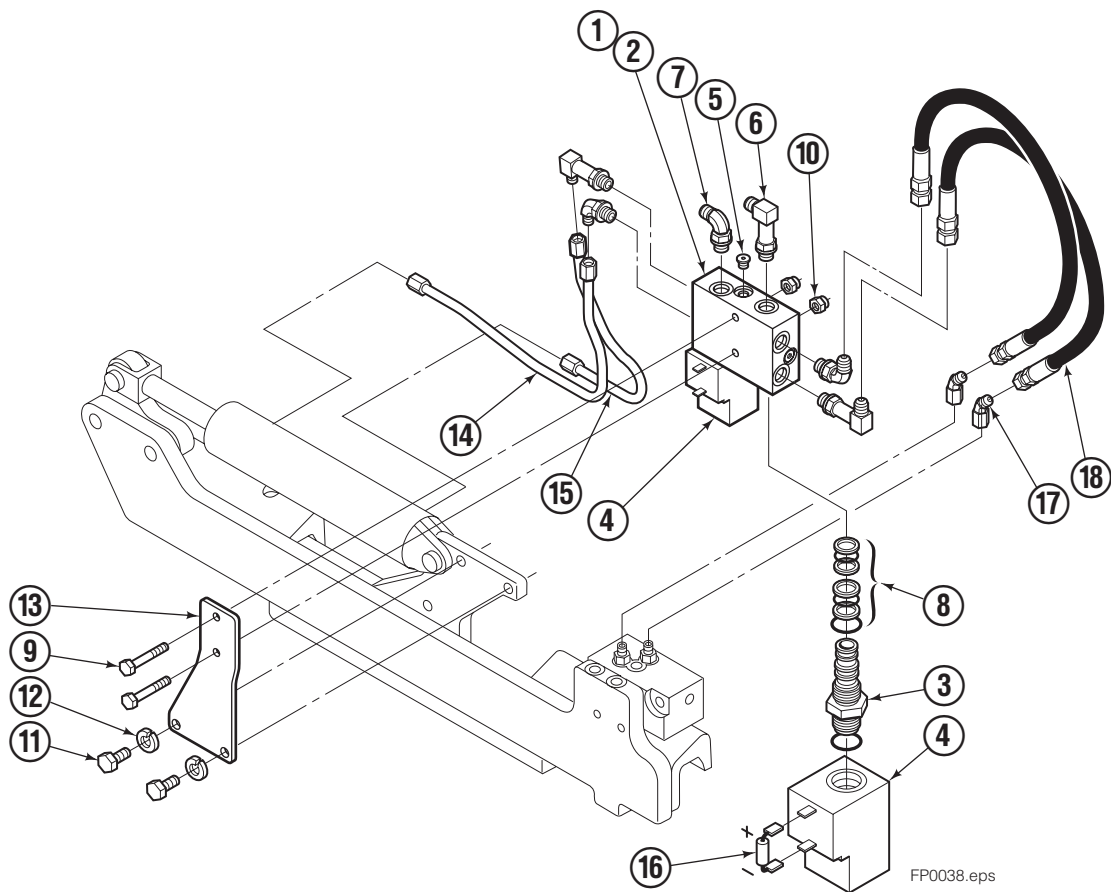


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55F			
REF	QTY	PART NO.	DESCRIPTION
		207307	Sequence Valve Group
1	1	■207305	Sequence Valve
2	1	207306	Valve Body
3	3	604511	Fitting, 6-6
4	2	601676	Fitting, 6-6
5	2	205134	Cartridge-Check Valve
6	2	686503	Cartridge-Sequence Valve
7	5	663694	Fitting, 3
8	1	207304	Fitting, 6-6
9	2	679991	Service Kit
10	2	682170	Service Kit
11	2	768528	Capscrew, M8x1,25x55-8.8
12	2	786881	Lock Nut
13	2	681370	Capscrew
14	2	681238	Lockwasher
15	1	207308	Bracket
16	1	207309	Tube
17	1	207310	Tube
18	2	208609	Hose

■ Includes items 1 through 9.

Solenoid Valve Group

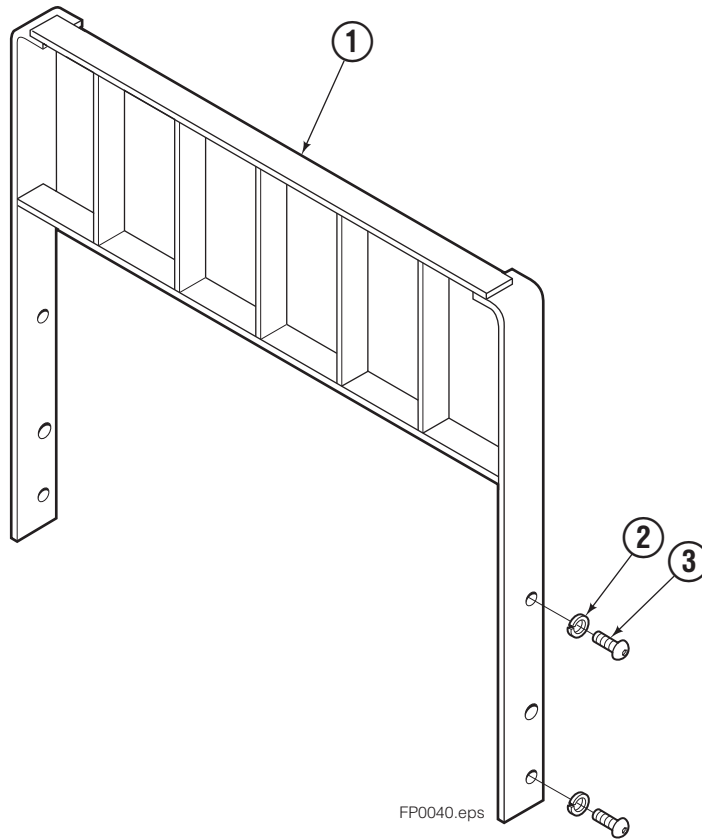


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55F			
REF	QTY	PART NO.	DESCRIPTION
		207311	Solenoid Valve Group
1	1	■207302	Solenoid Valve
2	1	207303	Valve Body
3	2	687305	Solenoid Cartridge
4	2	687306	Coil-12V
4	2	687307	Coil-24V
4	2	687308	Coil-36V
4	2	687309	Coil-48V
4	2	687310	Coil-72V
5	4	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	207312	Tube
15	1	207313	Tube
16	1	669432	Diode
17	2	617922	Fitting, 4-4
18	2	208608	Hose

■ Includes items 1 through 8.

Backrests



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

■ 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" carriage 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 4)	0	1	2
■	Hose (item 4 page 4)	0	1	2
■	Hose (item 5 page 4)	0	1	2
■	Hose (item 6 page 4)	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			
207501	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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