



Parts Manual

Model Double-Wide Fork Positioner

Catalog Number 25A-FPD-A005 R1

cascade®
corporation

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

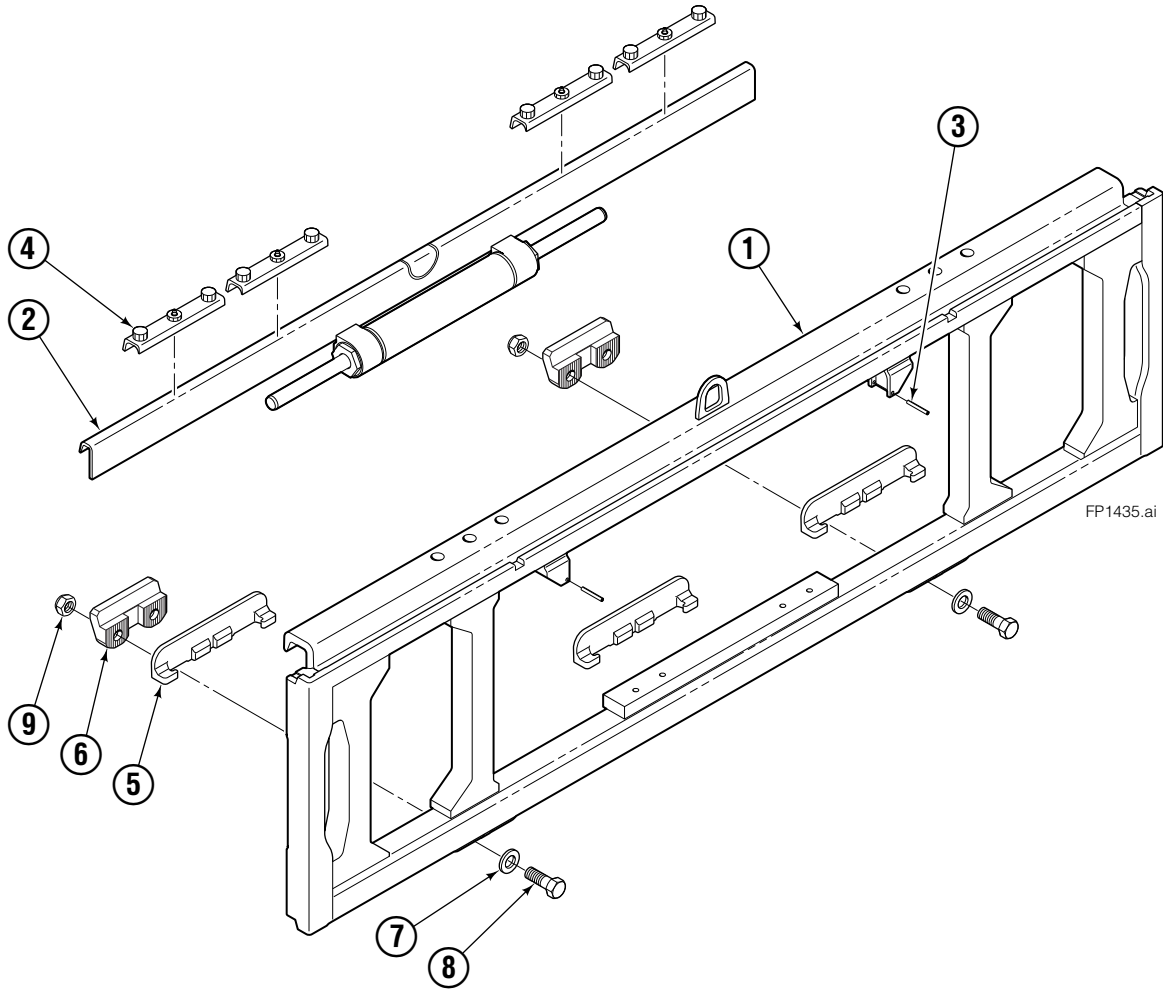
To Order Parts call: 888-227-2233, Fax: 888-329-0234

OR

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

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Sideshift Assembly

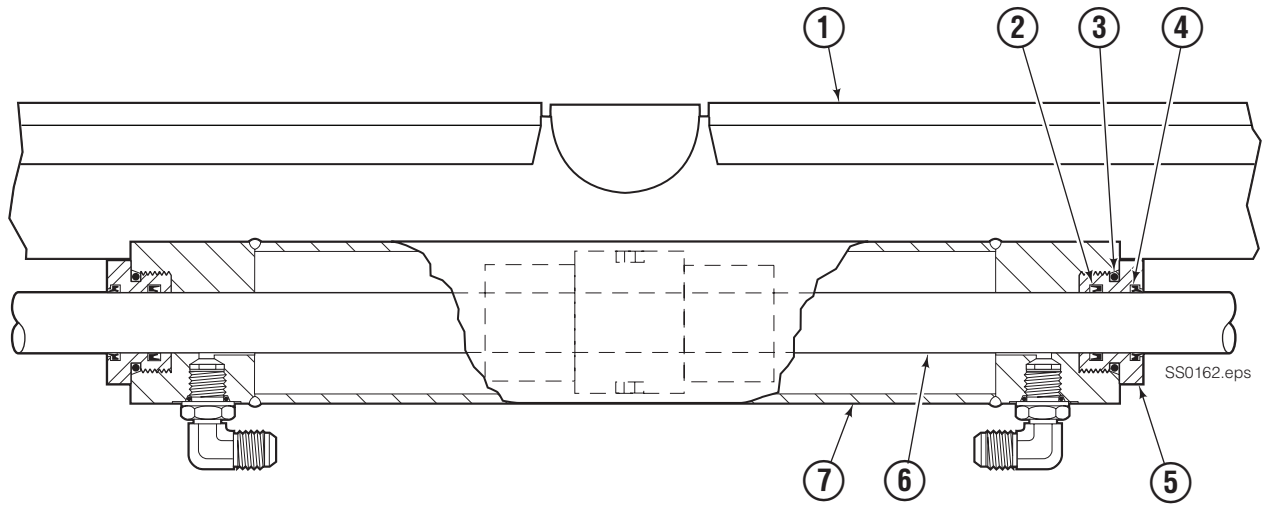


REF	QTY	PART NO.	DESCRIPTION
		6801610	Sideshift Assembly
1	1	6801608	Frame Weldment
2	1	6801609	Cylinder ♦
3	2	7890	Roll Pin
4	4	228782	Upper Bearing
5	3	6000719	Lower Bearing
6	2	204186	Lower Hook
7	4	667225	Washer
8	4	752903	Capscrew, M16 x 45
9	4	678990	Nut, M16
		6000618	Upper Bearing Service Kit

♦ See Cylinder page for parts breakdown.

Reference: Common Parts 219616, Lower Hook Group 204182,
SK-11861, S-24132 Type 2.

Cylinder



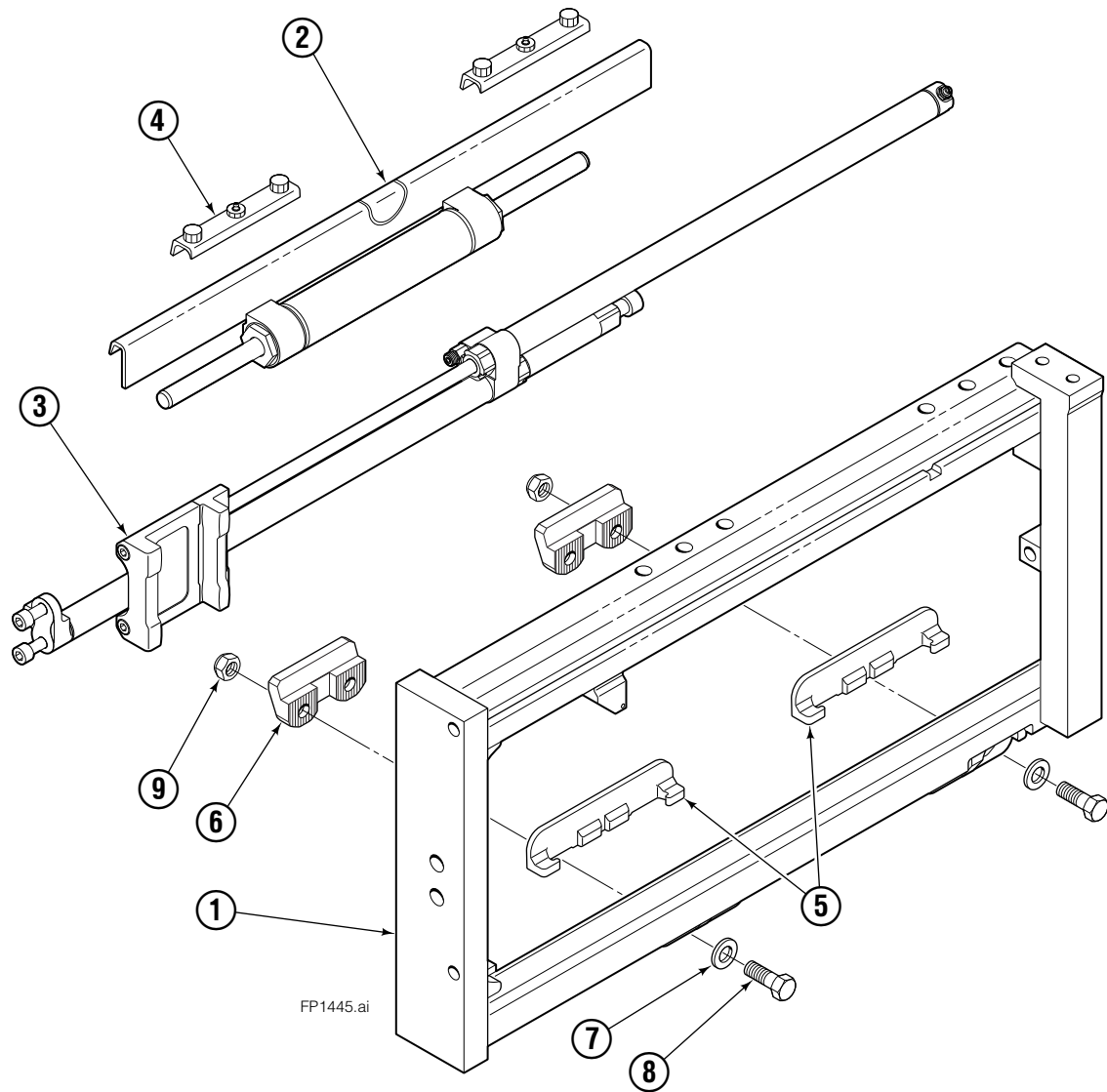
REF	QTY	PART NO.	DESCRIPTION
1	1	6801609	Cylinder
2	2	562132	Rod Seal ●
3	2	415866	O-Ring, 70 Duro ●
4	2	562131	Rod Wiper Seal ●
5	2	218324	Retainer/Seal Carrier
6	-	■	Rod/Piston Assembly
7	-	■	Cylinder Shell
		219868	Rod Seal Service Kit

● Included in Service Kit 219868.

■ Not serviceable, order new Cylinder Assembly.

Reference: S-21006.

Fork Positioner Group – RH



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55K			
REF	QTY	PART NO.	DESCRIPTION
		6801585	Fork Positioner Group – RH
1	1	6801583	Sideshift Frame – RH
2	1	6801584	Cylinder – RH ◆
3	1	6801578	Fork Positioner Assembly ●
4	2	6000616	Upper Bearing
5	2	6000719	Lower Bearing
6	2	228166	Lower Hook ■
7	4	667225	Washer ■
8	4	752903	Capscrew, M16 x 45 ■
	4	639121	Capscrew, 5/8 x 1.50 ■
9	4	678990	Nut, M16 ■
	4	553857	Nut, 5/8 ■

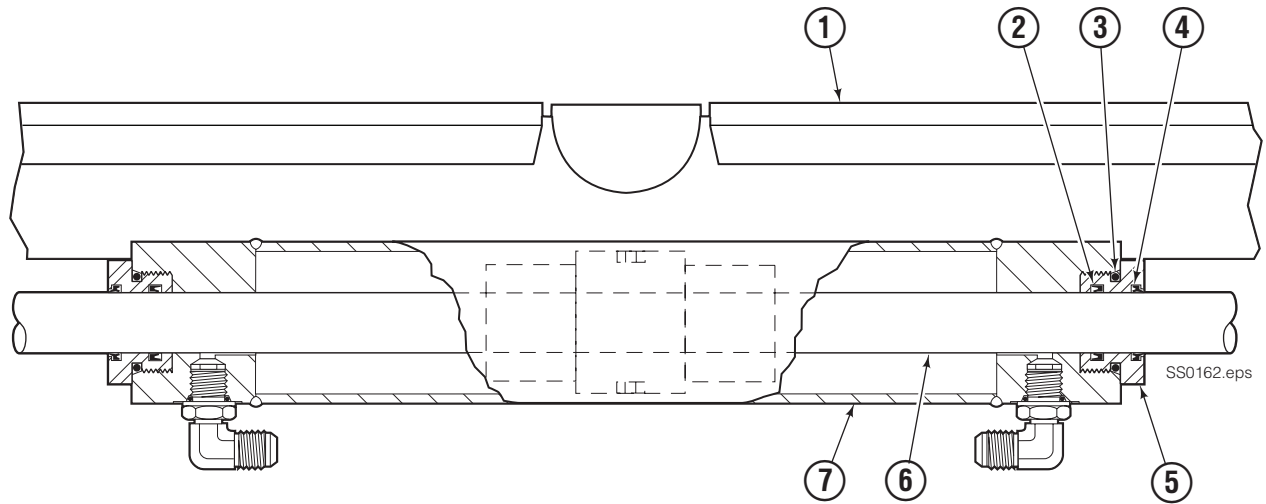
◆ See Cylinder page for parts breakdown.

● See Fork Positioner Assembly page for parts breakdown.

■ Included in Lower Hook Group 228165.

Reference: Common Parts 6801329, SK-11849, S-24130 Type 2.

Cylinder



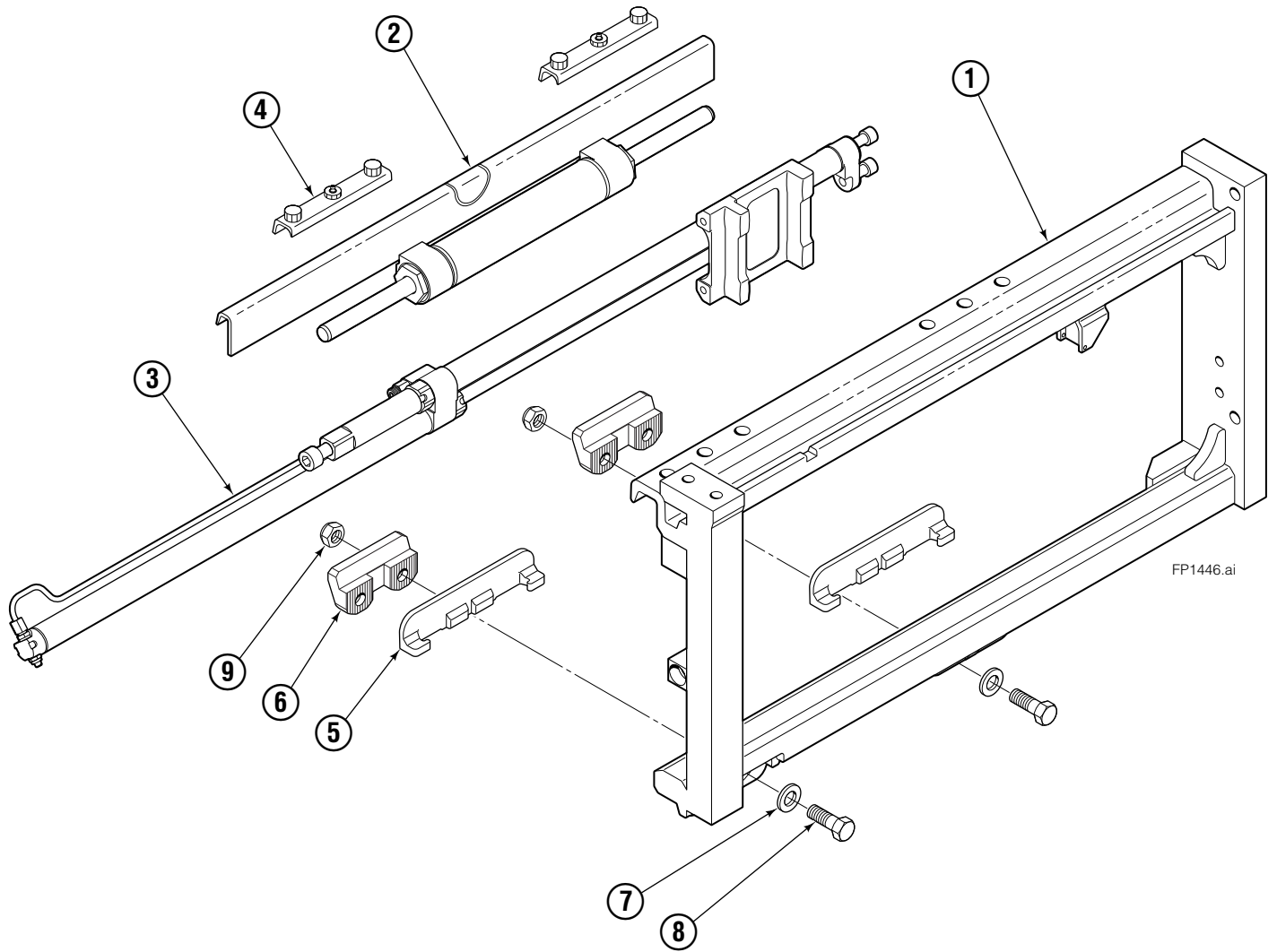
REF	QTY	PART NO.	DESCRIPTION
1	1	6801584	Cylinder
2	2	562132	Rod Seal ●
3	2	415866	O-Ring, 70 Duro ●
4	2	562131	Rod Wiper Seal ●
5	2	218324	Retainer/Seal Carrier
6	-	■	Rod/Piston Assembly
7	-	■	Cylinder Shell
		219868	Rod Seal Service Kit

● Included in Service Kit 219868.

■ Not serviceable, order new Cylinder Assembly.

Reference: S-21006.

Fork Positioner Group – LH



FP1446.ai

55K			
REF	QTY	PART NO.	DESCRIPTION
		6801589	Fork Positioner Group – LH
1	1	6801586	Sideshift Frame – LH
2	1	6801588	Cylinder – LH ◆
3	1	6801578	Fork Positioner Assembly ●
4	2	6000616	Upper Bearing
5	2	6000719	Lower Bearing
6	2	228166	Lower Hook ■
7	4	667225	Washer ■
8	4	752903	Capscrew, M16 x 45 ■
	4	639121	Capscrew, 5/8 x 1.50 ■
9	4	678990	Nut, M16 ■
	4	553857	Nut, 5/8 ■

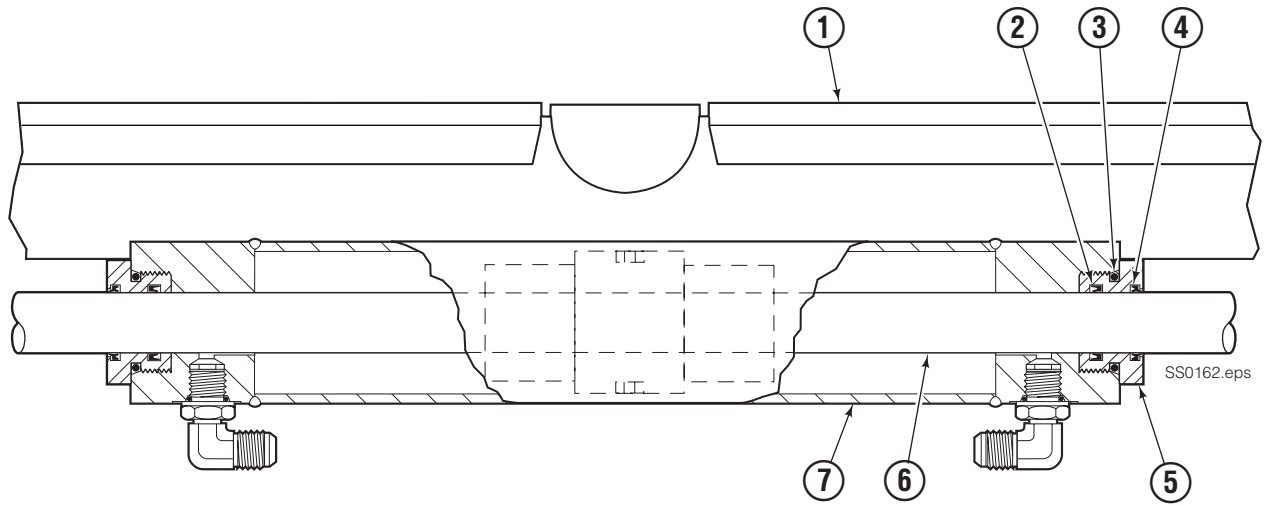
◆ See Cylinder page for parts breakdown.

● See Fork Positioner Assembly page for parts breakdown.

■ Included in Lower Hook Group 228165.

Reference: Common Parts 6801329, SK-11850, S-24131 Type 2.

Cylinder



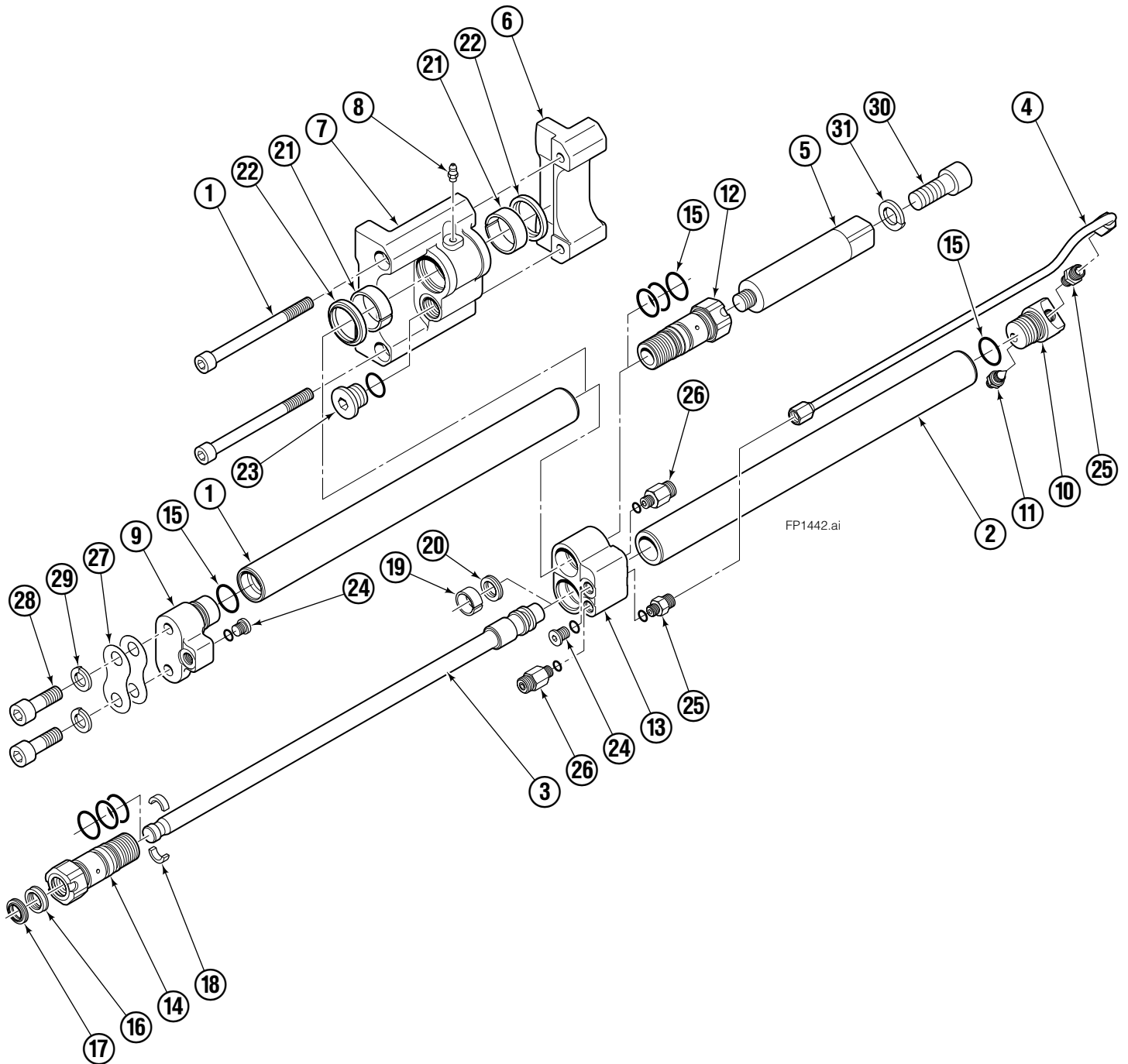
REF	QTY	PART NO.	DESCRIPTION
1	1	6801588	Cylinder
2	2	562132	Rod Seal ●
3	2	415866	O-Ring, 70 Duro ●
4	2	562131	Rod Wiper Seal ●
5	2	218324	Retainer/Seal Carrier
6	-	■	Rod/Piston Assembly
7	-	■	Cylinder Shell
		219868	Rod Seal Service Kit

● Included in Service Kit 219868.

■ Not serviceable, order new Cylinder Assembly.

Reference: S-21006.

Fork Positioner Assembly



Fork Positioner Assembly

55K/65K			
REF	QTY	PART NO.	DESCRIPTION
		6801578	Fork Positioner Assembly
1	1	6801560	Guide Tube (S-22298) ▲
2	1	6801561	Cylinder Shell (S-24122) ▲
3	1	6801575	Cylinder Rod (S-22299) ▲
4	1	6801576	Tube
5	1	6801577	Mounting Bar
6	1	6042443	Fork Carrier, Inner, 80/100 mm Fork
7	1	6042449	Fork Carrier, Outer
8	1	424115	Grease Fitting
9	1	6052709	Cylinder Head End
10	1	6092924	Cylinder Head
11	1	6042658	Restrictor Fitting
12	1	6092923	Retainer
13	1	6043391	Manifold
14	1	6039028	Cylinder Retainer
	1	6055787	Cylinder Retainer w/Seals ◆
15	8	666183	O-Ring, Retainer OD ✖
16	1	6039179	Rod Seal, Retainer ✖
17	1	6039180	Rod Wiper, Retainer ✖
18	2	6042830	Half-Ring Keeper
19	1	6039172	Piston Wear Ring ✖
20	1	6047577	Piston Seal ✖
21	2	6039171	Bearing, Composite ★
22	2	6043341	Shell Wiper ★
23	1	6043316	Rod Retainer Plug
24	2	6043424	Plug, M10
25	2	6042689	Fitting, M10 to 6 mm EO-2
26	2	6053537	Fitting, M10 to No. 4 ORFS ●
27	2	6039245	Shim
28	2	769572	Capscrew, M12 x 35 ■
29	2	684660	Lockwasher, M12 ■
30	1	769575	Capscrew, M16 x 40 ■
31	1	787386	Lockwasher, M16 ■
32	2	768824	Capscrew, M10 x 120

▲ If cylinder shell or rod needs replacing due to bending damage, order complete Fork Positioner Assembly.

◆ Includes items 15-17.

✖ Included in Cylinder Service Kit 6055389.

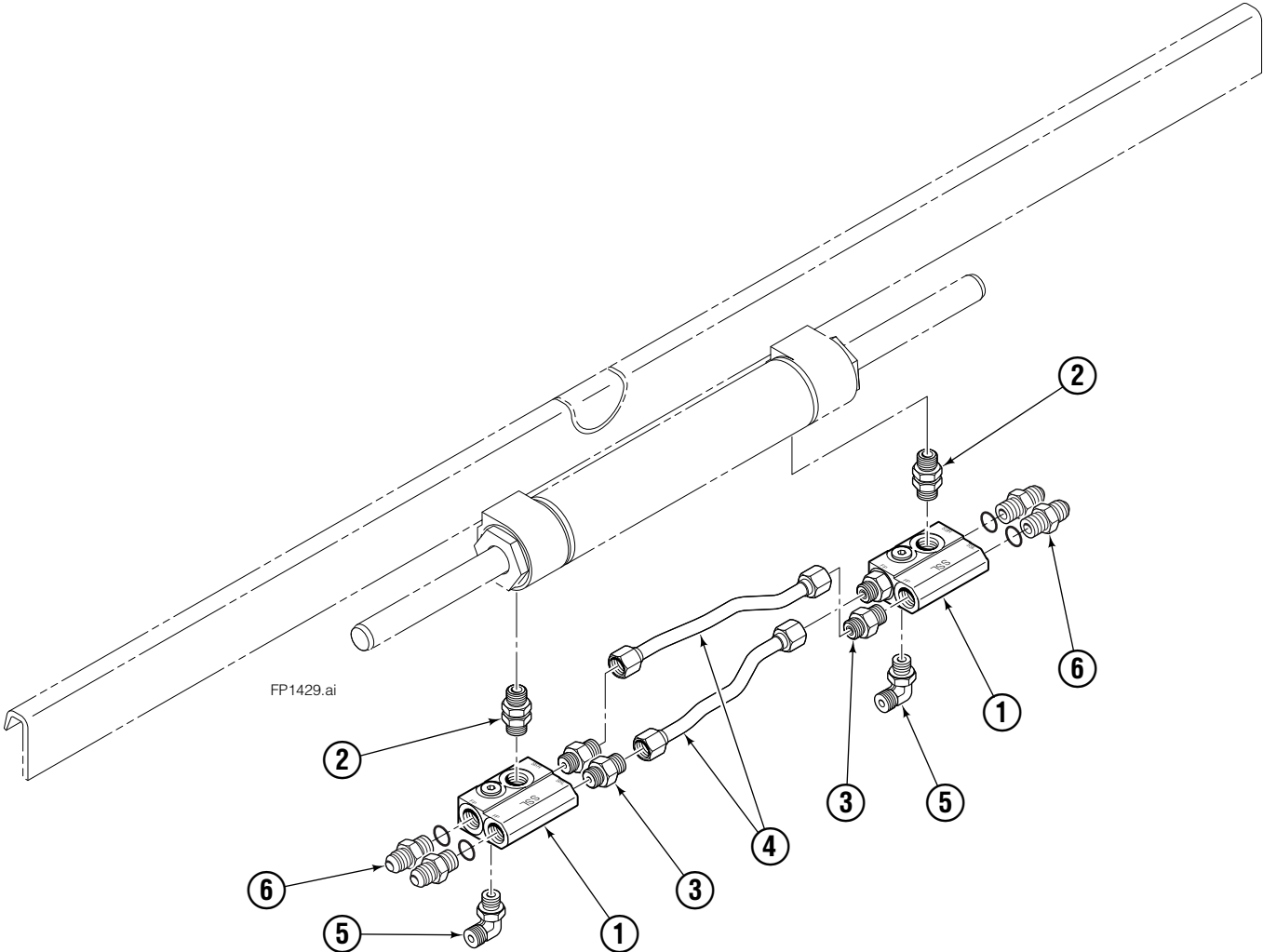
★ Included in Composite Bearing Service Kit 6055390.

● Included in Fitting Group 6053538.

■ Included in Mounting Kit 6098279.

Reference: Common Parts 6098415, SK-11652.

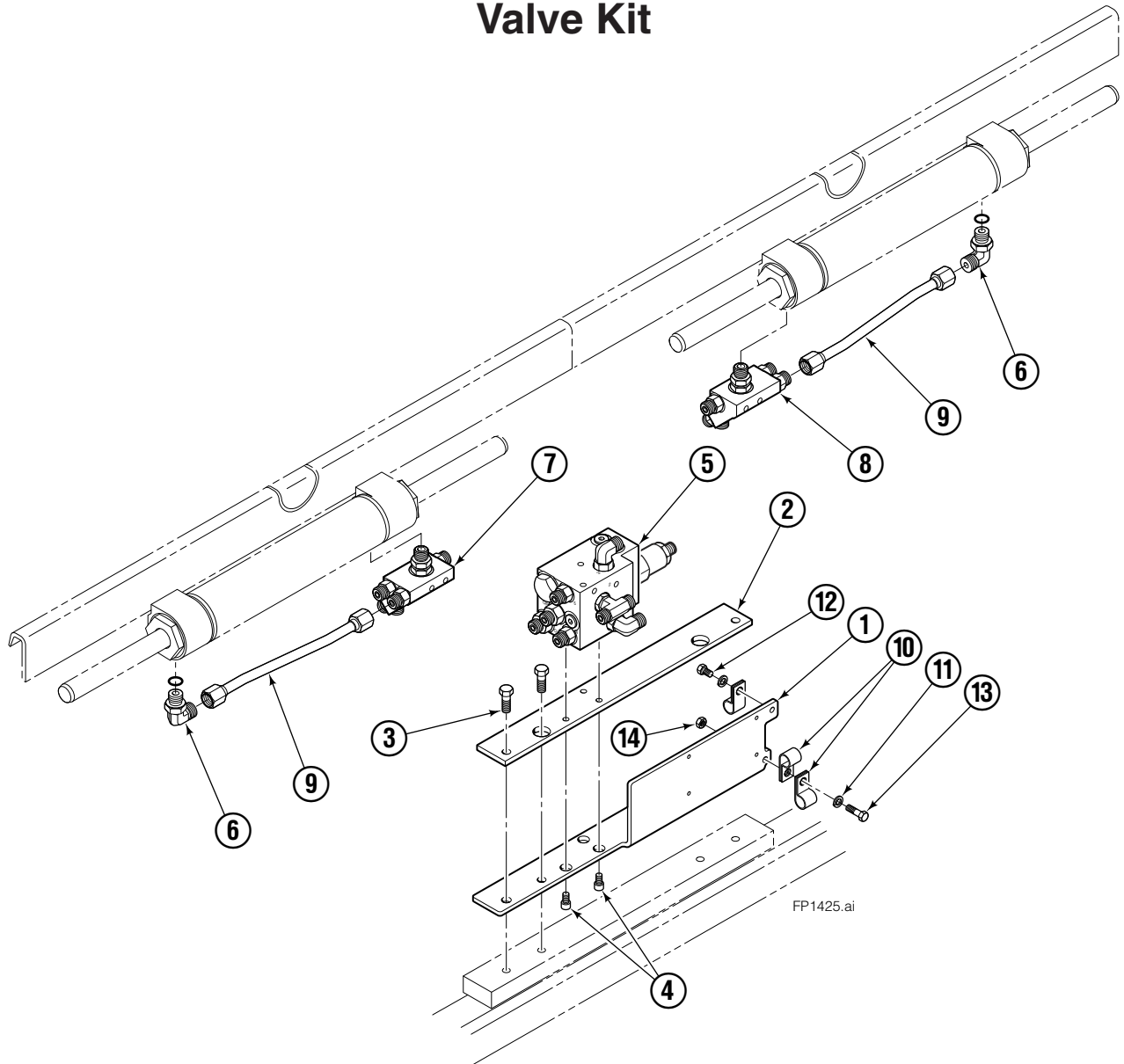
Installation Group



55K/65K			
REF	QTY	PART NO.	DESCRIPTION
		6098224	Installation Group
1	2	6095261	Valve Assembly
2	2	201671	Fitting, 6-6
3	4	220569	Fitting, 4-6
4	2	6095232	Tube
5	2	6053490	Fitting, 4-4
6	1	604511	Fitting, 6-6 ♦

♦ Included in Fitting Group 6098404.

Valve Kit

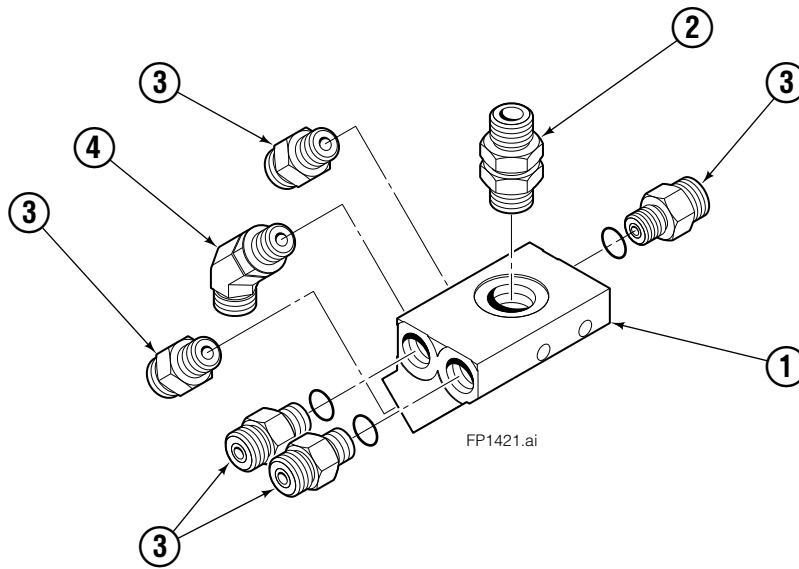


55K/65K			
REF	QTY	PART NO.	DESCRIPTION
		6097972	Valve Kit
1	1	6098081	Guard Plate
2	1	6098099	Mounting Plate
3	4	6405323	Capscrew, M8 x 22
4	3	768785	Capscrew, M6 x 10
5	1	6097379	Valve Assembly ♦
6	2	211807	Fitting, 4-6
7	1	6097846	Manifold – RH ●
8	1	6097940	Manifold – LH ●
9	2	6097963	Tube
10	3	6083500	Hose Clamp
11	2	787388	Lockwasher, M6
12	1	753159	Capscrew, M6 x 10
13	1	763169	Capscrew, M6 x 20
14	1	765718	Nut, M6

♦ See Valve Assembly page for parts breakdown.

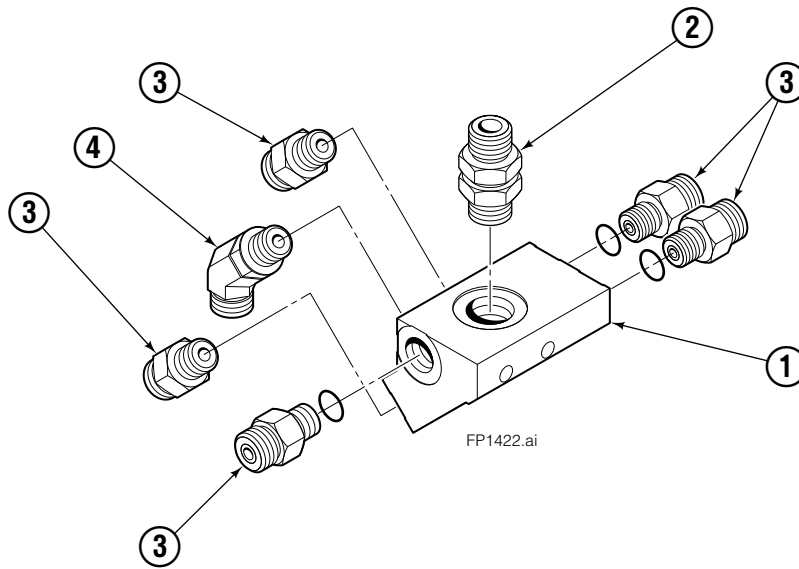
● See Manifold Assembly page for parts breakdown.

Manifold Assembly – RH



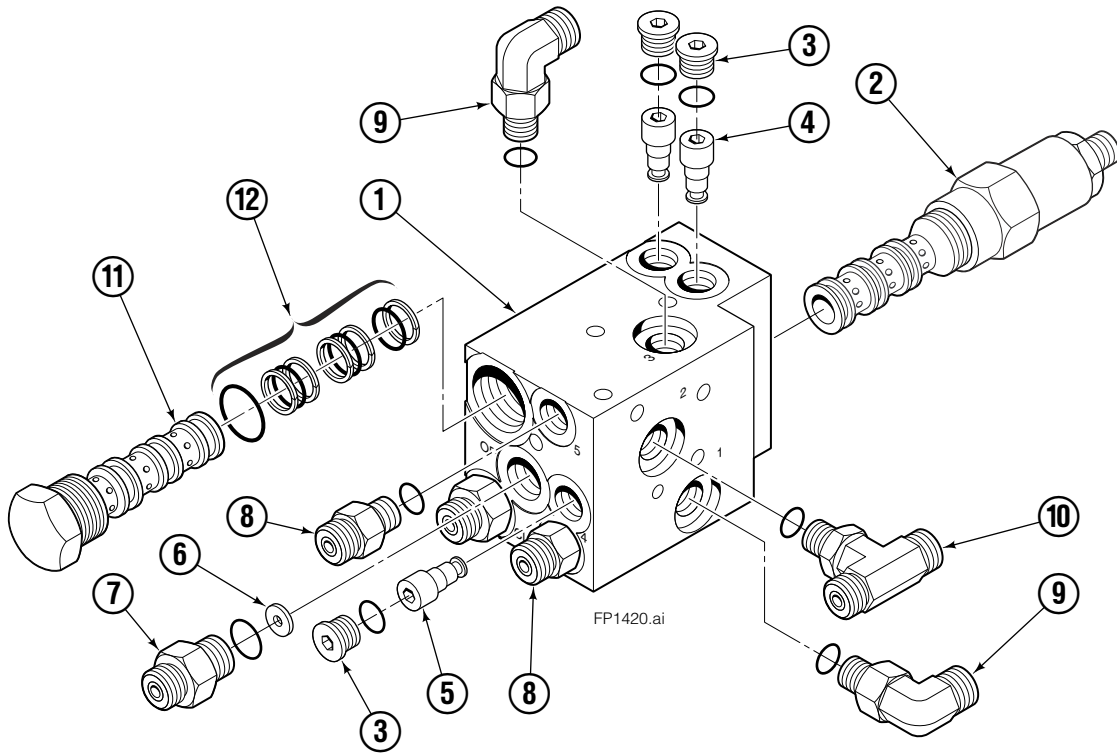
55K/65K			
REF	QTY	PART NO.	DESCRIPTION
		6097846	Manifold Assembly – RH
1	1	6097845	Manifold Block
2	1	201671	Fitting, 6-6
3	5	6053489	Fitting, 4-4
4	1	6097860	Fitting, 4-4

Manifold Assembly – LH



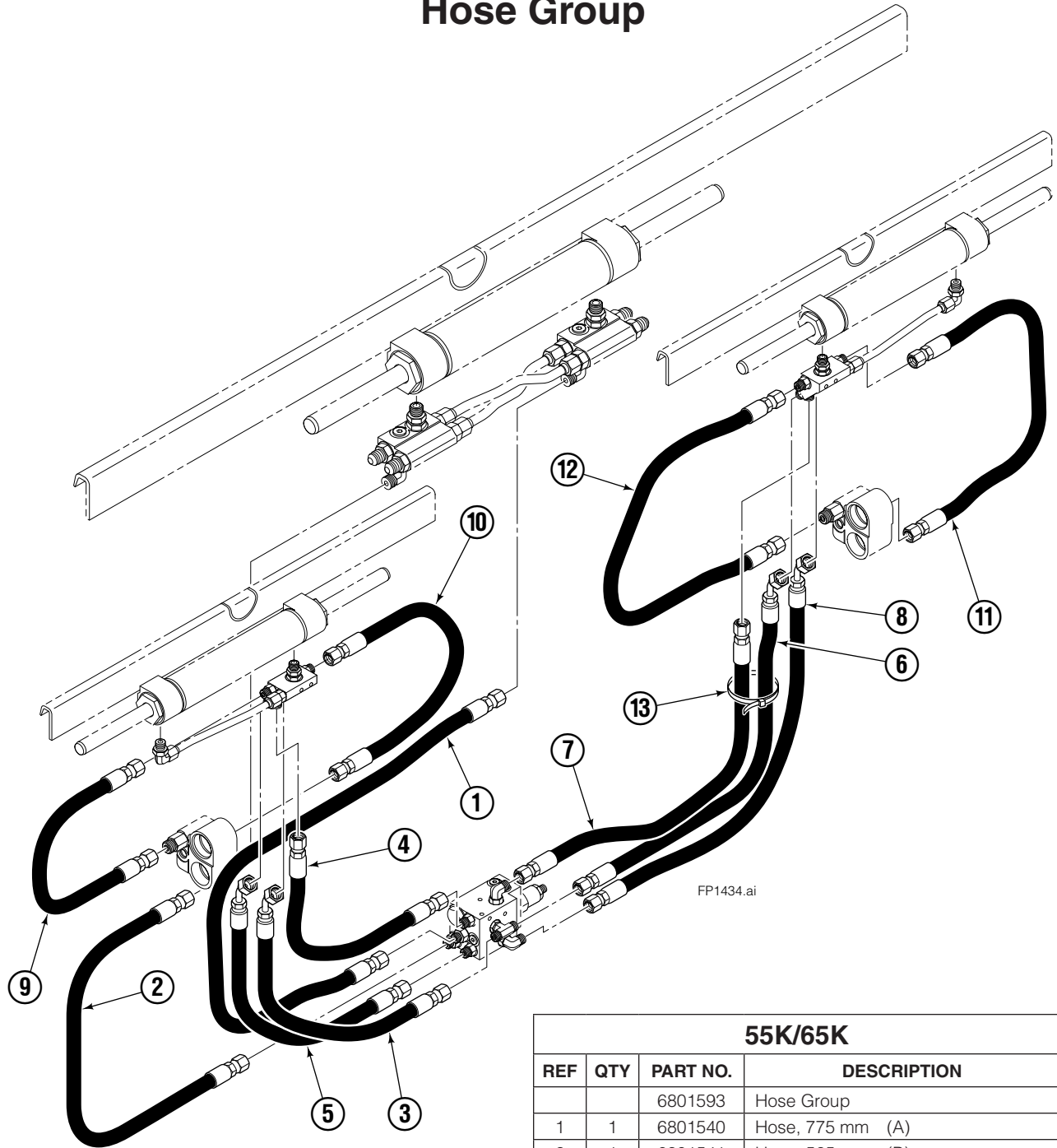
55K/65K			
REF	QTY	PART NO.	DESCRIPTION
		6097940	Manifold Assembly – LH
1	1	6097939	Manifold Block
2	1	201671	Fitting, 6-6
3	5	6053489	Fitting, 4-4
4	1	6097860	Fitting, 4-4

Sequence Valve Assembly



65K			
REF	QTY	PART NO.	DESCRIPTION
		6097379	Valve Assembly
1	1	6097380	Valve Body
2	1	6092633	Sequence Cartridge
3	3	609234	Plug, 4
4	2	6057940	Check Valve Cartridge
5	1	220865	Shuttle Valve Cartridge
6	2	564226	Restrictor Washer
7	2	220569	Fitting, 4-6
8	2	6053489	Fitting, 4-4
9	2	6053490	Fitting, 4-4
10	1	6097876	Fitting, 4-4
11	1	210266	Flow Divider/Combiner Cartridge
12	1	6071170	Seal Kit

Hose Group

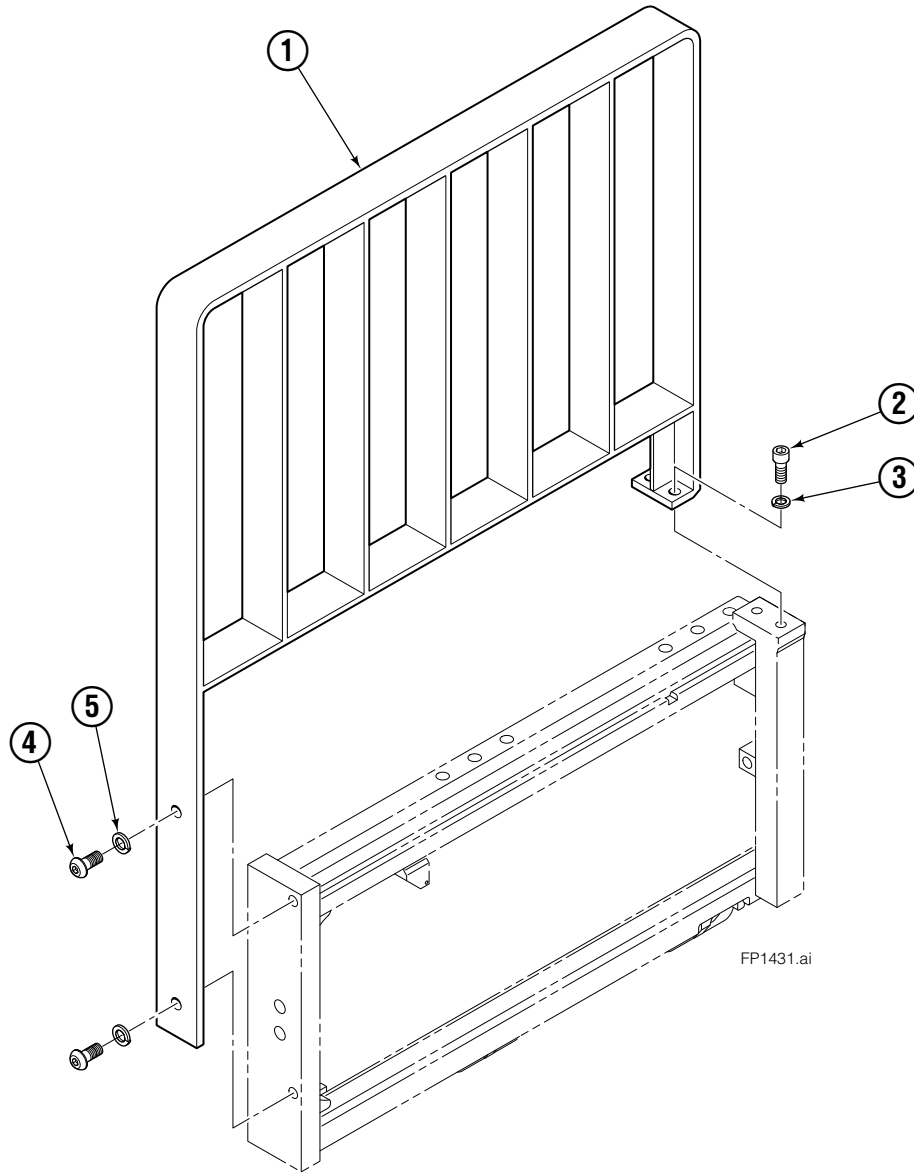


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55K/65K			
REF	QTY	PART NO.	DESCRIPTION
		6801593	Hose Group
1	1	6801540	Hose, 775 mm (A)
2	1	6801541	Hose, 525 mm (B)
3	1	6801542	Hose, 350 mm (C)
4	1	6801543	Hose, 325 mm (D)
5	1	6801544	Hose, 400 mm (E)
6	1	6801545	Hose, 525 mm (F)
7	1	6801546	Hose, 450 mm (G)
8	1	6801545	Hose, 525 mm (H)
9	1	6801591	Hose, 525 mm (J)
10	1	6801591	Hose, 525 mm (K)
11	1	6801592	Hose, 575 mm (L)
12	1	6801592	Hose, 575 mm (M)
13	5	200343	Cable Tie

Reference: SK-11812.

Backrest



55K/65K				
REF	QTY	PART NO.	DESCRIPTION	
1	2	6801590	Backrest Weldment	
2	2	200173	Capscrew, M16 x 35 ◆	
3	2	684586	Lockwasher, M16 ◆	
4	2	6405535	Capscrew, M14 x 35 ◆	
5	2	6406255	Lockwasher, M14 ◆	

◆ Included in Mounting Group 6098400.
Reference: S-23951

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