



Parts Manual

Model 150H Fork Positioner

Serial Number 150H-FPS-181

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

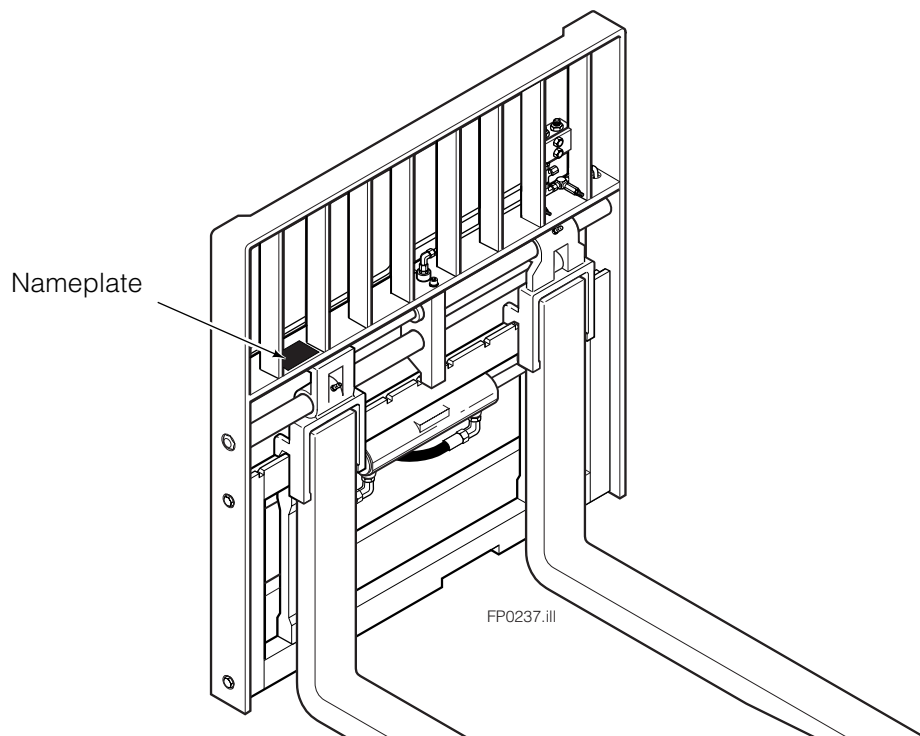
Write: Cascade Corporation, P.O. Box 20187, Portland, OR 97220

Internet: www.cascorp.com

About This Manual

Introduction

This Manual shows the parts breakdown for the 150H Fork Positioner. Locate the nameplate on the left side of the backrest. If the nameplate is missing all necessary information is stamped into the backrest at the same location. The serial number must be supplied when ordering replacement parts for this product.



Ordering Parts

Customers – Cascade parts and service literature is available through authorized lift truck dealers. To place an order, contact the lift truck dealer of your choice.

Lift Truck Dealers – To order parts and service literature contact:

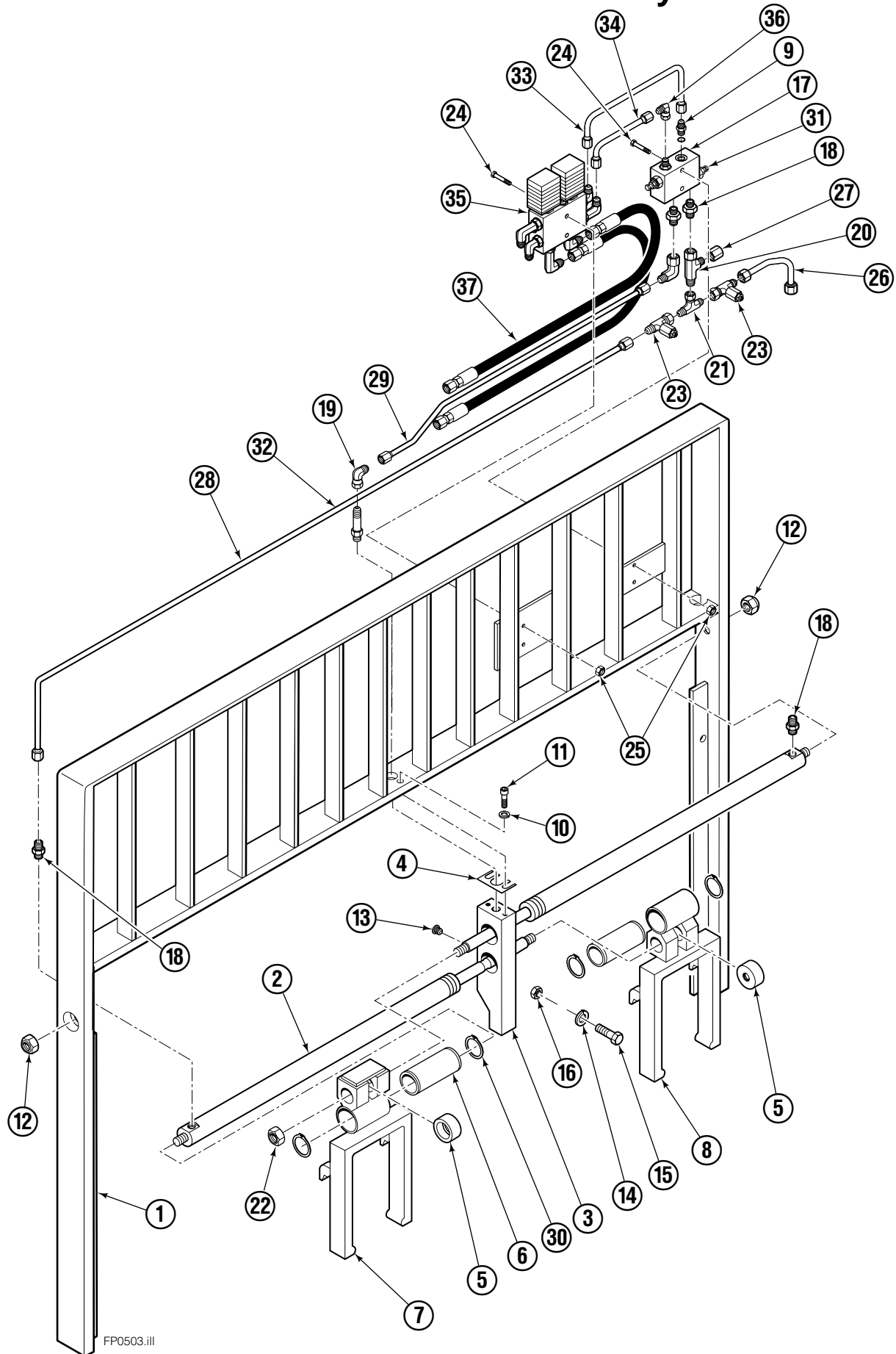
Cascade Parts Sales

2501 Sheridan Avenue
Springfield, OH 45505
Tel: 888-CAS-CADE (227-2233)
FAX: 888-329-0234



WARNING: For the safety of yourself and others, DO NOT install the parts shown in this Manual unless you have thoroughly reviewed the appropriate Service Manual.

Fork Positioner Assembly



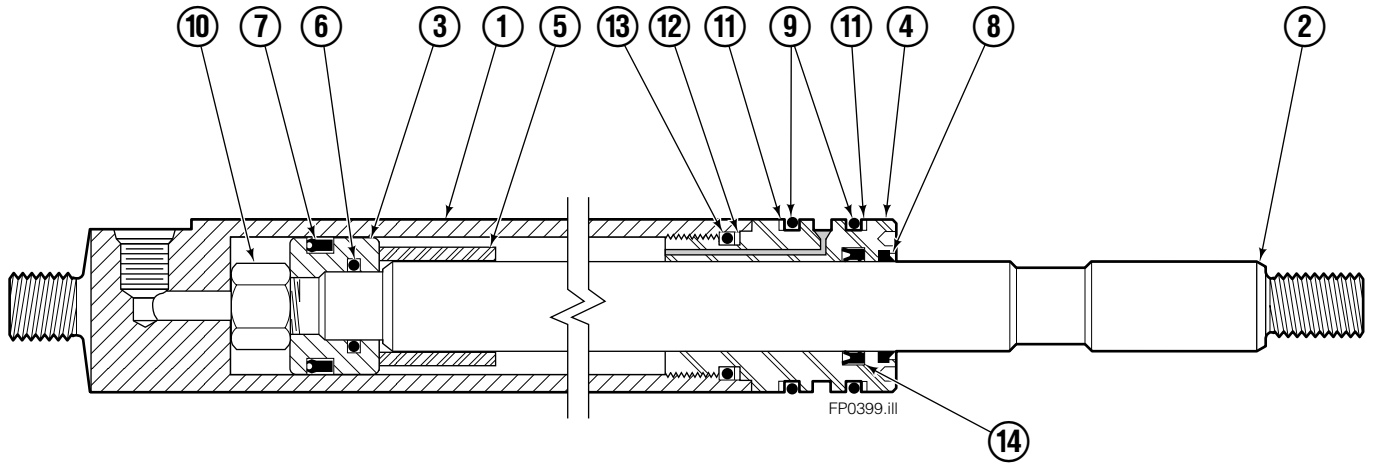
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Fork Postioner Assembly

150H			
REF	QTY	PART NO.	DESCRIPTION
		6109770	Fork Positioner Assembly
1	1	6109775	Frame
2	2	6102037	Cylinder ◆
3	1	6101808	Center Plate
4	1	6007060	Shim
5	2	6006682	Lug
6	2	6006759	Bushing
7	1	6006894	Fork Carrier – RH
8	1	6006879	Fork Carrier – LH
9	2	604511	Fitting, 6-6
10	2	680030	Lockwasher, M10
11	2	217933	Capscrew, M10 x 45
12	2	200244	Nut, .75
13	1	604510	Plug, 6
14	4	683822	Lockwasher, M12
15	4	202407	Capscrew, M12 x 60
16	4	763025	Nut, M12
17	1	215919	Valve Body
18	4	611288	Fitting, 6-8
19	2	2680	Fitting, 6-6
20	1	611329	Fitting, 6-6
21	1	610892	Fitting, 6-6
22	2	200006	Nut, .625
23	2	6009677	Restrictor Fitting
24	4	768528	Capscrew, M8 x 55
25	4	786881	Nut, M8
26	1	6009745	Tube
27	1	2645	Nut, 6
28	1	6102038	Tube
29	1	6102039	Tube
30	4	3154	Snap Ring
31	2	211223	Sun Valve
32	1	605743	Fitting, 6-6
33	1	6103451	Tube
34	1	6103450	Tube
35	1	207302	Valve ●
36	1	601676	Fitting, 6-6
37	2	204114	Hose, 82"

- ◆ See Cylinder page for parts breakdown.
- See Valve page for parts breakdown.

Cylinder

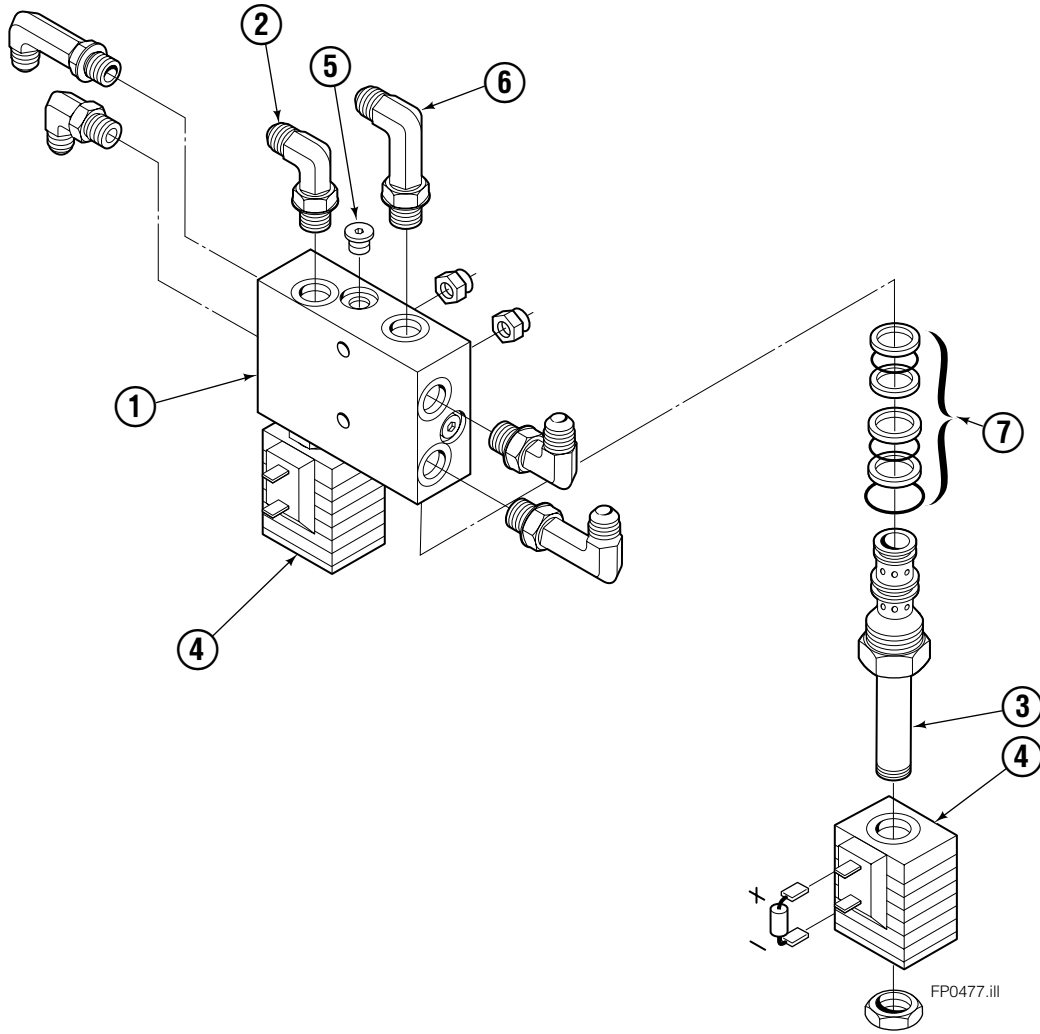


150H			
REF	QTY	PART NO.	DESCRIPTION
		6102037	Cylinder Assembly
1	1	6102042	Shell
2	1	6102043	Rod
3	1	6006925	Piston
4	1	6006966	Retainer
5	1	6006924	Spacer
6	1	2708	● O-Ring
7	1	663728	● Piston Seal
8	1	636851	● Wiper
9	2	2784	● O-Ring
10	1	667623	Nut, .625
11	2	615127	● Back Up Ring
12	1	615125	● Back Up Ring
13	1	2721	● O-Ring
14	1	6010310	● Rod Seal
		6100214	Service Kit

● Included in Service Kit 6100214.

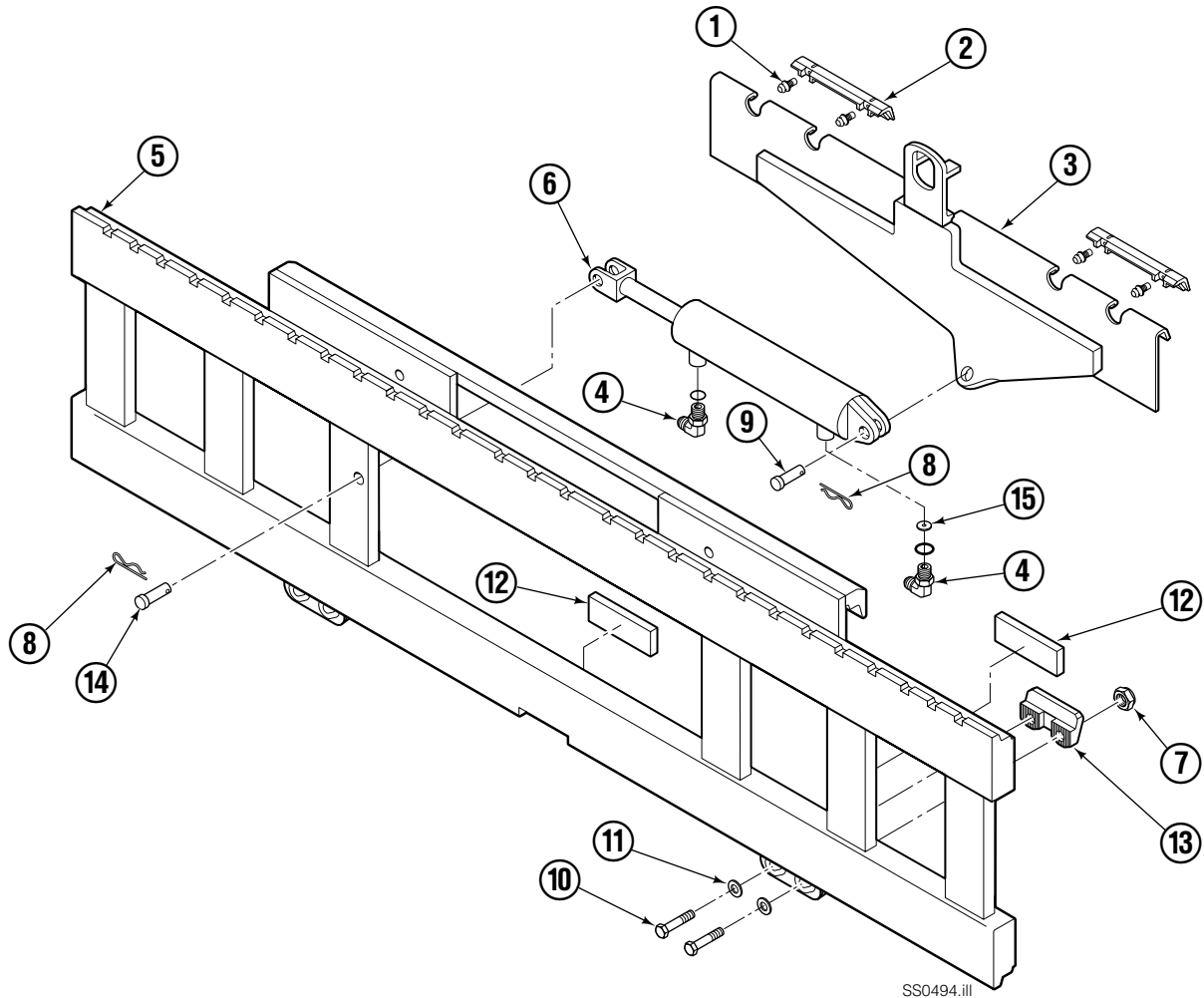
Reference: S-21126, S-21132.

Solenoid Valve



55F			
REF	QTY	PART NO.	DESCRIPTION
		207302	Solenoid Valve
1	1	207303	Valve Body
2	3	601676	Fitting, 6-6
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	1	679991	Service Kit

Sideshifter Assembly



SS0494.ill

150D

REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
		6109071	Sideshifter Assembly	9	1	686215	● Clevis Pin
1	4	7403	Grease Fitting	10	4	752903	◆ Capscrew, M16 x 45
2	2	672018	Bearing Segment	11	4	667225	◆ Washer
3	1	686238	Anchor Bracket	12	2	208350	Lower Bearing
4	2	601676	● Fitting, 6-6	13	2	6004779	◆ Lower Hook
5	1	6102054	Faceplate ■	14	1	686214	● Clevis Pin
6	1	686243	Cylinder ▲	15	1	6024818	● Washer - Restrictor
7	4	678990	◆ Nut			672022	Service Kit - Items 1 & 2
8	2	686217	● Cotter Pin				

■ If the Faceplate needs replacing, your best value is to order the complete Sideshifter Assembly.

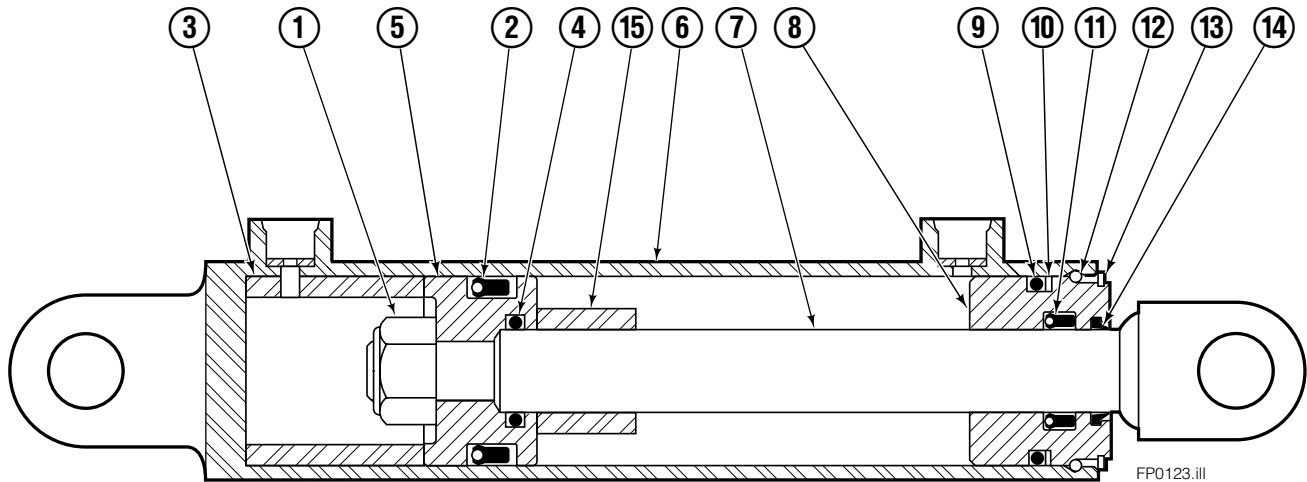
▲ See Cylinder page for parts breakdown.

● Included in Common Parts 6100729.

◆ Included in Lower Hook Group 6106298.

Reference: S-21039, R-5.

Sideshift Cylinder



REF	QTY	PART NO.	DESCRIPTION
		686243	Cylinder Assembly
1	1	561012	Nut
2	1	662457	■ Seal
3	1	564562	Spacer – Head
4	1	2718	■ O-Ring
5	1	561427	Piston
6	1	561419	Shell
7	1	561422	Rod
8	1	561428	Retainer
9	1	2791	■ O-Ring
10	1	615134	■ Back-up Ring
11	1	662449	■ Seal
12	1	561429	Retaining Ring
13	1	7215	Snap Ring
14	1	626468	■ Wiper
15	1	---	Spacer – Rod
		561430	Service Kit

■ Included in Service Kit 561430.
Ref: S-6053, S-6054.

Do you have questions you need answered right now? Call your nearest Cascade Parts Department. Visit us online at www.cascorp.com

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