



# Parts Manual

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Model 45E Load Push

Serial Number 45E-PLB-182

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**cascade**<sup>®</sup>  
**corporation**

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

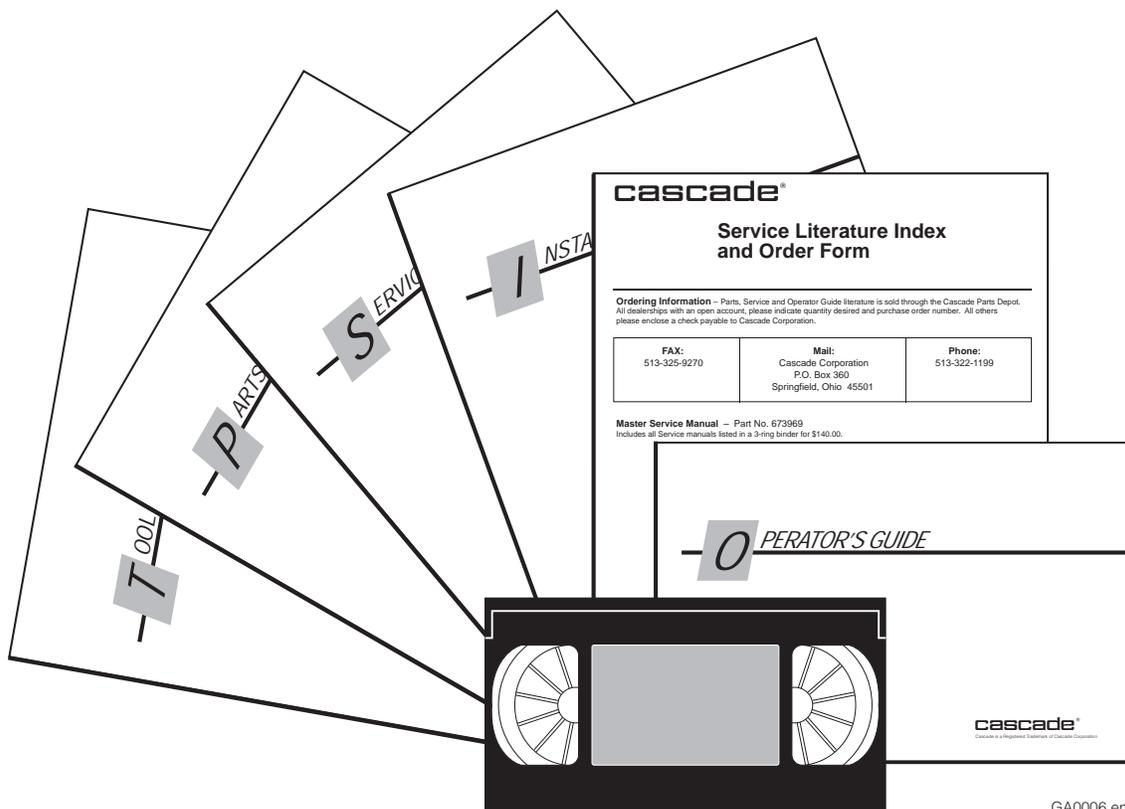
**To Order Parts call:** 888-227-2233, Fax: 888-329-0234

**OR**

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

**Internet:** [www.cascorp.com](http://www.cascorp.com)

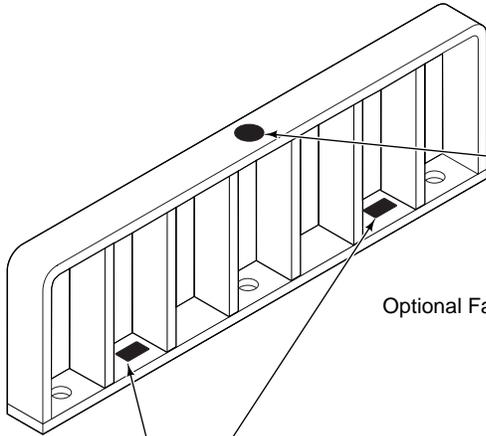
# Publications



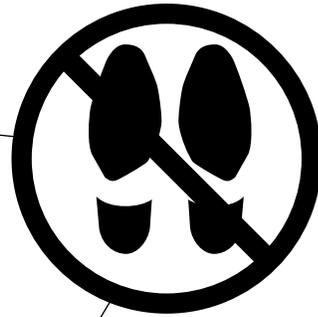
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PART NO.	DESCRIPTION
	Parts Manual
686455	Service Manual
684945	Operators Guide
685531	Operators Pocket Guide
684944	Installation Instructions
680664	Servicing Cascade Cylinders-VHS
679929	Tool Catalog
673964	Literature Index Order Form

# Decals



Optional Faceplate Extension



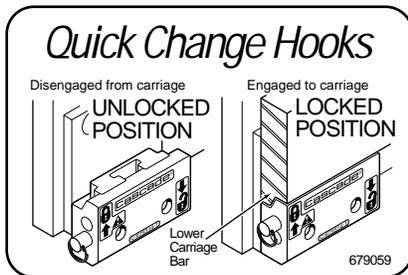
Part No. 679150  
(1 Place & 1 optional)



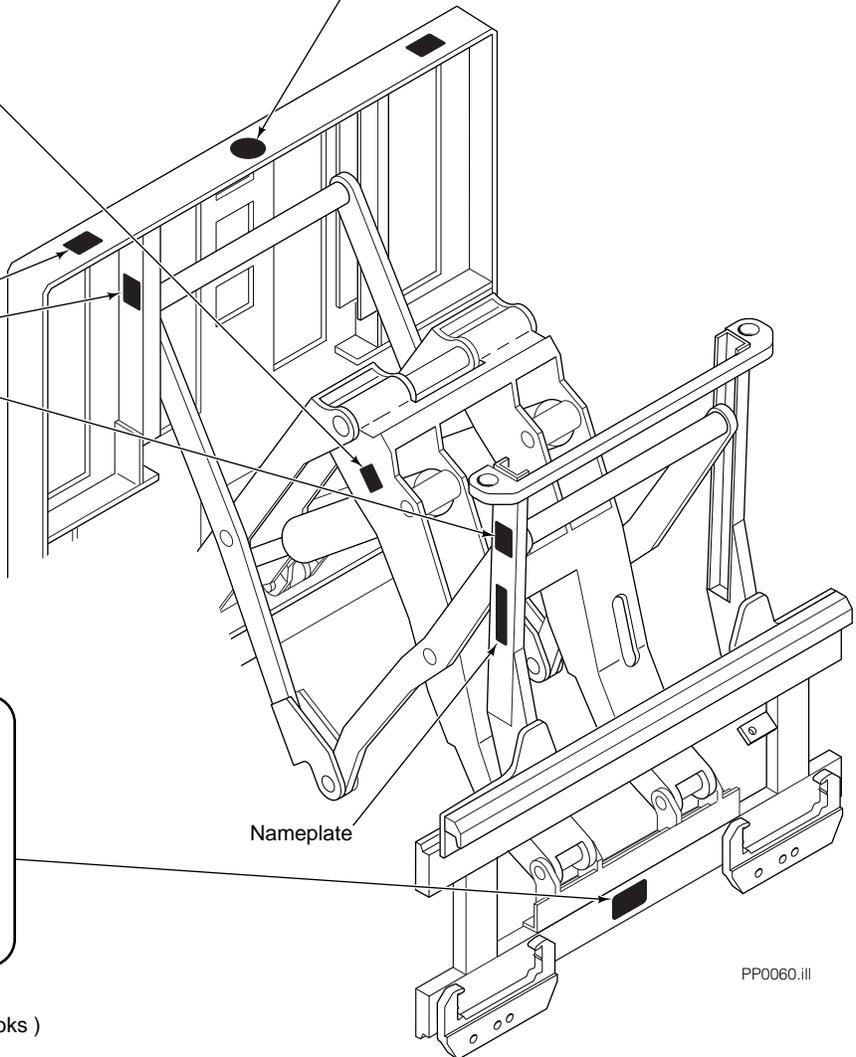
Part No. 665595  
(2 Place & 2 optional)



Part No. 656038  
(6 Places)



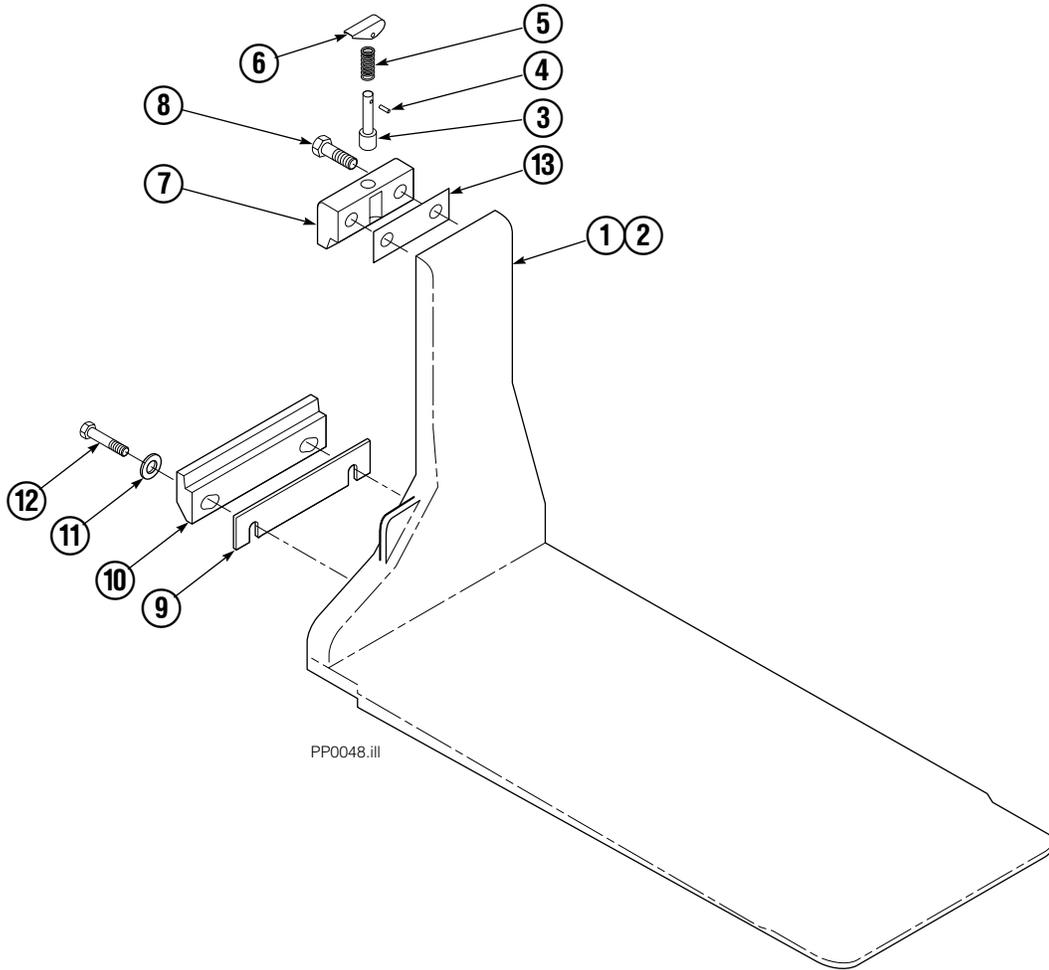
Part No. 679059  
(1 Place if equipped with Quick Change Hooks)



Nameplate

PP0060.iii

# Platens



**Note:** Usable platen lengths are determined by measuring from the faceplate (fully retracted position) to the platen tip or total platen length minus 4 1/2".

REF	QTY	PART NO.	DESCRIPTION
		6022179	Platen Group
1	1	6022180	Platen L. H.
2	1	6022181	Platen R. H.
3	2	622907	■ Pin
4	2	8007	■ Rivet
5	2	622908	■ Spring
6	2	622897	■ Handle
7	2	685533	■ Upper Hook
8	4	685677	Capscrew, M16 x 45
9	★	682858	Shim
10	2	682851	Lower Hook
11	4	667225	Washer
12	4	209016	Capscrew, M16 x 35
13	●	688379	Shim

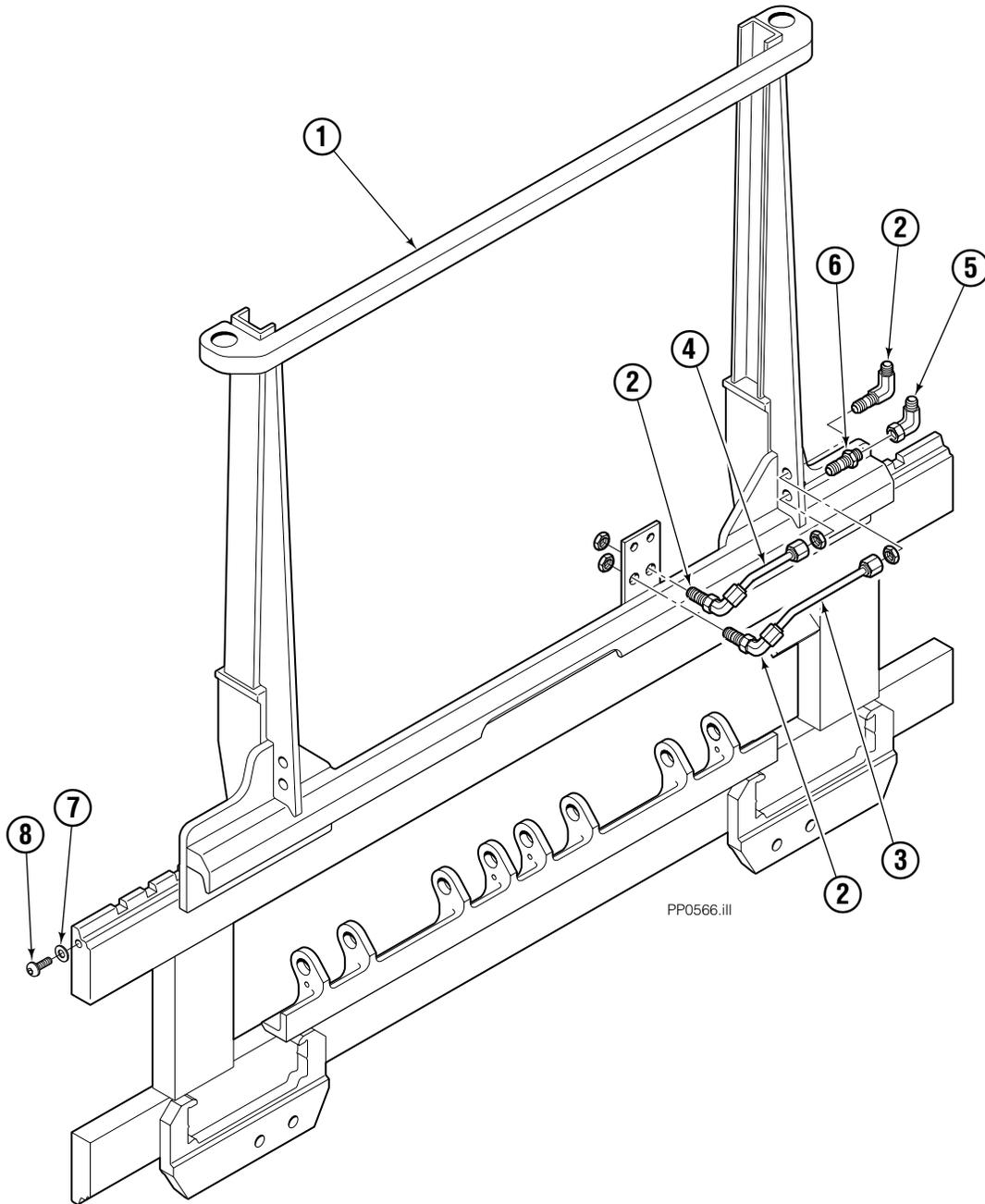
★ As required.

● As required (2 maximum)

■ Included in Upper Hook Assembly 688386.

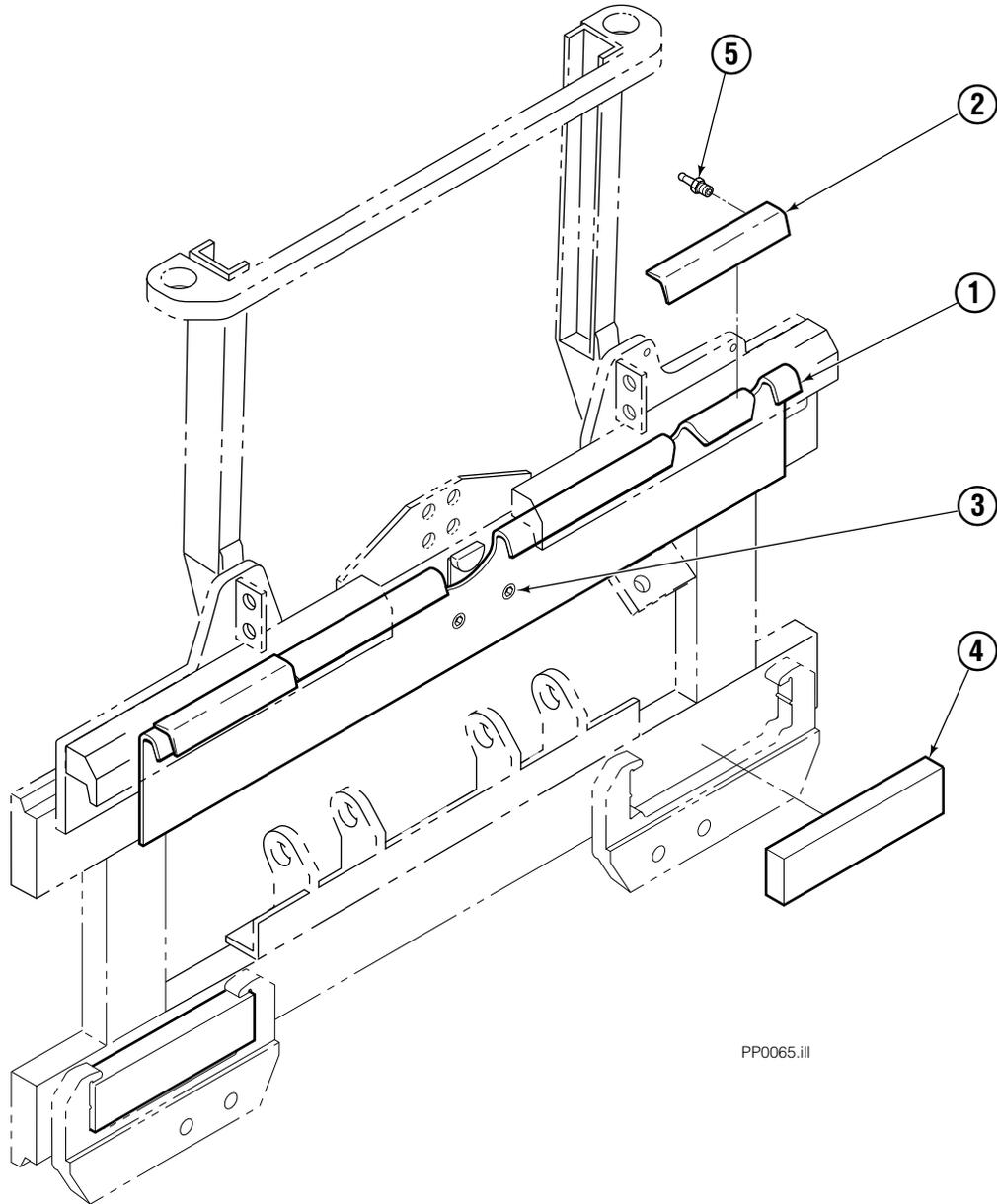
Ref: S-3408

# Frame Group ITA II



35E/45E			
REF	QTY	PART NO.	DESCRIPTION
		385530	Frame Group ITA II
1	1	385531	Frame
2	3	2453	Fitting, 6-6
3	1	201376	Tube
4	1	201375	Tube
5	1	2680	Fitting, 6-6
6	1	2375	Fitting, 6-6
7	2	683001	Washer
8	2	683142	Capscrew, M12 x 20

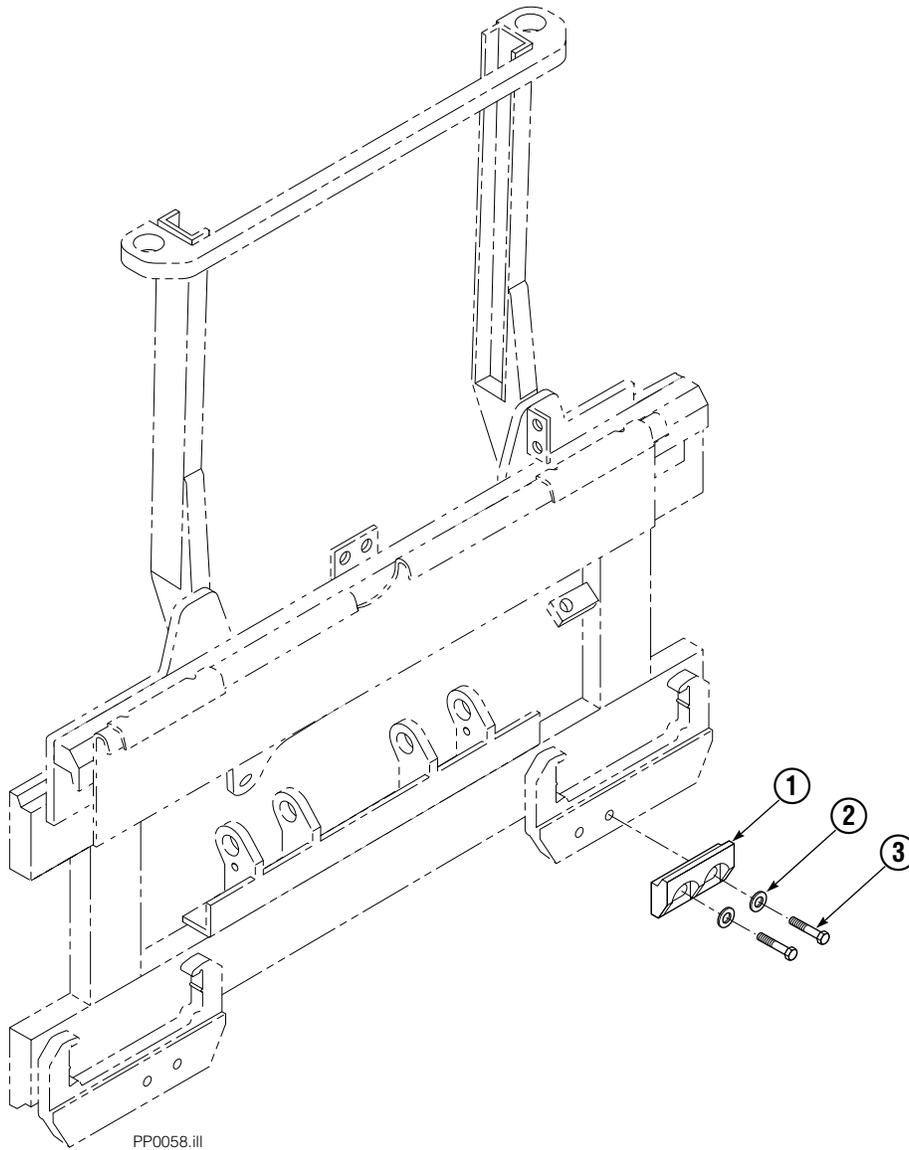
# Non S/S Mounting Group ITA II



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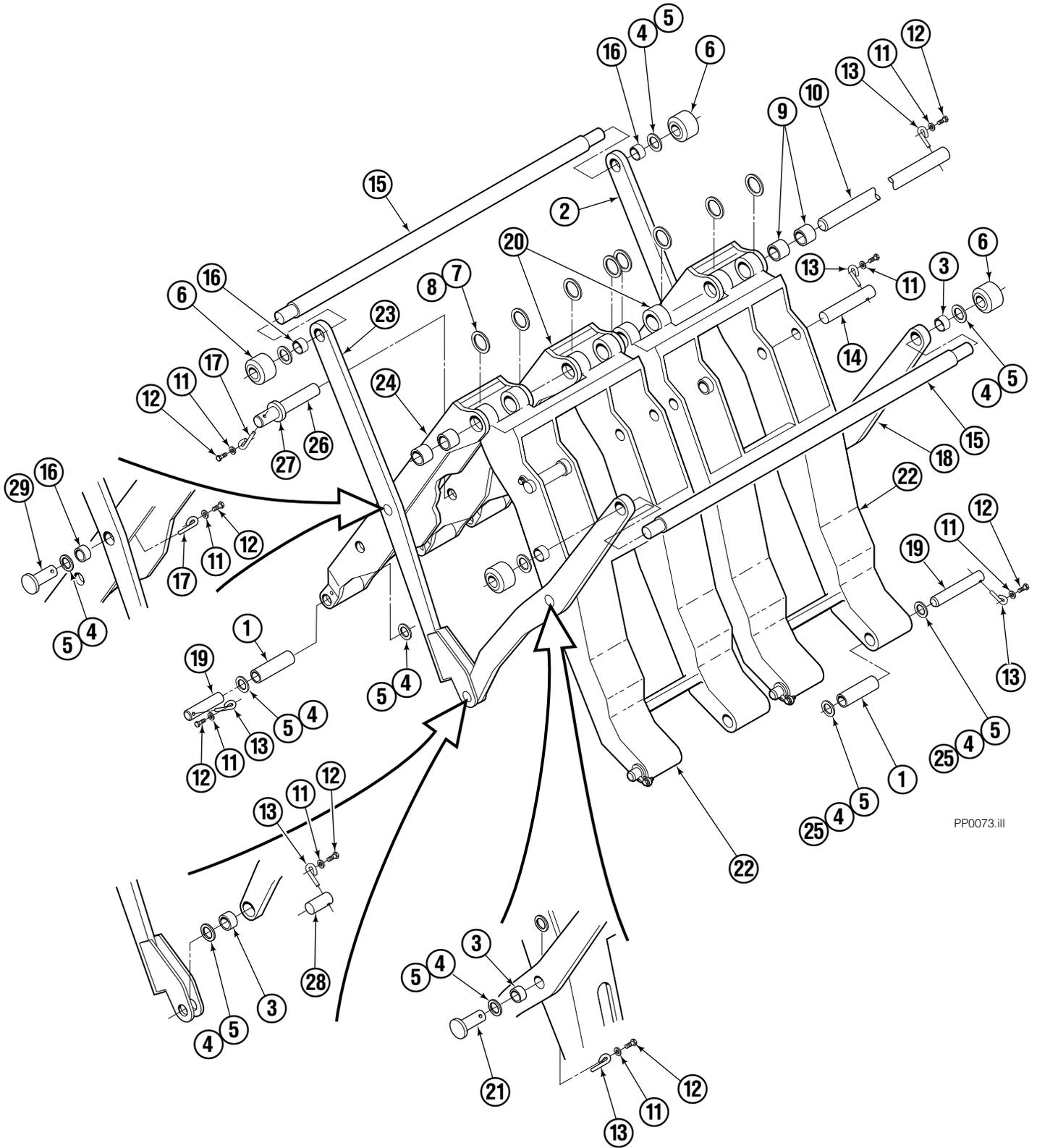
35E/45E			
REF	QTY	PART NO.	DESCRIPTION
		688836	Mounting Group-58" Wide
1	1	200316	Anchor Bracket-58" Wide
2	2	671165	Bearing Segment
3	2	768759	Setscrew
4	2	682814	Bearing
5	4	7403	Grease Fitting

# Bolt-On Lower Hook Group ITA II



REF	QTY	PART NO.	DESCRIPTION
		683178	Lower Hook Group ITA II
1	2	679360	Hook
2	4	667225	Washer
3	4	779010	Capscrew

# Mechanism Group



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# Mechanism Group

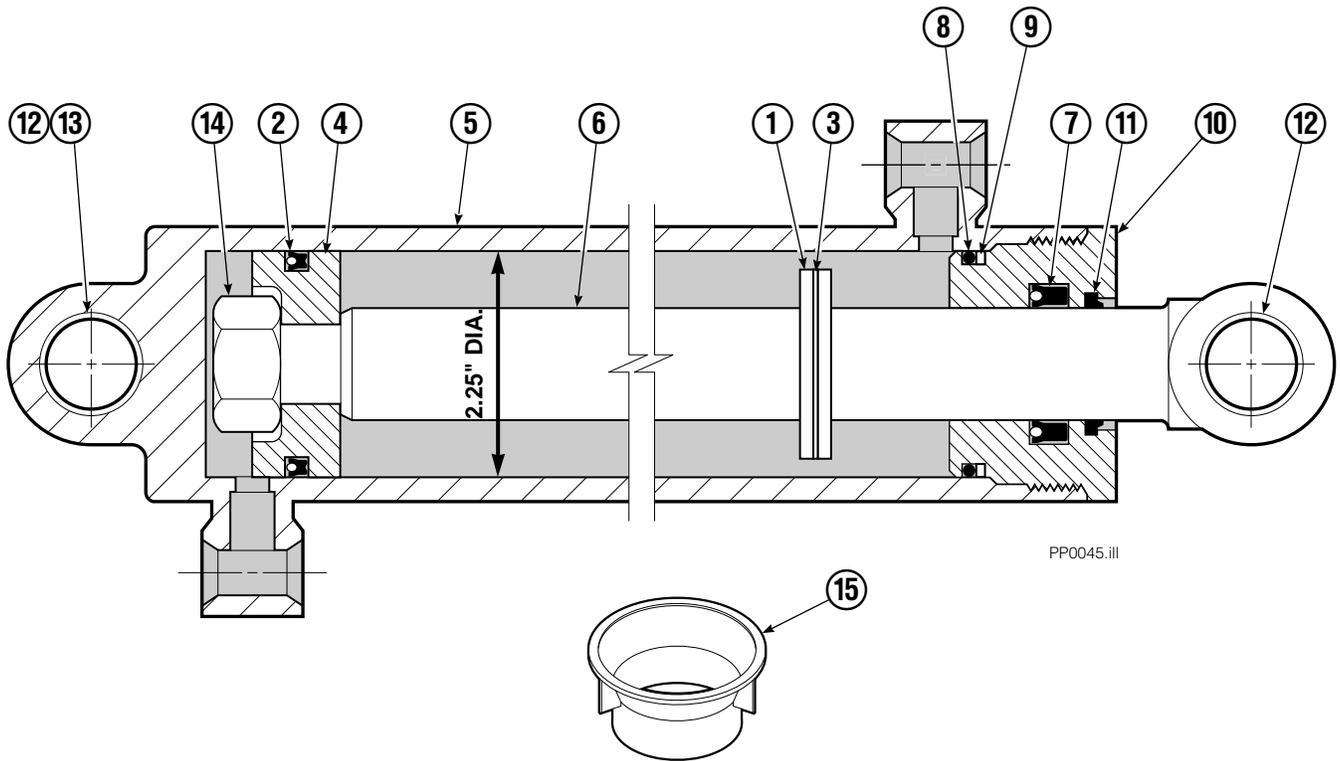
35E/45E			
REF	QTY	PART NO	DESCRIPTION
		363124	Mechanism Group
1	7	204535	Bushing ■
2	1	204692	Arm-Secondary Outer RH
3	6	683153	Bushing
4	●	683161	Shim
5	●	683162	Shim
6	4	205070	Roller
7	●	683163	Shim
8	●	683164	Shim
9	8	683155	Bushing ■
10	1	204596	Pin
11	19	6229	Washer
12	19	685661	Capscrew, M8x1.25x14-8.8
13	15	689954	Eye-Pin
14	2	682822	Pin-Head
15	2	363126	Pin
16	4	683154	Bushing ■
17	4	689954	Eye-Pin
18	2	204694	Arm-Outer Primary
19	7	204533	Pin-Frame
20	2	204691	Arm-Inner Secondary RH
21	2	204695	Pin-Primary Outer
22	2	204604	Arm-Inner Primary
23	1	204693	Arm-Secondary Outer LH
24	1	204690	Arm-Inner Secondary LH
25	●	204532	Shim
26	2	682823	Pin-Rod
27	2	683165	Spacer
28	2	204696	Pin-Outer
29	2	204695	Pin-Secondary Outer

● Quantity as required.

■ Included in Service Kit 205077.

Reference: Arm Group 363127.

# Cylinder

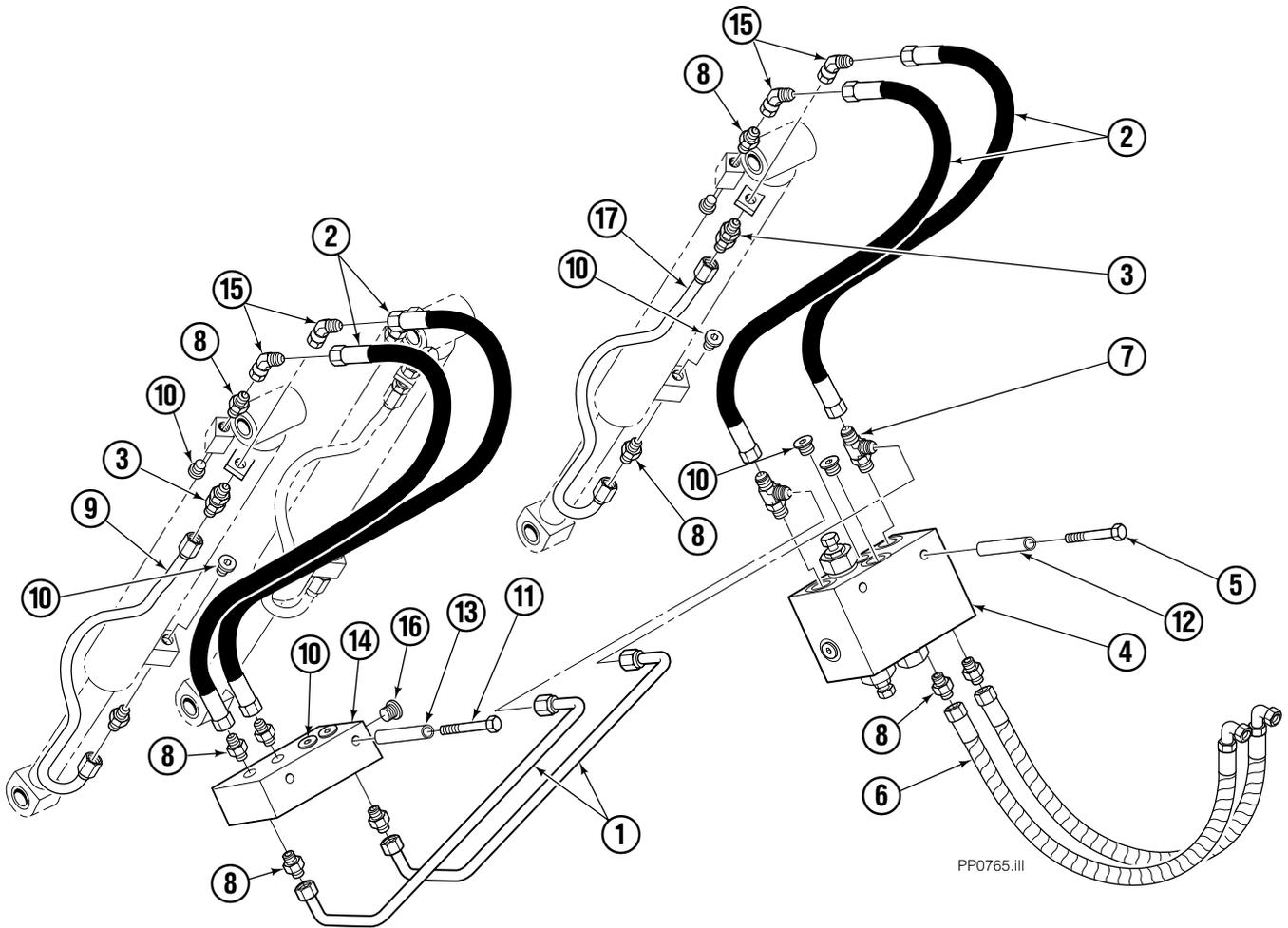


REF	QTY	PART NO.	DESCRIPTION
		582636	Cylinder Assembly
1	1	—	Spacer
2	1	564159	Seal ■
3	1	7348	Snap Ring
4	1	564161	Piston
5	1	562717	Shell
6	1	558626	Rod
7	1	662448	Seal ■
8	1	2787	O-Ring ■
9	1	615130	Back-Up Ring ■
10	1	558628	Retainer
11	1	636853	Wiper ■
12	4	559697	Bearing
13	1	559698	Spacer
14	1	678019	Nut
15	1	671048	Seal Loader Kit ■

■ Included in Service Kit 562339.

Reference: S-3424.

# Hydraulic Group

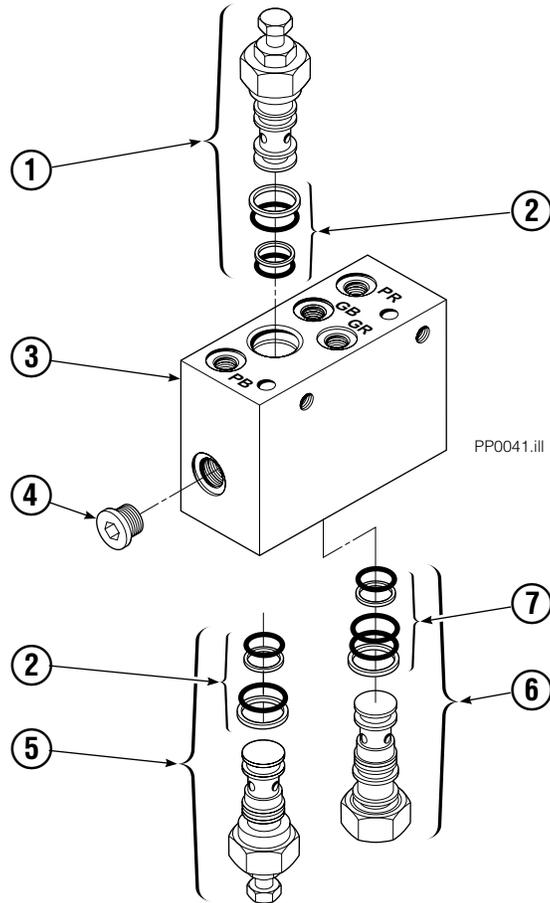


45E							
REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
		6022480	Hydraulic Group	9	1	682995	Tube
1	2	351621	Tube	10	8	604510	Plug, 6
2	4	683173	Hose	11	2	768528	Capscrew, M8 x 55
3	2	2375	Fitting, 6-6	12	2	353621	Spacer
4	1	682812	Valve ▲	13	2	353620	Spacer
5	2	768525	Capscrew, M8 x 40	14	1	200372	Junction Block
6	2	685980	Hose	15	4	605230	Fitting, 6
7	2	611307	Fitting, 6-6	16	2	663694	Fitting, 3
8	12	604511	Fitting, 6-6	17	1	200647	Tube

▲ See Valve page for parts breakdown.  
Reference: Components Group 6022483.

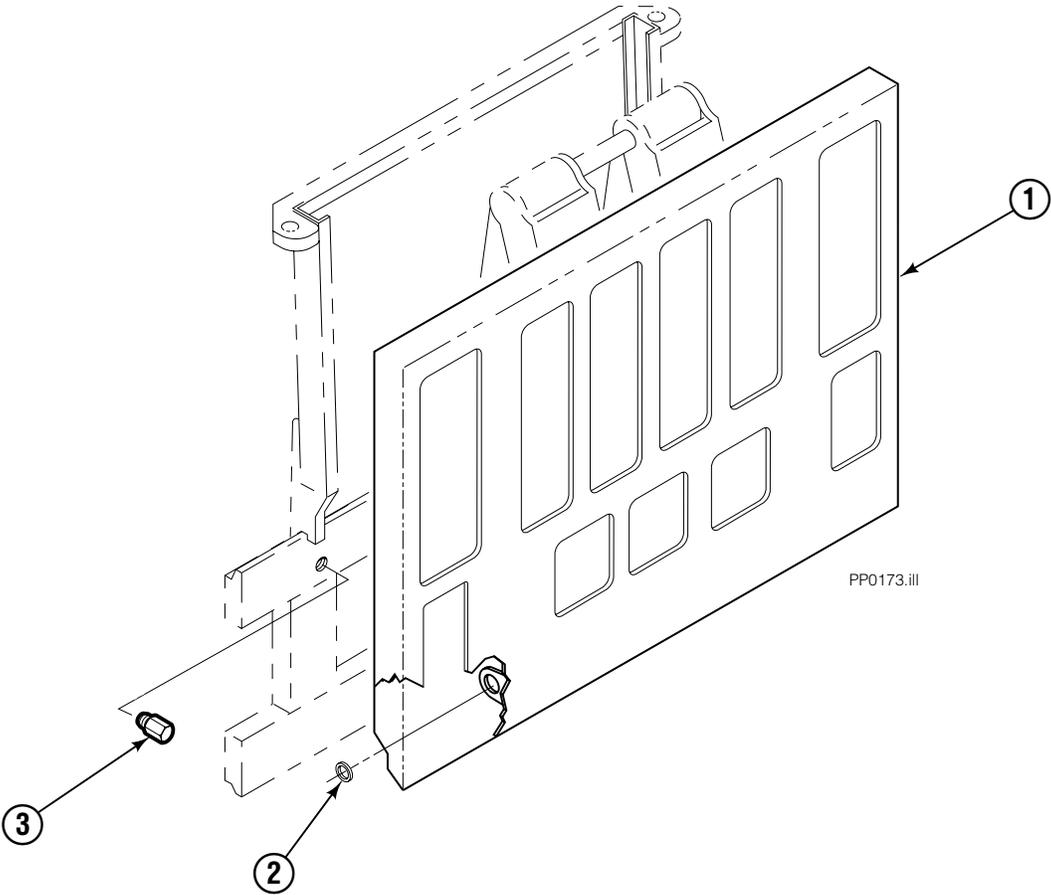
# Valve

## Load Push/Pull



REF	QTY	PART NO.	DESCRIPTION
		682812	Valve Assembly
1	1	677125	Sequence Valve (Retract)
2	2	669597	Service Kit
3	1	682813	Body
4	5	663694	Fitting, 3
5	1	677124	Sequence Valve (Extend)
6	1	659058	Gripper Check Valve
7	1	667516	Service Kit

# Faceplate Group



REF	QTY	PART NO.	DESCRIPTION
		6022389	Faceplate Group
1	1	6022391	Faceplate
2		--	Bushing
3		--	Stop

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

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