



Parts Manual

Model 20D Appliance Clamp

Serial Number 20D-ACS-115

cascade[®]
corporation

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

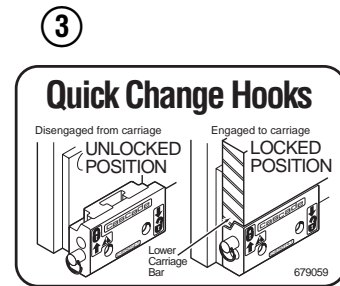
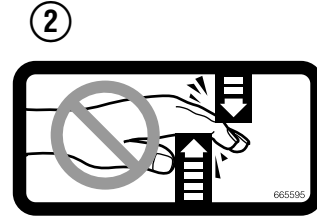
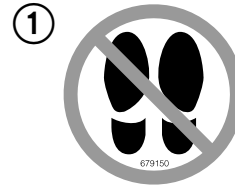
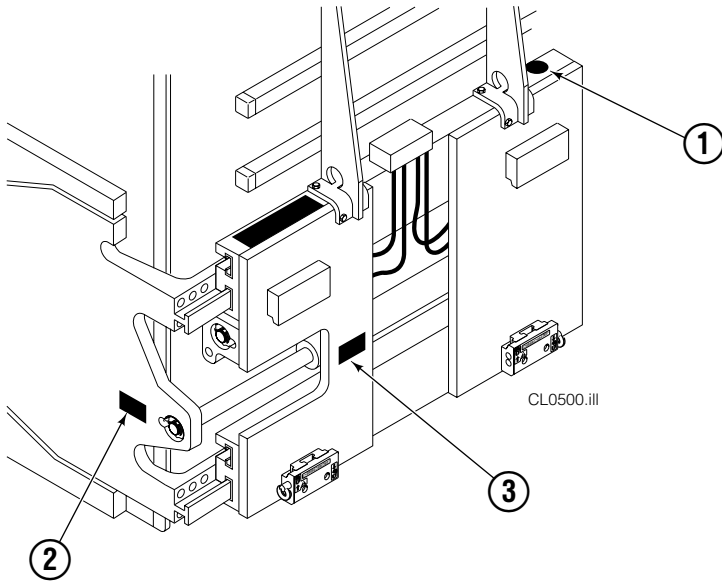
To Order Parts call: 888-227-2233, Fax: 888-329-0234

OR

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

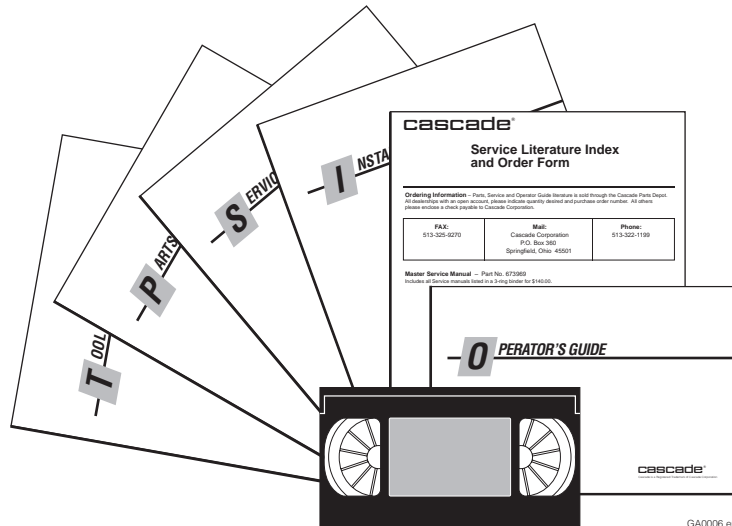
Internet: www.cascorp.com

Safety Decals



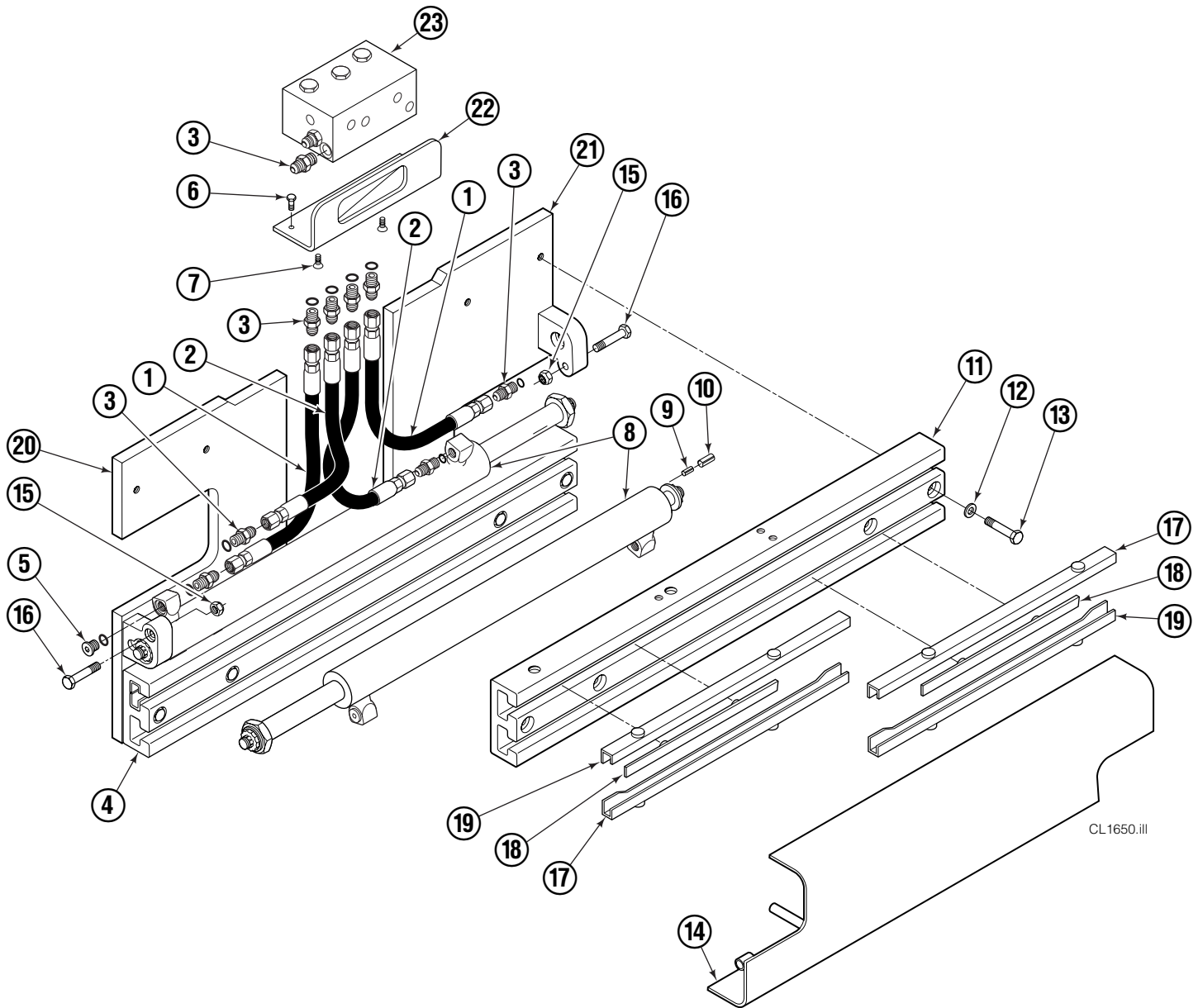
REF	QTY	PART NO.	DESCRIPTION
1	1	679150	No Step Decal
2	2	665595	No Hand Hold Decal
3	1	679059	Quick Change Hook Decal

Publications



PART NO.	DESCRIPTION
670487	Service Manual
670834	Operators Guide
670488	Installation Instructions
680664	Servicing Cascade Cylinders-VHS
679929	Tool Catalog
673964	Literature Index Order Form

Base Unit Group



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20D							
REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
		370247	Base Unit Group	12	8	667910	Washer
1	2	686472	Hose, 25.50 in.	13	8	667909	Capscrew
2	2	206880	Hose, 17.25 in.	14	1	354983	Bumper
3	9	601377	Fitting, 8-8	15	2	665707	Nut, 1/2 in. ID
4	1	674168	Frame - Lower	16	2	3659	Capscrew, 1/2 NC x 2.50
5	2	581555	Plug	17	4	668910	Bearing
6	3	671222	Capscrew, 3/8 NC x .75	18	4	667663	Bearing
7	2	4071	Capscrew	19	4	668911	Bearing
8	2	318595	Cylinder ▲	20	1	680620	Mounting Plate - RH
9	2	7861	Roll Pin - Inner	21	1	680619	Mounting Plate - LH
10	2	7962	Roll Pin - Outer	22	1	316732	Bracket
11	1	671549	Frame - Upper	23	1	343684	Valve ●

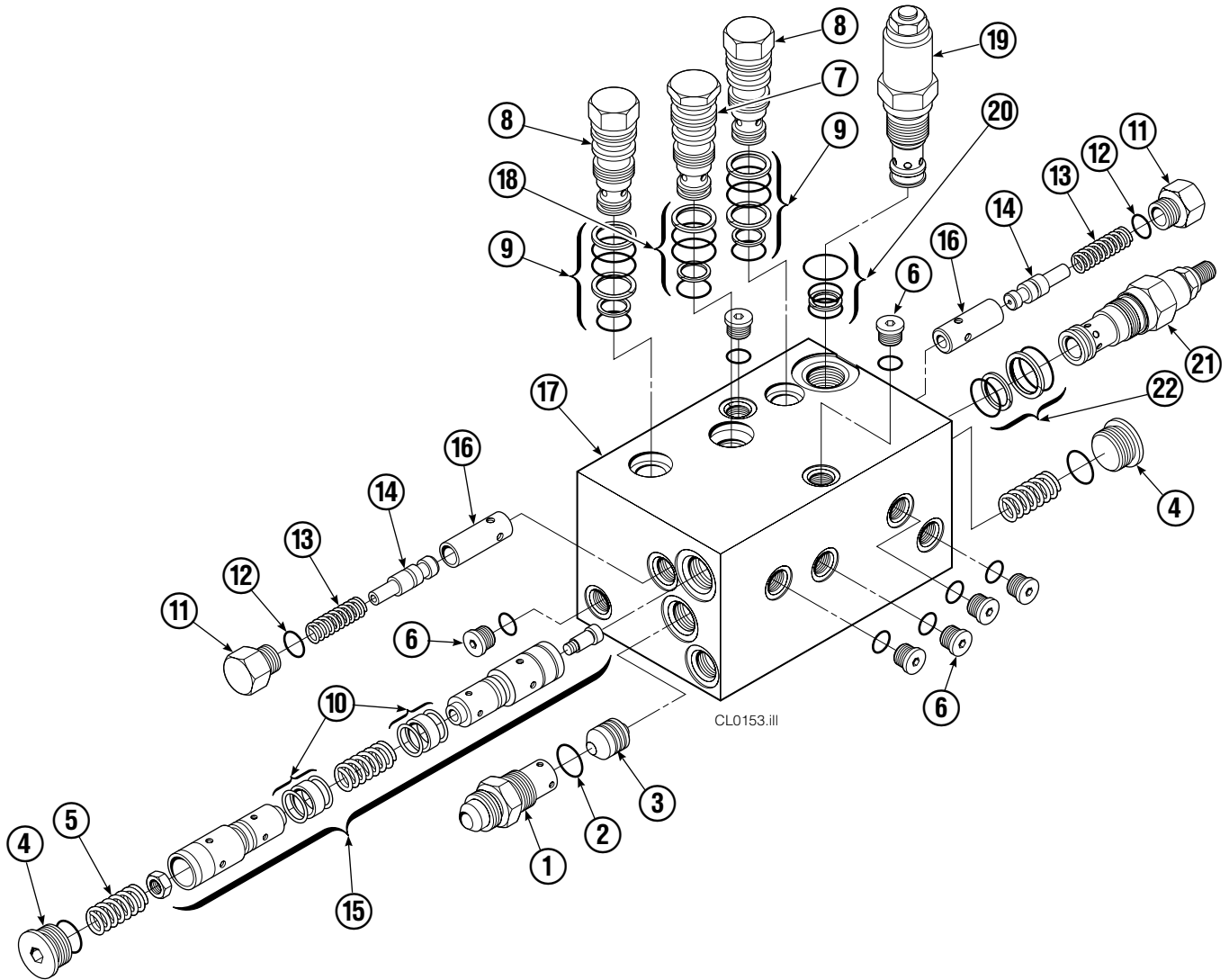
▲ See Cylinder page for parts breakdown.

Reference: Mounting Group 341425, Common Parts 318623,

SK-5299.

● See Valve page for parts breakdown.

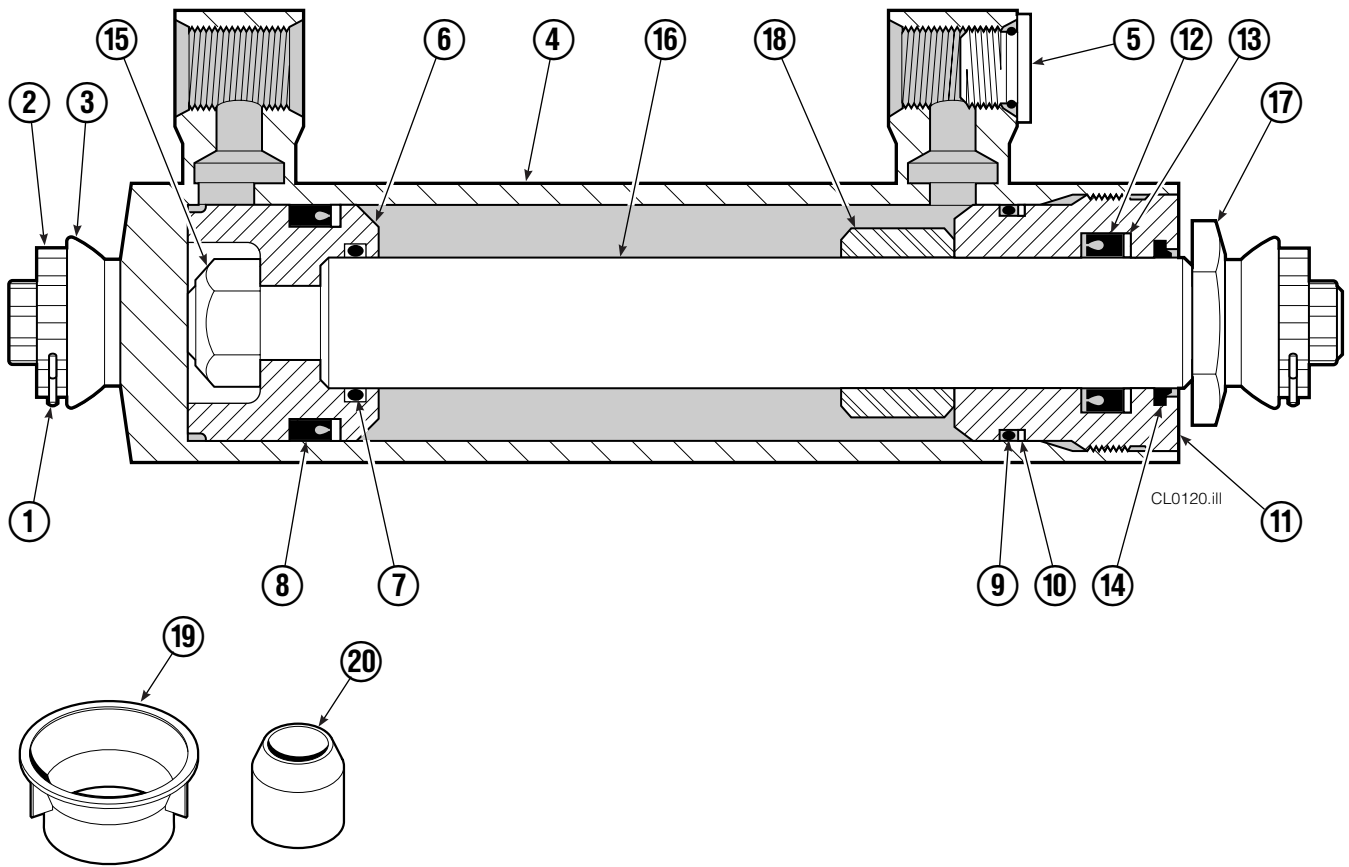
Valve Group



REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
		343684	Valve Group	12	2	2840	O-Ring ●
1	1	667490	Special Fitting	13	2	673098	Spring
2	1	2841	O-Ring ●	14	2	667492	Poppet
3	1	667471	Spool	15	1	673089	Spool Assembly
4	2	609453	Fitting, 10	16	2	667491	Sleeve
5	2	667487	Spring	17	1	343685	Valve Body
6	7	604510	Fitting, 6	18	1	661347	Service Kit ●
7	1	678270	Check Valve – VPO	19	1	334615	Relief Valve
8	2	659058	Check Valve – PO	20	1	684625	Service Kit
9	2	667516	Service Kit ●	21	1	343687	Relief Valve
10	1	679846	Low Flow Spool Kit	22	1	667510	Service Kit
11	2	667494	Fitting			667513	Service Kit

● Included in Service Kit 667513.

Cylinder



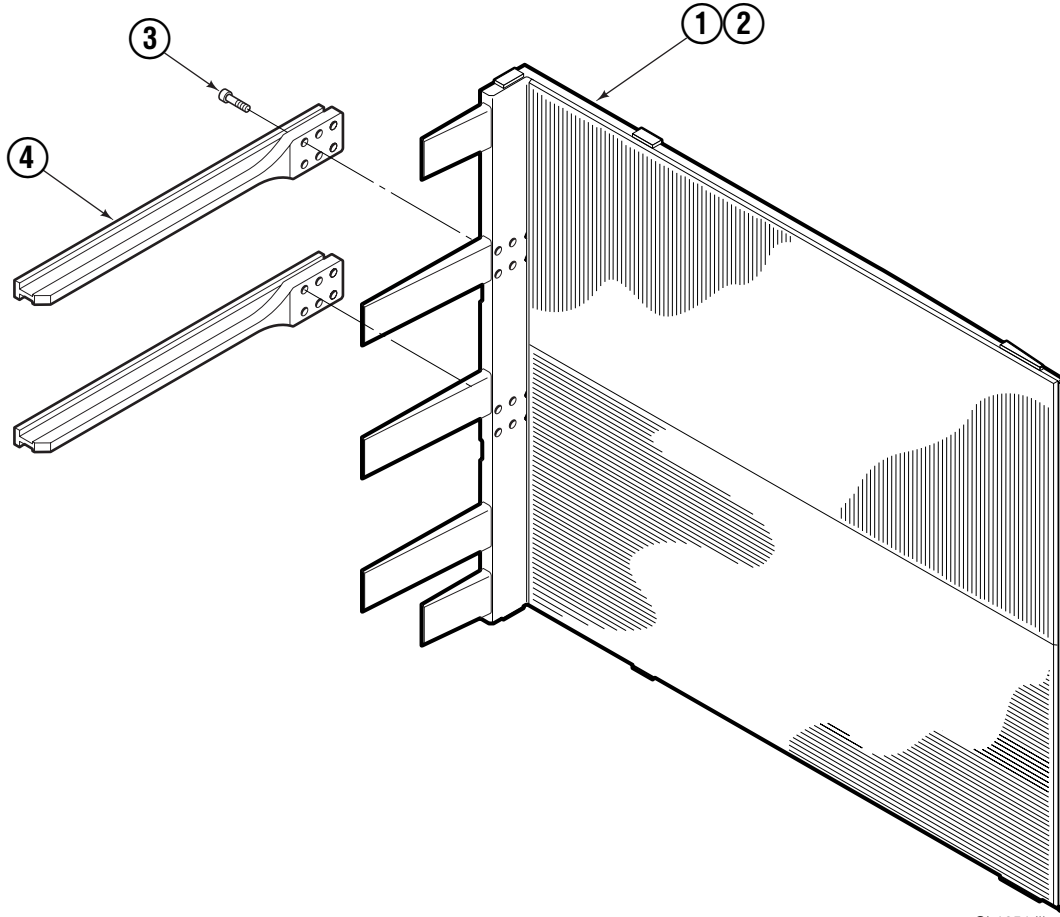
20D			
REF	QTY	PART NO.	DESCRIPTION
		318595	Cylinder Assembly
1	2	6510	Cotter Pin ■
2	2	667624	Nut Retainer ■
3	2	667625	Nut ■
4	1	318596	Shell
5	1	602580	Fitting
6	1	558200	Piston
7	1	2716	O-Ring ▲
8	1	662452	Seal ▲
9	1	2785	O-Ring ▲
10	1	615128	Back-Up Ring ▲
11	1	563906	Retainer
12	1	662448	Seal ▲
13	1	638243	Nylon Ring ▲
14	1	636853	Wiper ▲
15	1	667623	Nut
16	1	318597	Rod
17	1	667626	Washer
18	1	—	Spacer
19	1	671047	Seal Loader, Piston ▲
20	1	671051	Seal Loader, Retainer ▲
		668021	Service Kit

▲ Included in Service Kit 668021.

■ Included in Nut Service Kit 668926.

Reference: S-7605, S-7658

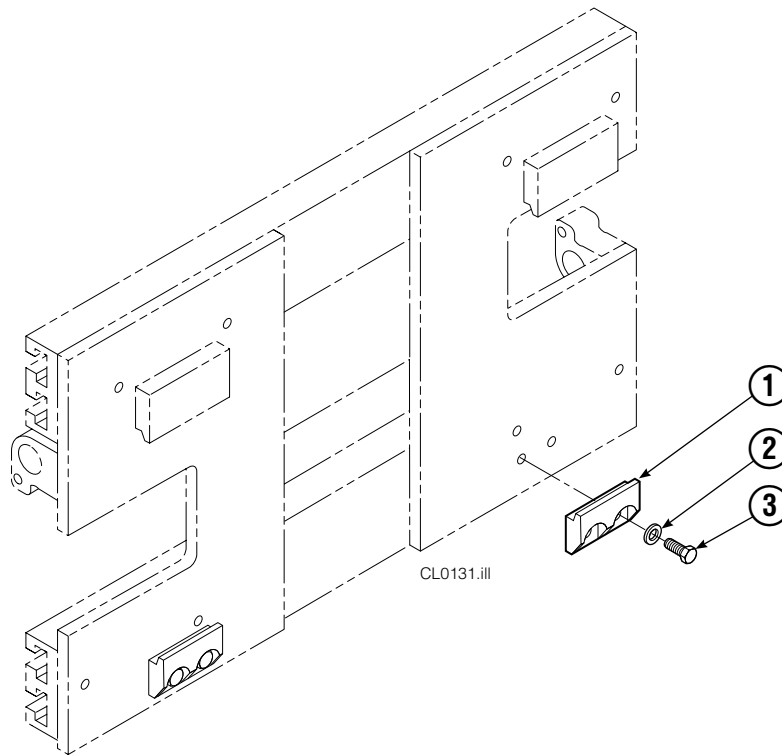
Arm Group



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20D			
REF	QTY	PART NO.	DESCRIPTION
		6010454	Arm Group
1	1	6010634	Arm - RH
2	1	6010633	Arm - LH
3	24	607103	Capscrew
4	4	667905	Arm Bar

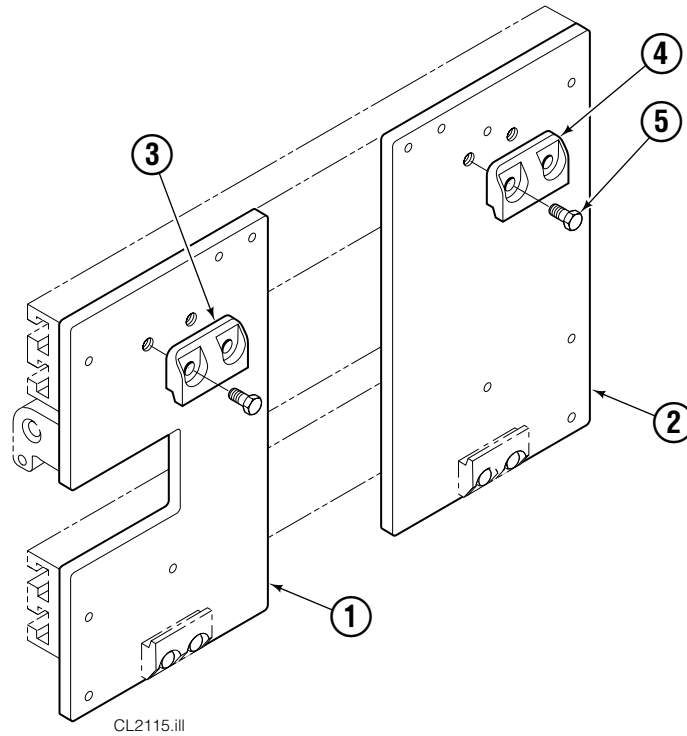
Bolt-On Mounting Group



Class II			
REF	QTY	PART NO.	DESCRIPTION
		678934	Lower Hook Group
1	2	675968	Lower Hook
2	4	667225	Washer, 5/8 in. ID
3	4	667369	Capscrew, 5/8 NC x 1.25 GR 5

Reference: S-3197.

Mounting Plates with Bolt-On Upper Hooks



REF	QTY	PART NO.	DESCRIPTION
1	1	680619	Mounting Plate Assembly-LH ●
2	1	680620	Mounting Plate Assembly-RH ■
3	1	6002330	Upper Hook-LH
4	1	210491	Upper Hook-RH
5	4	768577	Capscrew, M20 x 35

● Includes items 3 and 5.

■ Includes items 4 and 5.

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

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