



Parts Manual

Model _____ Multi-Purpose Clamp

Serial Number _____ 25D-MCS-12AR0

cascade®
corporation

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

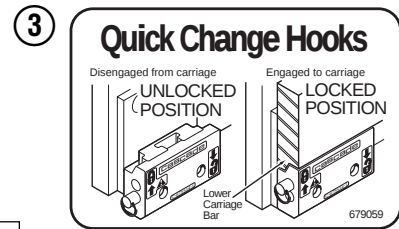
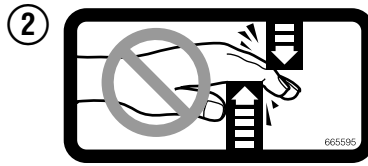
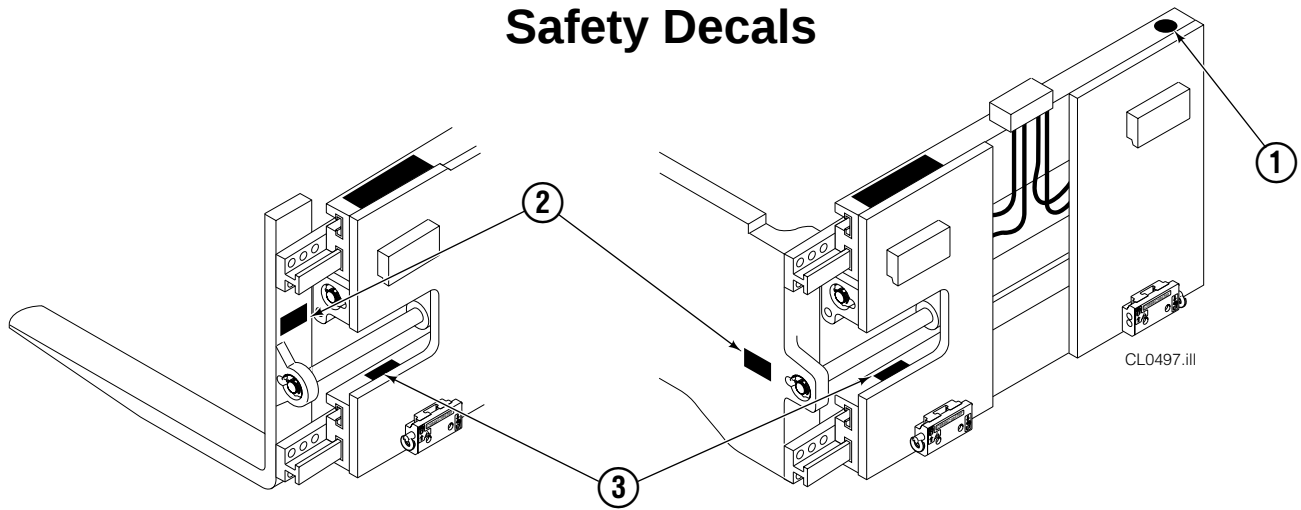
To Order Parts call: 888-227-2233, Fax: 888-329-0234

OR

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

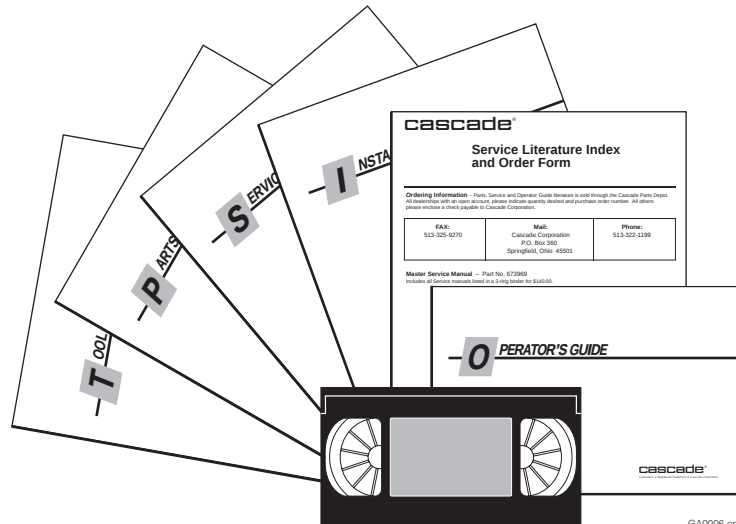
Internet: www.cascorp.com

Safety Decals



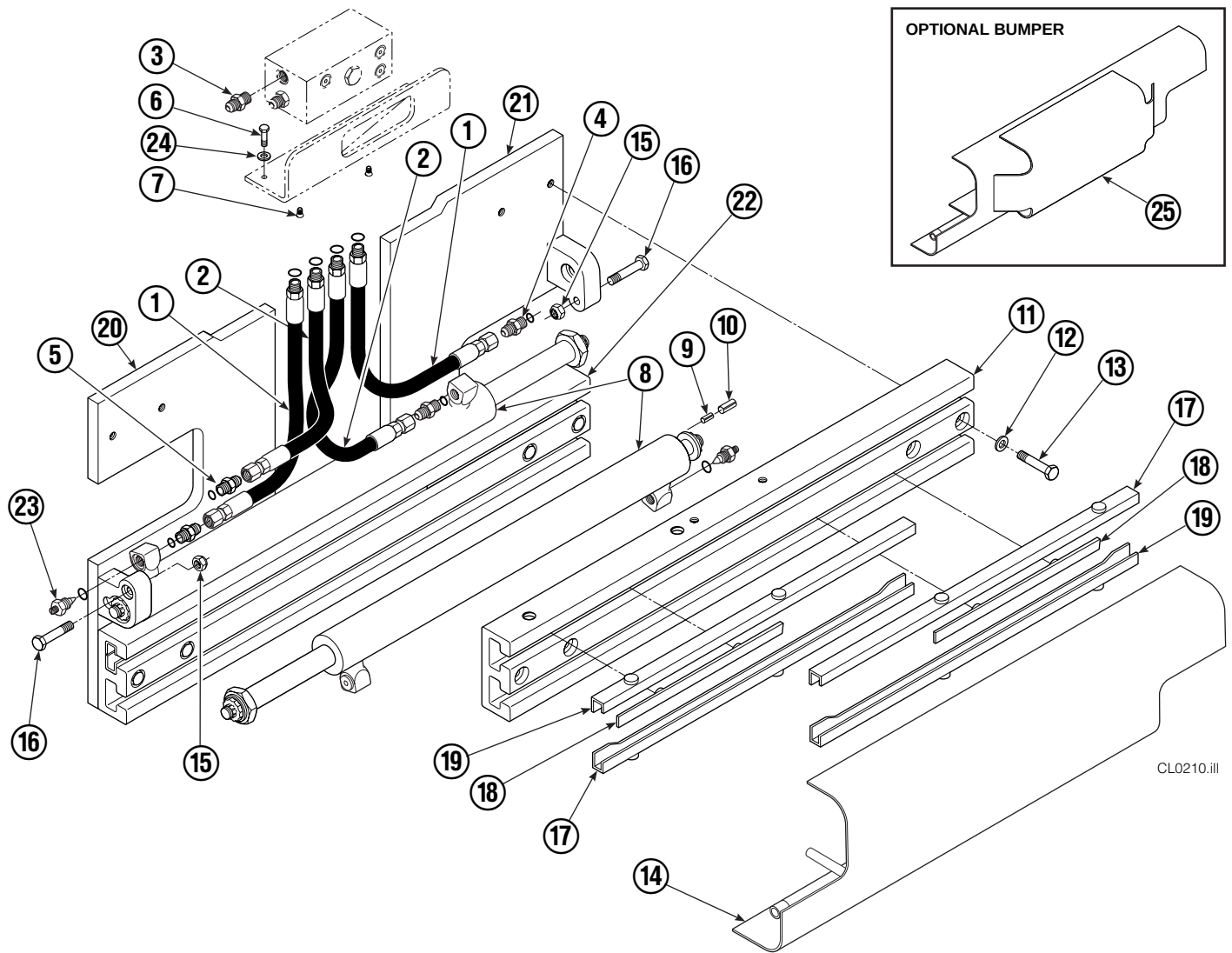
REF	QTY	PART NO.	DESCRIPTION
1	1	679150	No Step Decal
2	2	665595	No Hand Hold Decal
3	1	679059	Quick Change Hook Decal

Publications



PART NO.	DESCRIPTION
669224	Service Manual
672944	Operators Guide
668987	Installation Instructions
680664	Servicing Cascade Cylinders-VHS
679929	Tool Catalog
673964	Literature Index Order Form

Base Unit Group



25D							
REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
		681352	Base Unit Group	13	8	668010	Capscrew
1	2	210442	Hose, 21.00 in.	14	1	669009	Bumper
2	2	210437	Hose, 17.25 in.	15	2	665707	Nut, 1/2 in. ID
3	1	601377	Fitting, 8-8	16	2	633523	Capscrew, 1/2 NC x 2.50
4	2	686369	Fitting	17	4	668910	Bearing
5	2	611288	Fitting, 6-8	18	4	667663	Bearing
6	2	671222	Capscrew, 3/8 NC x .75	19	4	668911	Bearing
7	2	4750	Capscrew, 3/8 NC x .75	20	1	680622	Mounting Plate - RH
8	2	553800	Cylinder ▲	21	1	680621	Mounting Plate - LH
9	2	7861	Roll Pin - Inner	22	1	674226	Frame - Lower
10	2	7962	Roll Pin - Outer	23	2	667609	Restrictor Cartridge ●
11	1	668008	Frame - Upper	24	2	6230	Washer
12	8	667910	Washer	25	1	671517	Optional Bumper

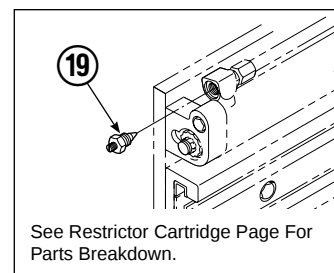
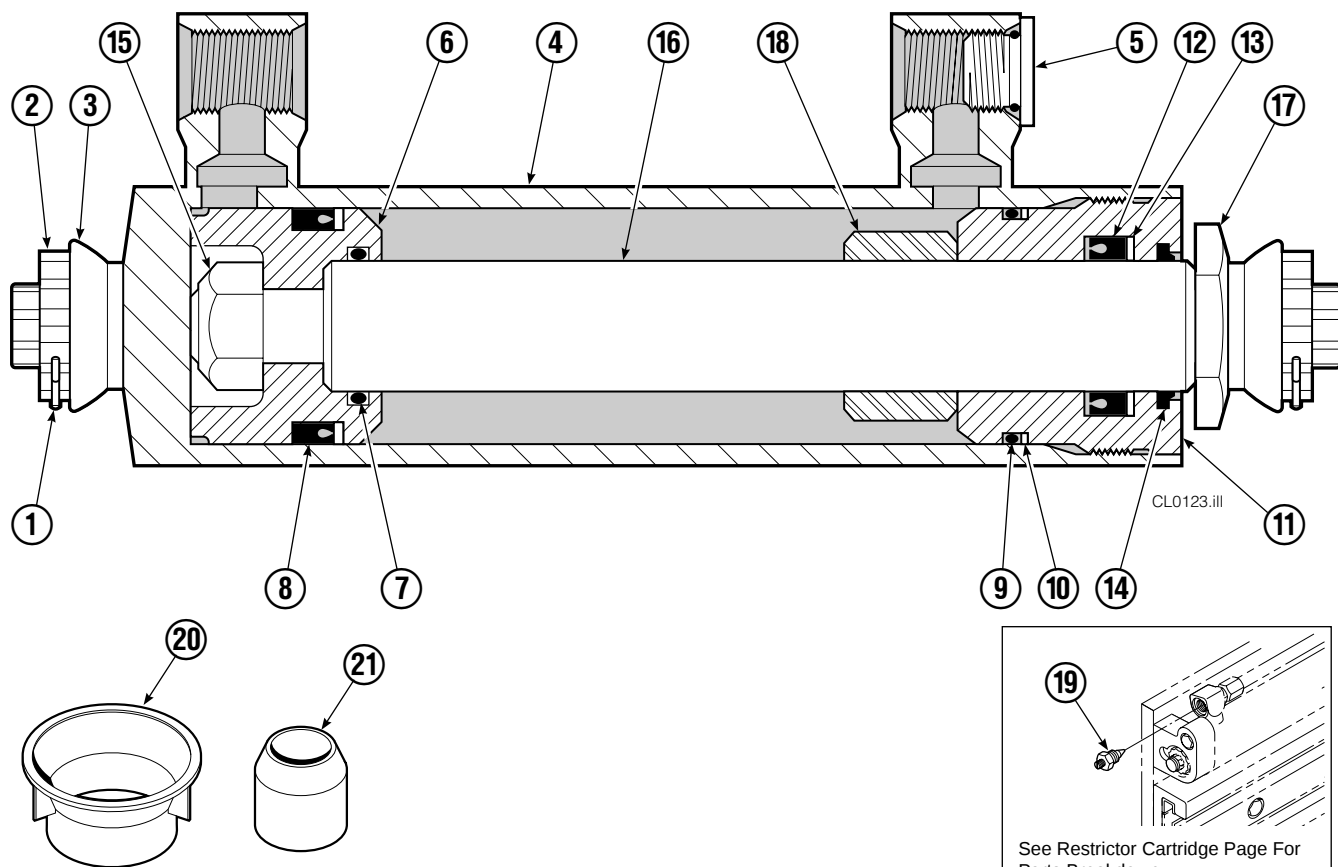
▲ See Cylinder page for parts breakdown.

● Not included in Base Unit Group.

See Restrictor Cartridge page for parts breakdown.

Reference: SK-5318.

Cylinder



25D			
REF	QTY	PART NO.	DESCRIPTION
		553800	Cylinder Assembly
1	2	6510	■ Cotter Pin
2	2	667624	■ Nut Retainer
3	2	667625	■ Nut
4	1	553833	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	553834	Rod
17	1	667626	Washer
18	1	—	Spacer
19	1	667609	Restrictor Cartridge ●
20	1	671047	▲ Seal Loader, Piston
21	1	671051	▲ Seal Loader, Retainer
		668021	Service Kit

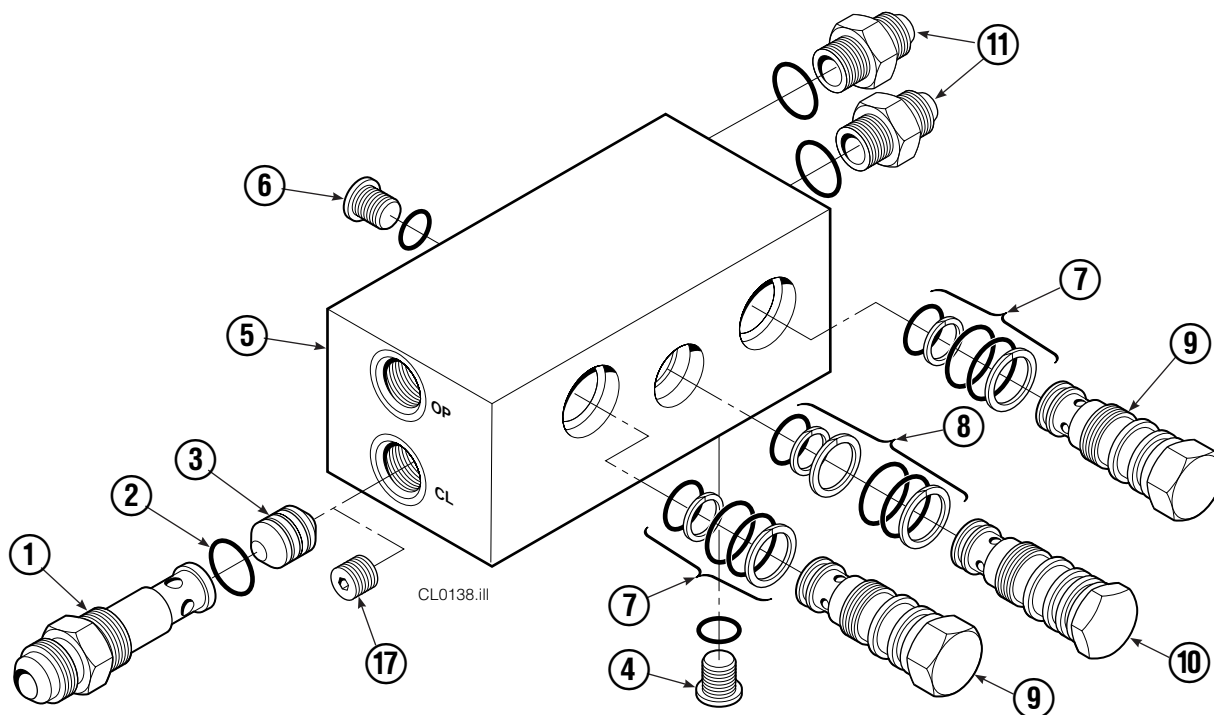
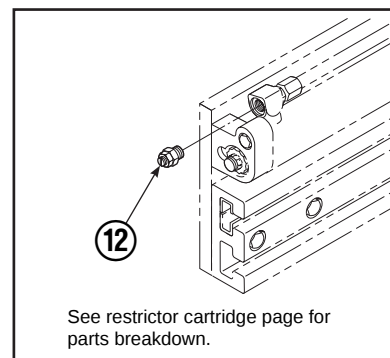
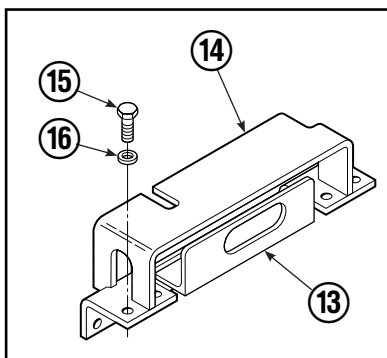
▲ Included in Service Kit 668021.

■ Included in Nut Service Kit 668926.

● Not included in Cylinder Assembly.

Reference: S-7605, S-7658

Valve Group Sideshift



REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
		668915	Valve Group – Sideshift	10	1	678270	Check Valve – VPO
		668865	Check Valve – Sideshift ▲	11	2	604511	Fitting, 6-6
1	1	667490	Special Fitting	12	2	667609	Restrictor Cartridge
2	1	2841	O-Ring ●	13	1	669999	Bracket
3	1	667471	Spool	14	1	670002	Guard – 25D/35D
4	3	609455	Fitting, 5	14	1	670000	Guard – 50D
5	1	668866	Valve Body	14	1	200812	Guard – 40D
6	1	604510	Fitting, 6	15	4	677828	Capscrew, 1/2 NC x 1.00
7	2	667516	Service Kit ●	16	4	667910	Washer
8	1	661347	Service Kit ●	17	1	676343	Regeneration Elimination Plug ■
9	2	659058	Check Valve – PO			668868	Service Kit

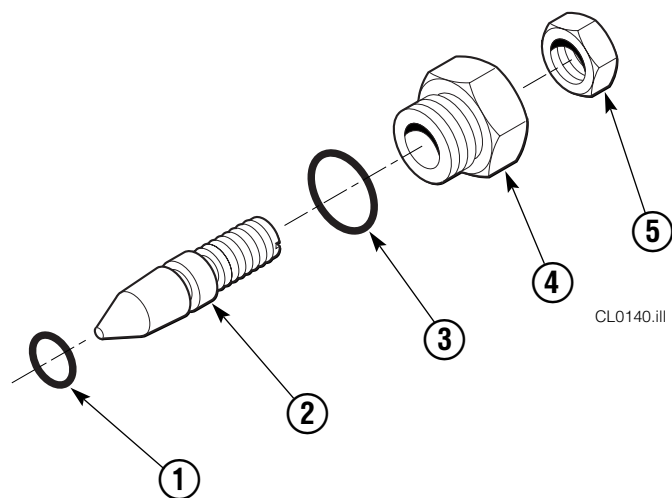
▲ Includes items 1– 10 only.

● Included in Service Kit 668868.

■ For eliminating regeneration circuit only. See Tech. Bulletin 121.

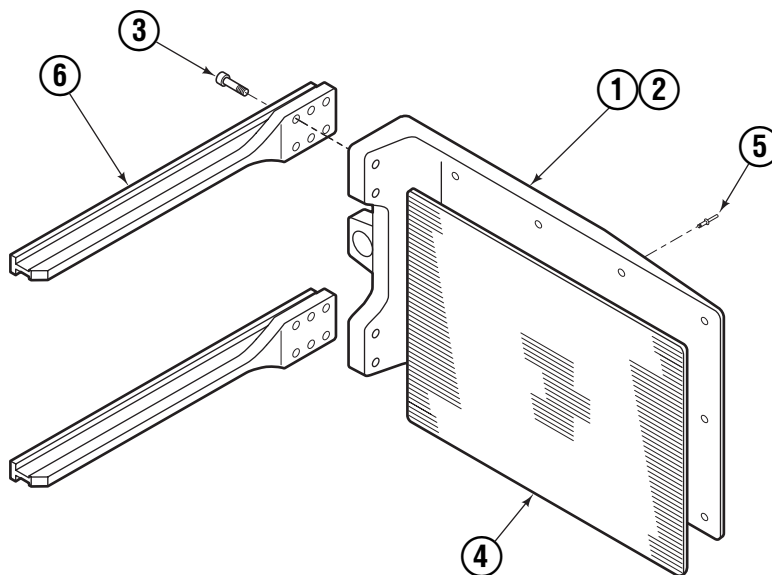
Reference: SK-5302, Valve Guard Groups 670005, 670006.

Restrictor Cartridge



REF	QTY	PART NO.	DESCRIPTION
		667609	Restrictor Cartridge
1	1	2701	O-Ring
2	1	667611	Plunger
3	1	2841	O-Ring
4	1	667610	Plug – Special
5	1	5716	Jam Nut

Multi-Purpose/Rigid Arms



CL1599.ill

ARM CAPSCREW EXTENSION TOOL

Required for proper torquing of capscrews



25D

668020

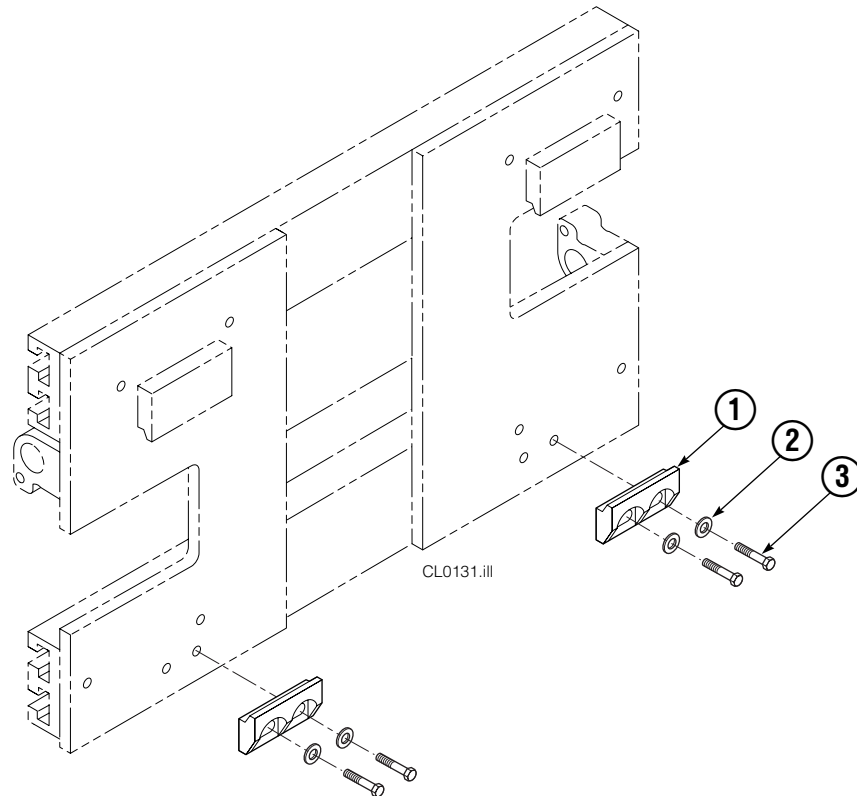
25D

REF	QTY	PART NO.	DESCRIPTION
		680550	Bale Arm Assembly – L.H. ●
		680551	Bale Arm Assembly – R.H. ▲
1	1	680510	Bale Arm – L.H
2	1	680518	Bale Arm – R.H.
3	12	607085	Capscrew
4	1	671686	Contact Pad
5	12	667843	Rivet
6	4	671693	Arm Bar

● Includes items 1 & 3–5 only.

▲ Includes items 2–5 only.

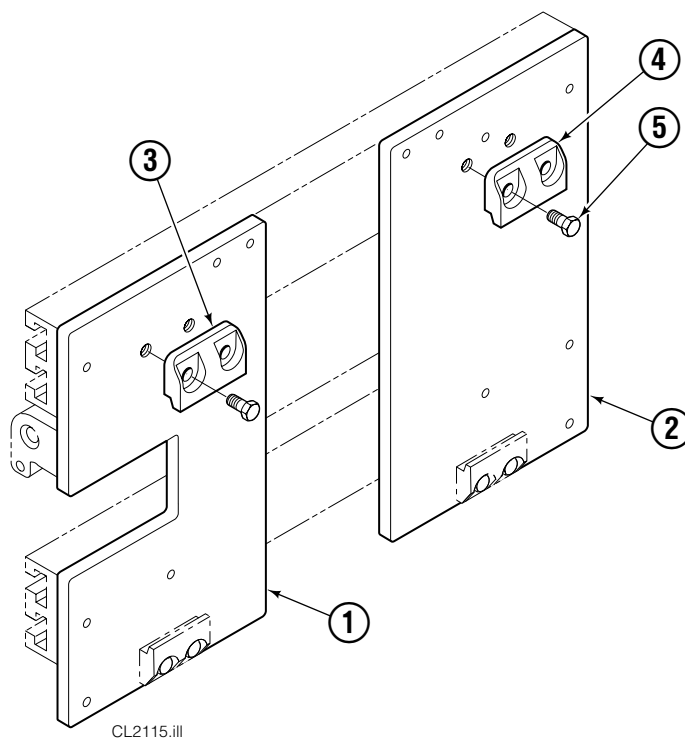
Bolt-On Mounting Group



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	680621	Mounting Plate Assembly-LH ●
2	1	680622	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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