



Parts Manual

Model 50D Clamp

Serial Number 50D-BCB-54BR0

cascade[®]
corporation

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

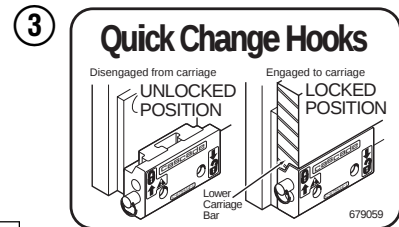
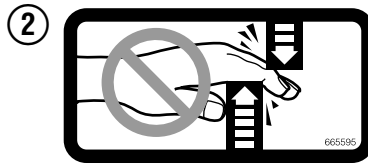
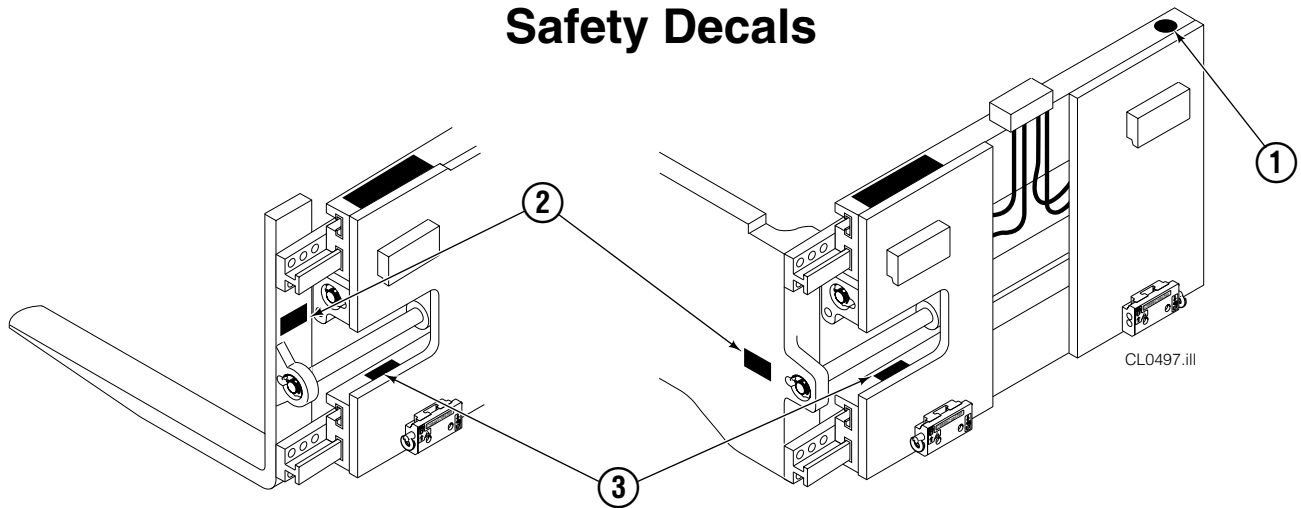
To Order Parts call: 888-227-2233, Fax: 888-329-0234

OR

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

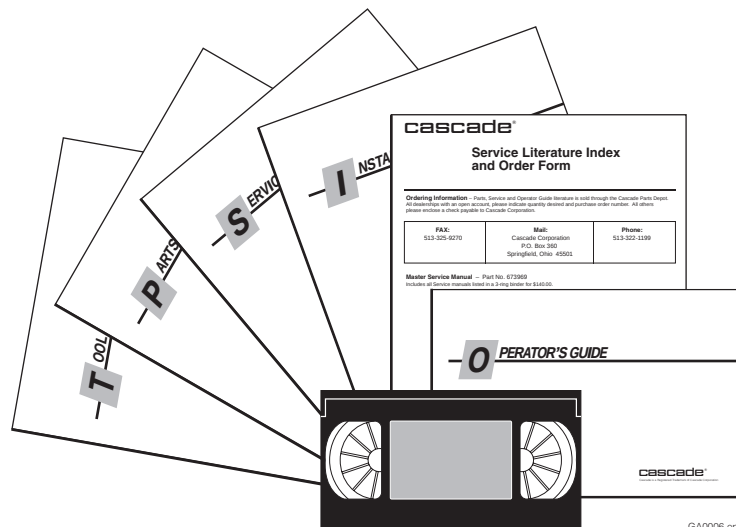
Internet: www.cascorp.com

Safety Decals



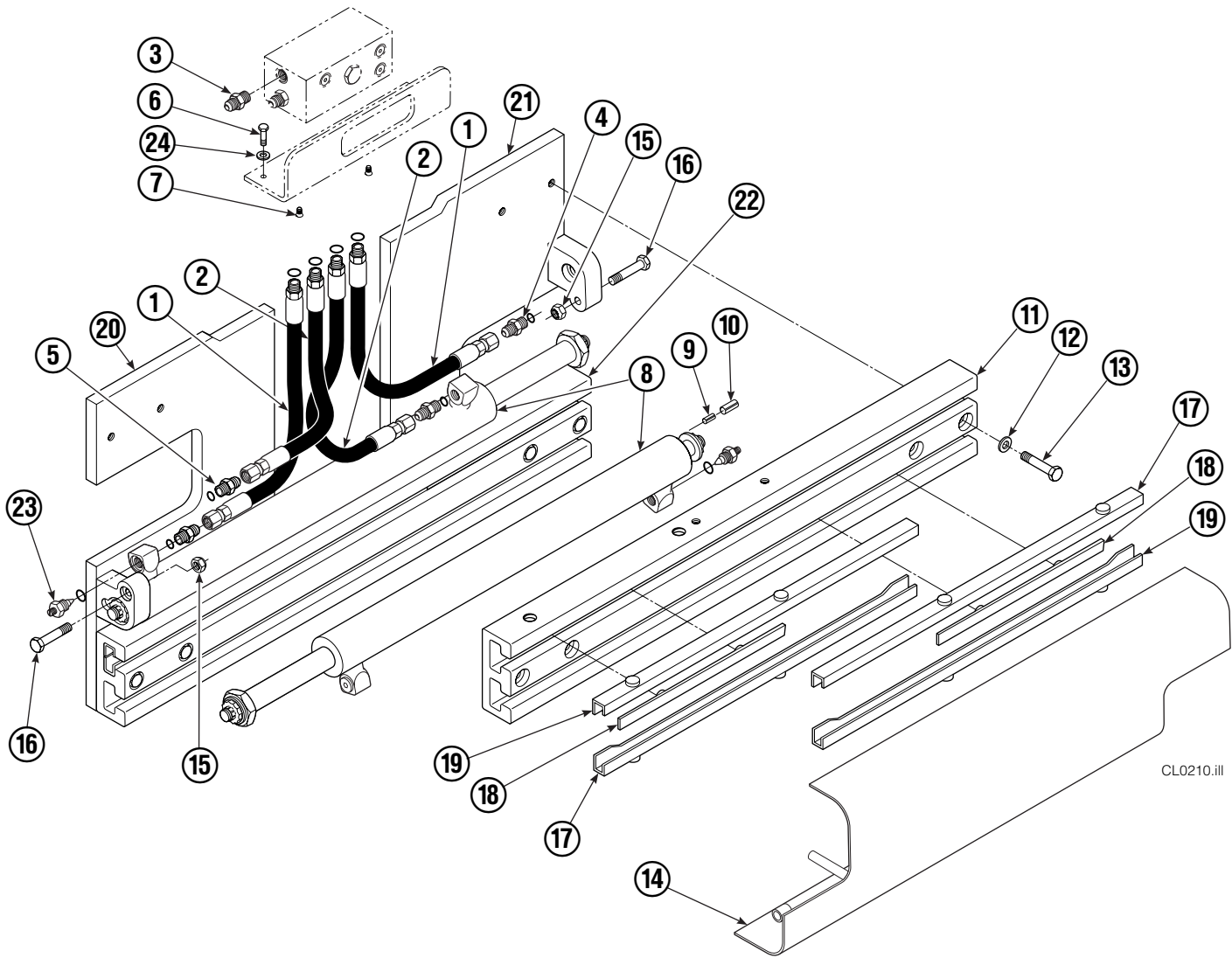
REF	QTY	PART NO.	DESCRIPTION
1	1	679150	No Step Decal
2	2	665595	No Hand Hold Decal
3	1	679059	Quick Change Hook Decal

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



50D							
REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
		681233	Base Unit Group	13	8	667644	Capscrew
1	2	210436	Hose, 24.75 in.	14	1	667664	Bumper
2	2	210441	Hose, 21.25 in.	15	2	665707	Nut, 1/2 in. ID
3	1	601377	Fitting, 8-8	16	2	640699	Capscrew, 1/2 NC x 2.75
4	2	686369	Fitting	17	4	668904	Bearing
5	2	611288	Fitting, 6-8	18	4	667663	Bearing
6	2	671222	Capscrew, 3/8 NC x .75	19	4	668905	Bearing
7	2	4750	Capscrew, 3/8 NC x .75	20	1	680628	Mounting Plate - RH
8	2	667666	Cylinder ▲	21	1	680627	Mounting Plate - LH
9	2	7882	Roll Pin - Inner	22	1	674167	Frame - Lower
10	2	7961	Roll Pin - Outer	23	2	667609	Restrictor Cartridge ●
11	1	667659	Frame - Upper	24	2	6230	Washer
12	8	667225	Washer				

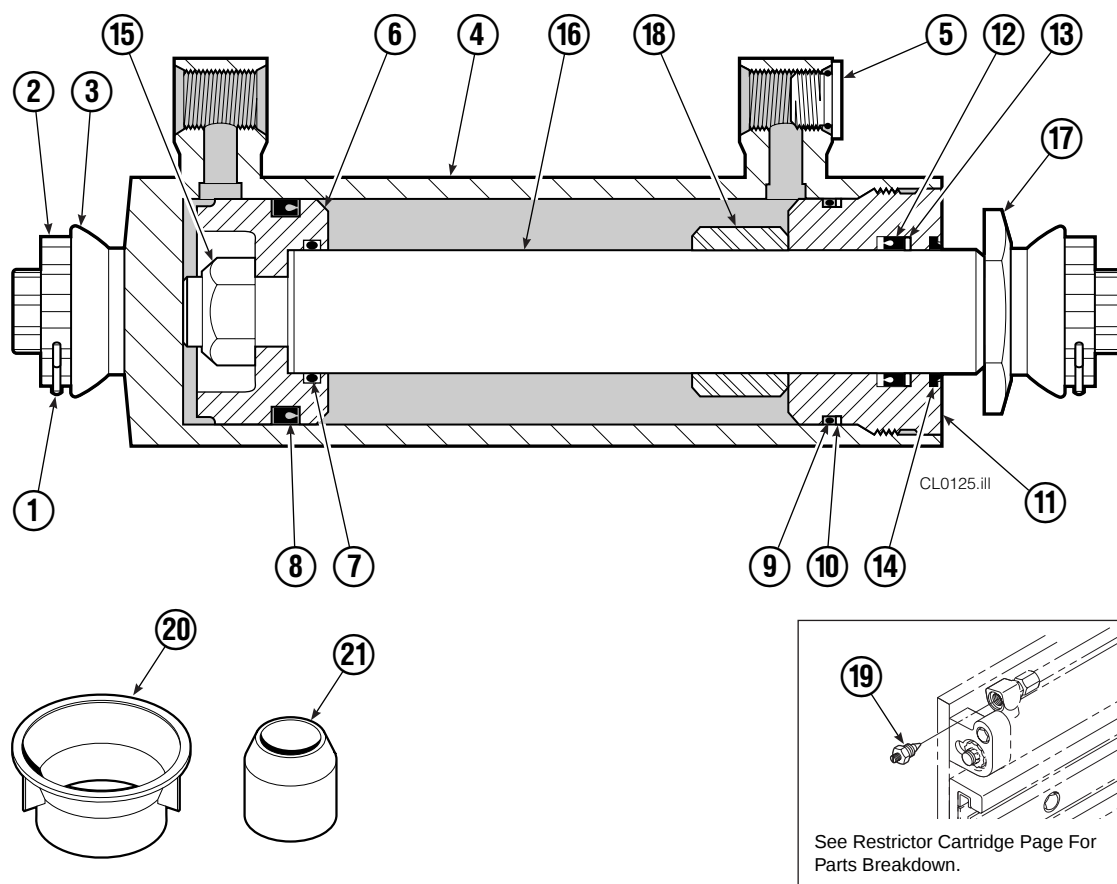
▲ See Cylinder page for parts breakdown.

● Not included in Base Unit Group.

See Restrictor Cartridge page for parts breakdown.

Reference: SK-5302, Common Parts Group 680839.

Cylinder



50D				
REF	QTY	PART NO.	DESCRIPTION	
		667666	Cylinder Assembly	
1	2	6511	Cotter Pin ■	
2	2	667667	Nut Retainer ■	
3	2	667668	Nut ■	
4	1	553760	Shell	
5	1	602580	Fitting	
6	1	558402	Piston	
7	1	2722	O-Ring ▲	
8	1	557376	Seal ▲	
9	1	2791	O-Ring ▲	
10	1	615134	Back-Up Ring ▲	
11	1	667675	Retainer	
12	1	662451	Seal ▲	
13	1	638246	Nylon Ring ▲	
14	1	564930	Wiper ▲	
15	1	561012	Nut	
16	1	667670	Rod	
17	1	667676	Washer	
18	1	—	Spacer	
19	1	667609	Restrictor Cartridge ●	
20	1	671049	Seal Loader, Piston ▲	
21	1	671052	Seal Loader, Retainer ▲	
		667723	Service Kit	

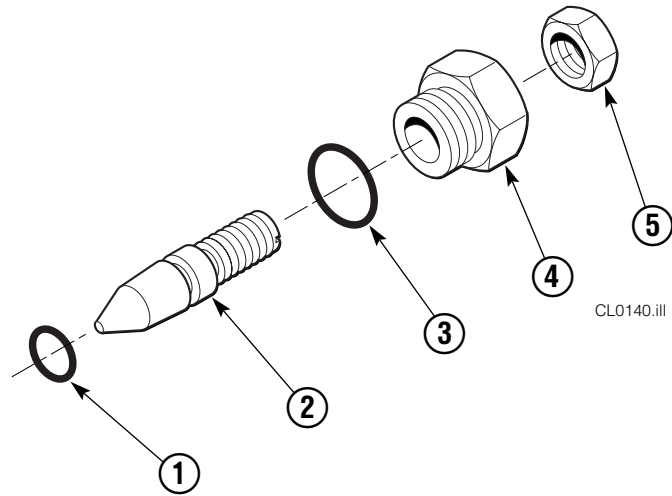
▲ Included in Service Kit 667723.

■ Included in Nut Service Kit 668925.

● Not included in Cylinder Assembly.

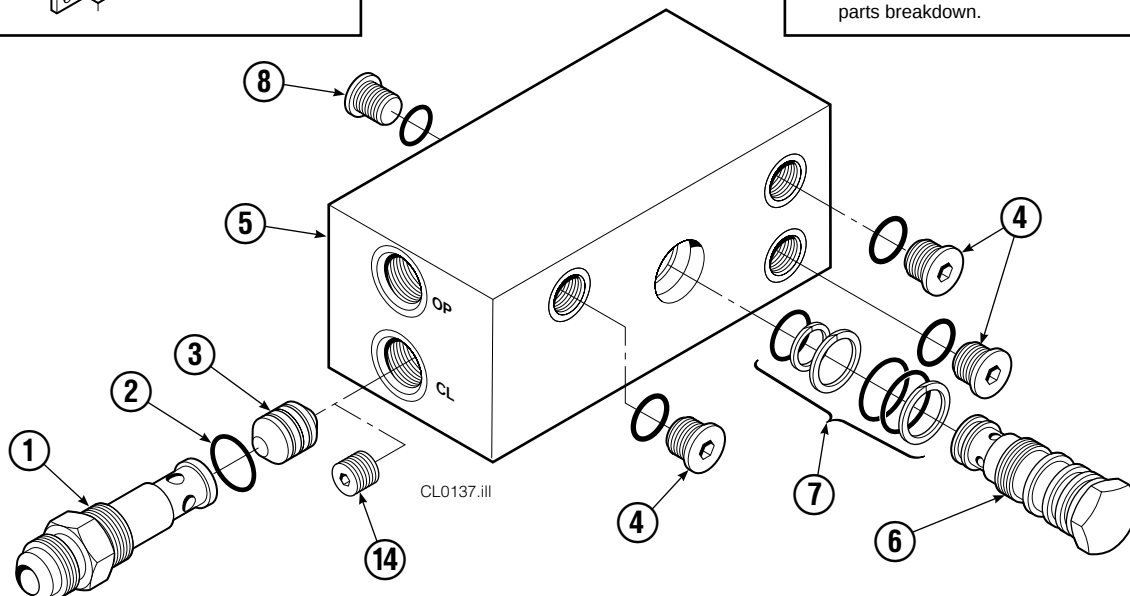
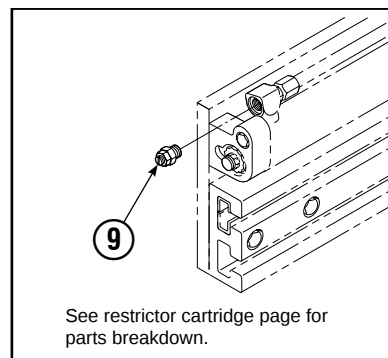
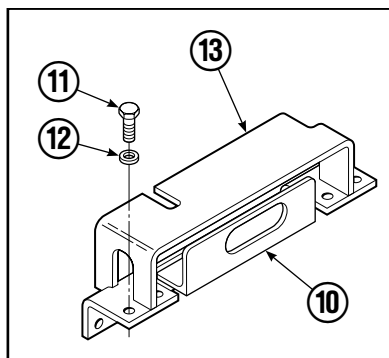
Reference: S-7666.

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

Valve Group Non-Sideshift



REF	QTY	PART NO.	DESCRIPTION
		668914	Valve Group – Non-Sideshift
		668861	Check Valve – Non-Sideshift ▲
1	1	667490	Special Fitting
2	1	2841	O-Ring ●
3	1	667471	Spool
4	3	609455	Fitting, 5
5	1	668862	Valve Body
6	1	678270	Check Valve – VPO
7	1	661347	Service Kit ●
8	1	604510	Fitting, 6
9	2	667609	Restrictor Cartridge
10	1	669999	Bracket
11	4	677828	Capscrew, .5 x 1.0
12	4	667910	Washer, .5
13	1	670002	Guard – 25D/35D
13	1	670000	Guard – 40D/50D
14	1	676343	Regeneration Elimination Plug ■
		668864	Service Kit

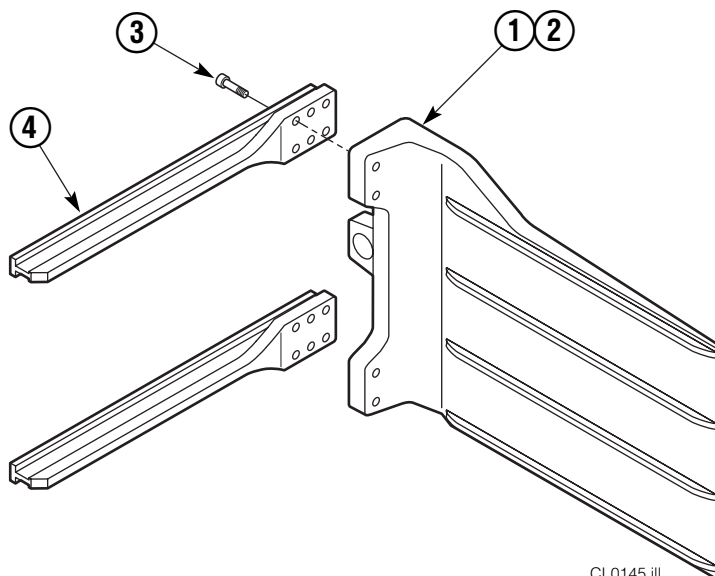
▲ Includes items 1– 8 only.

● Included in Service Kit 668864.

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

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

Bale Arms



CL0145.iii

ARM CAPSCREW EXTENSION TOOL Required for Proper Torquing of Capscrews		
	35D/50D	667669

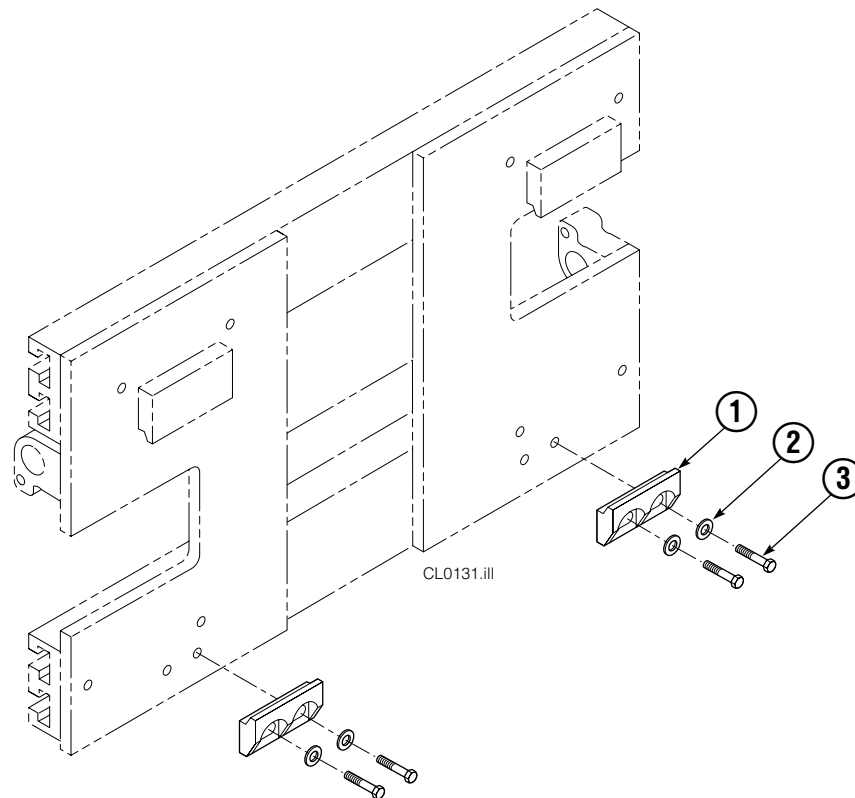
Left Hand Assembly Shown

50D			
REF	QTY	PART NO.	DESCRIPTION
		680415	Bale Arm Assembly – LH ▲
		680416	Bale Arm Assembly – RH ●
1	1	680423	Bale Arm – LH
2	1	680431	Bale Arm – RH
3	12	607105	Capscrew, 3/4 NC x 2.00
4	4	667700	Arm Bar

▲ Includes items 1 & 3.

● Includes items 2 & 3.

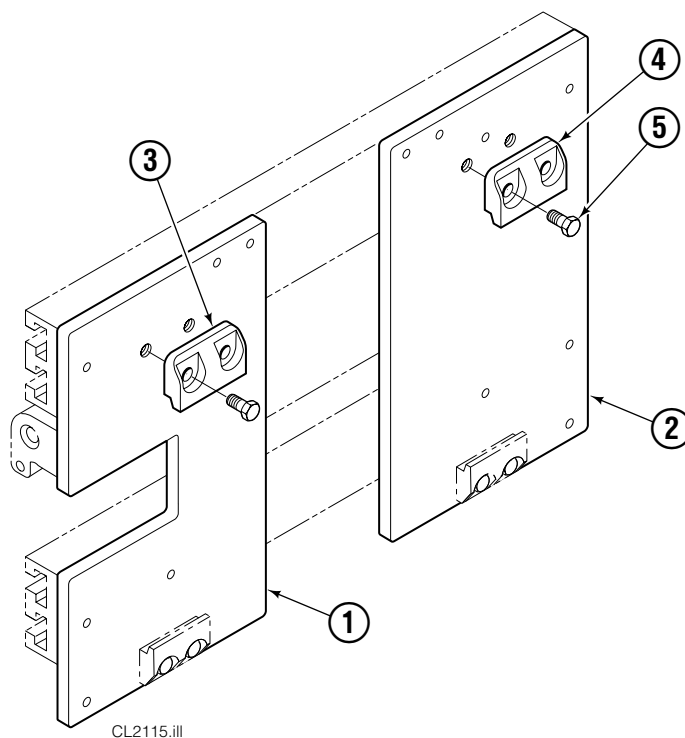
Bolt-On Mounting Group



Class III			
REF	QTY	PART NO.	DESCRIPTION
		678935	Lower Hook Group
1	2	675969	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	680627	Mounting Plate Assembly-LH ●
2	1	680628	Mounting Plate Assembly-RH ■
3	1	6002745	Upper Hook-LH
4	1	211157	Upper Hook-RH
5	4	772193	Capscrew, M20 x 35

● Includes items 3 and 5.

■ Includes items 4 and 5.

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

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