



Parts Manual

Model 30E Carton Clamp

Serial Number 30E-CC-090

cascade[®]
corporation

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

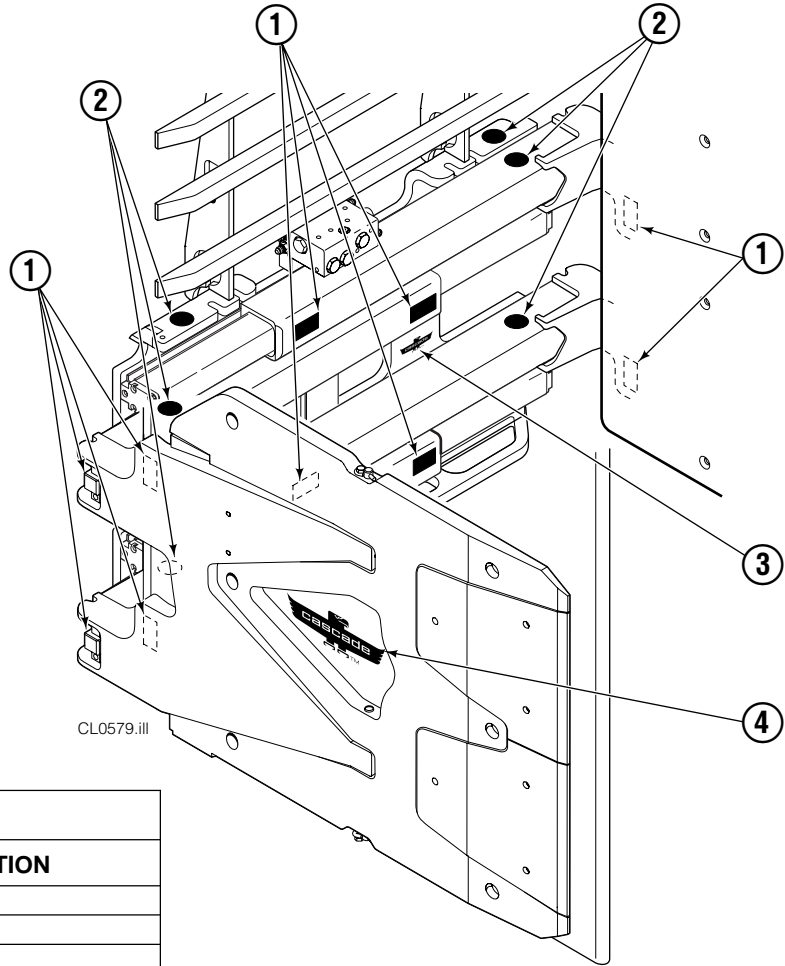
To Order Parts call: 888-227-2233, Fax: 888-329-0234

OR

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

Internet: www.cascorp.com

Decals



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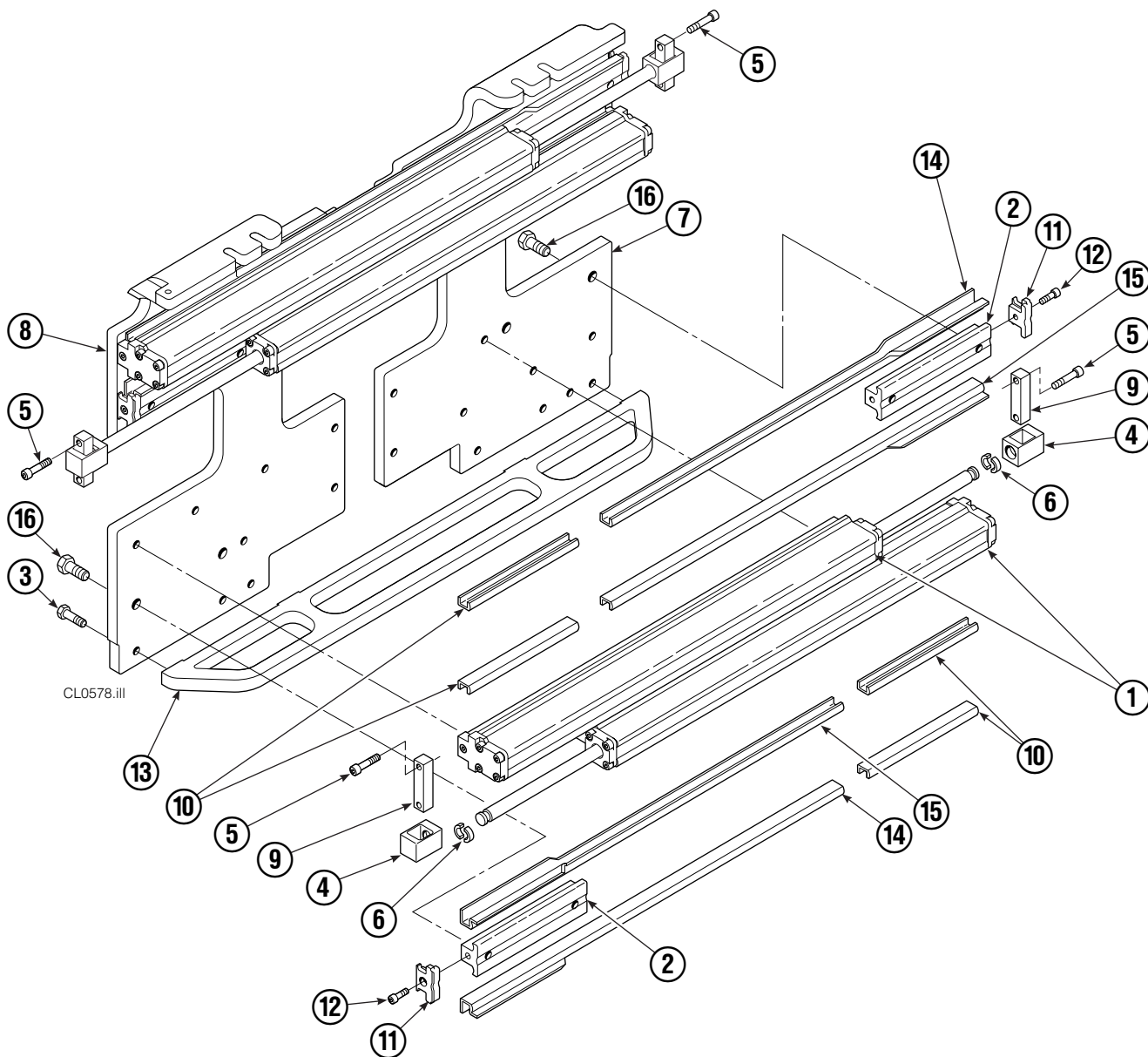
30E			
REF	QTY	PART NO.	DESCRIPTION
1	12	665595	No Hand Hold Decal
2	6	679150	No Step Decal
3	1	211274	Eagle - 80 mm
4	2	211276	Eagle - 240 mm

Publications



30E	
PART NO.	DESCRIPTION
	Parts Manual
215204	Service Manual
210273	Operator's Guide
212116	Installation Instructions
679929	Tool Catalog
673964	Literature Index Order Form

Base Unit Group



30E							
REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
		217495	Base Unit Group	9	4	210489	Rod End Anchor ●
1	4	210117	Cylinder ▲	10	8	213735	Bearing Spacer
2	4	217001	T-Bar	11	4	210140	Bearing Retainer
3	28	211689	Capscrew, M12 x 30 GR 10.9	12	4	787375	Capscrew, M8 x 20
4	4	209741	Rod End ●	13	1	212500	Bumper
5	8	768303	Capscrew, M10 x 35 ●	14	4	209120	Bearing
6	8	210490	Retainer Half Ring ●	15	4	209119	Bearing
7	1	216997	Baseplate – LH	16	8	211128	Capscrew, M16 x 30 GR 10.9
8	1	216998	Baseplate – RH			213856	Service Kit

▲ See Cylinder page for parts breakdown.

● Included in Cylinder Rod Anchor Kit 213856.

Reference: SK-6089.

Cylinder

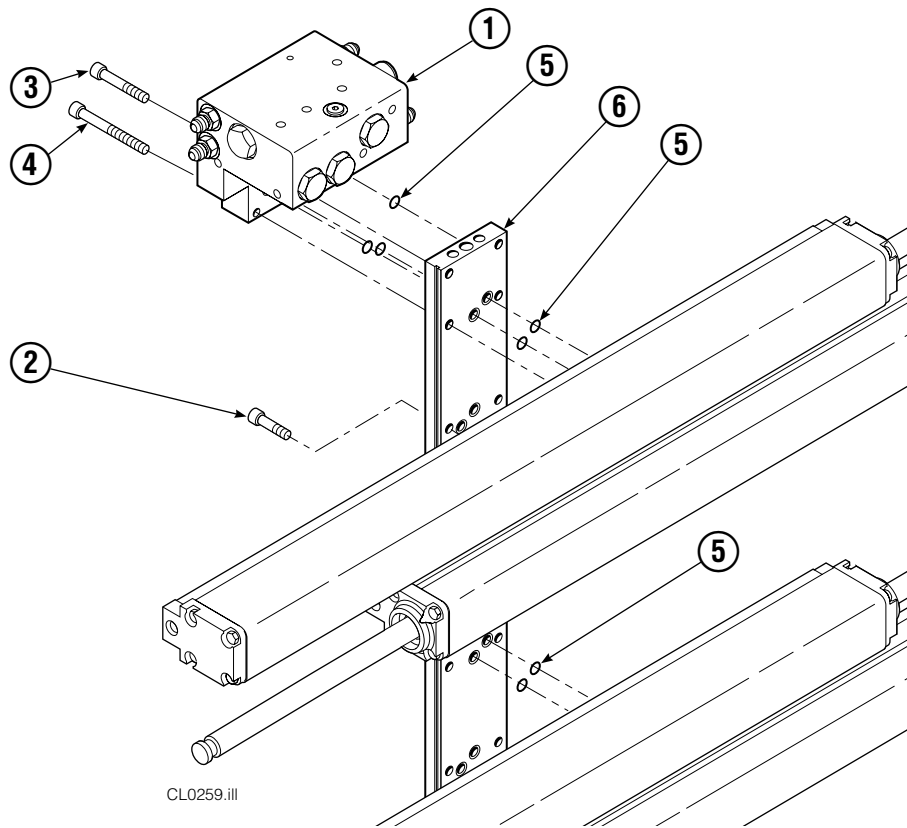


30E							
REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
		210117	Cylinder Assembly	8	2	210053	O-Ring ▲
1	1	210118	Cylinder/Shell	9	2	210050	Back-Up Ring ▲
2	1	4157-820	Rod	10	1	212477	Seal ▲
3	1	213783	Cap	11	1	209808	Seal ▲
4	8	768208	Capscrew, M8 x 25	12	2	214053	O-Ring ▲
5	1	209809	Bearing ▲	13	1	562131	Wiper ▲
6	1	787375	Capscrew, M8 x 20			210090	Service Kit
7	1	212452	Retainer				

▲ Included in Service Kit 210090.

Reference: S-4644, S-4643.

Hydraulic Group



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30E			
REF	QTY	PART NUMBER	DESCRIPTION
		399990	Valve Group
		212983	Manifold Group
1	1	397275	Valve Assembly ▲
2	6	768208	Capscrew, M8 x 25
3	2	768797	Capscrew, M8 x 40
4	2	768800	Capscrew, M8 x 60
5	11	214053	O-Ring
6	1	212974	Manifold
7	2	604510	Fitting, 6 ●

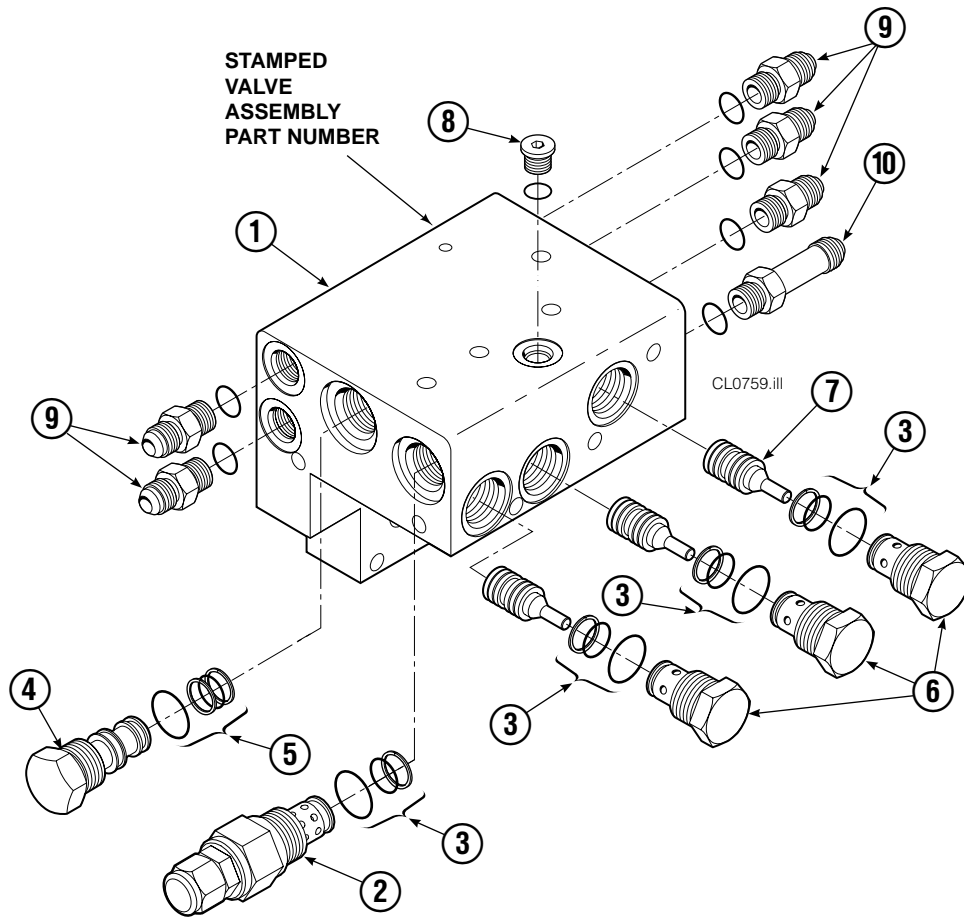
▲ See Valve page for parts breakdown.

● Used to plug sideshifting ports.

Reference: SK-6090.

Valve

Sideshifting Without Regeneration

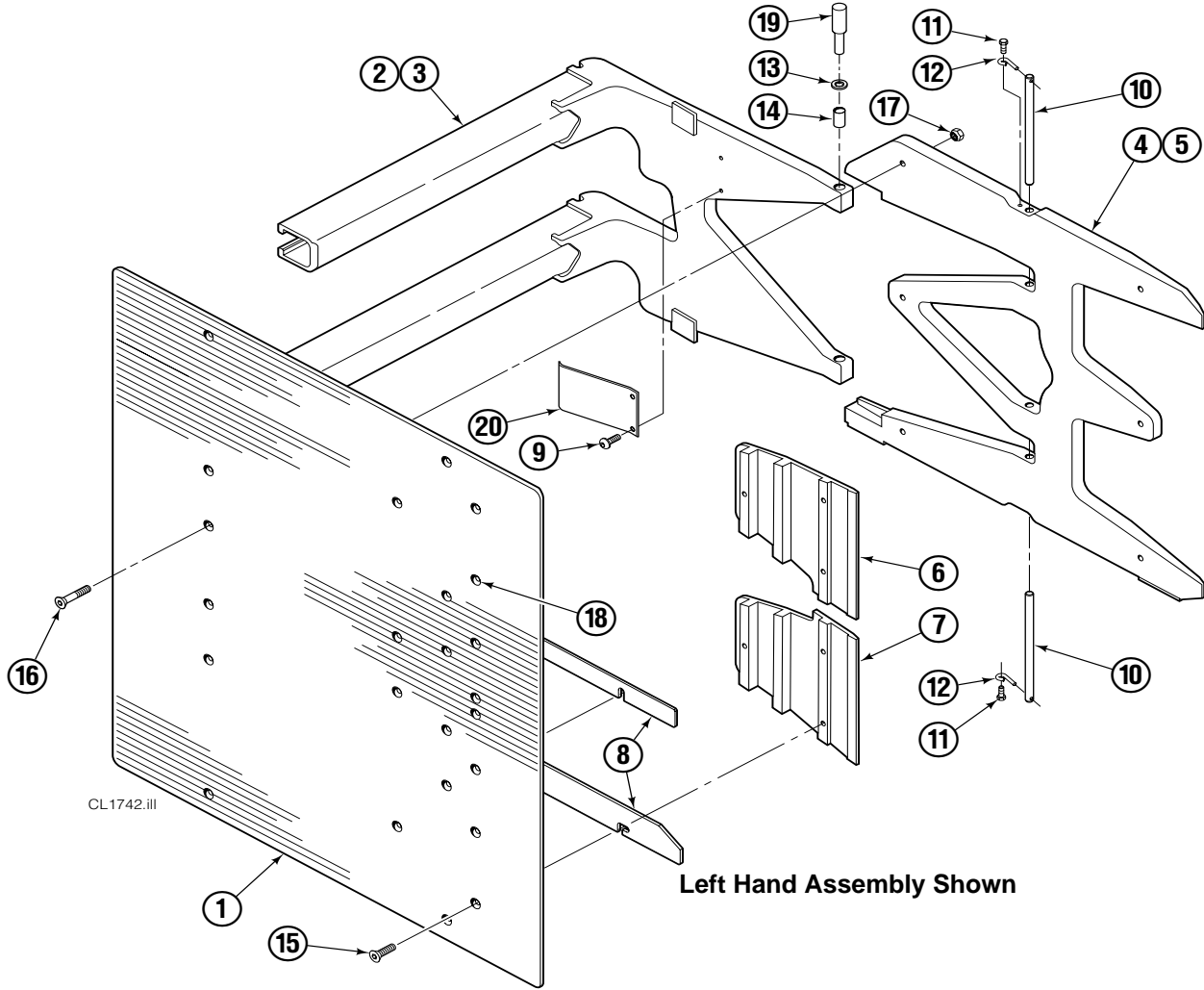


30E			
REF	QTY	PART NO.	DESCRIPTION
		397275	Valve Assembly
1	1	397274	Valve Body
2	1	214405	Crossover Relief Valve
3	4	682170	Seal Kit ▲
4	1	679988	Shuttle Valve
5	1	679991	Seal Kit ▲
6	3	6025134	Check Valve
7	3	215756	Piston
8	1	609234	Fitting, 4
9	5	604511	Fitting, 6-6 ●
10	1	605743	Fitting, 6-6 ●
		210452	Valve Service Kit

▲ Included in Valve Service Kit 397316.

● Included in Fitting Group 212978.

Arms and Pads



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Left Hand Assembly Shown

30E			
REF	QTY	CONTACT PAD WIDTH	DESCRIPTION
		47.2 in. (1200 mm)	
1	2	210481	Contact Pad – 47 in. (1200 mm) Height
2	1	212003	Arm – LH
3	1	212004	Arm – RH
4	1	210403	Stabilizer – LH
5	1	210406	Stabilizer – RH
6	2	210180	Filler Block – LH Upper/RH Lower
7	2	210179	Filler Block – LH Lower/RH Upper
8	1	217491	Shim Kit

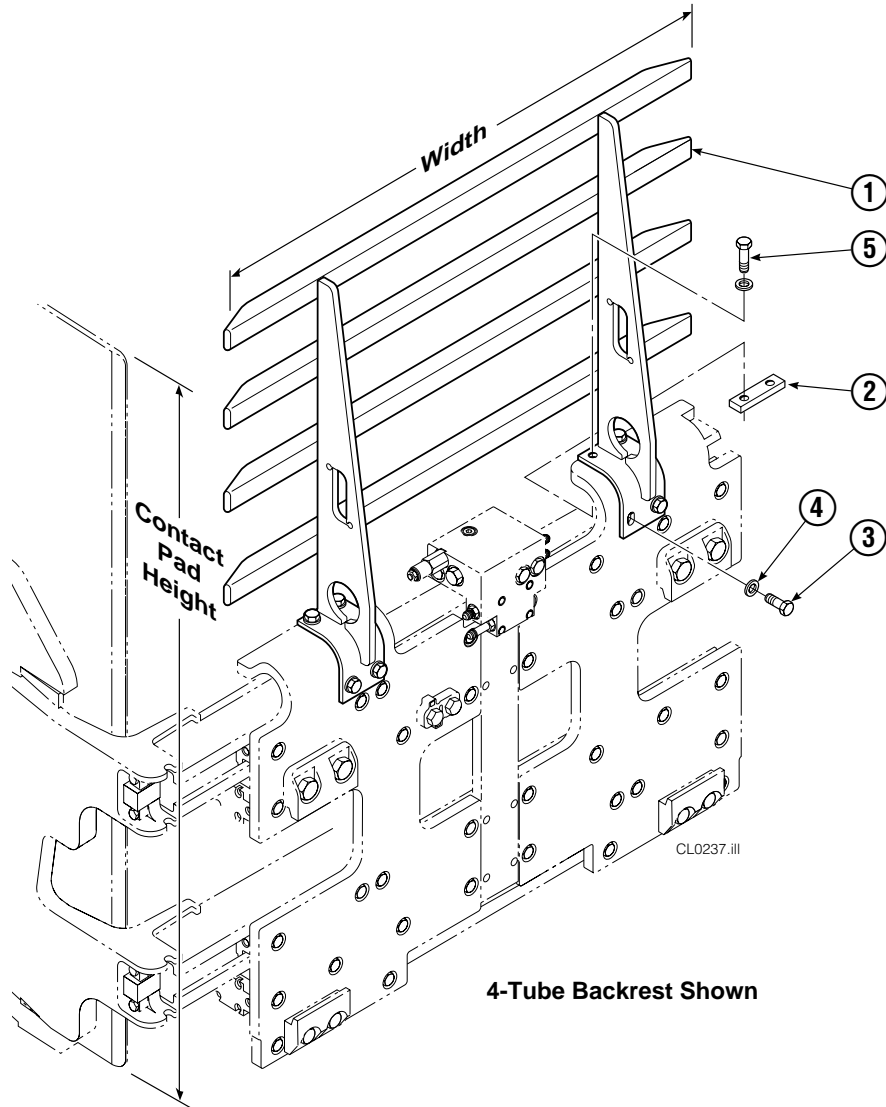
Common Parts

REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
9	4	203405	Capscrew, M10 x 16	15	12	766646	Capscrew, M10 x 20
10	4	210161	Pin	16	12	768706	Capscrew, M12 x 35
11	4	787372	Capscrew, M8 x 20	17	12	221409	Nut, M12
12	4	682999	Eye Pin	18	▲	673841	Contact Pad Repair Kit
13	8	675620	Washer, M10	19	1	675626	Bushing Driver Tool
14	8	200590	Bushing	20	2	210154	Spring

S-4246, S-4217, Stabilizer Group 210409.
Common Parts 210495.

▲ Repairs one hole.

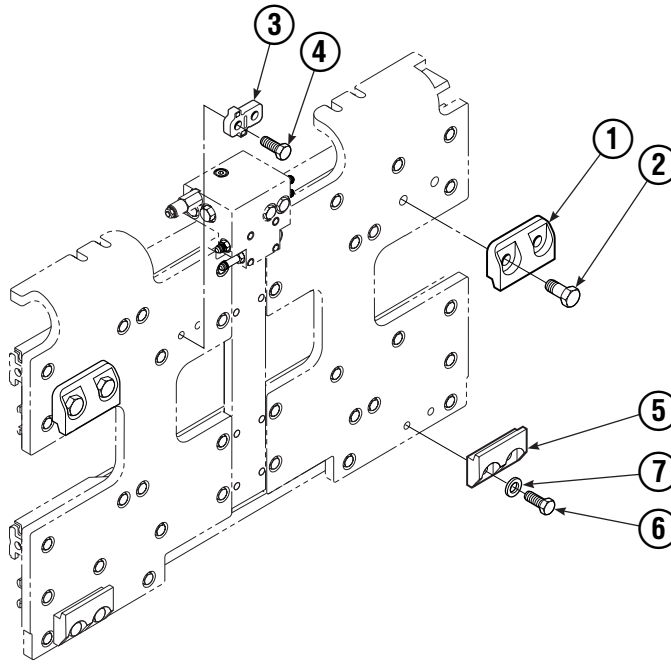
Backrest Group



33E				
REF	QTY	CONTACT PAD HEIGHT		DESCRIPTION
		47 in. (1200 mm) – 3 -Tube		
1	1	210525		Backrest ▲ – 40 in. (1016 mm) width
2	2	210155		Plate
3	4	211689		Capscrew, M12 x 30
4	8	202251		Washer, M12
5	4	206174		Capscrew, M12 x 45

▲ Backrest without Solenoid Adaption mounting.
Reference: 211448 (items 2 thru 5), S-4198, S-4265.

Bolt-On Mounting Group



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33E			
REF	QTY	ITA II	DESCRIPTION
		PART NO.	
		211162	Upper Mounting Group ▲
		211173	Lower Mounting Group ●
1	2	210491	Upper Hook
2	4	768577	Capscrew, M20 x 35
3	1	212999	Center Key
4	2	211129	Capscrew, M16 x 35
5	2	675968	Lower Hook
6	4	211128	Capscrew, M16 x 30
7	4	211179	Washer, M16

▲ Includes items 1–4.

● Includes items 4–6.

Reference: SK-6089.

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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