



Parts Manual

Model 55C-RC-03A (Roll Clamp)

Serial Number 663031

cascade®
corporation

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

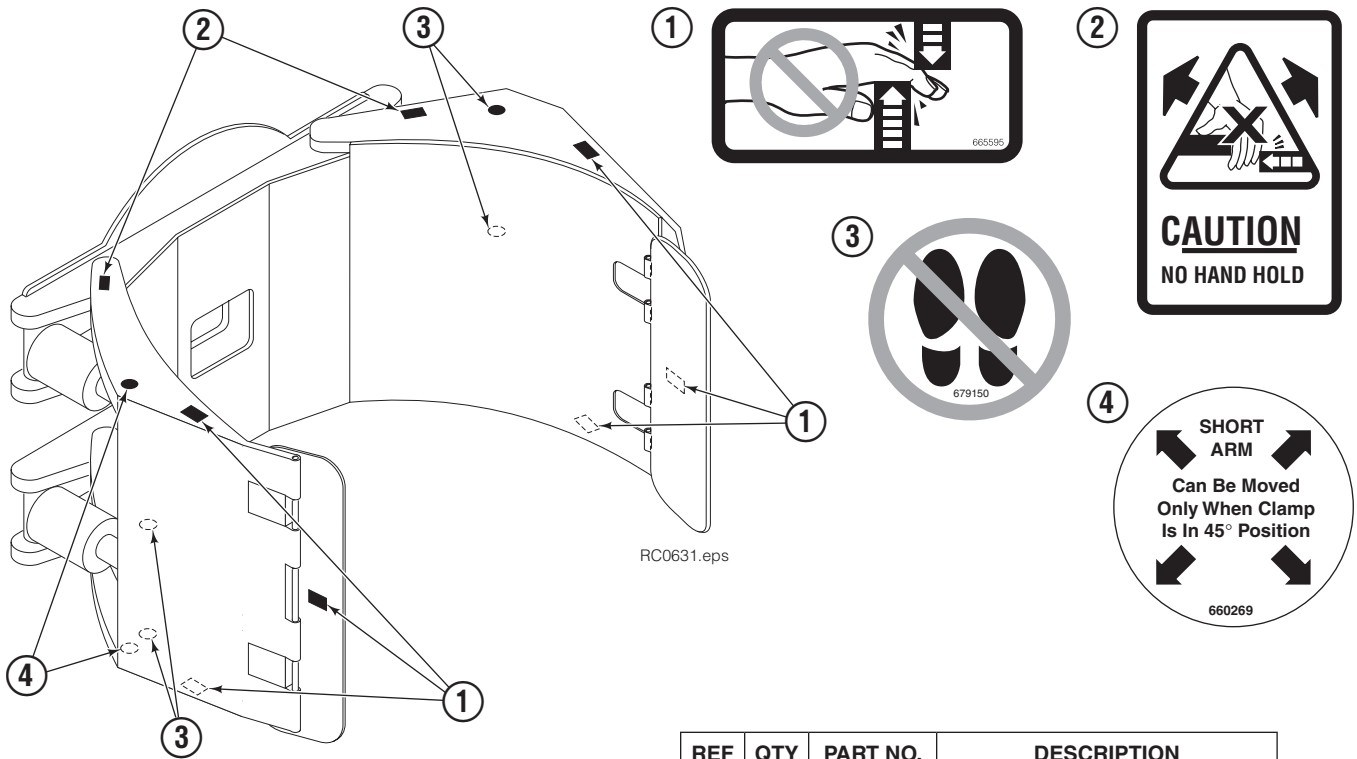
To Order Parts call: 888-227-2233, Fax: 888-329-0234

OR

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

Internet: www.cascorp.com

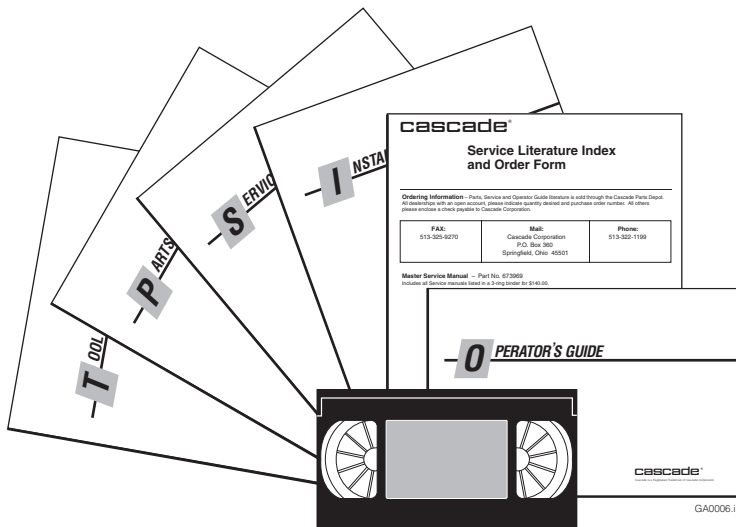
Safety Decals



RC0631.eps

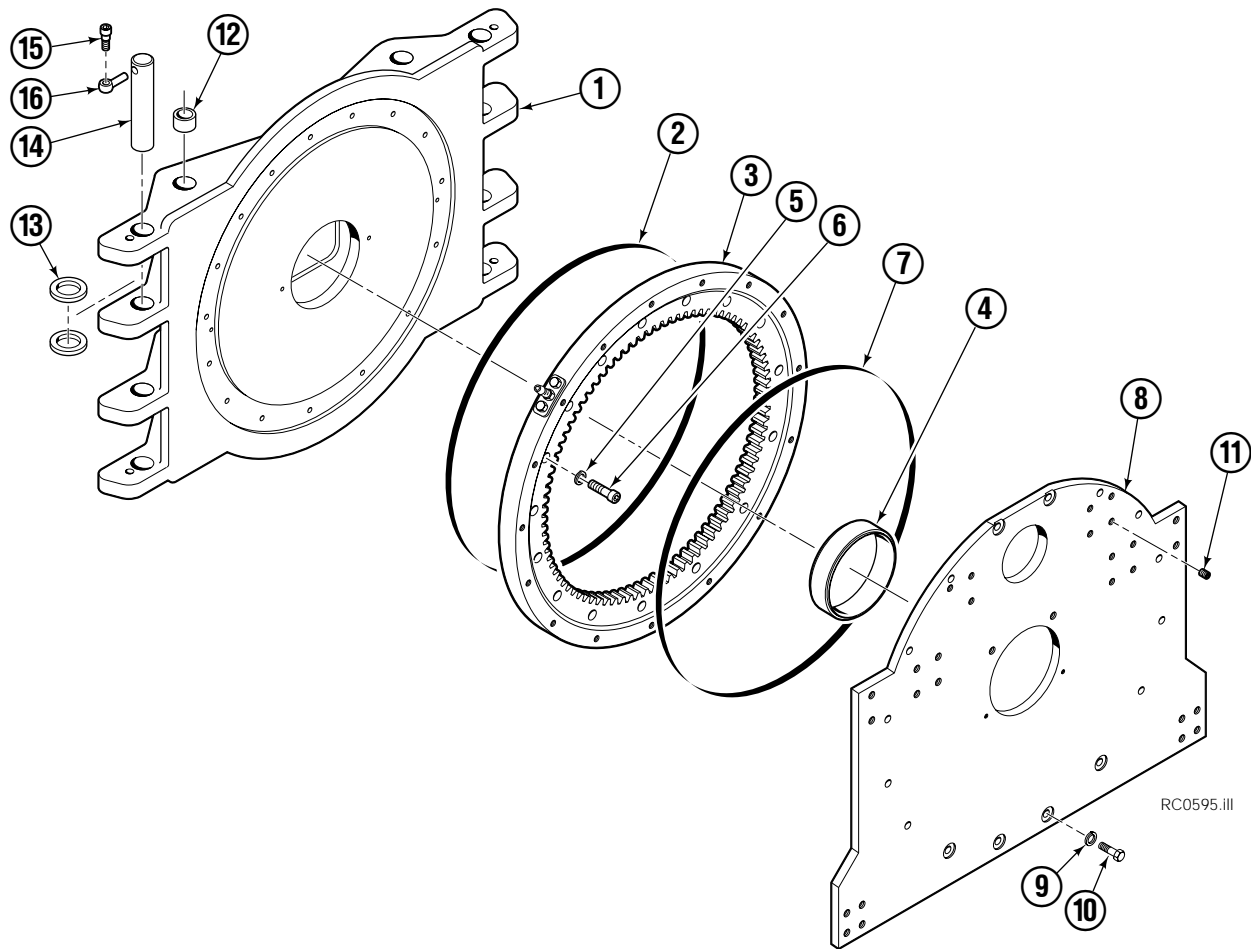
REF	QTY	PART NO.	DESCRIPTION
1	4	665595	No Hand Hold Decal
2	6	656038	No Hand Hold Decal
3	4	679150	No Step Decal
4	2	660269	Short Arm Decal

Publications



25C – 100C	
PART NO.	DESCRIPTION
667445	Service Manual
210135	Operators Guide
665519	Installation Instructions
680664	Servicing Cascade Cylinders-VHS
679929	Tool Catalog
673964	Literature Index Order Form

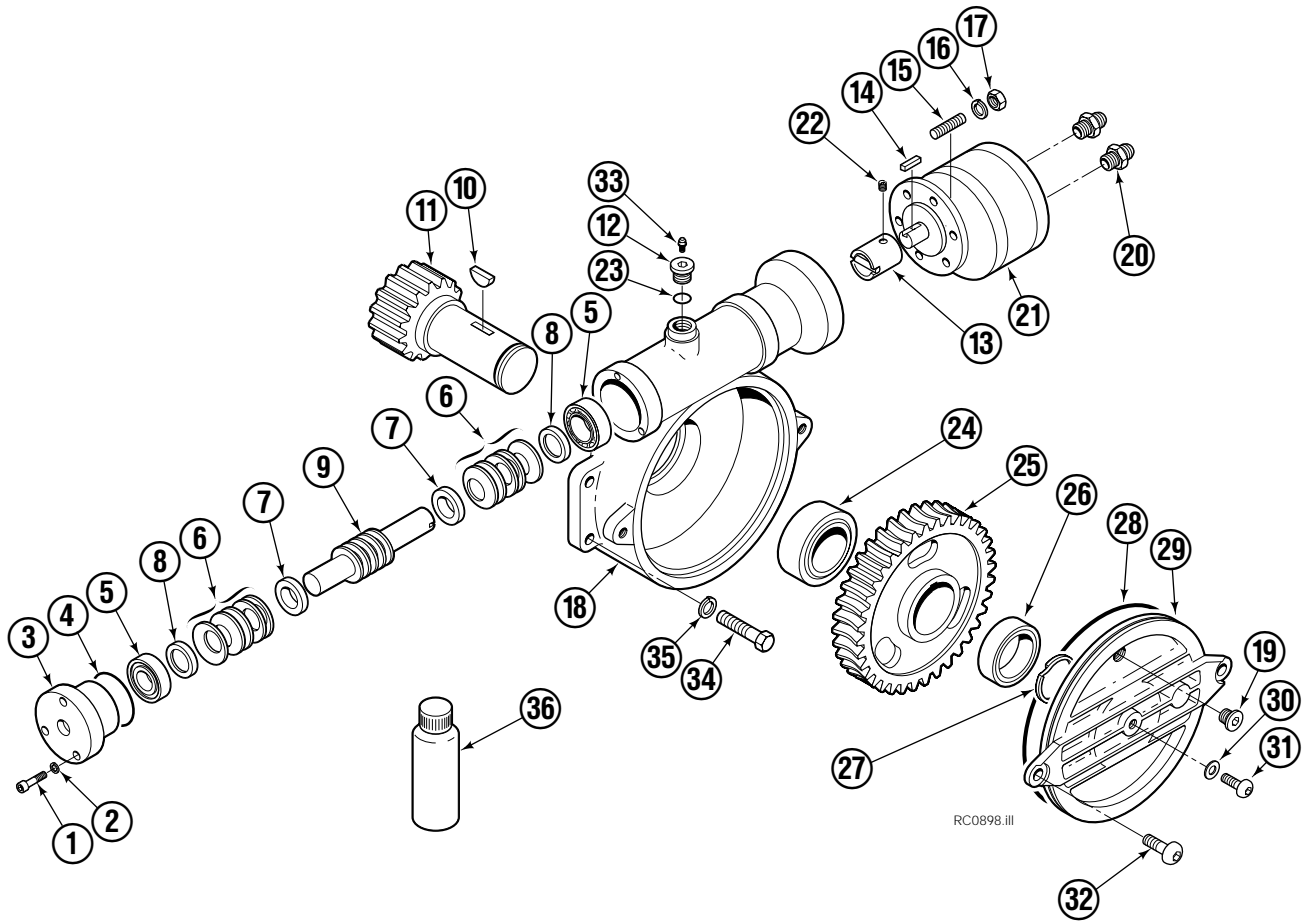
Rotator Frame



RC0595.III

55C			
REF	QTY	PART NO.	DESCRIPTION
		660193	Rotator Frame
1	1	660194	Frame - Revolving
2	1	622112	Seal
3	1	656332	Bearing Assembly
4	1	631264	Seal
5	16	6374	Lockwasher
6	16	4506	Capscrew
7	1	622123	Seal
8	1	633684	Baseplate
9	16	6290	Lockwasher
10	16	636407	Capscrew
11	1	6605	Plug
12	8	660199	Bushing
13	16	660200	Shim
14	4	661174	Pin
15	4	651090	Shoulder Bolt
16	4	651091	Eye Bolt

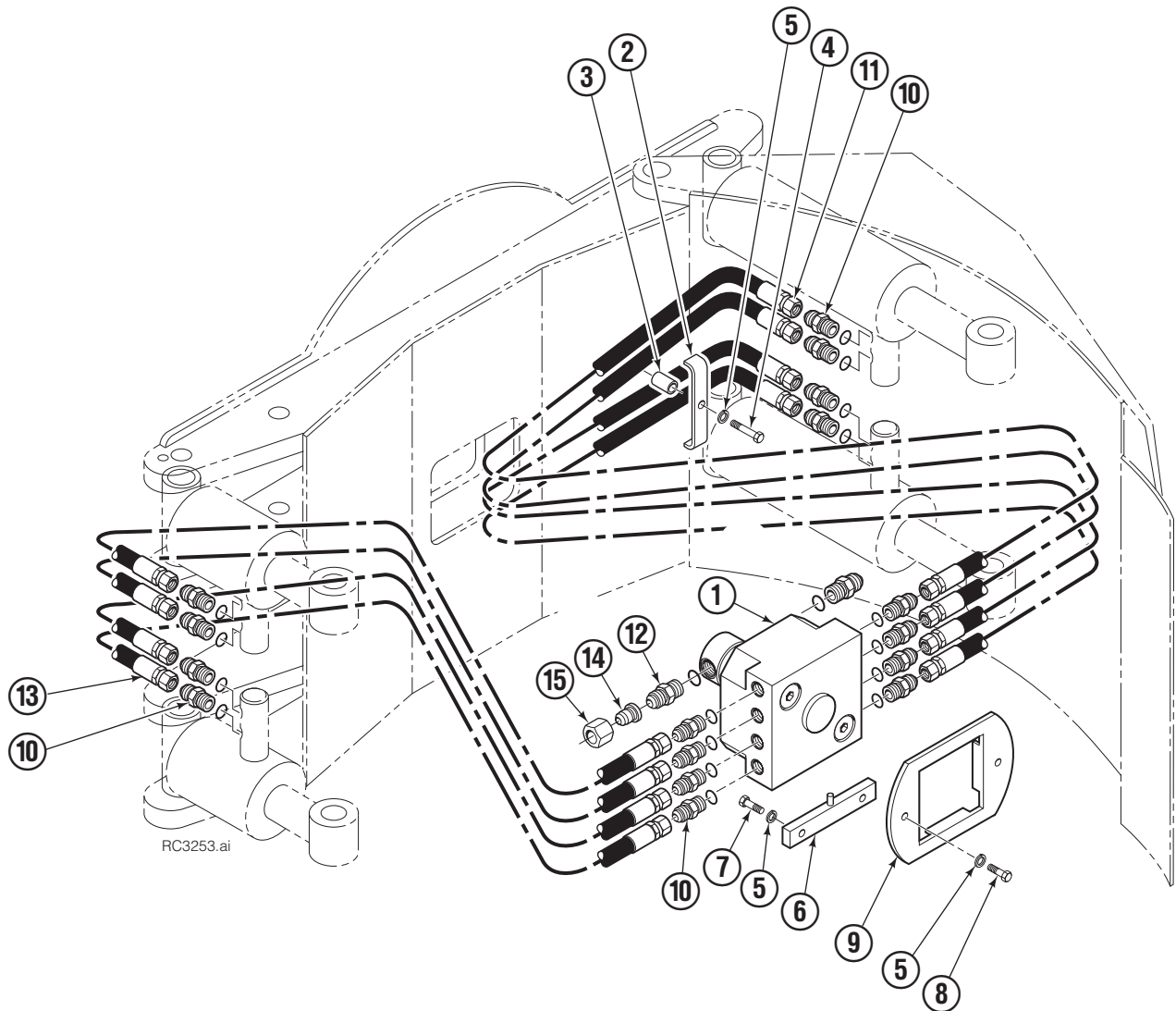
Drive Group



55C							
REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
		656059	Drive Group	19	1	609455	Plug
1	3	4441	Capscrew, .25 x 1.0	20	2	2313	Fitting, 8-12
2	3	6370	Lockwasher, .25	21	1	655968	Motor - 2M023A1B2
3	1	669211	Cap	22	1	5206	Setscrew
4	1	2787	O-Ring	23	1	643375	O-Ring
5	2	13663	Bearing	24	1	13661	Bearing
6	10	655645	Spring Washer	25	1	625430	Worm Gear
7	2	655600	Thrust Washer	26	1	13662	Bearing
8	2	655601	Thrust Washer	27	1	7204	Snap Ring
9	1	655597	Worm	28	1	2833	O-Ring
10	1	13654	Key	29	1	668143	Cover
11	1	666263	Pinion	30	1	603680	Seal
12	1	668154	Plug	31	1	783608	Capscrew, M10 x 16
13	1	655598	Coupling	32	2	675521	Capscrew, .625 x 1.0
14	1	625434	Key	33	1	644010	Relief Fitting
15	6	610392	Stud	34	4	661742	Capscrew, .50 x 1.25
16	6	6288	Lockwasher, .375	35	4	6290	Lockwasher, .50
17	6	5702	Nut, .375	36	1	656300	Gear Box Lube, 48 oz.
18	1	625429	Case				

Reference: Worm Drive Assembly 656622.

Check Valve Group

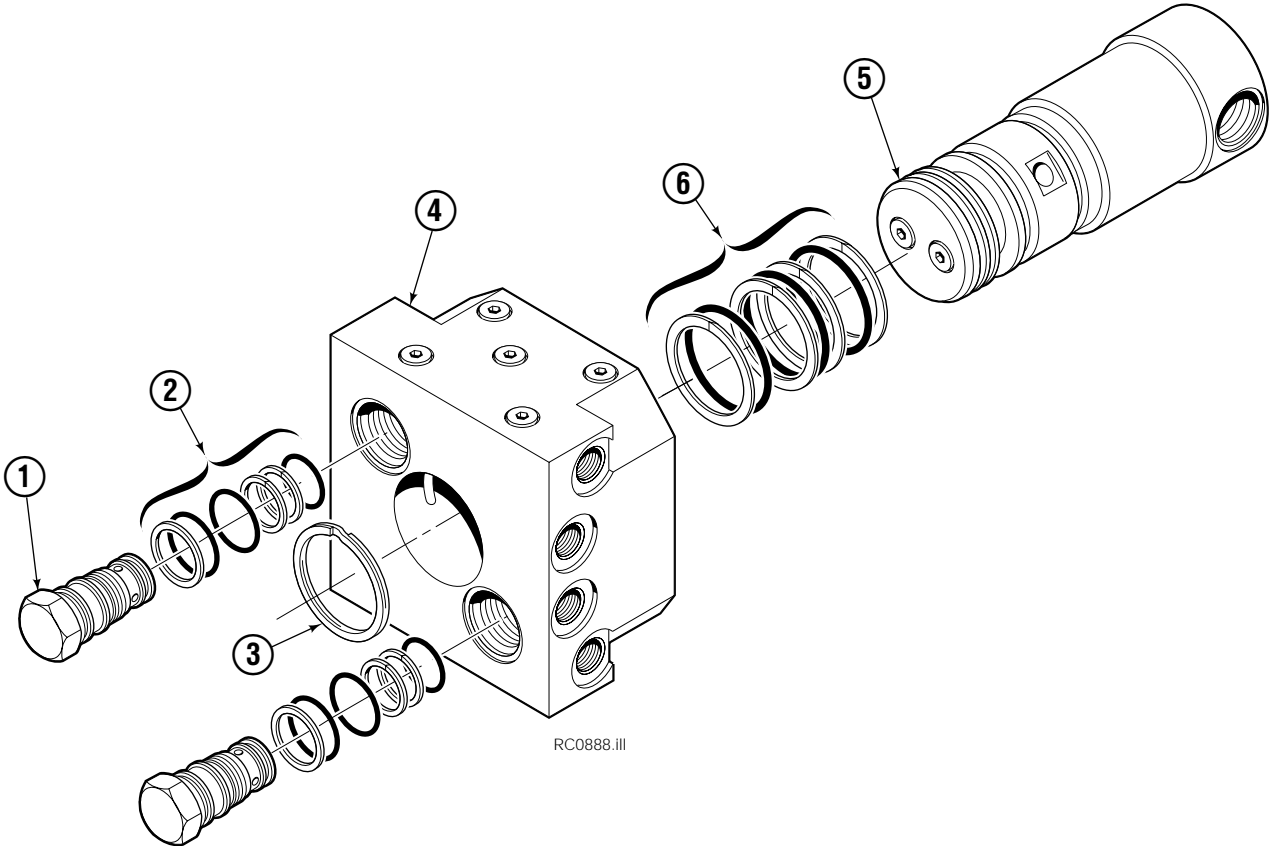


RC3253.ai

REF	QTY	PART NO.	DESCRIPTION
		660201	Check Valve Group
1	1	676220	Revolving Connection
2	2	645597	Hose Clamp
3	2	645598	Spacer
4	2	3604	Capscrew, 3/8 NC x 1.25
5	6	6288	Lockwasher, 3/8
6	1	661582	Keeper
7	2	3605	Capscrew, 3/8 NC x 1.50
8	2	3601	Capscrew, 3/8 NC x .75
9	1	645599	Retainer
10	16	604511	Fitting, 6-6
11	4	660203	Hose – 27.50 in.
12	2	601377	Fitting, 8-8
13	4	603722	Hose – 21.00 in.
14	2	2671	Reducer
15	2	2618	Nut

Reference: SK-4009.

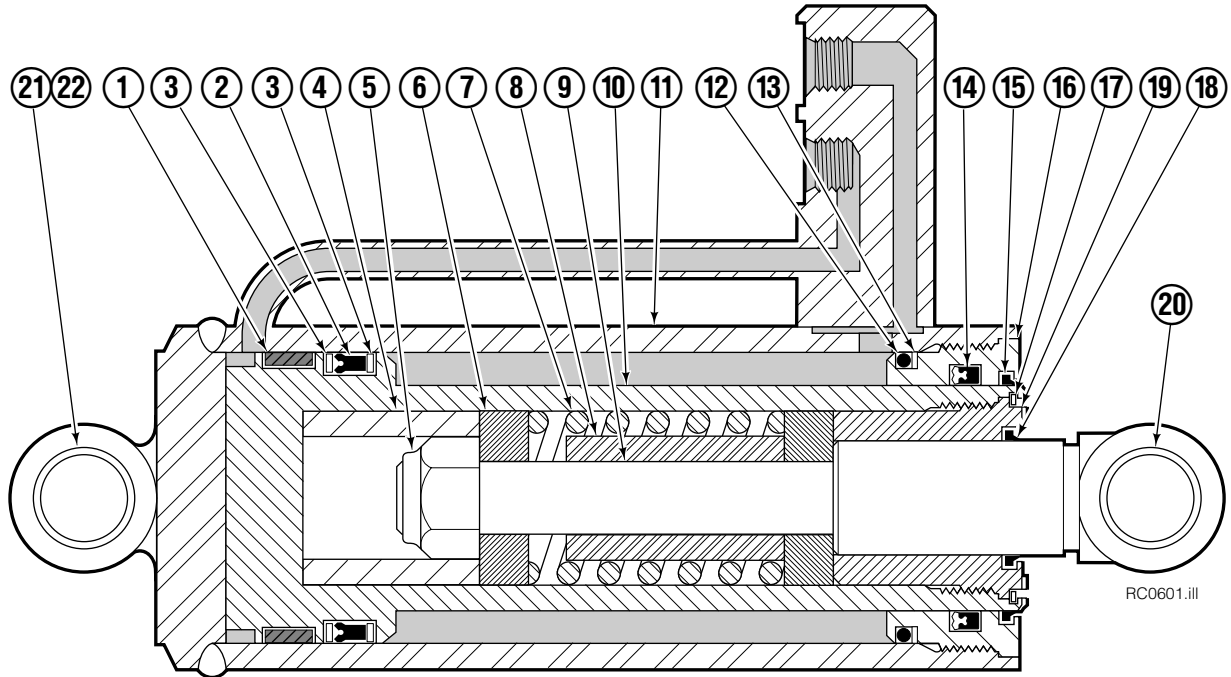
Revolving Connection



55D			
REF	QTY	PART NO.	DESCRIPTION
		676220	Revolving Connection
1	2	661816	Valve Cartridge ♦
		656223	Service Kit, Cartridge Seals
		7205	Snap Ring
		676221	Body
		676224	Shaft
		651876	Service Kit, Shaft Seals

♦ Includes Cartridge Seal Service Kit 656223.

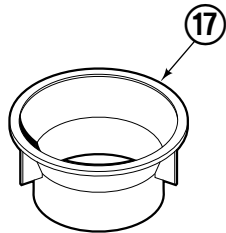
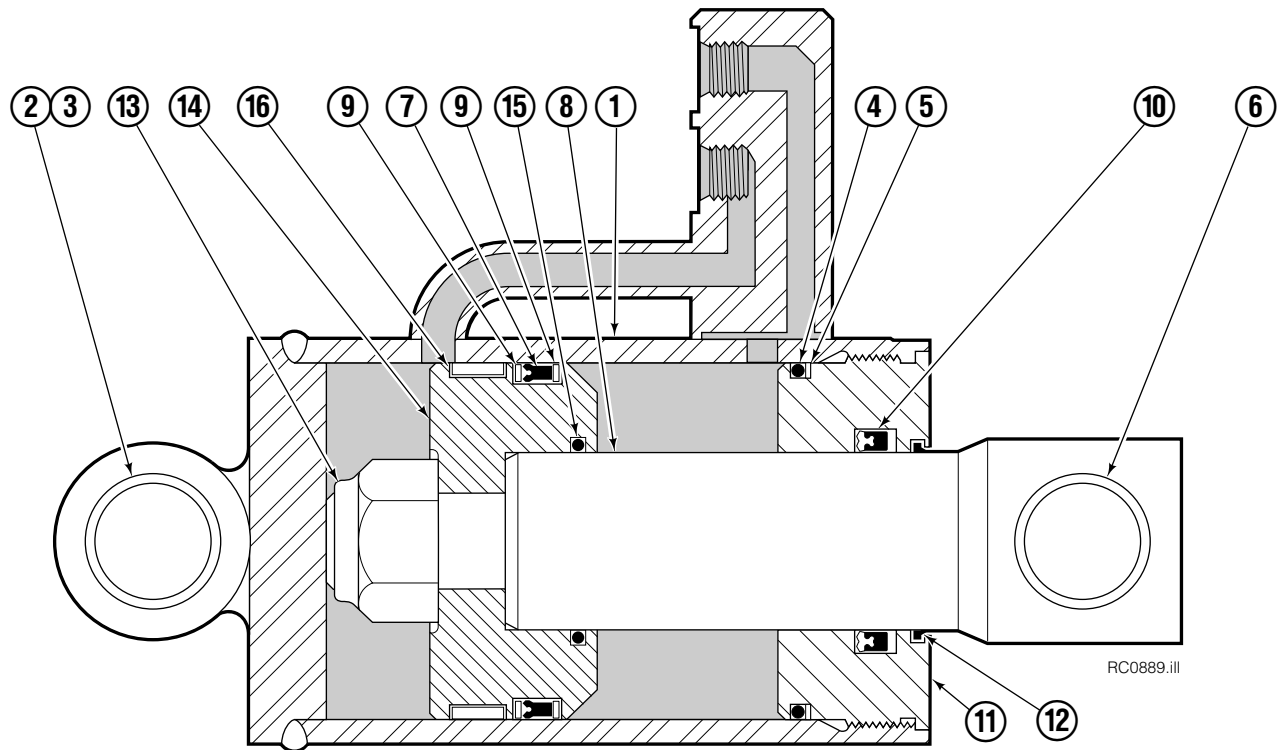
Long Arm Cylinder



55D			
REF	QTY	PART NO.	DESCRIPTION
		660140	Cylinder
1	1	660769	◆ Bearing
2	1	555727	◆ Seal
3	2	660958	◆ Nylon Ring
4	1	660145	Spacer
5	1	5883	Nut
6	2	659933	Piston Half
7	1	651480	Spring
8	1	659902	Spacer
9	1	659934	Rod
10	1	660143	Plunger Shell
11	1	660141	Shell
12	1	2801	◆ O-Ring
13	1	615144	◆ Back-up Ring
14	1	553523	◆ Seal
15	1	636859	◆ Wiper Ring
16	1	659937	Retainer
17	1	659936	Snap Ring
18	1	636854	◆ Wiper Ring
19	1	659935	Retainer
20	1	629313	Bushing
21	2	629315	Bushing
22	1	651382	Sleeve
23	1	669243	◆ Seal Loader (not shown)
		660955	Service Kit

◆ Included in Cylinder Service Kit 660955.

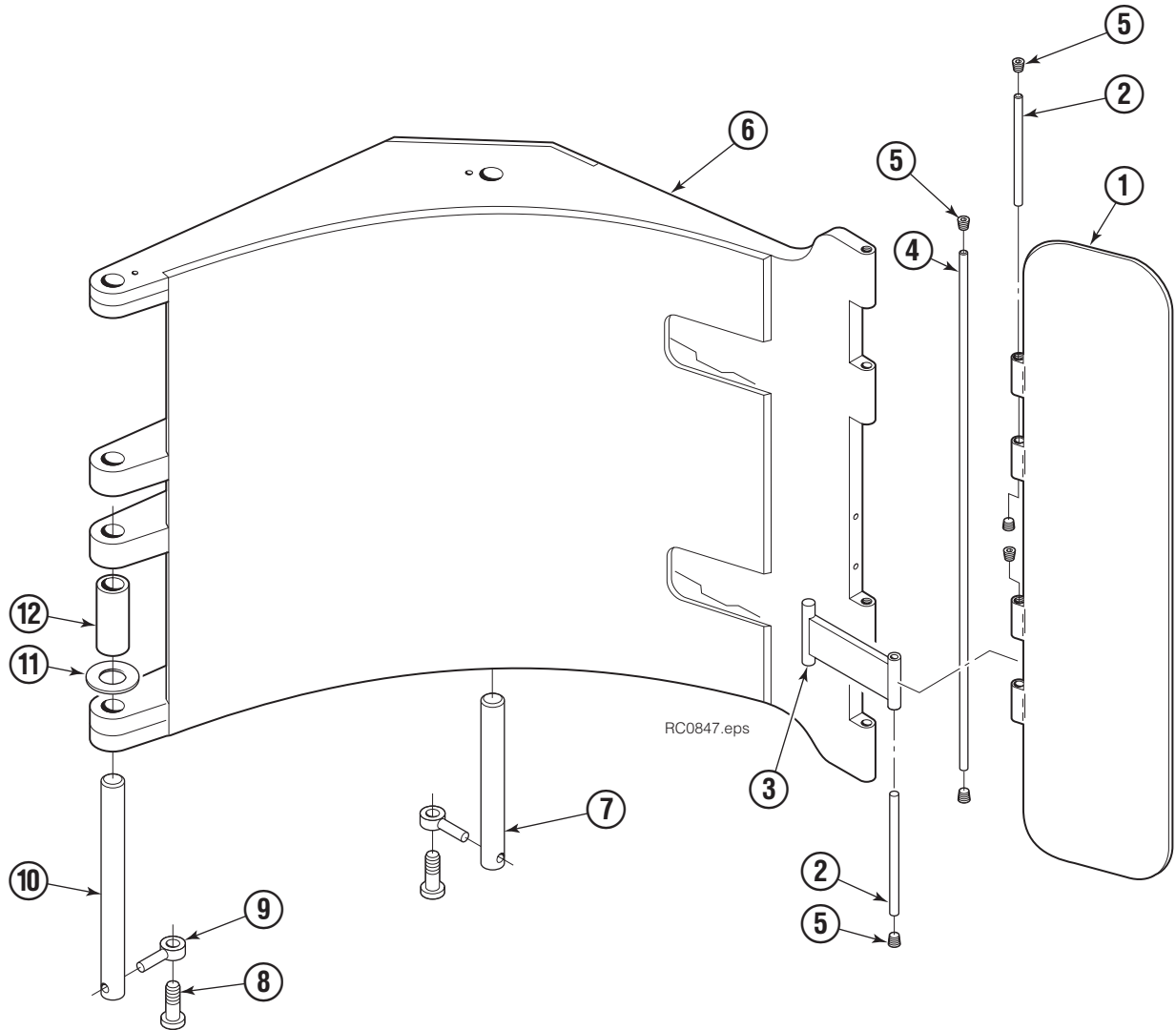
Short Arm Cylinder



55D			
REF	QTY	PART NO.	DESCRIPTION
		660148	Cylinder
1	1	660149	Shell
2	2	629315	Bushing
3	1	651382	Sleeve
4	1	2797	◆ O-Ring
5	1	615140	◆ Back-up Ring
6	1	629313	Bushing
7	1	555726	◆ Seal
8	1	660151	Rod
9	2	660951	◆ Nylon Ring
10	1	556128	◆ Seal
11	1	659957	Retainer
12	1	636854	◆ Wiper Ring
13	1	5883	Nut
14	1	659956	Piston
15	1	2784	◆ O-Ring
16	1	660767	◆ Bearing
17	1	669235	◆ Seal Loader
		660954	Service Kit

◆ Included in Cylinder Service Kit 660954.

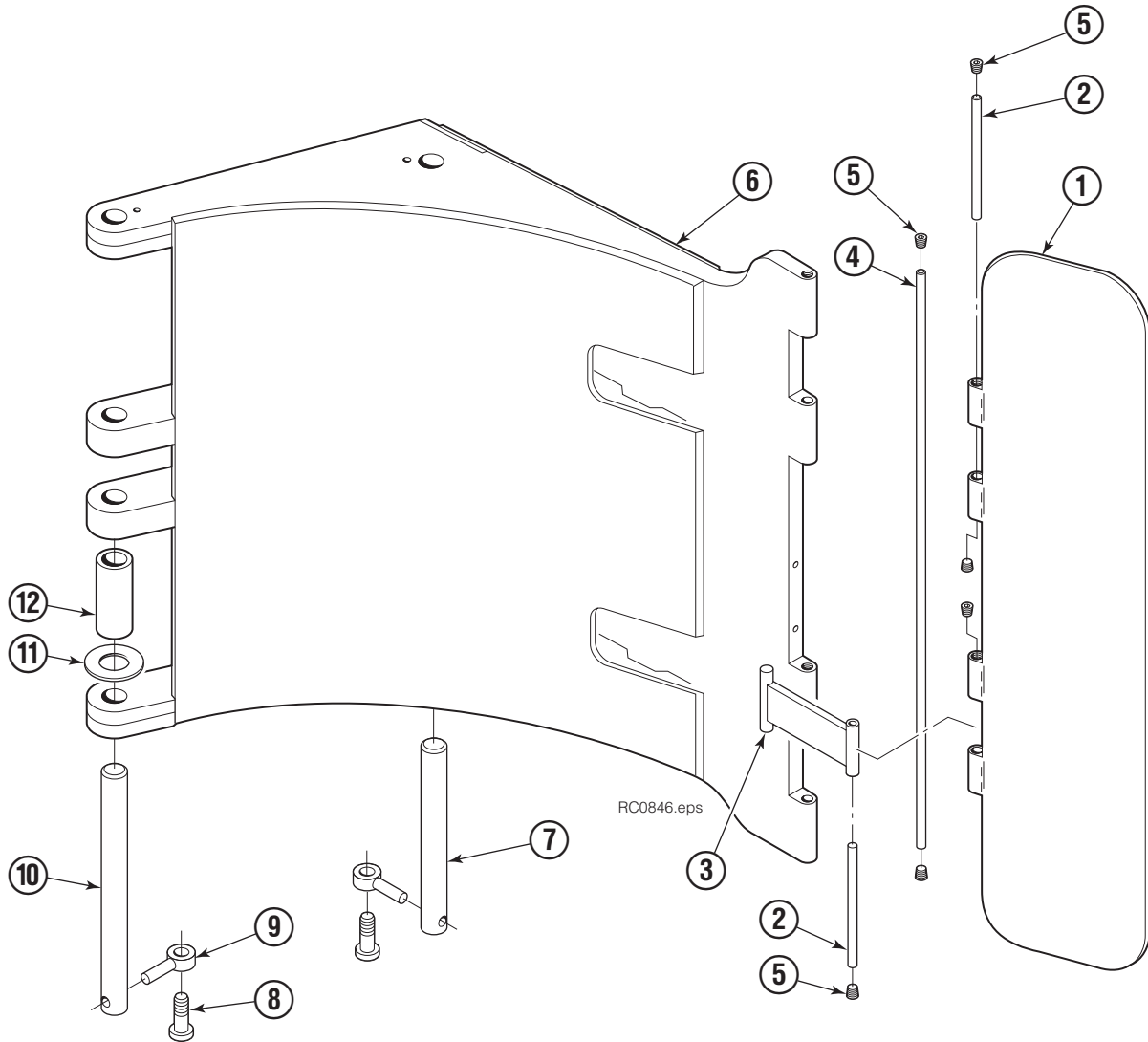
Long Arm Assembly



55C			
REF	QTY	PART NO.	DESCRIPTION
		660208	Long Arm Assembly
1	1	660169	◆ Contact Plate - Algrip
2	2	650846	◆ Pin
3	2	660209	◆ Link
4	1	660176	◆ Pin
5	6	651113	◆ Plug
6	1	660211	◆ Long Arm
7	2	661174	Pin
8	4	651090	Shoulder Bolt
9	4	651091	Eye Bolt
10	2	651374	Pin
11	2	660189	Shim
12	2	661175	Tube - Spacer

◆ Included in Long Arm Sub-Assembly 660188.

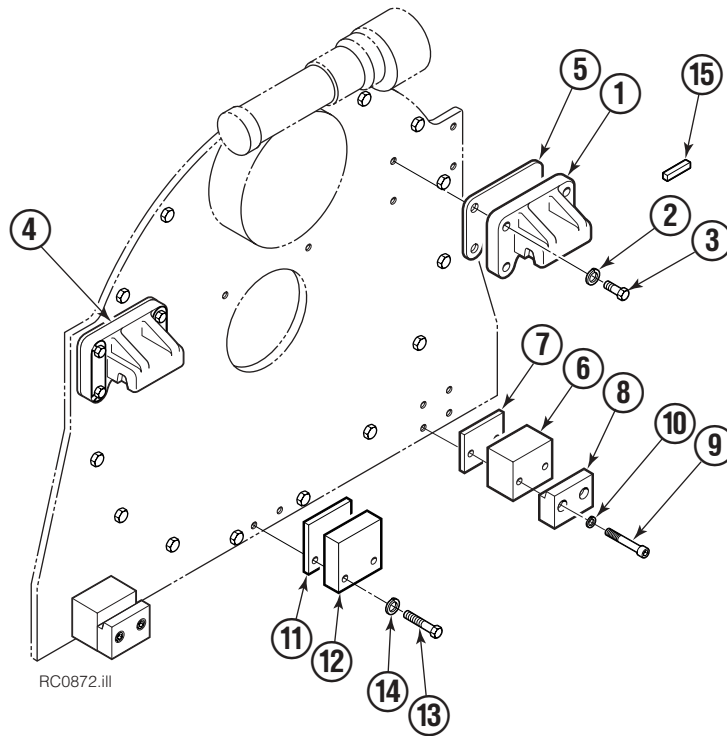
Short Arm Assembly



55C			
REF	QTY	PART NO.	DESCRIPTION
		660167	Short Arm Assembly
1	1	660169	◆ Contact Plate - Algrip
2	2	650846	◆ Pin
3	2	660172	◆ Link
4	1	660176	◆ Pin
5	6	651113	◆ Plug
6	1	660177	◆ Short Arm
7	2	661174	Pin
8	4	651090	Shoulder Bolt
9	4	651091	Eye Bolt
10	2	651374	Pin
11	2	660189	Shim
12	2	661175	Tube - Spacer

◆ Included in Short Arm Sub-Assembly 660168.

Mounting Group



Class II, 0°

REF	QTY	PART NO.	DESCRIPTION
		662612	Mounting Group
1	1	662606	Upper Hook, RH
2	8	6292	Lockwasher
3	8	638601	Capscrew
4	1	662630	Upper Hook, LH
5	2	660307	Spacer
6	2	632904	Spacer
7	2	627369	Spacer
8	2	625450	Lower Hook
9	4	607094	Capscrew
10	4	6447	Lockwasher
11	1	639229	Spacer
12	1	639230	Spacer
13	2	3612	Capscrew
14	2	6288	Lockwasher
15	1	669344	Stop Block Kit

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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