



# Parts Manual

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Model 55C-RC-03N fF c ``7 `Ua dL

Serial Number 657598

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**cascade**®  
**corporation**

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

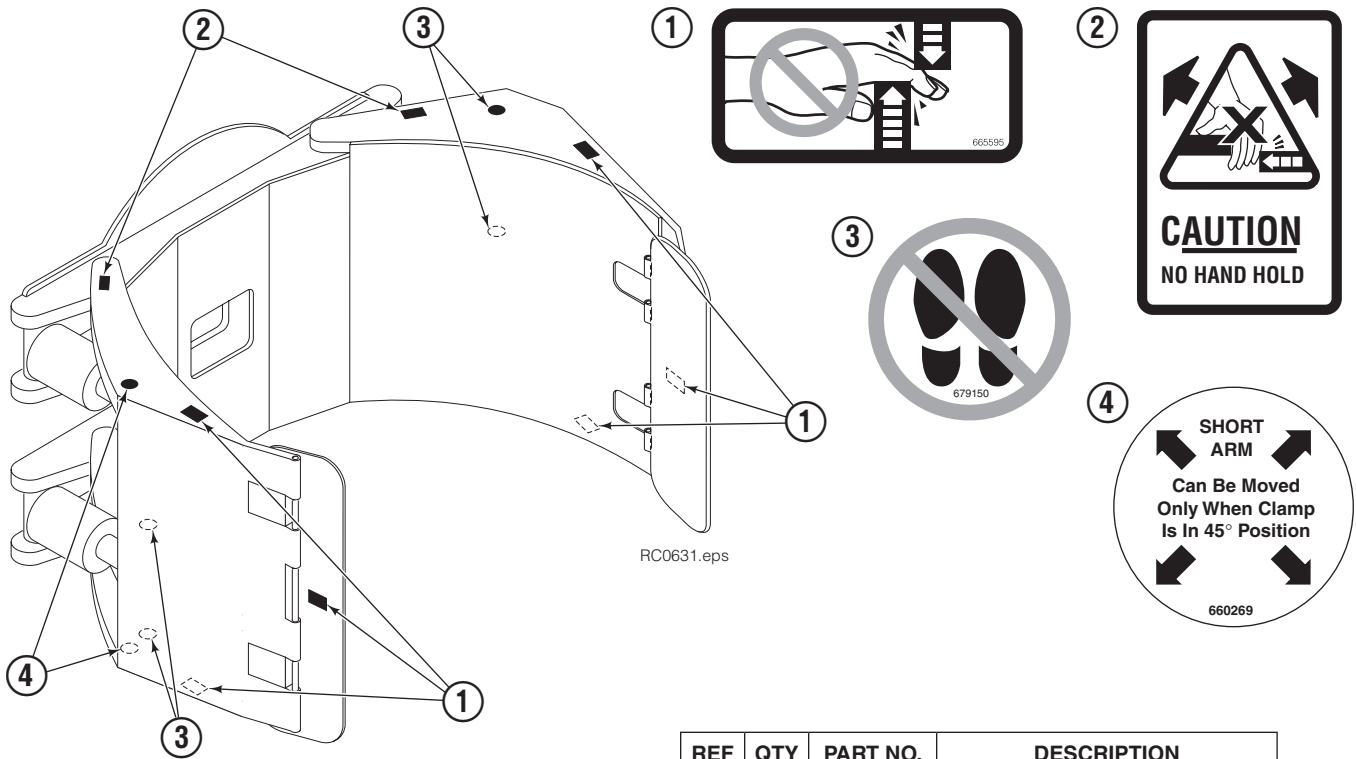
**To Order Parts call:** 888-227-2233, Fax: 888-329-0234

**OR**

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

**Internet:** [www.cascorp.com](http://www.cascorp.com)

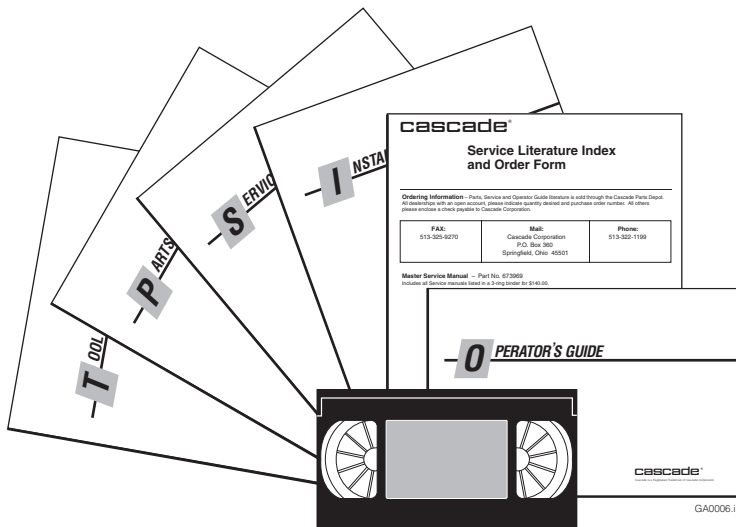
# Safety Decals



RC0631.eps

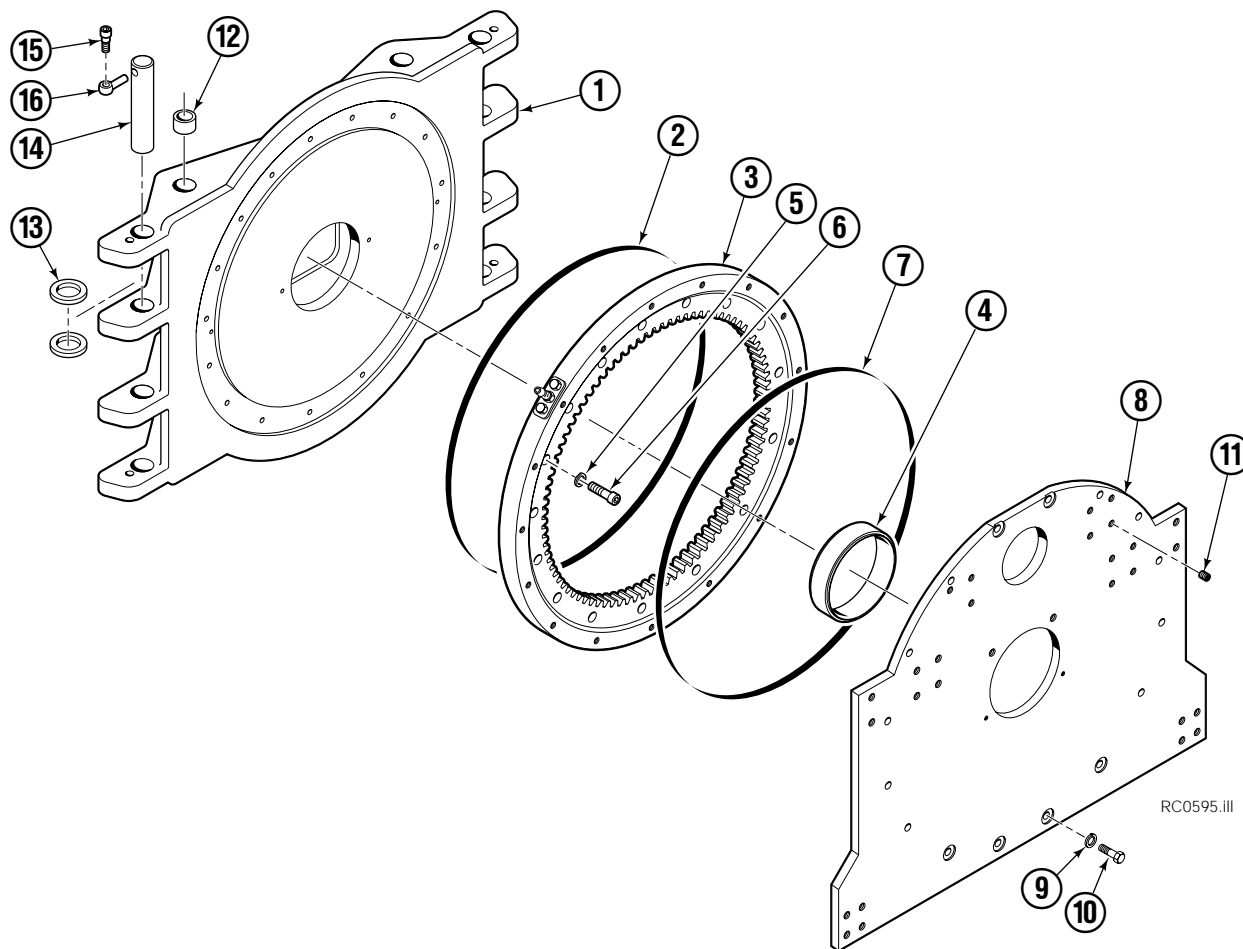
REF	QTY	PART NO.	DESCRIPTION
1	4	665595	No Hand Hold Decal
2	6	656038	No Hand Hold Decal
3	4	679150	No Step Decal
4	2	660269	Short Arm Decal

# 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

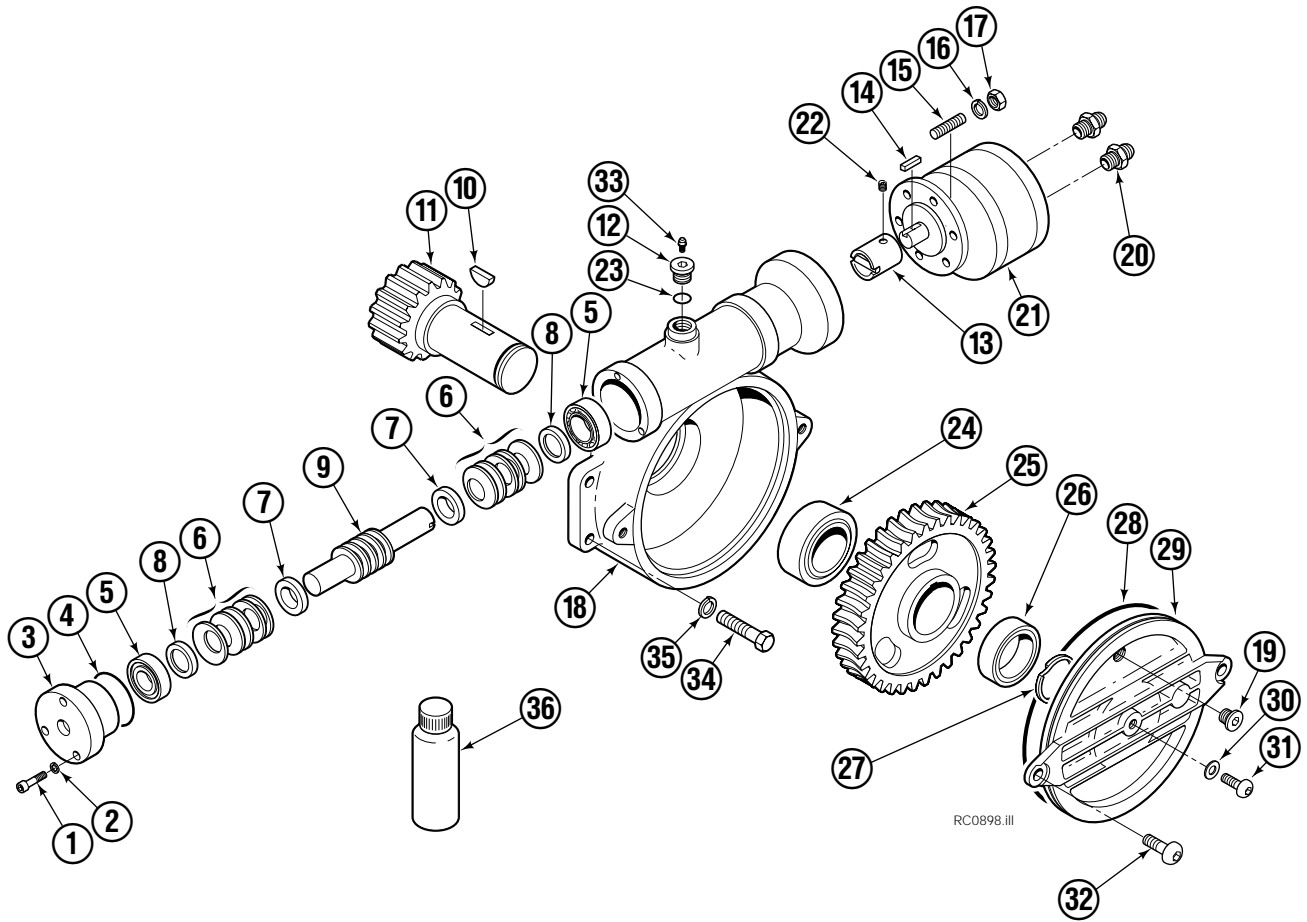
# Rotator Frame



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

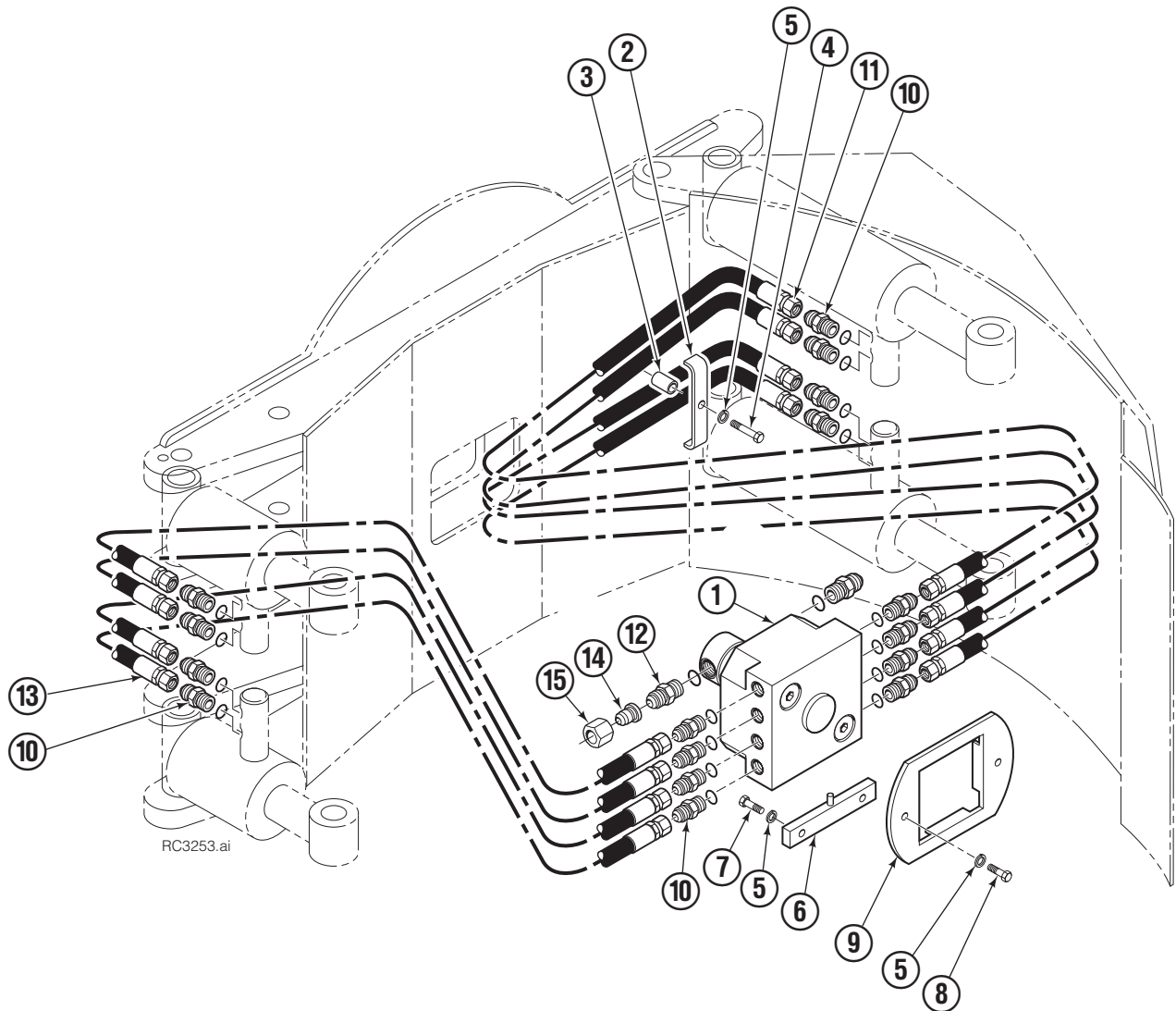
# Drive Group



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

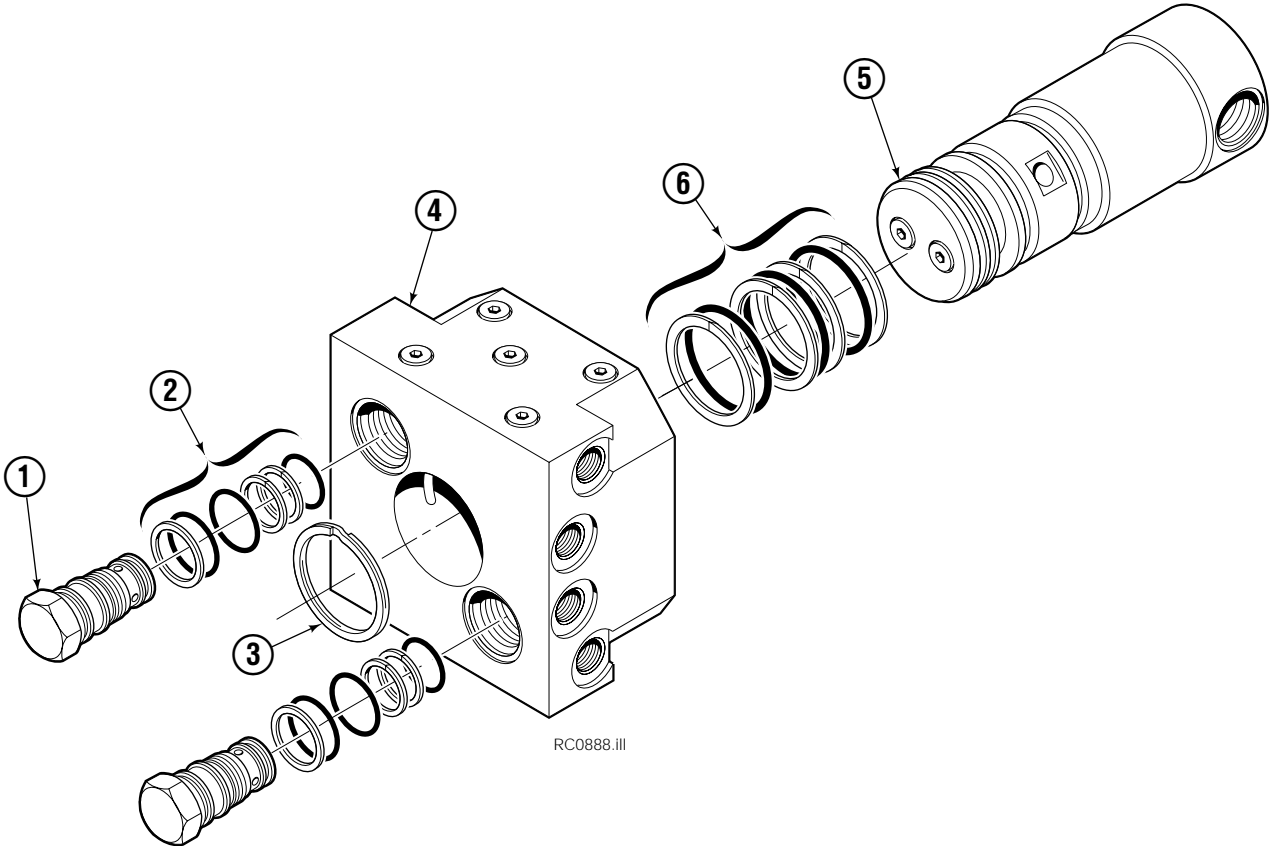


RC3253.ai

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.

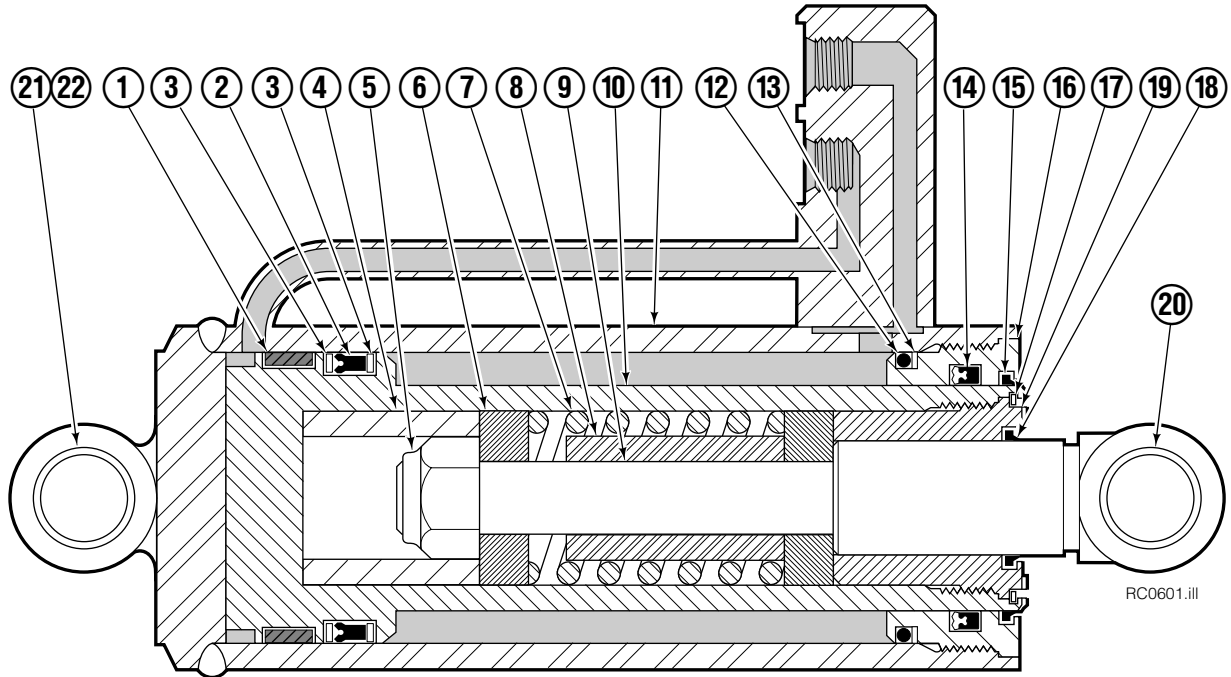
# Revolving Connection



<b>55D</b>			
REF	QTY	PART NO.	DESCRIPTION
		676220	Revolving Connection
1	2	661816	Valve Cartridge ♦
2	5	656223	Service Kit, Cartridge Seals
3	1	7205	Snap Ring
4	1	676221	Body
5	1	676224	Shaft
6	1	651876	Service Kit, Shaft Seals

♦ Includes Cartridge Seal Service Kit 656223.

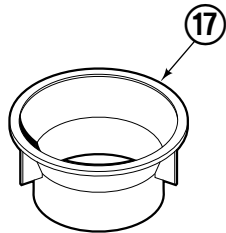
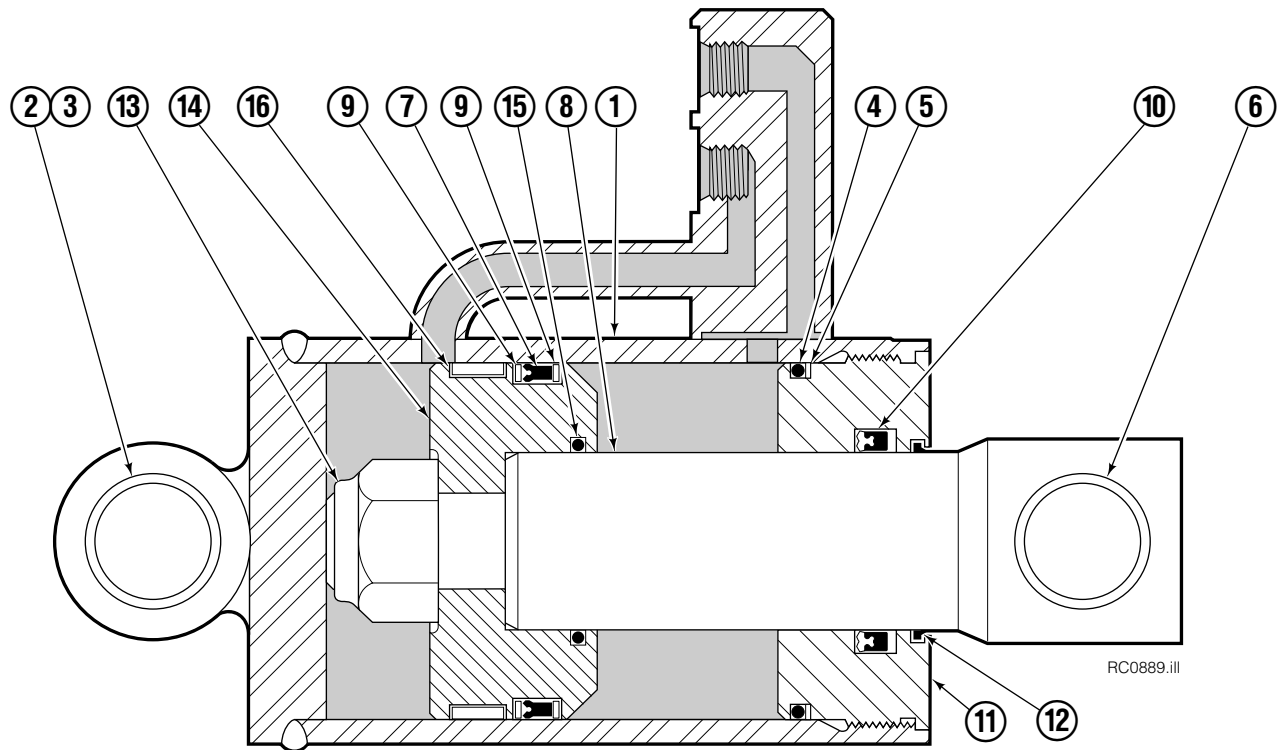
# Long Arm Cylinder



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.

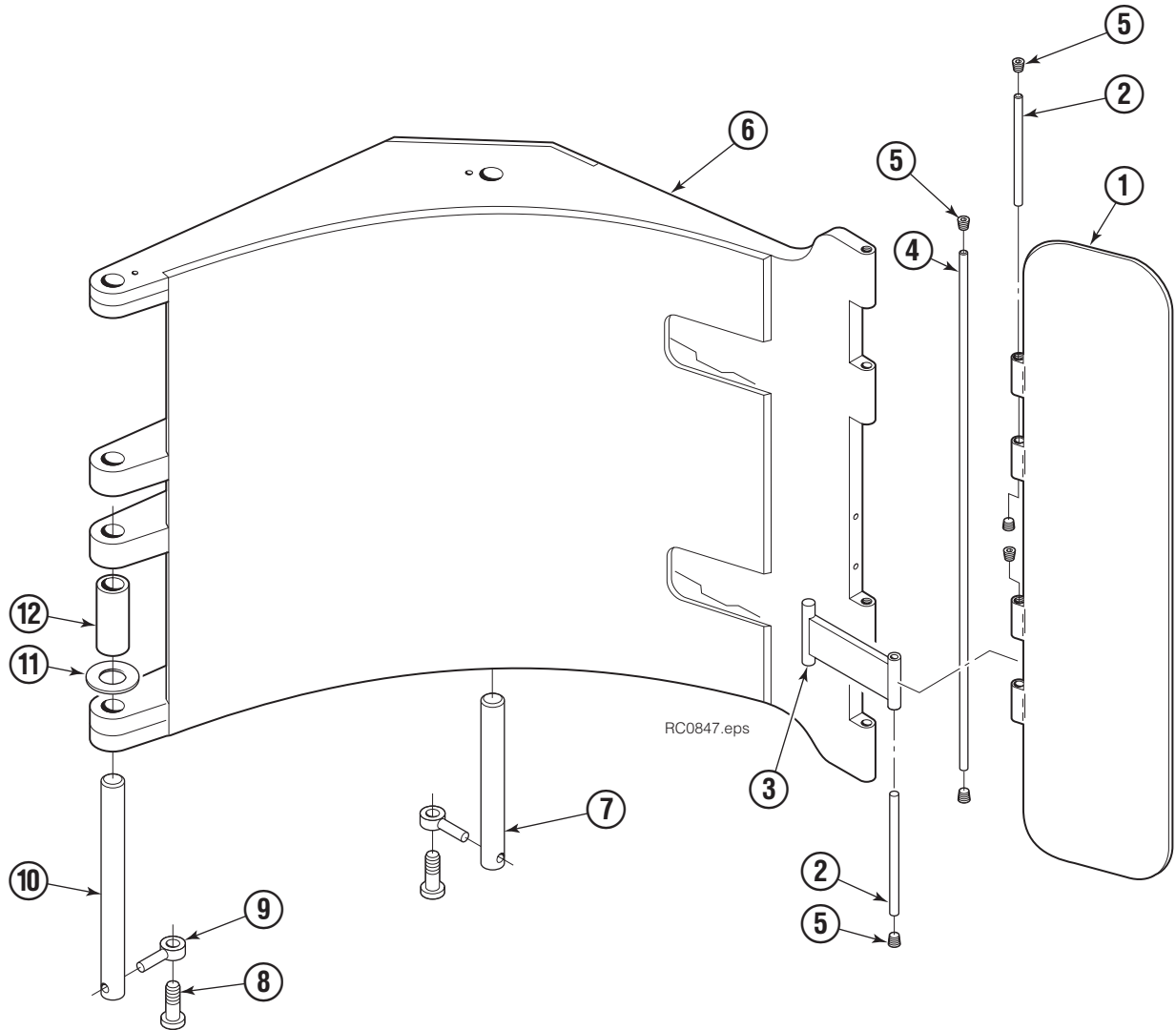
# Short Arm Cylinder



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.

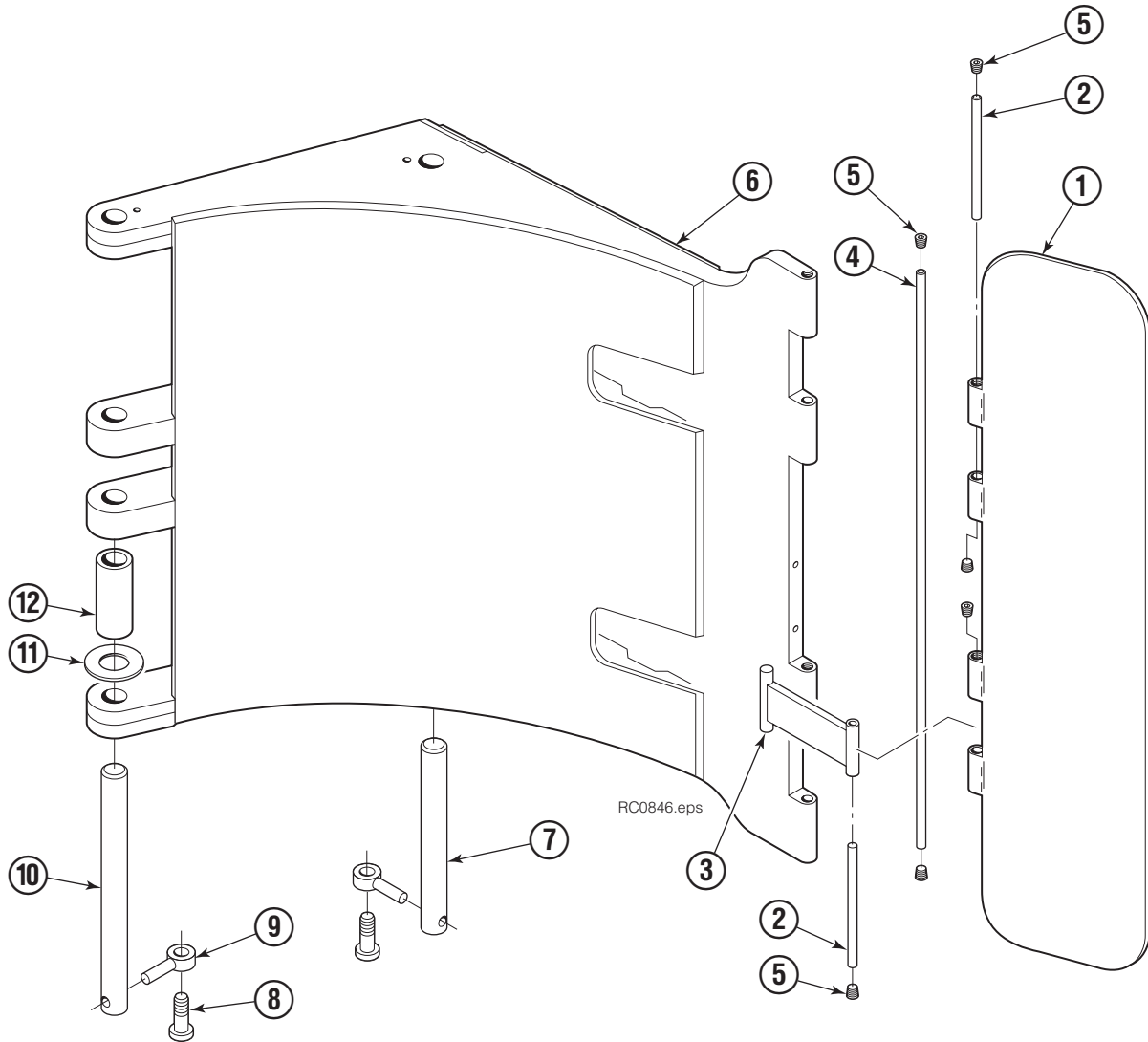
# Long Arm Assembly



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.



**Do you have questions you need answered right now?** Call your nearest Cascade Parts Department. Visit us online at [www.cascorp.com](http://www.cascorp.com)

**Cascade Corporation  
U.S. Headquarters**  
2201 NE 201st  
Fairview, OR 97024-9718  
Tel: 800-CASCADE (227-2233)  
FAX: 888-329-8207

**Cascade Canada Inc.**  
5570 Timberlea Blvd.  
Mississauga, Ontario  
Canada L4W-4M6  
Tel: 905-629-7777  
FAX: 905-629-7785

**Cascade GmbH**  
Niederwippekühl 1  
58579 Schalksmühle  
Germany  
Tel: 02355-50900  
FAX: 02355-509020

**Cascade Finland**  
A. Petreliuksenkatu 3  
01370 Vantaa  
Finland  
Tel: 09-8361925  
FAX: 09-8361935

**Cascade N.V.  
Benelux Sales and Service**  
Damsluisweg 56  
PO Box 3009  
1300 El Almere  
The Netherlands  
Tel: 036-5492950  
FAX: 036-5492974

**Cascade Kenhar Ltd.**  
3 Kelbrook Road  
Parkhouse Ind. Estate  
Openshaw,  
Manchester M11 2DD  
England  
Tel: 0800-243015  
FAX: 0161-4384055

**Sales Scotland  
Macade Systems Ltd.**  
18 Melford Road  
Righead Ind. Estate  
Bellshill ML4 3LR  
Scotland  
Tel: 01698-845777  
FAX: 01698-845888

**Cascade (Africa) Pty. Ltd.**  
PO Box 625, Isando 1600  
60A Steel Road  
Sparton, Kempton Park  
South Africa  
Tel: 27-11-975-9240  
FAX: 27-11-394-1147

**Cascade Scandinavia AB**  
Hammarvägen 10  
PO Box 124  
S-56723 Vaggeryd  
Sweden  
Tel: 039-336950  
FAX: 039-336959

**Cascade France  
S.A.R.L. MHP**  
1D Rue De Charaintru BP 18,  
91360 Epinay-Sur-Orge  
France  
Tel: 01-6454-7500  
FAX: 01-6454-7501

**Cascade Hispania S.A.**  
Carrer 5, Sector C  
Zona Franca Duanera  
Poligono de la Zona Franca  
08040 Barcelona, Spain  
Tel: 93-264-07-30  
FAX: 93-264-07-31

**Cascade Italia S.R.L.**  
Via Dell'Artigianato 1  
37050 Vago di Lavagno (VR)  
Italy  
Tel: 39-045-8989111  
FAX: 39-045-8989160

**Movimenta Lda.**  
Parque Industrial  
Vale do Alecrim, Lote 108  
2950-403 Palmela  
Portugal  
Tel: 351-212387340  
FAX: 351-212387349

**Sales Switzerland  
Fahrzeugbedarf**  
8810, Horgen  
Switzerland  
Tel: 01-7279797  
FAX: 01-7279798

**Sales Poland**  
Targowa 35/61  
03-728 Warszawa  
Tel: 022-619 00 49  
FAX: 022-619 00 49  
Mobile Tel: 0501-27 29 55

**Sales Russia**  
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Equipment  
Moscow  
Tel: 095-795-2400  
FAX: 095-795-2475  
Email: [emcg@emcg.ru](mailto:emcg@emcg.ru)

**Cascade Japan Ltd.**  
5-5-41,  
Torikai Kami  
Settsu, Osaka  
Japan, 566  
Tel: 81-726-53-3490  
FAX: 81-726-53-3497

**Cascade Korea**  
121B 9L Namdong Ind.  
Complex, 691-8 Gojan-Dong  
Namdong-Ku  
Inchon, 405-310 Korea  
Tel: 82-32-821-2051  
FAX: 82-32-821-2055

**Cascade Australia**  
1445 Ipswich Road  
Rocklea, QLD 4107  
Australia  
Tel: 1-800-227-223  
FAX: 617-3373-7333

**Cascade New Zealand**  
15 Ra Ora Drive  
East Tamaki, Auckland  
New Zealand  
Tel: 64-9-273-9136  
FAX: 64-9-273-9137

**Cascade-Xiamen**  
No. 668 Yangguang Rd.  
Xinyang Industrial Zone  
Haicang, Xiamen City  
Fujian Province  
P.R. China 361026  
Tel: 86-592-651-2500  
FAX: 86-592-651-2571

**Sunstream Industries  
Pte Ltd.**  
No. 3 Tuas Link 1  
2263  
Singapore  
Tel: 65-6863-3488  
FAX: 65-6863-1368

**Cascade do Brasil  
LTDA**  
Rua João Guerra, 134  
Macuco, Santos - SP  
Brasil 11015-130  
Tel: 55-13-2105-8800  
Fax: 55-13-2105-8899

