



Parts Manual

Model Paper Roll Clamp

Catalog Number 24H-RCS-A003 R1

cascade®
corporation

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

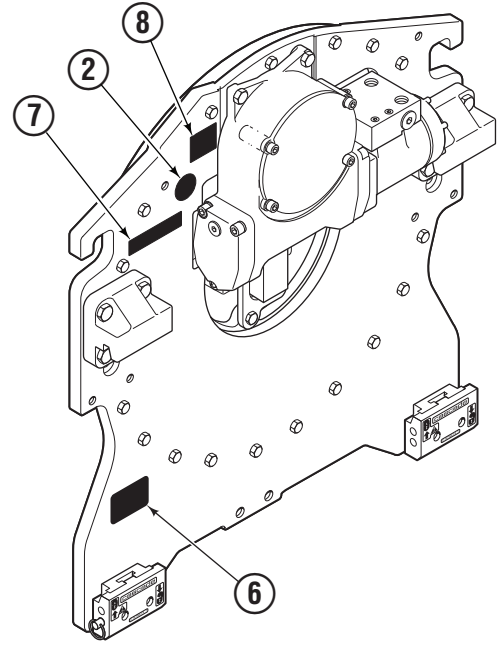
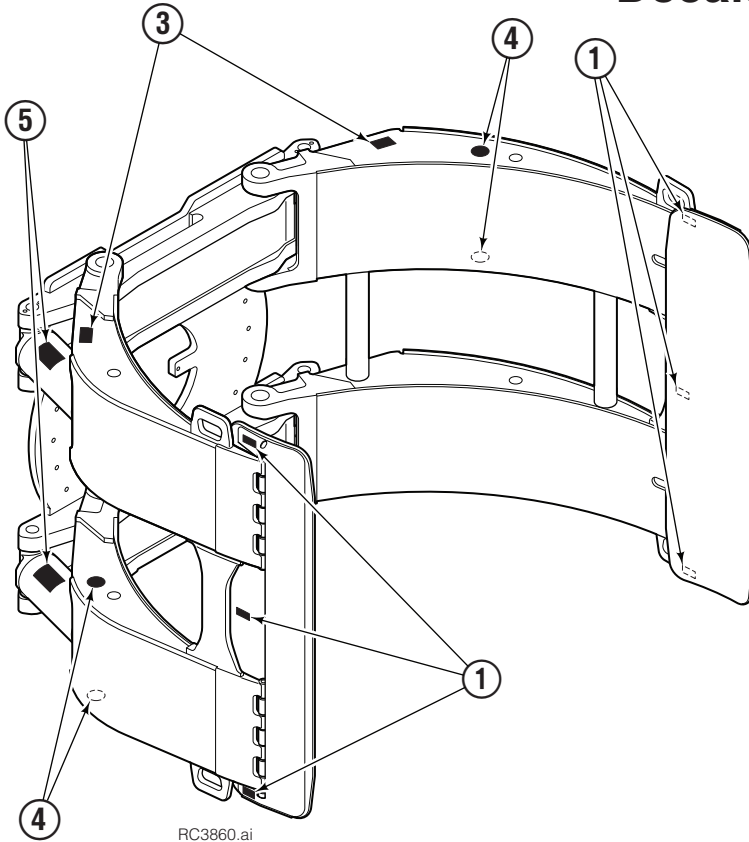
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OR

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

Internet: www.cascorp.com

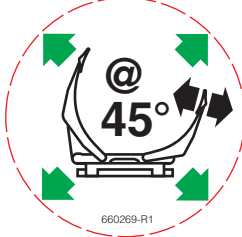
Decals



1



2



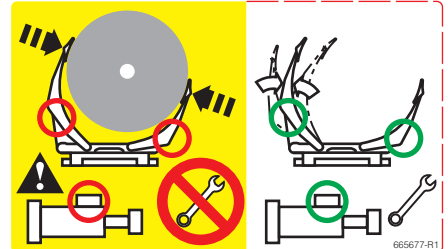
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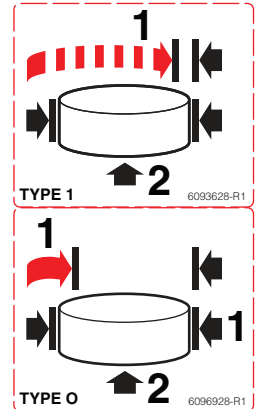
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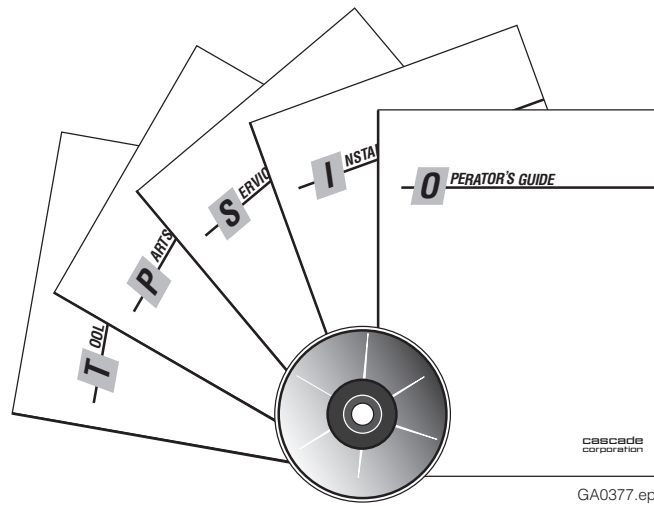
8



H-Series Roll Clamp				
REF	QTY	PART NO.	DESCRIPTION	
1	6	665595	No Hand Hold Decal	
2	3	660269	Short Arm Rotation Position Decal	
3	4	656038	Caution Decal	
4	4	679150	No Step Decal	
5	4	665677	Trapped Pressure Decal	
6	1	679059	Quick-Change Hook Decal	
7	1	6038786	Visibility Warning Decal	
8	1	6093628	Split Arm Decal – Type 1 ♦	
	1	6096928	Split Arm Decal – Type 0 ♦	

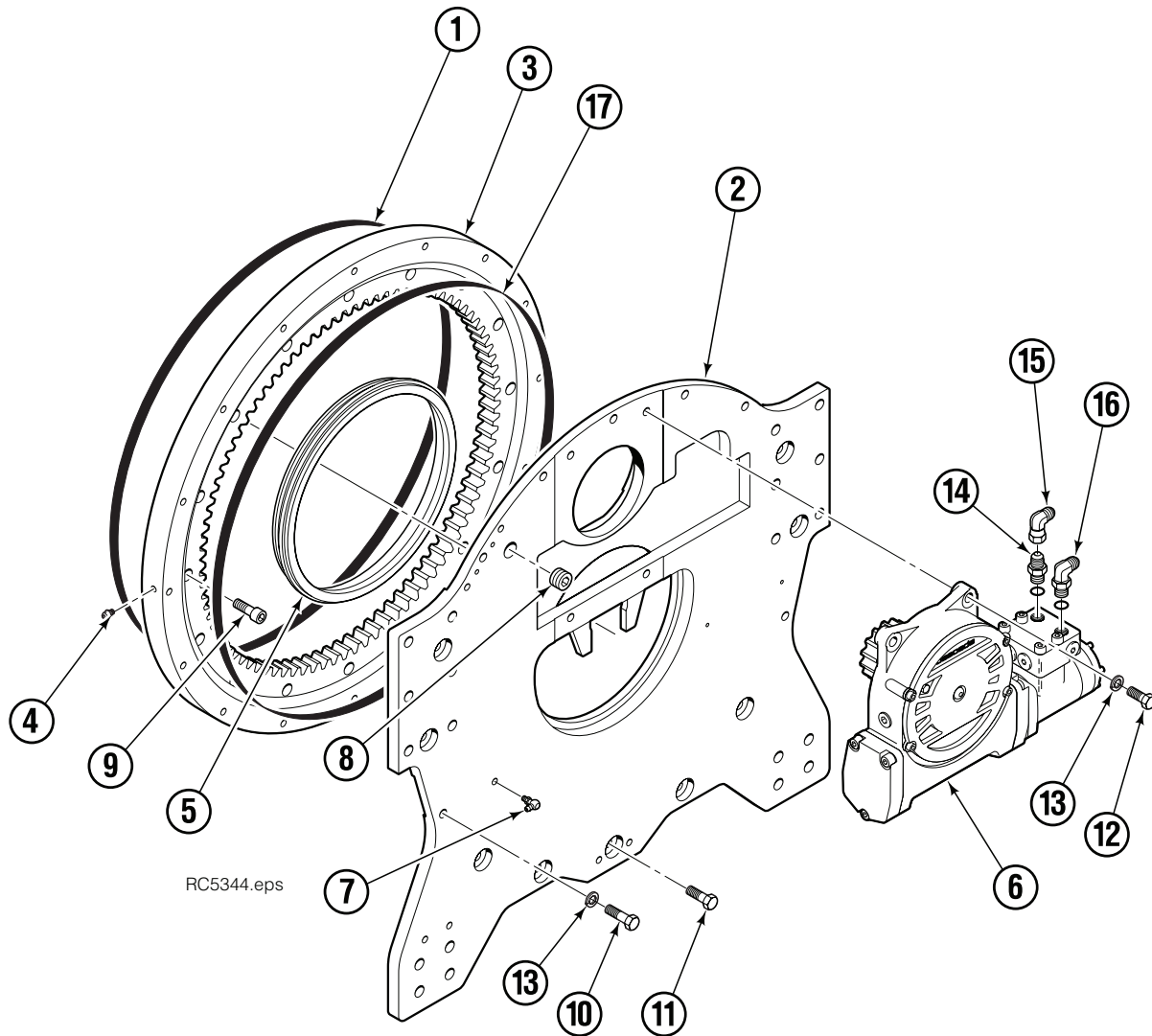
♦ See stamp on Revolving Connection for correct Type.

Publications



H-Series Roll Clamp	
PART NO.	DESCRIPTION
6078255	Service Manual
210135	Operators Guide – Fixed Frame
676268	Operators Guide – Swing Frame
6077316	Installation Instructions – Fixed Frame
6095756	Installation Instructions – Swing Frame
679929	Tool Catalog

Base Group



24H							
REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
		6819507	Rotator/Baseplate Group ■	9	16	769572	Capscrew, M12 x 35
1	1	670514	Seal	10	7	214487	Capscrew, M12 x 40
2	1	6818214	Baseplate	11	9	212305	Capscrew, M12 x 35
3	1	775434	Bearing Assembly □	12	4	763021	Capscrew, M12 x 30
4	1	7401	Grease Fitting	13	11	681473	Lockwasher, M12
5	1	209944	Seal	14	1	601377	Fitting, 8-8 ★
6	1	368073	Drive Group – 2.2 c.i. Motor ●	15	1	605761	Fitting, 8-8 ★
7	1	7406	Grease Fitting	16	1	601250	Fitting, 8-8 ★
8	1	6605	Plug	17	1	670513	Seal

■ Includes items 2-18.

◆ See Faceplate Group for parts breakdown.

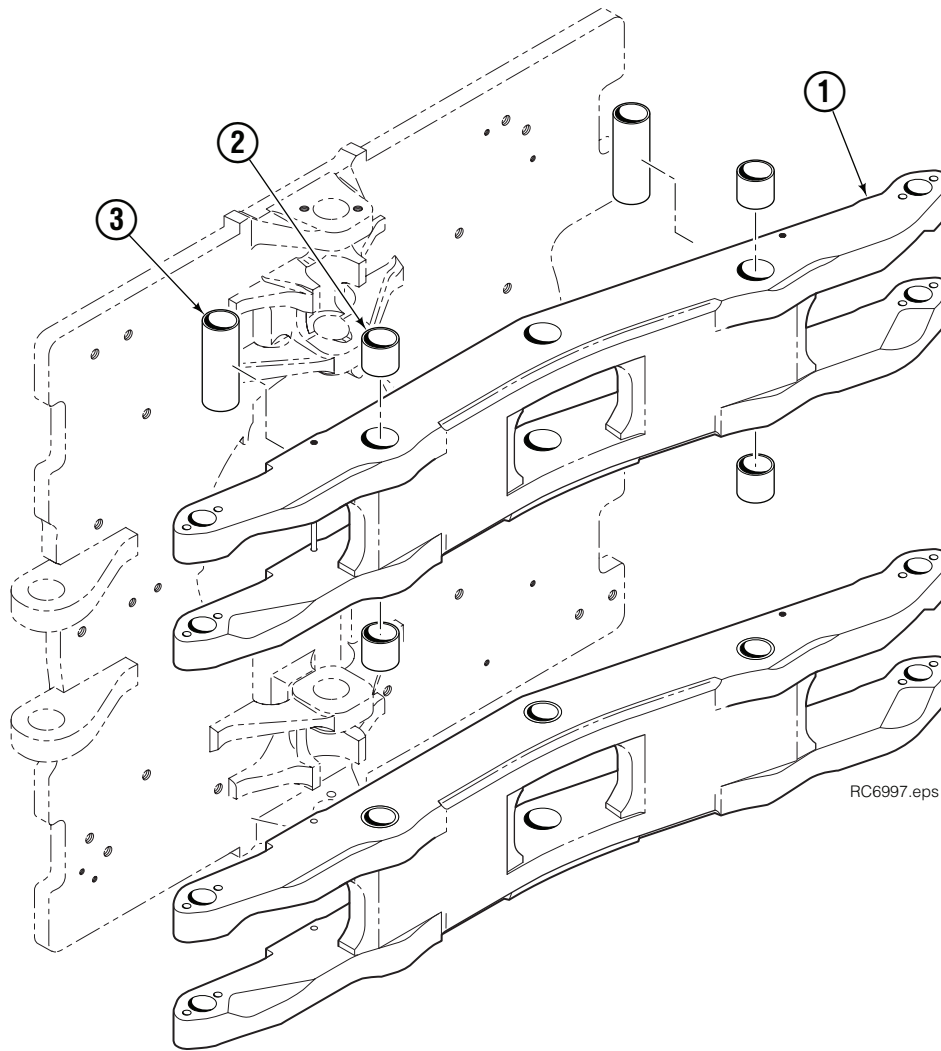
□ Includes items 4, 17 and 18.

● See Drive Group page for parts breakdown.

★ Included in Fitting Group 212367.

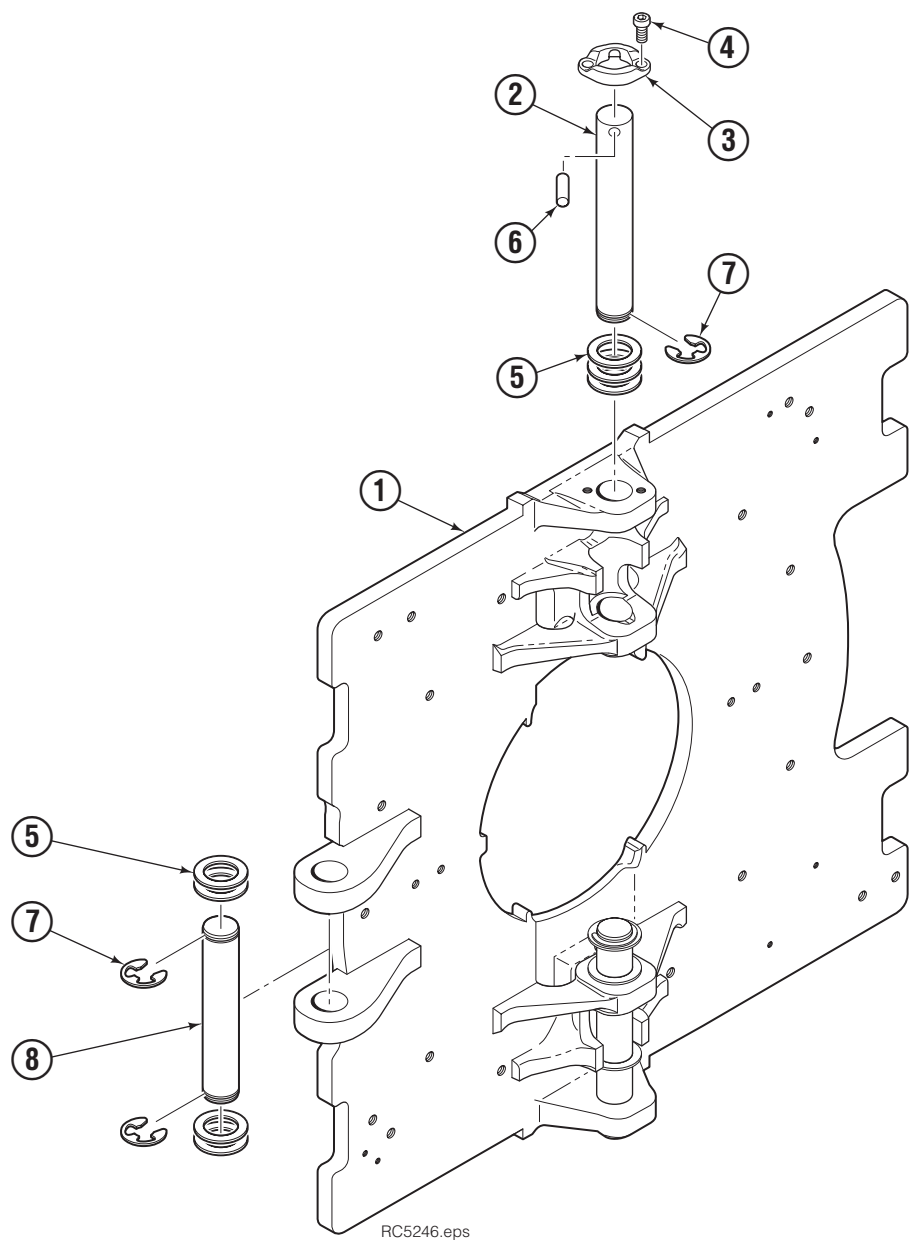
Reference: Fastener Kit 6807353

Frame Group



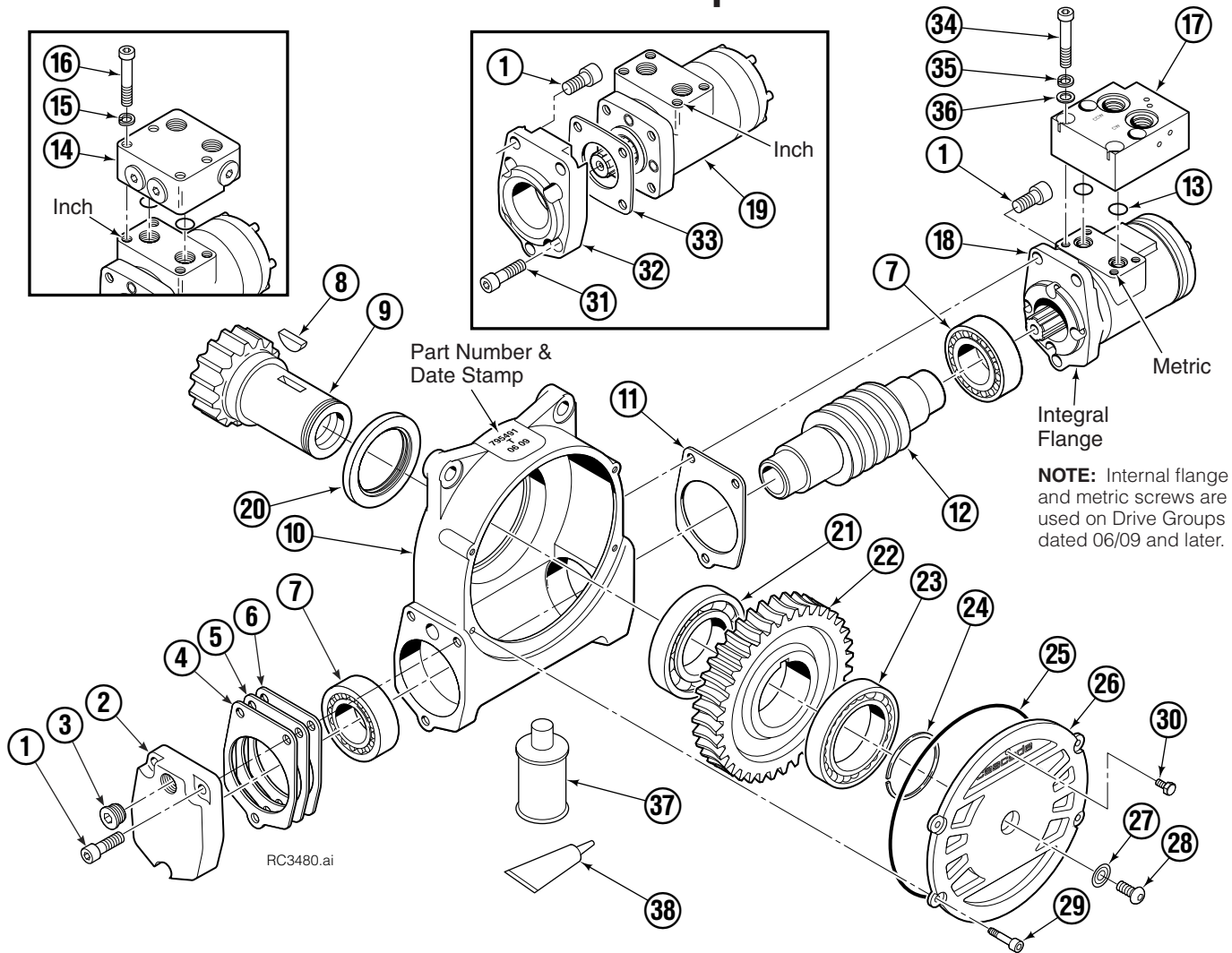
REF	QTY	PART NO.	DESCRIPTION
		6850274	Frame Group
1	2	6850179	Frame
2	12	219444	Bearing
3	4	6806129	Spacer

Faceplate Group



REF	QTY	PART NO.	DESCRIPTION
		6831863	Faceplate Group
1	1	6831864	Faceplate
2	2	6829288	Pin
3	2	6806146	Pin Retainer
4	4	6089559	Capscrew, M10 x 20
5	6	6821872	Shim
	4	6806552	Shim
6	2	6803315	Dowel Pin
7	4	6829319	Retaining Ring
8	1	6829345	Pin

Drive Group



REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
		368073	Drive Group with 2.2 c.i. Motor	20	1	3014870	Seal
1	6	769570	Capscrew, M12 x 25	21	1	6033892	Bearing ★
2	1	676855	Cover	22	1	675609	Worm Gear
3	1	604510	Fitting, 6	23	1	670581	Bearing
4	●	670574	Shim – .010" (brown)	24	1	7214	Snap Ring
5	●	671757	Shim – .015" (pink)	25	1	643423	O-Ring
6	●	671758	Shim – .020" (yellow)	26	1	775552	Cover
7	2	670579	Bearing	27	1	783609	Seal
8	1	670582	Key	28	1	783608	Capscrew, M10 x 16
9	1	670506	Pinion	29	4	200882	Capscrew, M8 x 20
10	1	775551	Housing	30	1	644010	Relief Fitting
11	1	686465	Gasket	31	4	4468	Capscrew, 3/8 NC x .75
12	1	675608	Worm	32	1	775553	Adapter
13	2	2705	O-Ring	33	1	670575	Gasket
14	1	670549	Check Valve ◆	34	4	768798	Capscrew, M8 x 40
15	4	6444	Lockwasher, 5/16	35	4	787384	Lockwasher, M8
16	4	607059	Capscrew, 5/16 NC x 1.75	36	4	221494	Washer, M8
17	1	6063316	Check Valve ◆	37	1	656300	Gear Box Lube – 48 oz.
18	1	6097946	Drive Motor – 2.2 c.i. ■	38	1	668184	Sealant
19	1	206406	Drive Motor – 2.2 c.i. ■			670578	Shim Service Kit (items 4-6, 11, 25, 38)

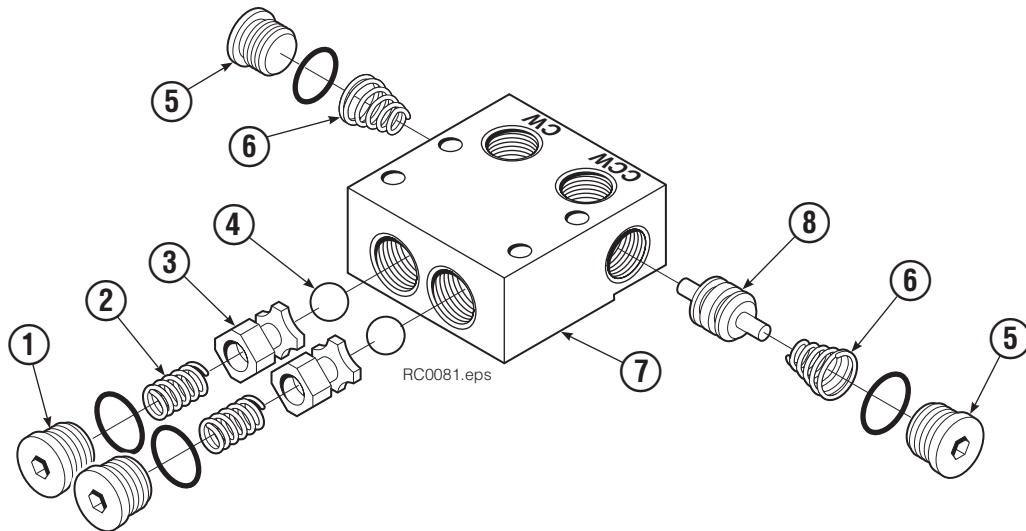
● Quantity as required.

◆ See Valve page for parts breakdown.

■ See Drive Motor page for parts breakdown.

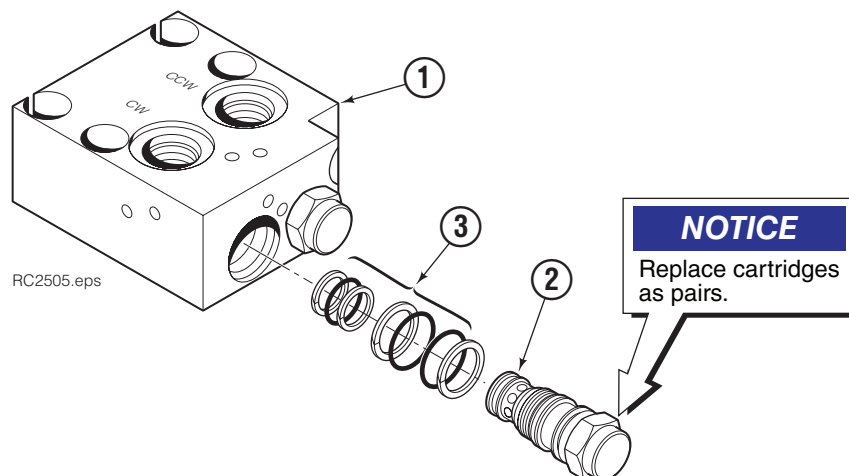
★ For service replacement use Bearing 670580.

Check Valve



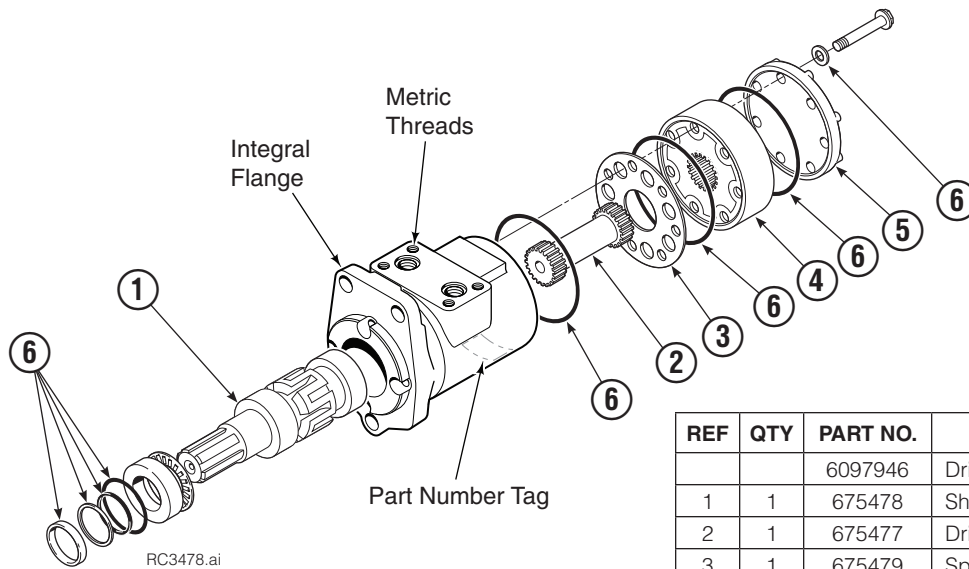
REF	QTY	PART NO.	DESCRIPTION
		670549	Check Valve Assembly (R9) ★
1	2	609453	Fitting, 10
2	2	670552	Spring
3	2	670551	Guide
4	2	7020	Ball
5	2	602580	Fitting, 8
6	2	673989	Spring
7	1	670550	Body ★
8	1	670553	Spool

★ No longer available, replaced by 6063316 Valve Assembly.



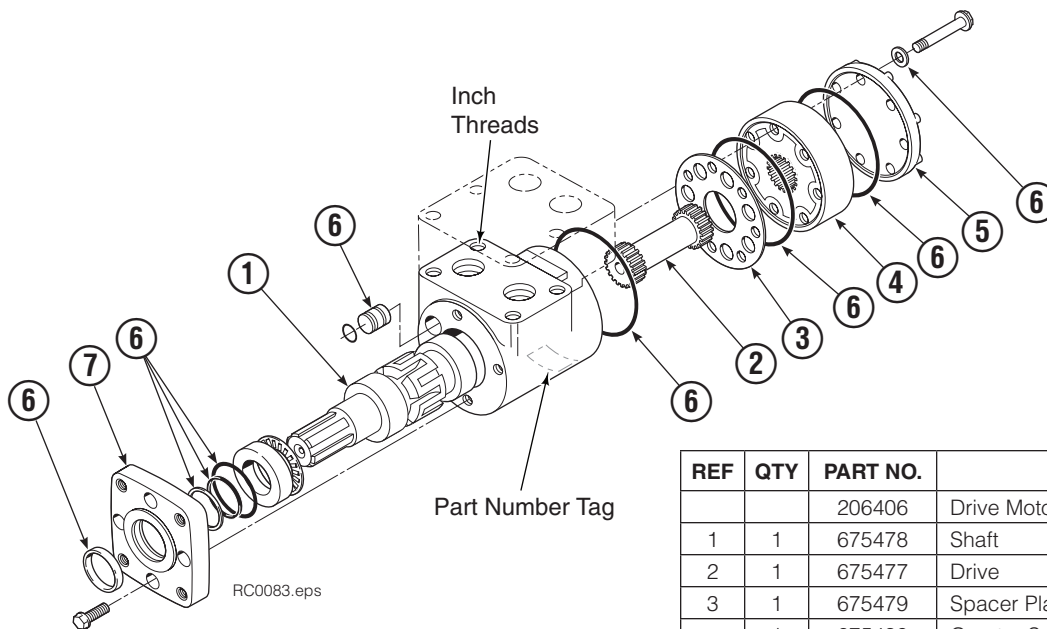
REF	QTY	PART NO.	DESCRIPTION
		6063316	Check Valve Assembly (R3)
1	1	6063282	Valve Body
2	2	6892871	Counterbalance Valve
3	2	667516	Service Kit

Drive Motor



REF	QTY	PART NO.	DESCRIPTION
		6097946	Drive Motor – 2.2 c.i.
1	1	675478	Shaft
2	1	675477	Drive
3	1	675479	Spacer Plate
4	1	685074	Gerotor Set
5	1	675482	End Cap
6	1	206405	Service Kit ●

● Compatible with water glycol based hydraulic fluids.
 Cascade provides service replacement parts for the listed parts only. Due to cost, if other parts need replacement, the complete drive motor should be replaced.

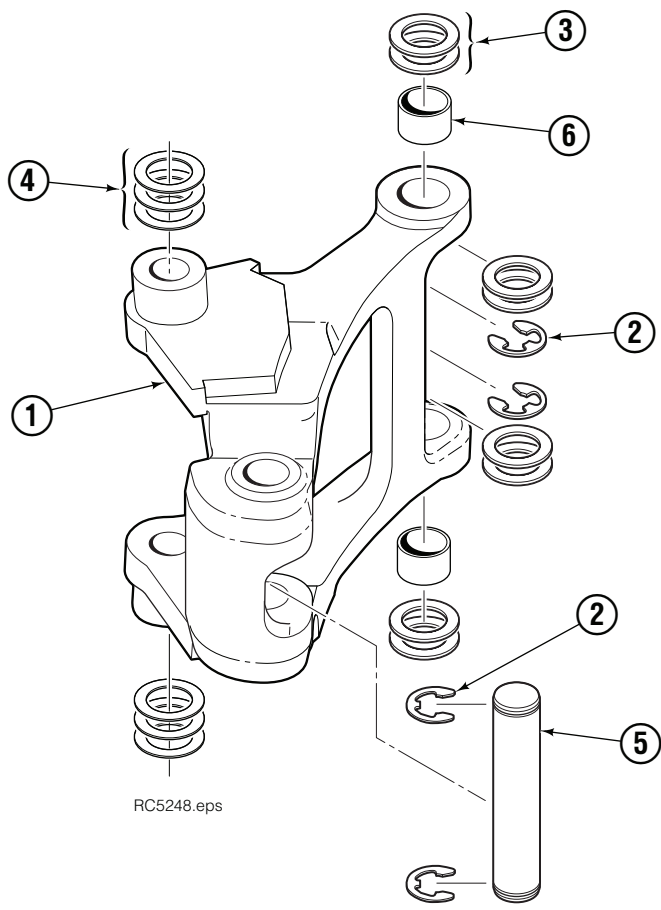


REF	QTY	PART NO.	DESCRIPTION
		206406	Drive Motor – 2.2 c.i.
1	1	675478	Shaft
2	1	675477	Drive
3	1	675479	Spacer Plate
4	1	675480	Gerotor Set (101-1768-007) ■
	1	685075	Gerotor Set (101-1768-009) ■
5	1	675482	End Cap
6	1	206405	Service Kit ●
7	1	685089	Flange (101-1768-007) ■
	1	685090	Flange (101-1768-009) ■

■ See Nameplate under valve for correct part number of Gerotor Set and Flange.

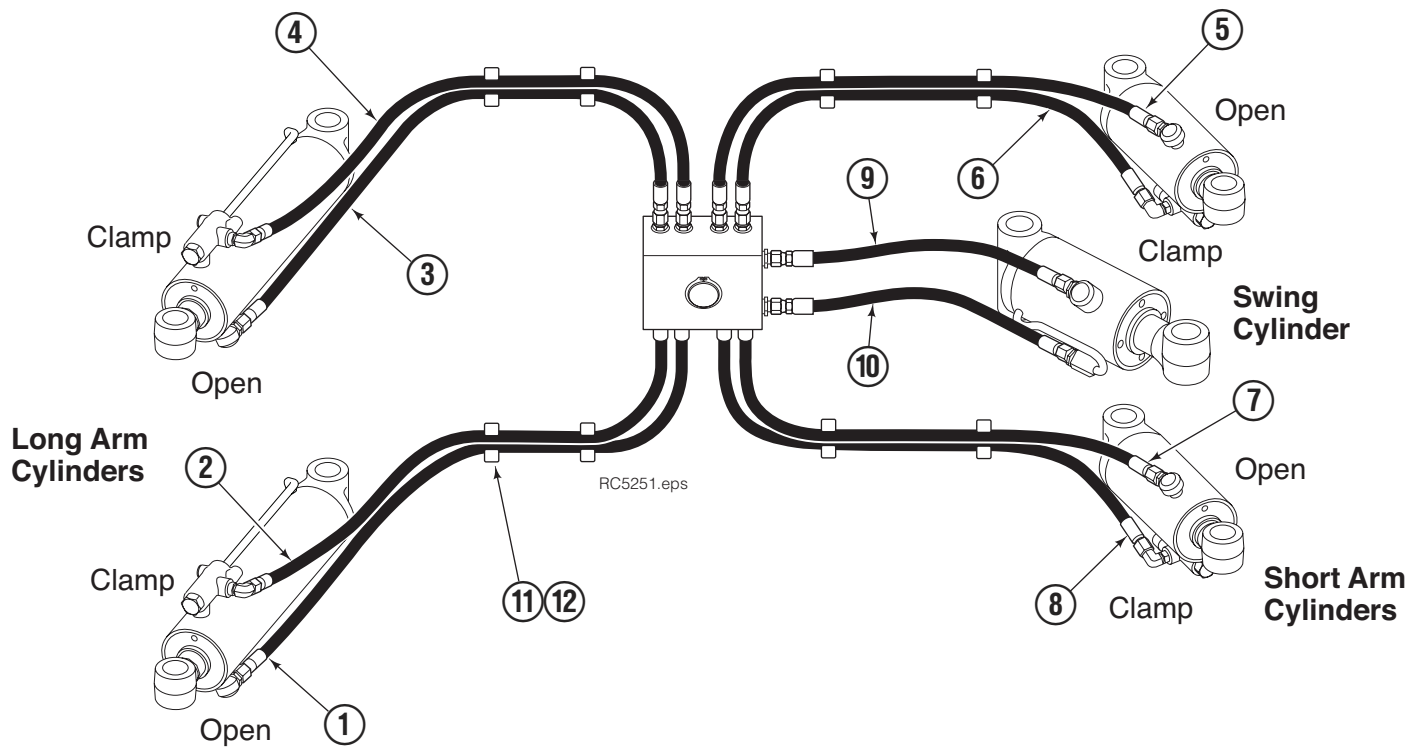
● Compatible with water glycol based hydraulic fluids.
 Cascade provides service replacement parts for the listed parts only. Due to cost, if other parts need replacement, the complete drive motor should be replaced.

Swing Anchor Group



REF	QTY	PART NO.	DESCRIPTION
		6849877	Swing Anchor Group
1	1	6849878	Swing Anchor
2	4	6829319	Retaining Ring
3	8	6821872	Shim
4	6	660200	Shim
5	1	6829829	Pin
6	2	214010	Bearing

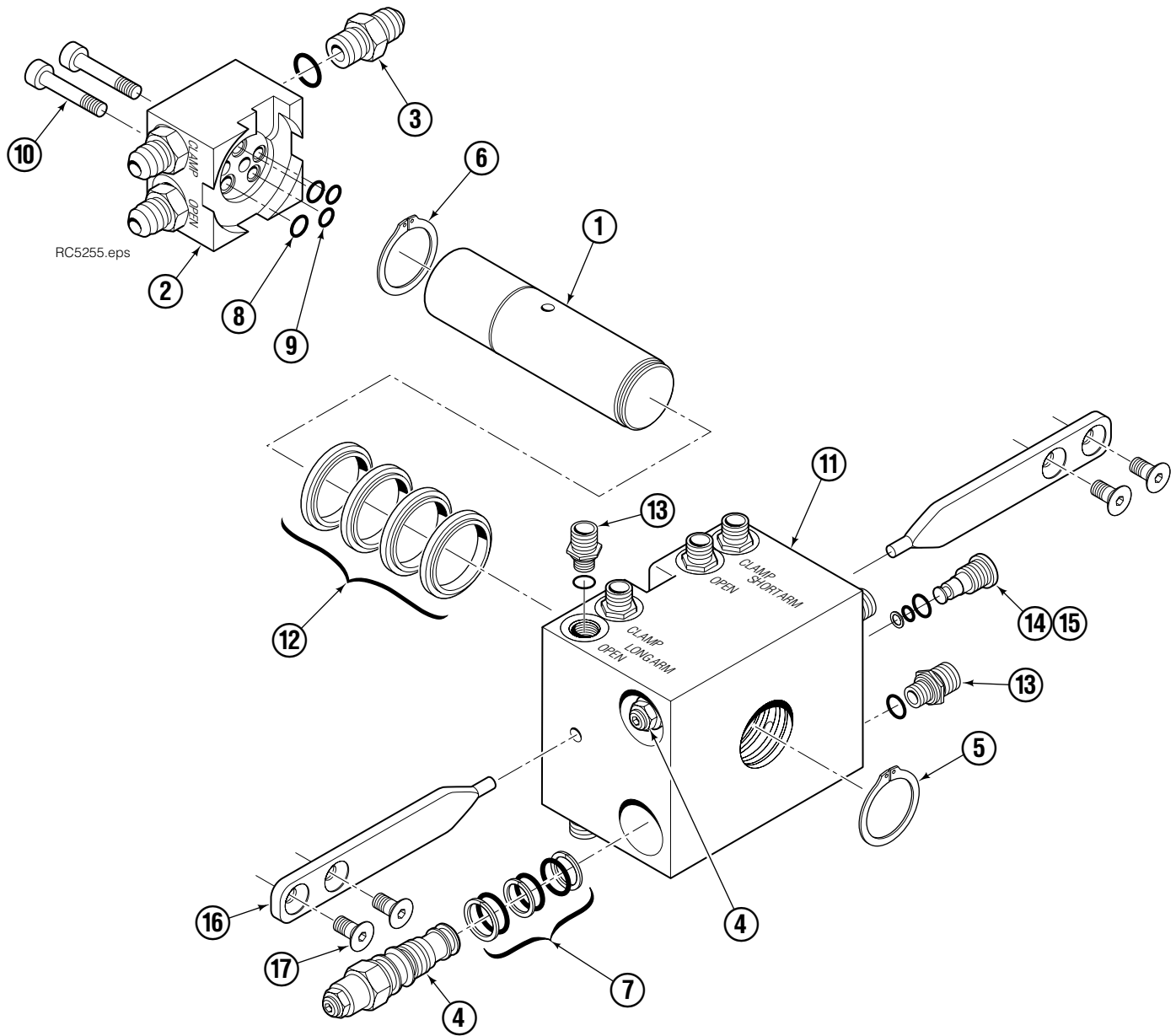
Hosing Group Swing Frame



REF	QTY	PART NO.	DESCRIPTION
		6837203	Hose Group
1	1	6821896	Hose-Long Arm, 910 mm
2	1	6807373	Hose-Long Arm, 885 mm
3	1	6821896	Hose-Long Arm, 910 mm
4	1	6807373	Hose-Long Arm, 885 mm
5	1	6837192	Hose-Short Arm, 740 mm
6	1	6837191	Hose-Short Arm, 720 mm
7	1	6837192	Hose-Short Arm, 740 mm
8	1	6837191	Hose-Short Arm, 720 mm
9	1	6831790	Hose-Swing Arm, 410 mm
10	1	6837190	Hose-Swing Arm, 410 mm
11	8	673416	Segment
12	8	200343	Cable Tie

Reference: SK-31586.

Revolving Connection Group

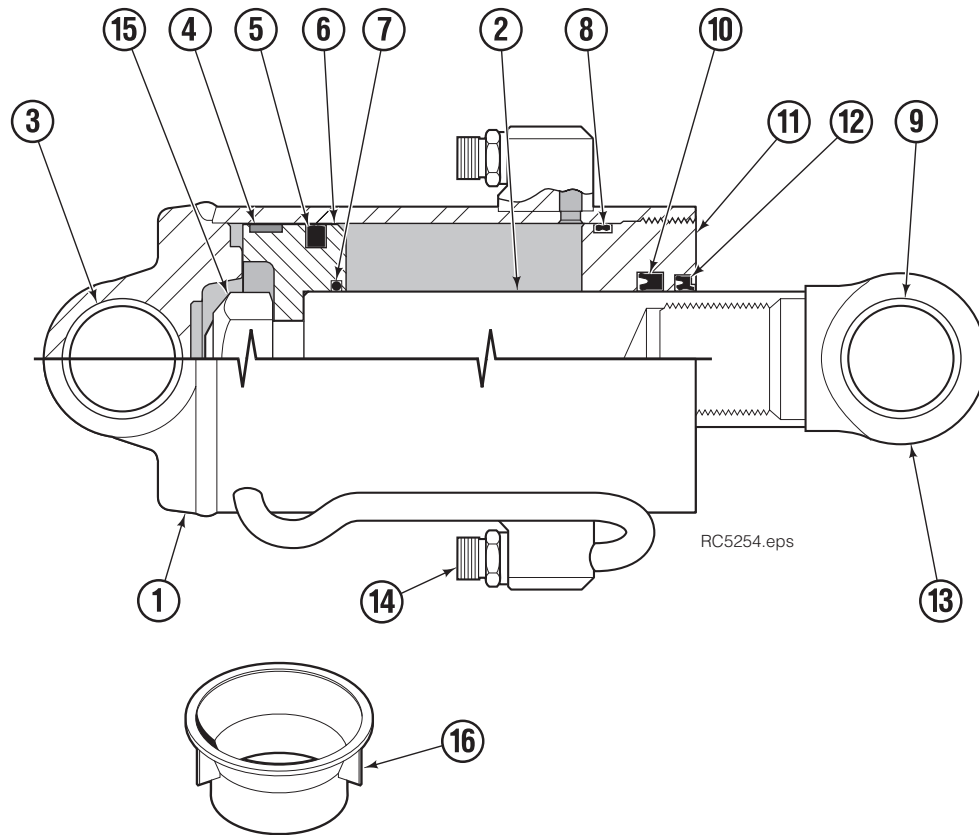


22H							
REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
		6837906	Revolving Connection Group	9	2	613376	O-Ring
	1	6837908	Revolving Connection ■	10	2	766123	Capscrew, M8 x 50
1	1	6837911	Shaft	11	1	6837909	Body
2	1	6837912	End Block	12	4	214649	◆ Shaft Seal
3	4	604511	Fitting, 6-6	13	10	6091364	Fitting
4	2	674732	Counterbalance Valve	14	1	220869	Check Valve
5	1	3138	◆ Retaining Ring	15	1	6025595	Seal Kit
6	1	7341	◆ Retaining Ring	16	2	6037989	Support Casting
7	2	667516	Service Kit	17	4	6038809	Capscrew, M10 x 25
8	2	684587	◆ O-Ring				

■ Includes items 1–15 and 21.

◆ Included in Service Kit 6836390.

Swing Cylinder

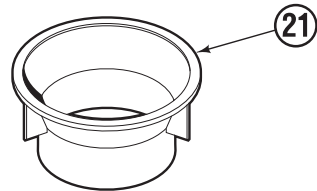
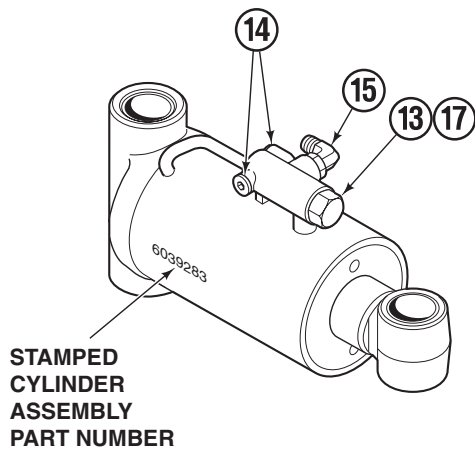
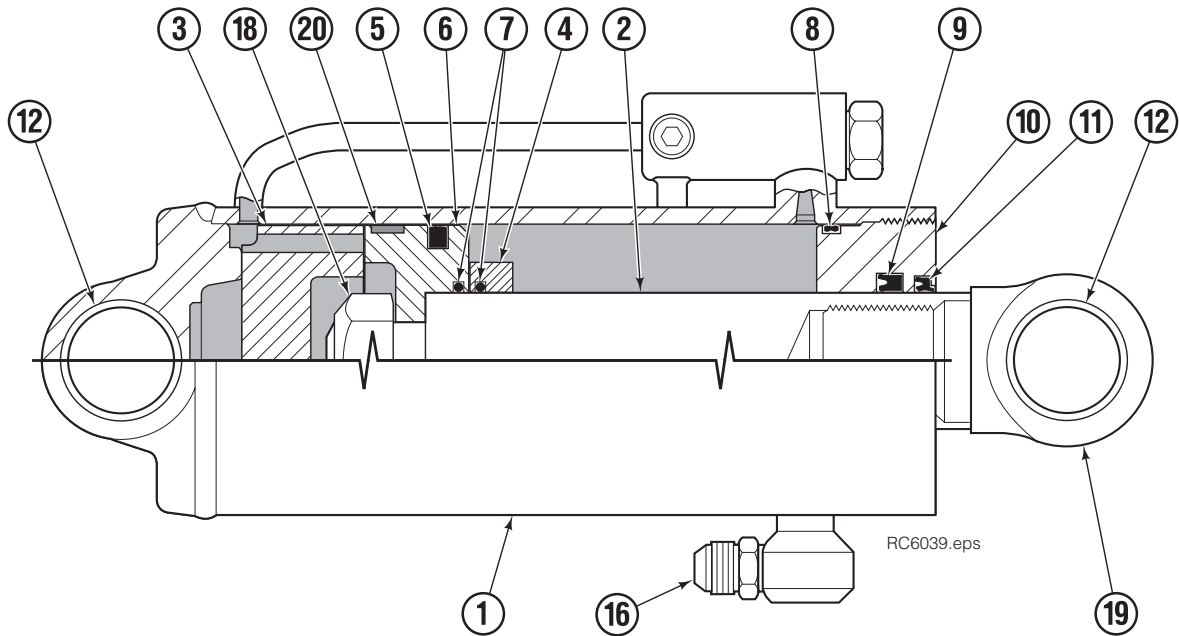


REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
		6869013	Swing Cylinder Assembly	9	1	6814731	Bushing ★
1	1	6845119	Shell	10	1	221869	◆ Seal
2	1	6869014	Rod Assembly	11	1	6091603	Retainer
3	2	219444	Bushing	12	1	6071893	◆ Wiper
4	1	6084097	◆ Wear Ring	13	1	6814679	Rod End ★
5	1	6084073	◆ Seal	14	2	6091364	Fitting, M14
6	1	6830172	Piston	15	1	560997	Nut
7	1	6091631	◆ O-Ring	16	1	669235	◆ Seal Loader
8	1	6806960	◆ Dual Seal			6804211	Service Kit

◆ Included in Service Kit 6091608.

★ Included in Rod Assembly.

Short Arm Cylinder



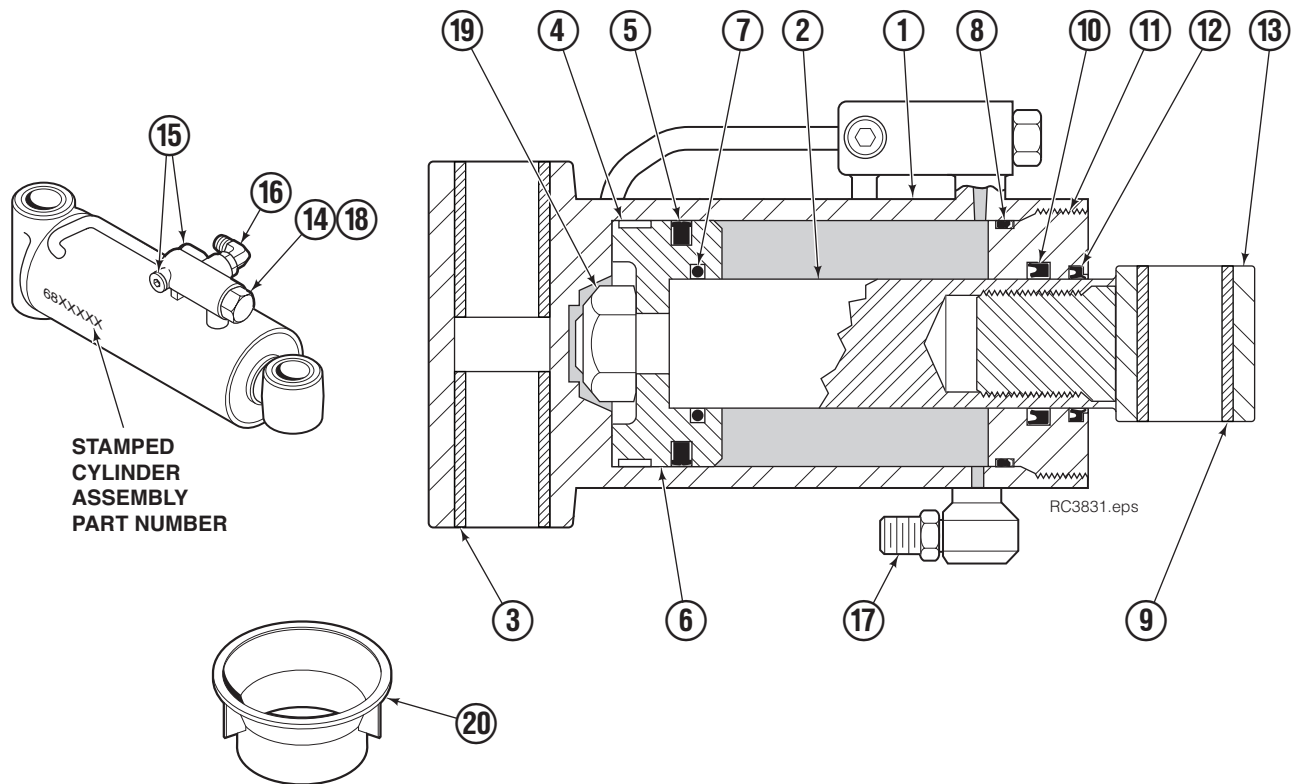
REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
		6831902	Cylinder Assembly	12	3	6802703	Bushing ★
1	1	6818645	Shell	13	1	6038929	Check Valve – PO
2	1	6819252	Rod Assembly	14	2	609234	Fitting, 4
3	1	—	Spacer, Head	15	1	6803297	Fitting, M14
4	1	—	Spacer, Piston	16	1	777915	Fitting, M14
5	1	6084070	◆ Piston Seal	17	1	667516	Check Valve Service Kit
6	1	6800393	Piston	18	1	561012	Nut
7	1	6084135	◆ O-Ring	19	1	6800463	Rod End ★
8	1	6808315	◆ Seal	20	1	6084094	◆ Wear Ring
9	1	221866	◆ Rod Seal	21	1	6064310	◆ Seal Loader
10	1	6800403	Retainer			6804211	Service Kit
11	1	421356	◆ Rod Wiper				

◆ Included in Service Kit 6804211.

★ Included in Rod Assembly.

Reference: S-24108.

Long Arm Cylinder



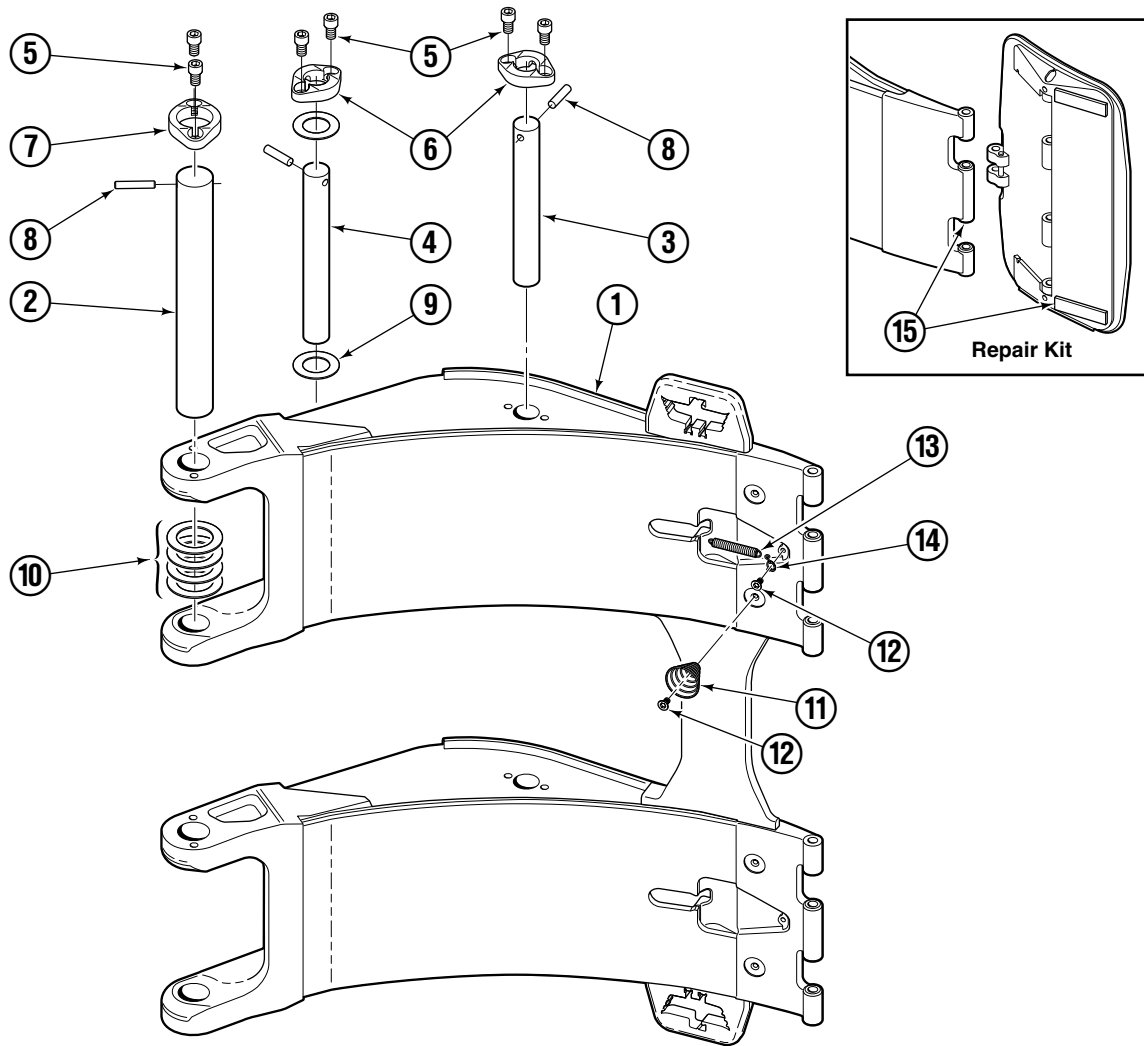
24H							
REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
		6831903	Cylinder Assembly	11	1	6800403	Retainer
1	1	6815117	Shell	12	1	421356	◆ Wiper
2	1	6807860	Rod Assembly	13	1	6800463	Rod End ★
3	2	6802703	Bushing	14	1	6038929	Check Valve – PO
4	1	6084094	◆ Wear Ring	15	2	609234	Fitting, 4
5	1	6084070	◆ Seal	16	1	6803297	Fitting, SAE 6 – 14 mm L-Series
6	1	6800393	Piston	17	1	777915	Fitting, SAE 6 – 14 mm L-Series
7	1	6084135	◆ O-Ring	18	1	667516	Check Valve Service Kit
8	1	6808315	◆ Dual Seal	19	1	561012	Nut
9	1	6802703	Bushing ★	20	1	6064310	◆ Seal Loader
10	1	221866	◆ Seal			6804211	Service Kit

◆ Included in Service Kit 6804211.

Reference: S-24108, S-24193.

H Included in Rod Assembly.

Short Arm Group

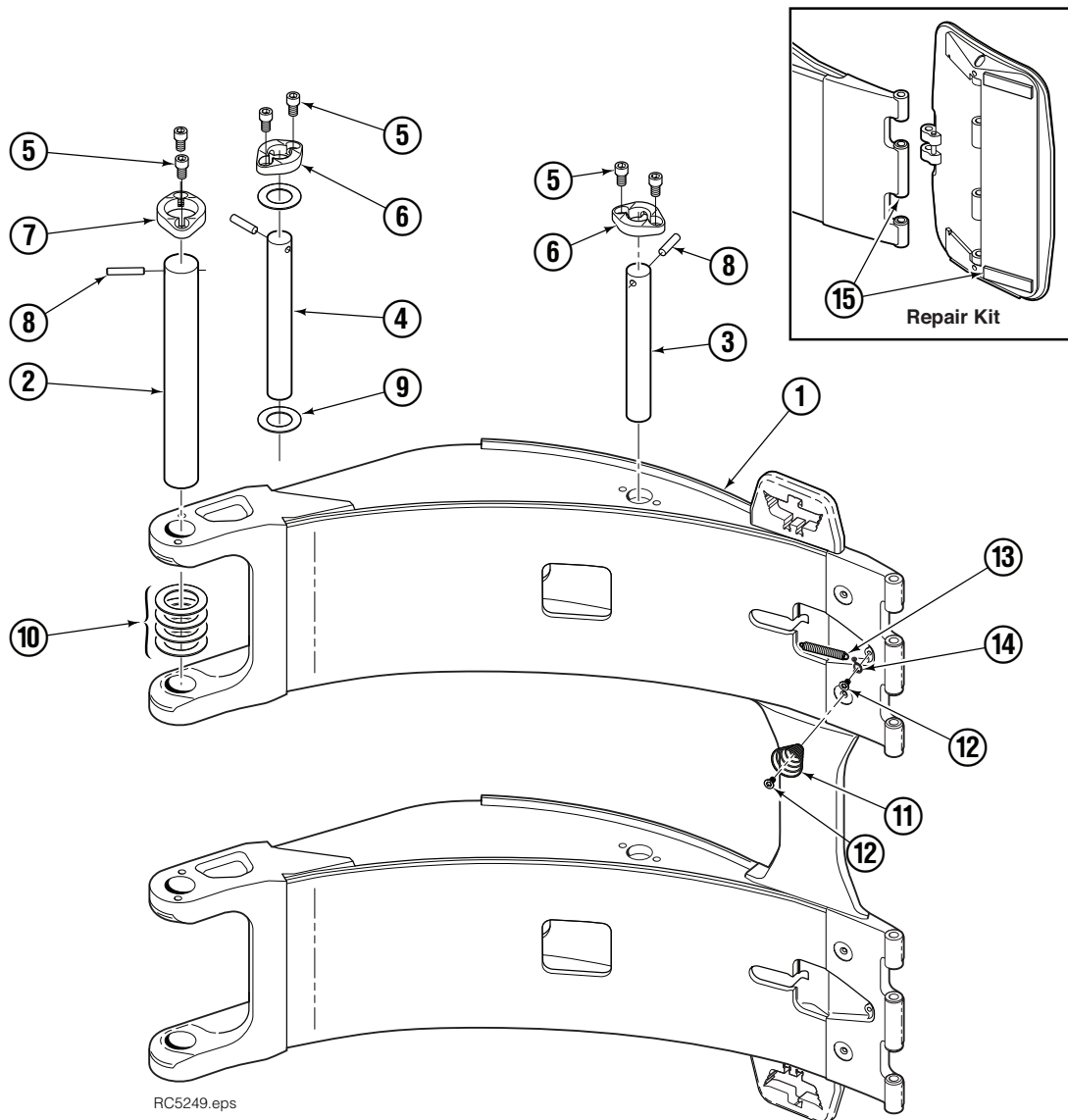


RC5250.eps

24H			
REF	QTY	PART NO.	DESCRIPTION
		6831853	Short Arm Group
1	1	6819202	Short Arm
2	2	6830402	Pin
3	2	6816307	Pin
4	2	6831033	Pin
5	12	6089559	Capscrew, M10 x 20
6	4	6803802	Retainer
7	2	6806146	Retainer
8	6	6803315	Dowel Pin
9	4	6821872	Shim
10	8	6821872	Shim
11	4	6081766	Pad Spring
12	6	766496	Capscrew, M6 x 12
13	4	6071414	Spring
14	2	6098978	Spring Anchor
15	1	6814054	Tip Repair Kit

Reference: SK-30909.

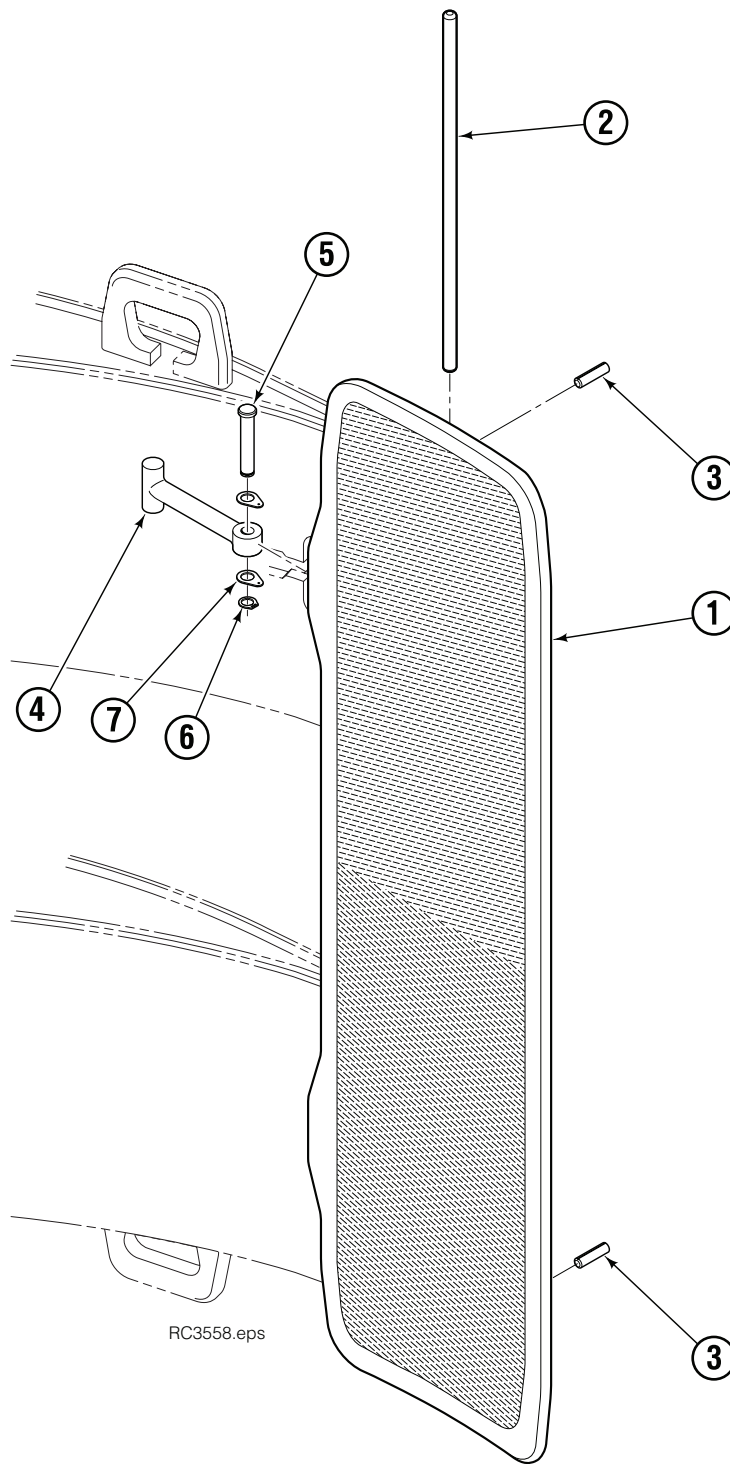
Long Arm Group



24H			
REF	QTY	PART NO.	DESCRIPTION
		6831871	Long Arm Group
1	1	6831872	Long Arm
2	2	6816313	Pin
3	2	6816307	Pin
4	2	6816312	Pin
5	12	6089559	Capscrew, M10 x 20
6	4	6803802	Retainer
7	2	6806146	Retainer
8	6	6803315	Dowel Pin
9	4	674837	Shim
10	8	6821872	Shim
11	4	6081766	Pad Spring
12	6	766496	Capscrew, M6 x 12
13	4	6071414	Spring
14	2	6098978	Spring Anchor
15	1	6814103	Tip Repair Kit

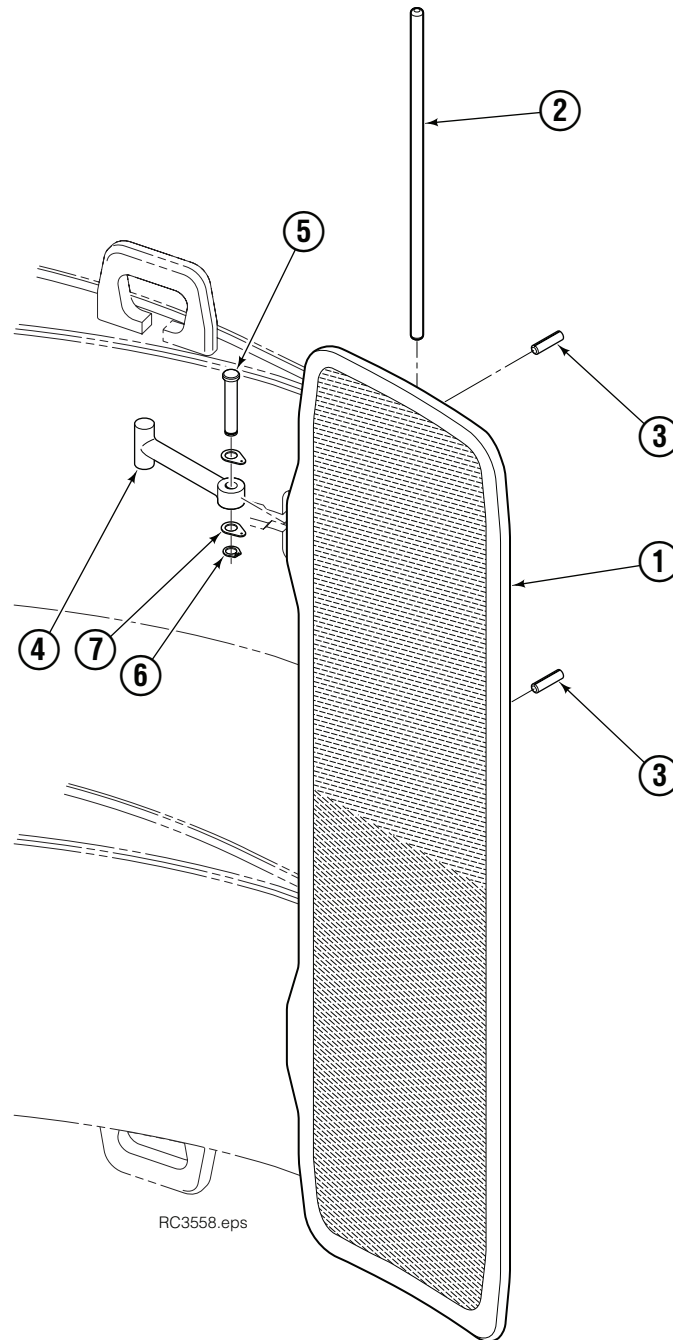
Reference: SK-30170

Contact Pad Group - Short Arm



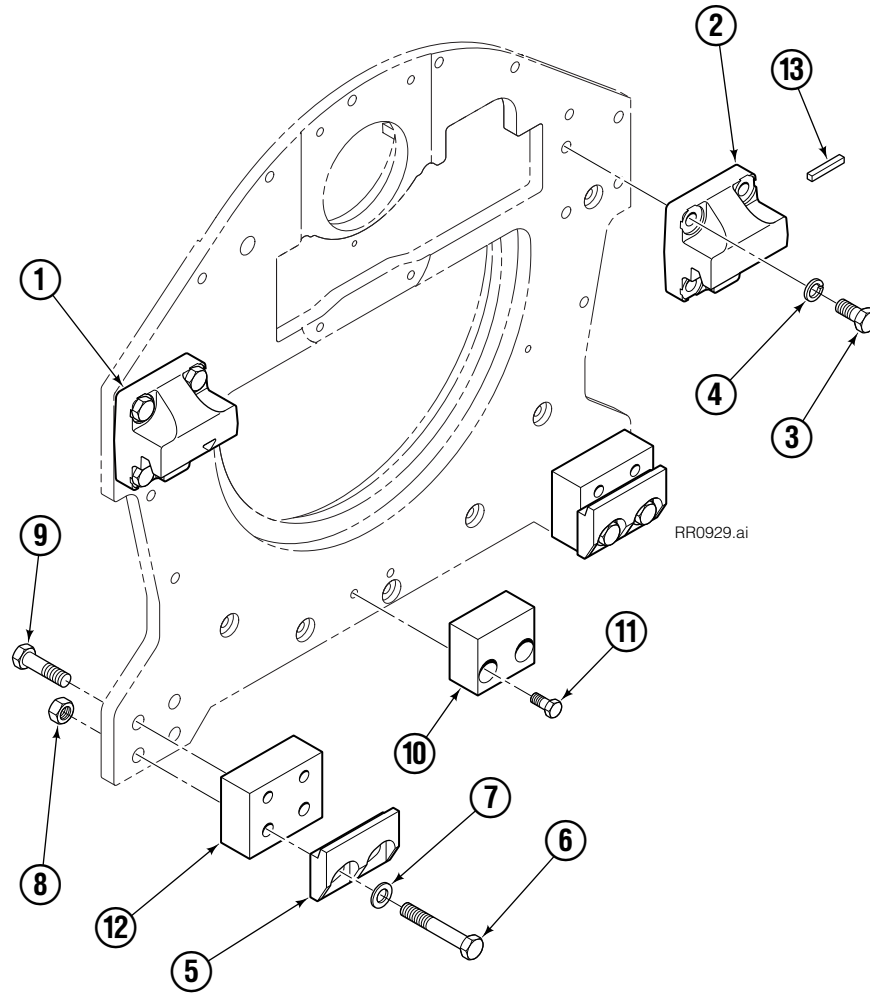
REF	QTY	PART NO.	DESCRIPTION
		6814279	Contact Pad Group-Short Arm
1	1	6813534	Contact Pad, Herringbone
2	2	6814212	Pin
3	2	6823345	Drive Pin
4	2	6070669	Link
5	2	6821649	Clevis Pin
6	2	6821671	Retaining Ring
7	4	6076106	Spring Anchor

Contact Pad Group – Long Arm



REF	QTY	PART NO.	DESCRIPTION
		6814200	Contact Pad Group, Long Arm
1	1	6813532	Contact Pad, Herringbone
2	2	6814212	Pin
3	2	6823345	Drive Pin
4	2	6070669	Link
5	2	6821649	Clevis Pin
6	2	6821671	Retaining Ring
7	4	6076106	Spring Anchor

Bolt-On Mounting Group



Class II, 0°

REF	QTY	PART NO.	DESCRIPTION
		6804051	Mounting Group (R5)
1	1	670523	Upper Hook – LH
2	1	670524	Upper Hook – RH
3	8	766154	Capscrew, M16 x 40
4	8	684586	Lockwasher, M16
5	2	675968	Lower Hook
6	4	765612	Capscrew, M16 x 100
7	4	217637	Washer, M16
8	4	781534	Nut, M16
9	4	689997	Capscrew, M16 x 60
10	1	6804014	Center Spacer
11	2	767810	Capscrew, M12 x 25
12	2	6804013	Spacer
13	1	669344	Stop Block Kit

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