



Parts Manual

Model 45F Roll Clamp

Serial Number 45F-RCP-215

cascade[®]

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

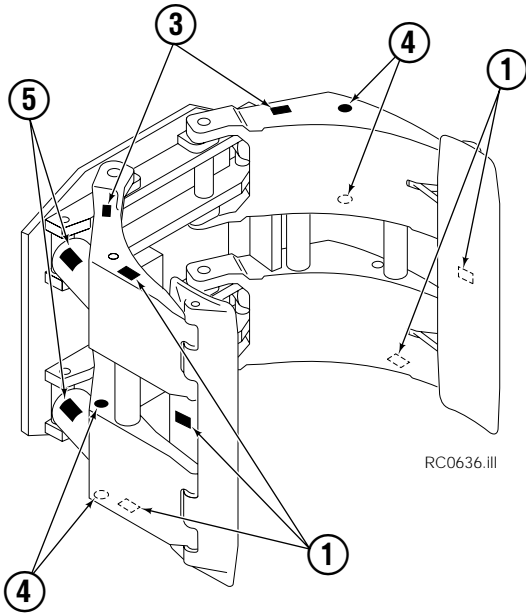
To Order Parts call: 888-227-2233, Fax: 888-329-0234

OR

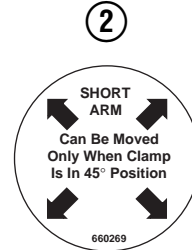
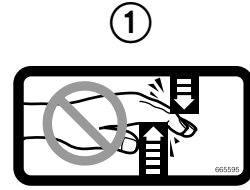
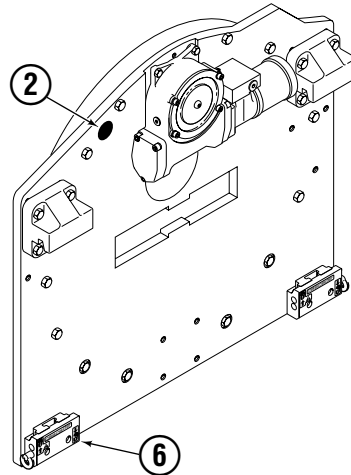
Write: Cascade Corporation, P.O. Box 20187, Portland, OR 97220

Internet: www.cascorp.com

Safety Decals

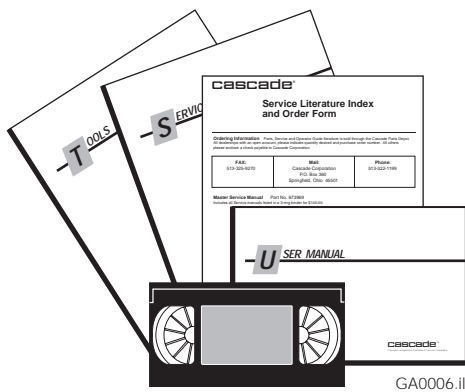


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Roll Clamp Safety Decals			
REF	QTY	PART NO.	DESCRIPTION
1	6	665595	No Hand Hold Decal
2	3	660269	Short Arm Rotation Position Decal
3	4	656038	Caution Decal
4	4	679150	No Step Decal
5	4	665677	Trapped Pressure Decal
6	1	679059	Quick-Change Hook Decal

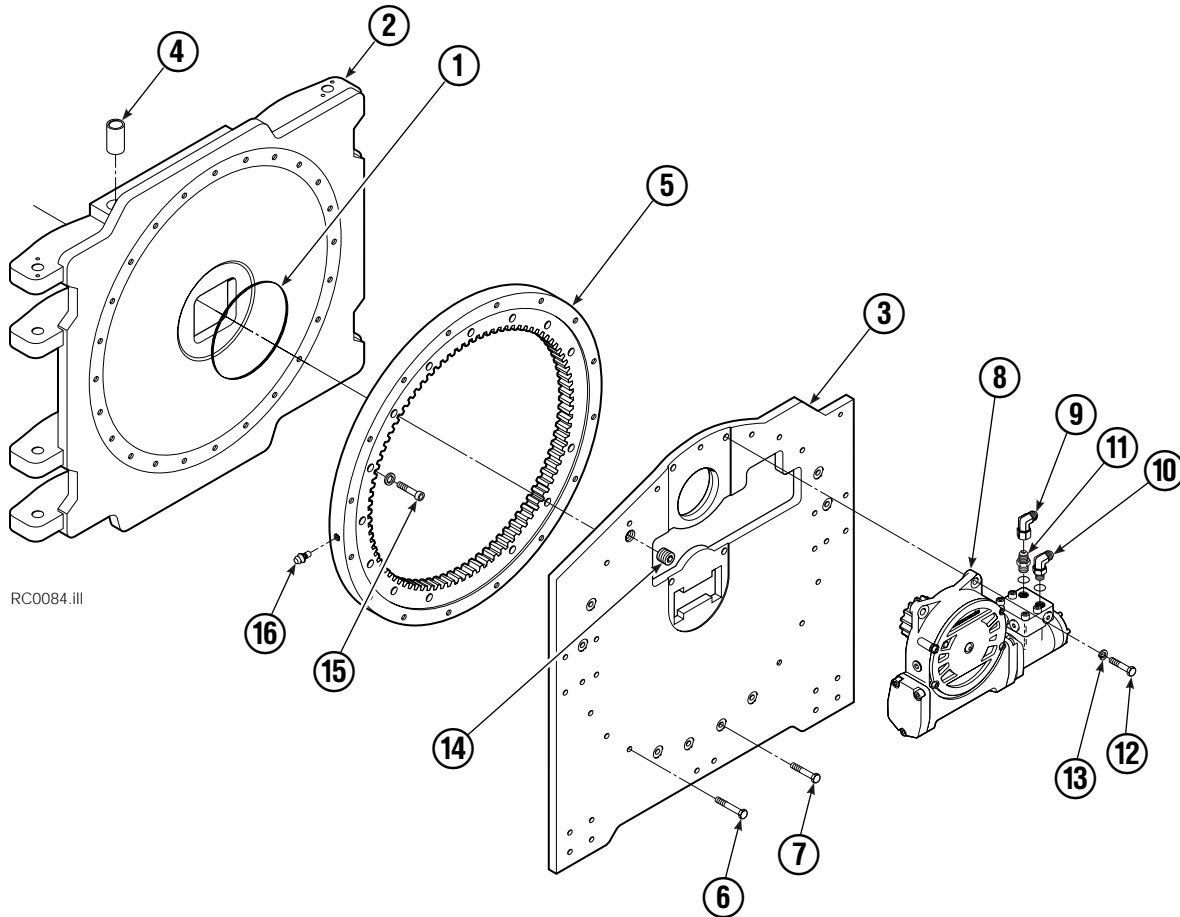
Publications



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Roll Clamp Publications	
674512	Service Manual
674509	Operator's Guide – Fixed Frame
676268	Operator's Guide – Swing Frame
674510	Installation Instructions – Fixed Frame
674511	Installation Instructions – Swing Frame
677555	Driver Training Video – VHS
678363	Troubleshooting Video – VHS
680664	Servicing Cascade Cylinders – VHS
679929	Tool Catalog
673964	Literature Index Order Form

Frame Group



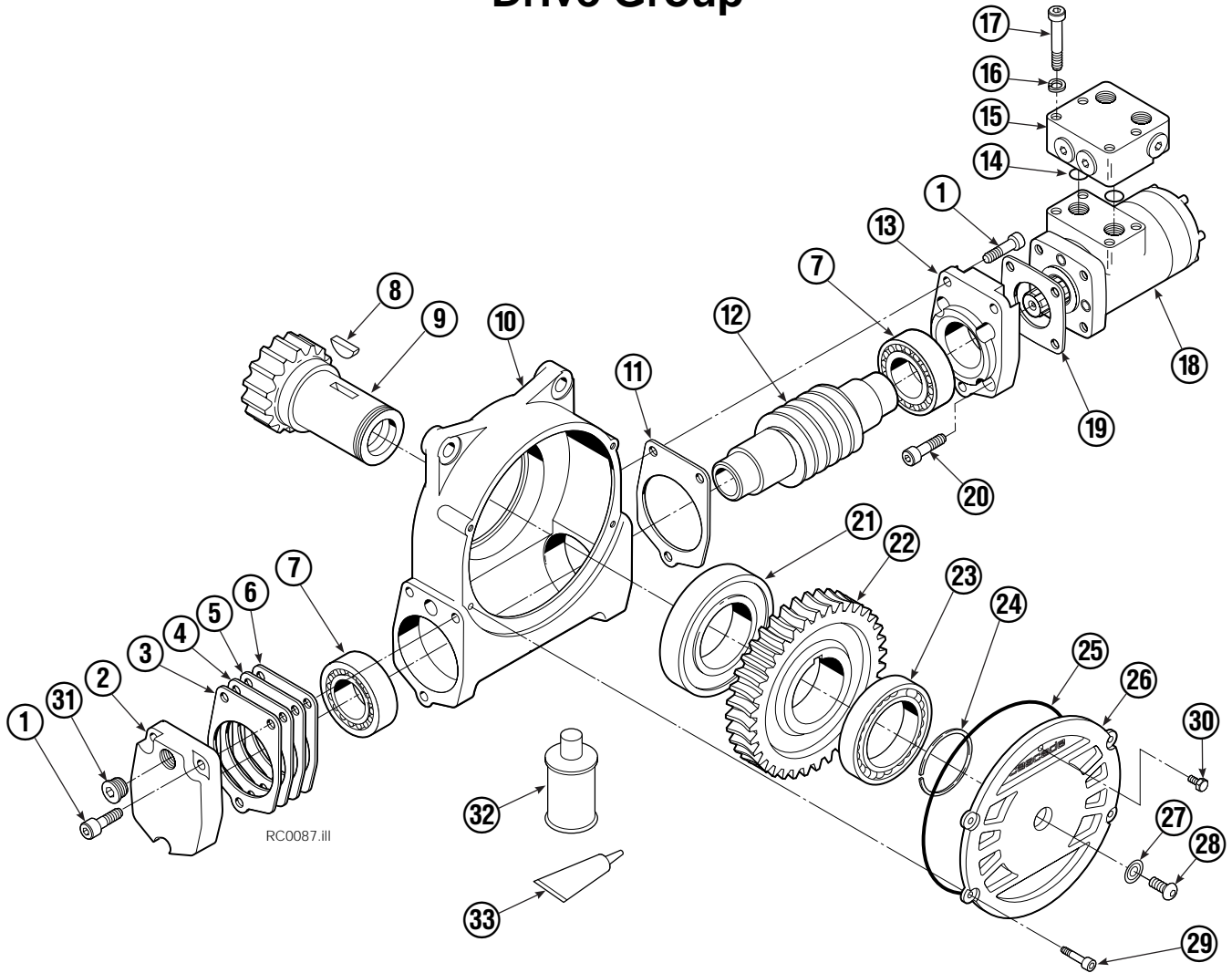
45F			
REF	QTY	PART NO.	DESCRIPTION
		682189	Frame Group
1	1	670931	Seal
2	1	682433	Faceplate
3	1	680679	Baseplate
4	8	674843	Bushing
5	1	672828	Bearing Assembly ▲
6	9	643539	Capscrew, 1/2 NC x 1.75
7	7	643538	Capscrew, 1/2 NC x 1.50
8	1	675628	Drive Group ●
9	1	605761	Fitting, 8-8
10	1	601250	Fitting, 8-8
11	1	601377	Fitting, 8-8
12	4	661742	Capscrew, 1/2 NC x 1.25
13	4	6290	Lockwasher
14	1	6605	Plug
15	16	4505	Capscrew ▲
16	1	7401	Grease Fitting

▲ Included in Bearing Service Kit 672481.

● See Drive Group page for parts breakdown.

Reference: Common Parts Group 680700, SK-5359.

Drive Group

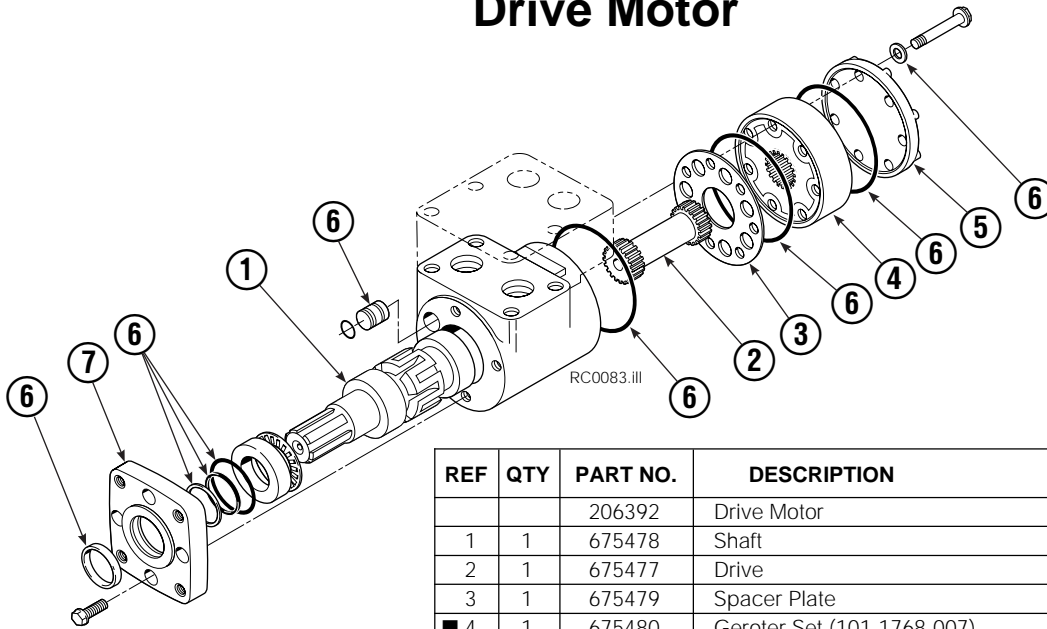


REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
		675628	Drive Group with Motor	19	1	670575	Gasket
	■	675631	Drive Group without Motor	20	4	4468	Capscrew, 3/8 NC x .75 GR8
1	6	607061	Capscrew	21	1	670580	Bearing
2	1	676855	Cover	22	1	675609	Worm Gear
3	●	674513	Shim - .005 in. (blue)	23	1	670581	Bearing
4	●	670574	Shim - .010 in. (brown)	24	1	7214	Snap Ring
5	●	671757	Shim - .015 in. (pink)	25	1	643423	Gasket
6	●	671758	Shim - .020 in. (yellow)	26	1	670567	Cover
7	1	670579	Bearing	27	1	603680	Seal
8	1	670582	Key	28	1	783608	Capscrew, M12 x 16
9	1	670506	Pinion	29	4	671535	Capscrew
10	1	670565	Housing	30	1	644010	Relief Fitting
11	1	686465	Gasket	31	1	604510	Fitting, 6
12	1	675608	Worm	32	1	656300	Gear Box Lube - 48 oz.
13	1	670570	Adapter	33	1	668184	Sealant
14	2	2705	O-Ring			670578	Shim Service Kit (items 3-6, 11, 33)
15	1	670549	Check Valve			675637	Shim Service Kit (items 21, 33)
16	4	6444	Lockwasher, 5/16			675638	Shim Service Kit (items 3-7)
17	4	607059	Capscrew, 5/16 NC			206394	Motor Kit (items 11,14,18,19,20,33)
18	1	206392	Drive Motor ▲				

- Includes all items except 15, 17 and 18.
- Quantity as required.
- ▲ See Drive Motor page for parts breakdown.

Reference: Common Parts Group 675627, SK-5032.

Drive Motor

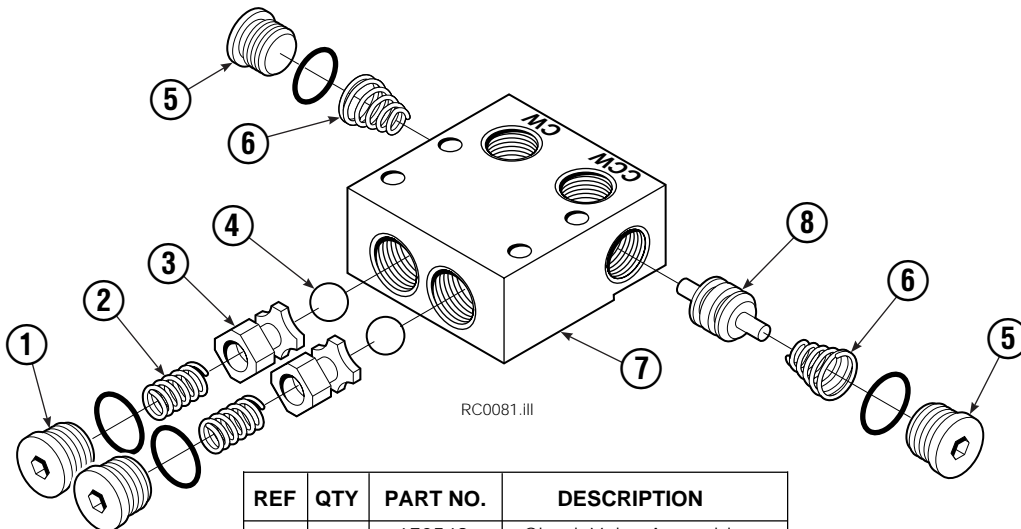


REF	QTY	PART NO.	DESCRIPTION
		206392	Drive Motor
1	1	675478	Shaft
2	1	675477	Drive
3	1	675479	Spacer Plate
■ 4	1	675480	Gerotor Set (101-1768-007)
■ 4	1	685075	Gerotor Set (101-1768-009)
5	1	675482	End Cap
● 6	1	206405	Service Kit
■ 7	1	685089	Flange (101-1768-007)
■ 7	1	685090	Flange (101-1768-009)

Cascade provides service replacement parts for the listed parts only. Due to cost, if others parts need replacement, the complete drive motor should be replaced.

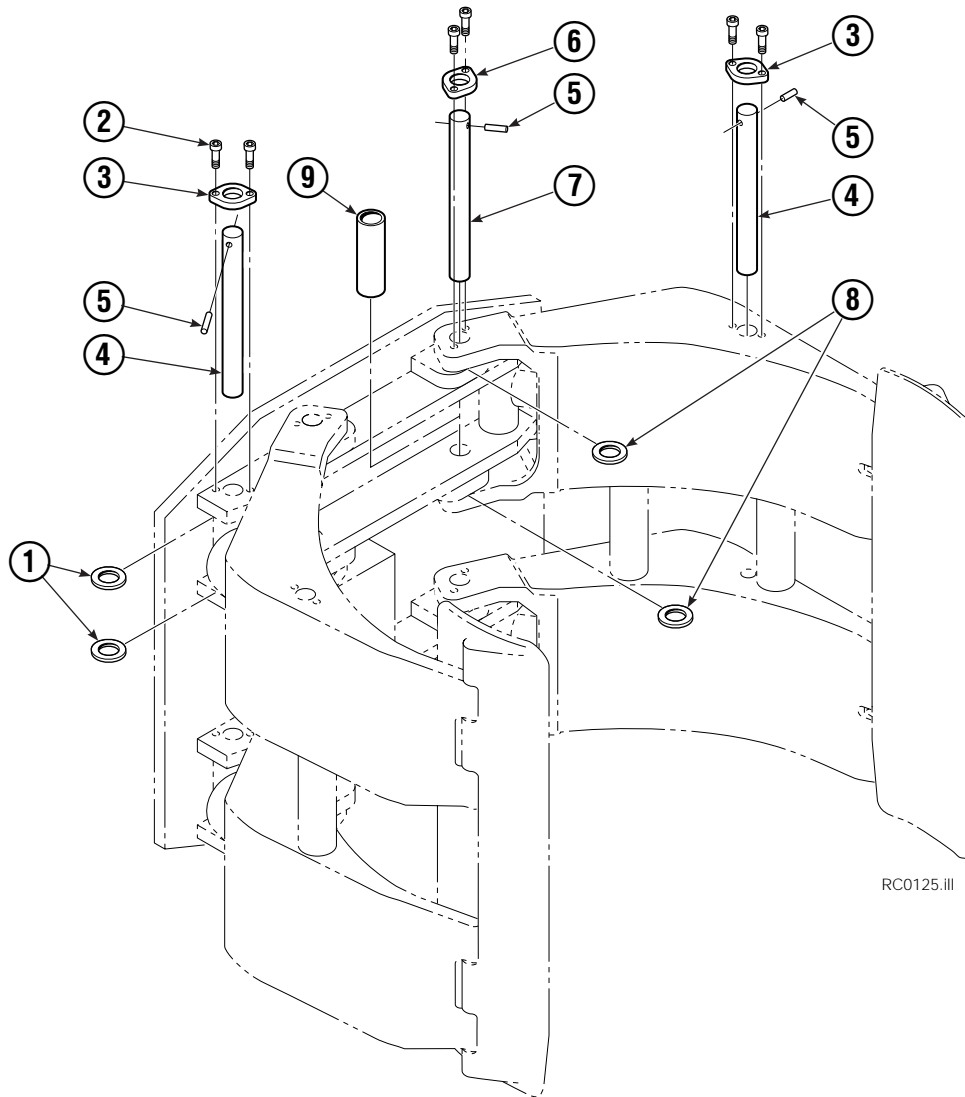
- See Nameplate under valve for correct part number of Gerotor Set and Flange.
- Compatible with water glycol based hydraulic fluids.

Check Valve



REF	QTY	PART NO.	DESCRIPTION
		670549	Check Valve Assembly
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

Common Components Group

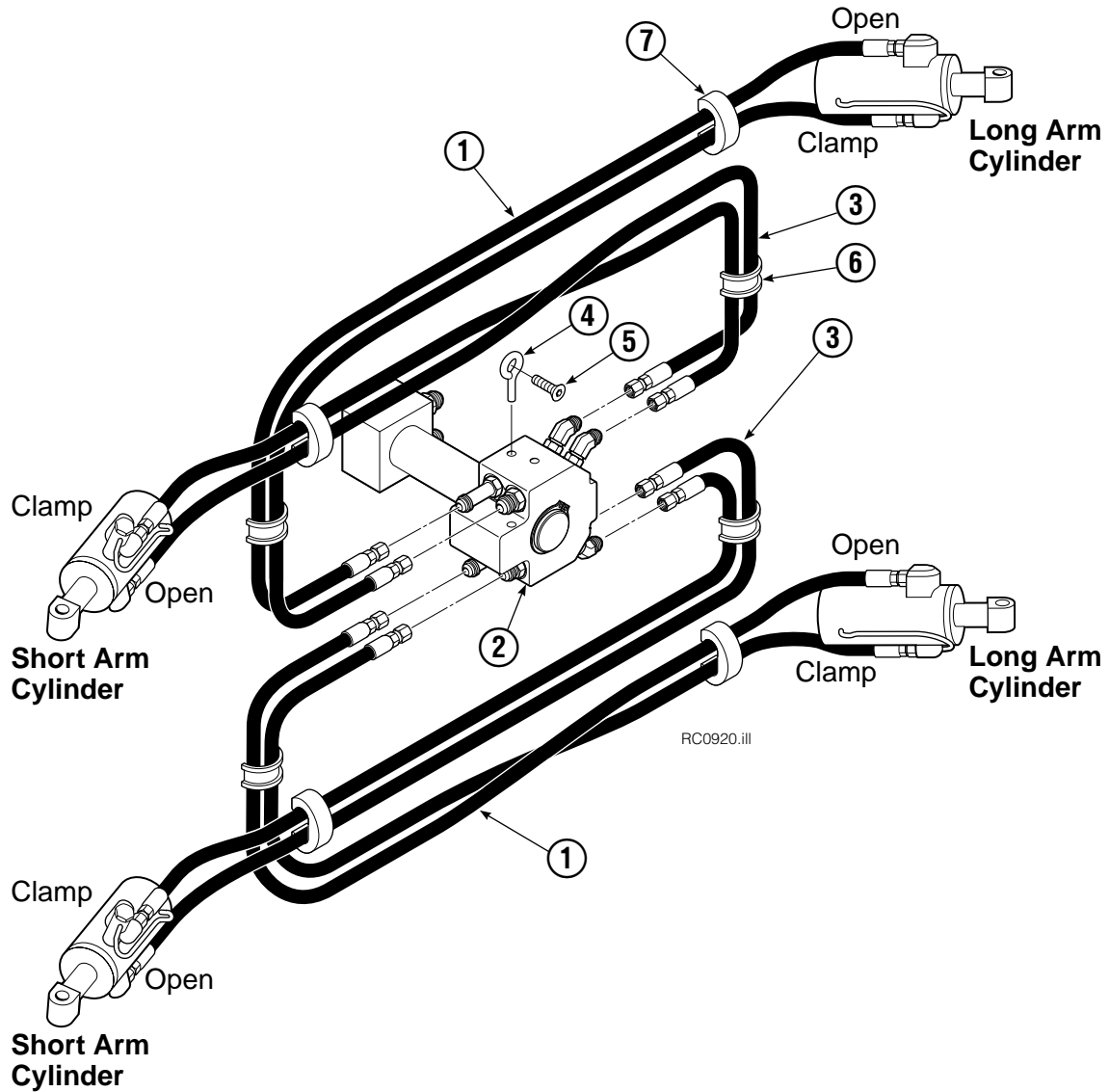


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REF	QTY	PART NO.	DESCRIPTION
		680634	Common Components Group
1	8	674837	Shim
2	24	4466	Capscrew, 3/8 NC x .50
3	8	674827	Retainer
4	8	680639	Pin
5	12	673385	Drive Pin
6	4	674828	Retainer
7	4	674835	Pin
8	16	660200	Shim
9	4	681669	Spacer

Reference: SK-4962, SK-4963.

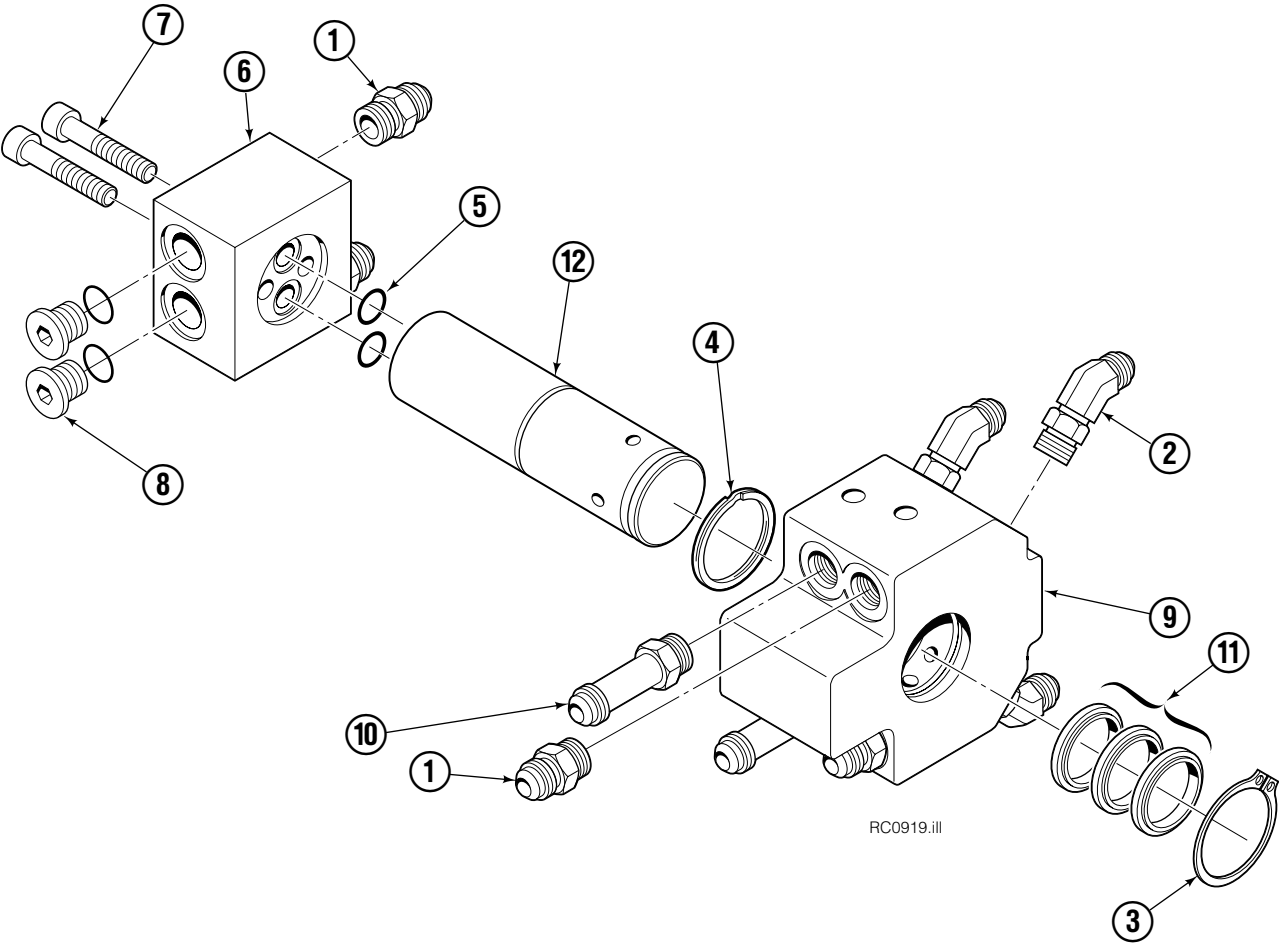
Hosing Group



45F			
REF	QTY	PART NO.	DESCRIPTION
		6014473	Hosing Group
1	4	680115	Hose, 43.75 in.
2	1	6014471	Revolving Connection ▲
3	4	680115	Hose, 43.75 in.
4	2	227962	Eye Pin
5	2	4751	Capscrew, M10 x 25
6	4	680113	Insert
7	4	673416	Segment

▲ See Revolving Connection page for parts breakdown.
Reference: Common Parts 6014474, SK-6437.

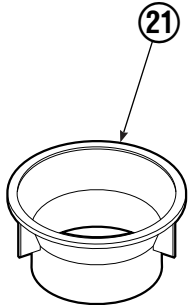
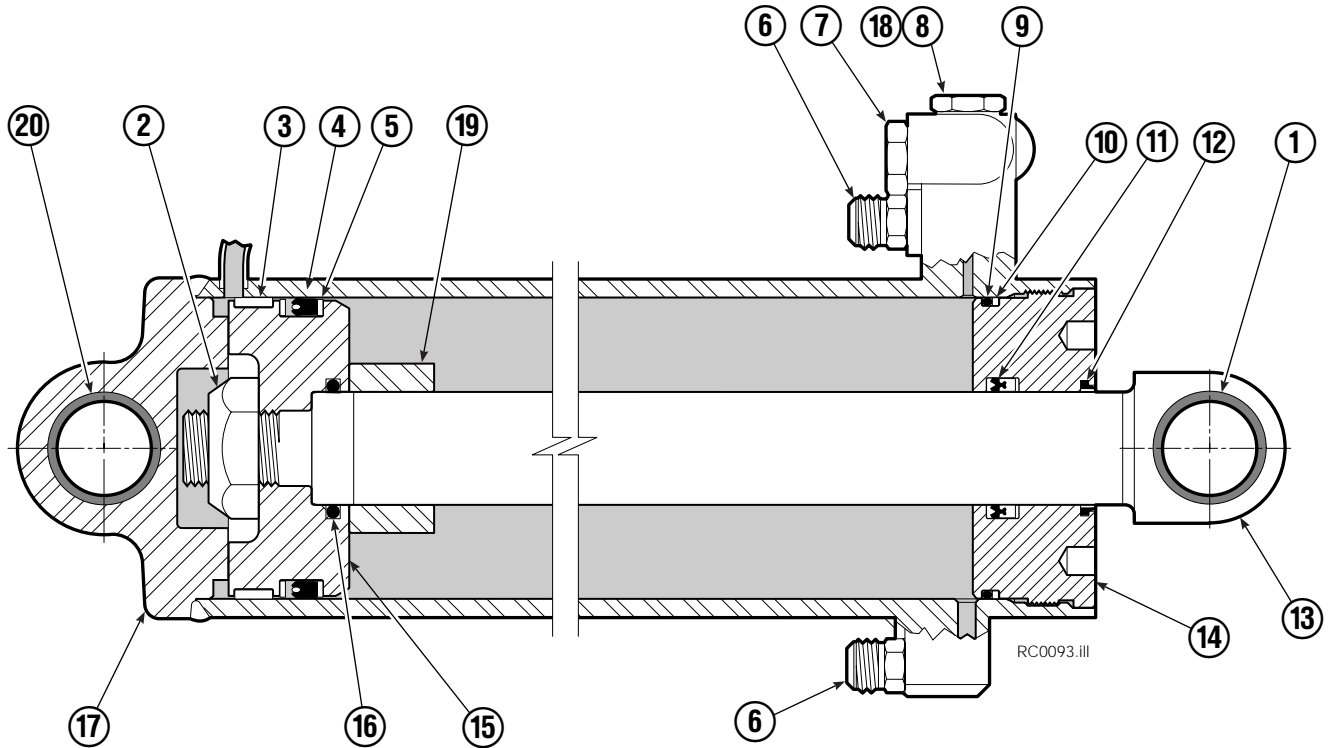
Revolving Connection



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45F			
REF	QTY	PART NO.	DESCRIPTION
		6014471	Revolving Connection
1	4	604511	Fitting, 6-6
2	4	611302	Fitting, 6-6
3	1	3138	Snap Ring
4	1	7341	Snap Ring
5	2	564448	O-Ring
6	1	6014472	End Block
7	2	768796	Capscrew, M8 x 35
8	2	604510	Fitting, 6
9	1	6000891	Body
10	2	605743	Fitting Adapter
11	3	214649	Seal
12	1	6000935	Shaft
		222694	Service Kit

Short Arm Cylinder

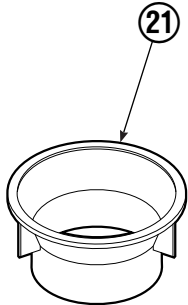
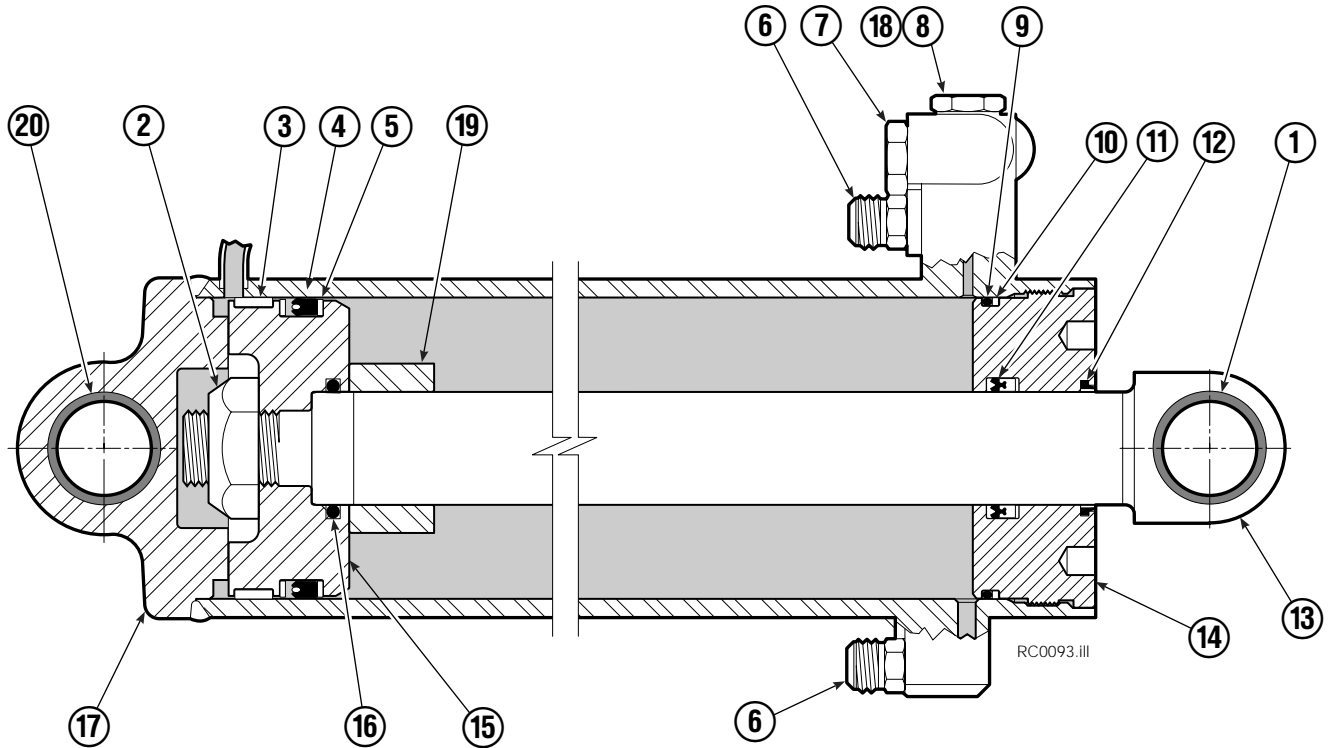


REF	QTY	PART NO.	DESCRIPTION
		555155	Cylinder Assembly
1	1	674840	Bearing
2	1	560997	Nut
◆3	1	660767	Bearing
◆4	1	662460	Seal
◆5	2	638293	Back-Up Ring
6	2	604511	Fitting, 6-6
7	1	556852	Fitting, 4
8	1	557212	Check Valve
◆9	1	2797	O-Ring
◆10	1	615140	Back-Up Ring
◆11	1	554598	Seal
◆12	1	564930	Wiper
13	1	555243	Rod
14	1	555207	Retainer
15	1	555226	Piston
◆16	1	2722	O-Ring
17	1	555242	Shell
18	1	667516	Check Valve Service Kit
19	1	-	Spacer
20	2	564372	Bearing
21	1	672909	Seal Loader
		555227	Service Kit

◆ Included in Service Kit 555227.

Ref: S-5306, S-5561

Long Arm Cylinder

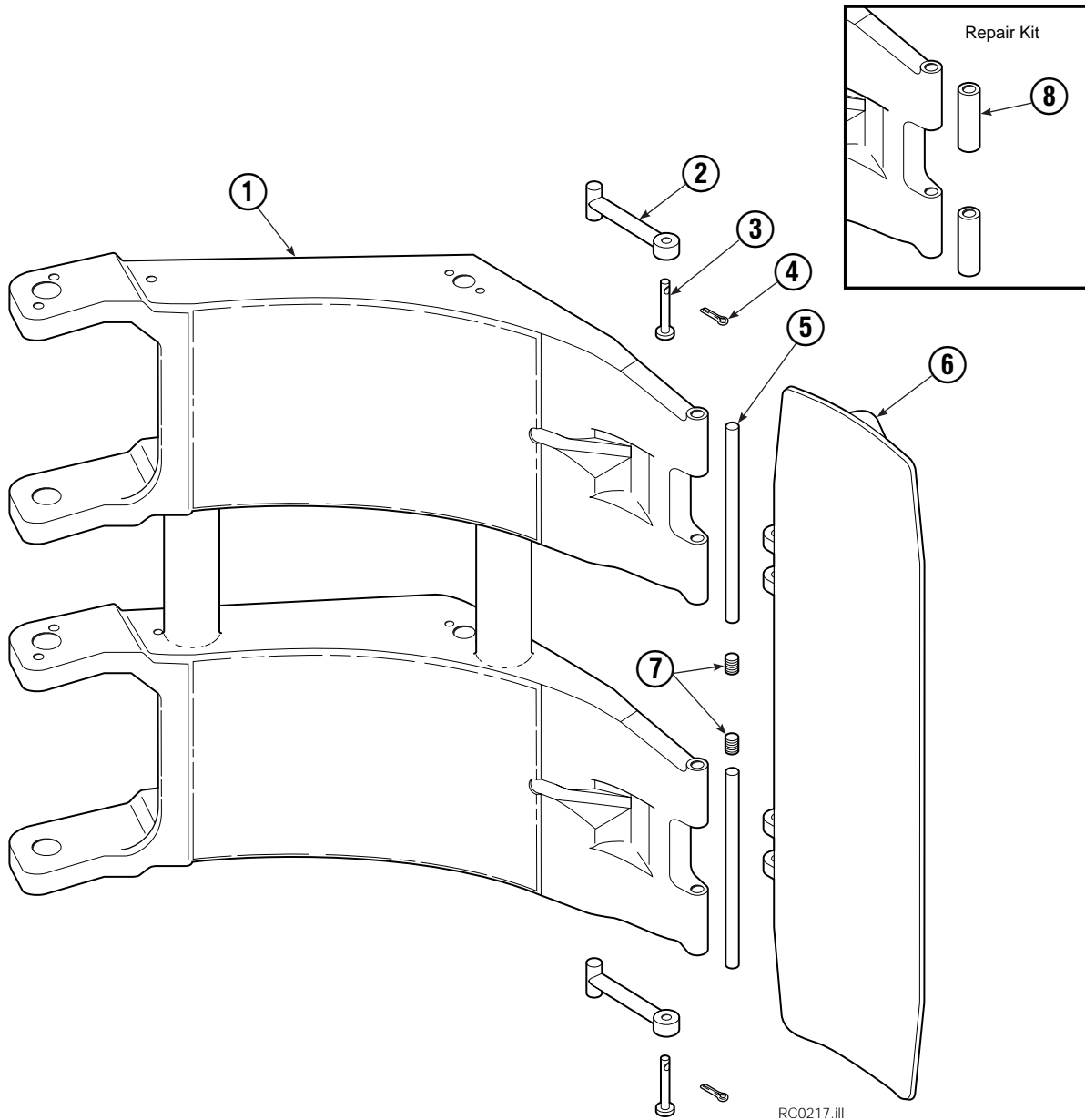


REF	QTY	PART NO.	DESCRIPTION
		555153	Cylinder Assembly
1	1	674840	Bearing
2	1	560997	Nut
◆3	1	660767	Bearing
◆4	1	662460	Seal
◆5	2	638293	Back-Up Ring
6	2	604511	Fitting, 6-6
7	1	556852	Fitting, 4
8	1	557212	Check Valve
◆9	1	2797	O-Ring
◆10	1	615140	Back-Up Ring
◆11	1	554598	Seal
◆12	1	564930	Wiper
13	1	555220	Rod
14	1	555207	Retainer
15	1	555226	Piston
◆16	1	2722	O-Ring
17	1	555219	Shell
18	1	667516	Check Valve Service Kit
19	1	-	Spacer
20	2	674840	Bearing
21	1	672909	Seal Loader
		555227	Service Kit

◆ Included in Service Kit 555227.

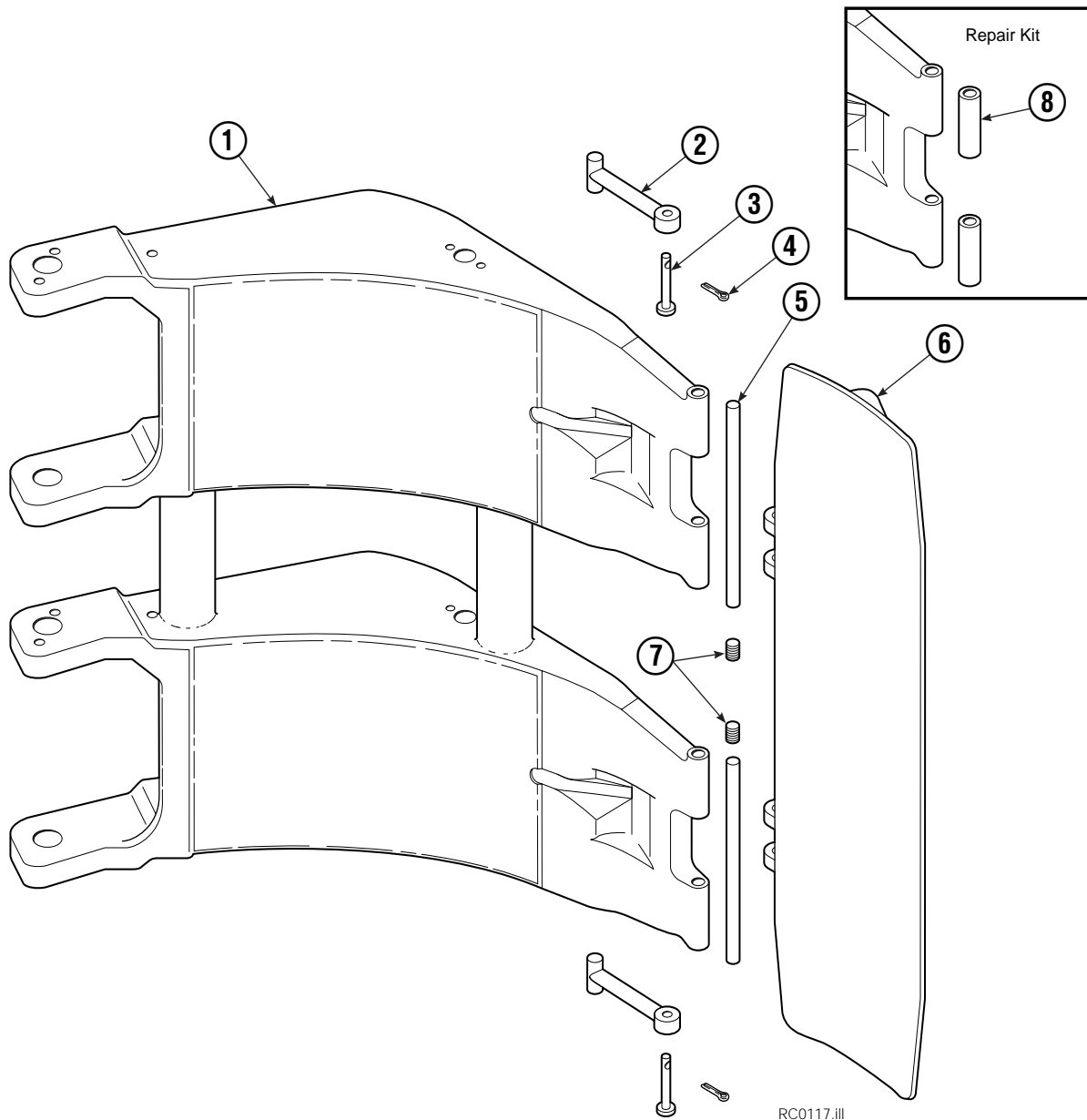
Ref: S-5305, S-5559

Short Arm



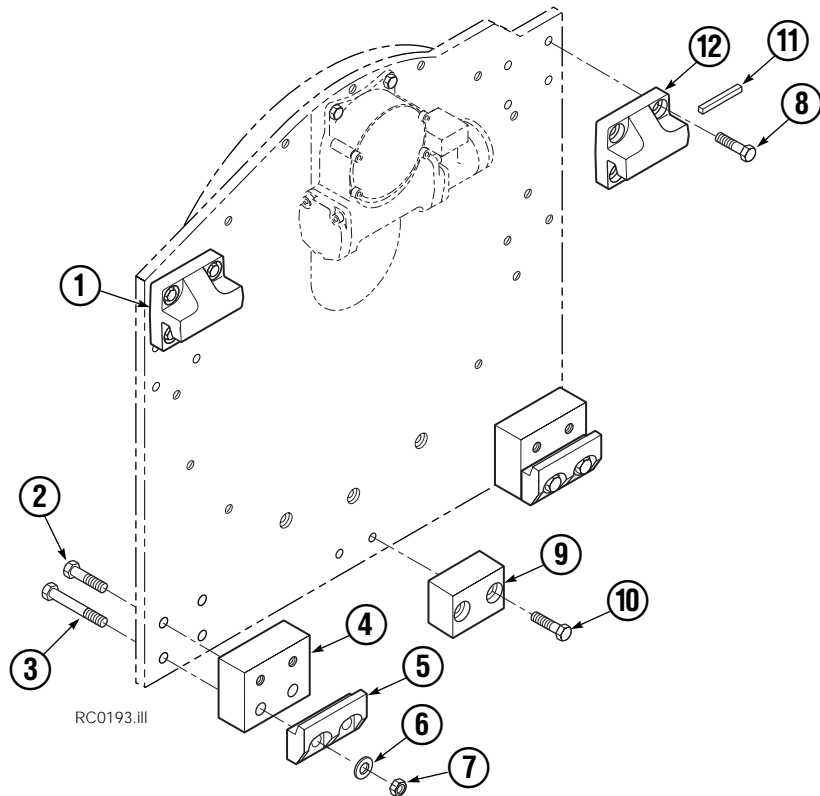
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REF	QTY	PART NO.	DESCRIPTION
		354835	Contact Pad Group – Items 2-7
1	1	674705	Short Arm
2	2	674700	Link
3	2	674265	Clevis Pin
4	2	6525	Cotter Pin
5	2	674701	Pin
6	1	353998	Contact Pad
7	2	604510	Fitting
8	1	674928	Arm Tip Repair Kit

Long Arm



45F			
REF	QTY	PART NO.	DESCRIPTION
		354835	Contact Pad Group - Items 2-7
1	1	680437	Long Arm
2	2	674700	Link
3	2	674265	Clevis Pin
4	2	6525	Cotter Pin
5	2	674701	Pin
6	1	353998	Contact Pad
7	2	604510	Fitting
8	1	674928	Arm Tip Repair Kit

Bolt-On Mounting Group



Class II, 0°			
REF	QTY	PART NO.	DESCRIPTION
		680630	Mounting Group
1	1	670523	Upper Hook - LH
2	4	3709	Capscrew, 5/8 NC x 1.50
3	4	674261	Capscrew, 5/8 NC x 3.75
4	2	676037	Spacer
5	2	675968	Lower Hook
6	4	667225	Washer
7	4	676281	Nut, 5/8 in. ID
8	8	667765	Capscrew, 5/8 NC x 1.50
9	1	680683	Center Spacer
10	2	677828	Capscrew, 1/2 NC x 1.00
11	1	669344	Stop Kit
12	1	670524	Upper Hook - RH

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

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