



Parts Manual

Model 40D Rotator

Serial Number 40D-RRB-13AR0

cascade[®]
corporation

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

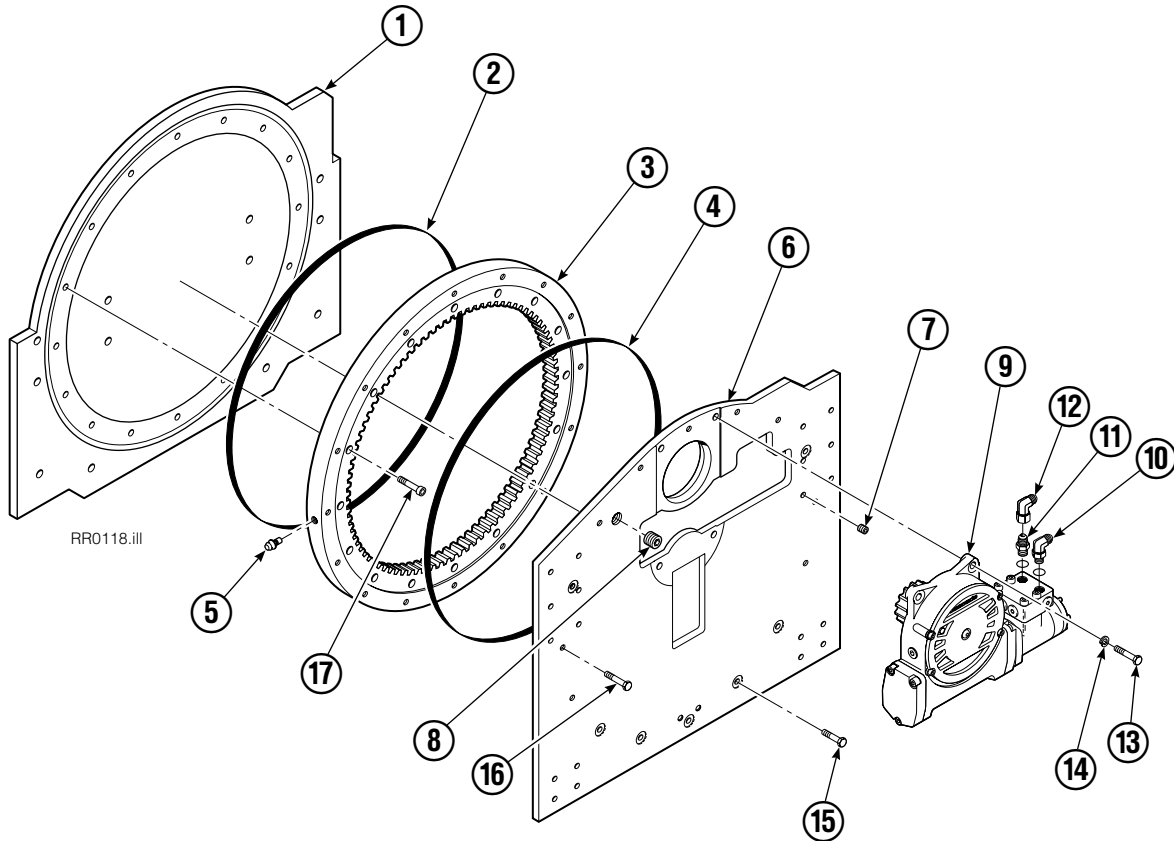
To Order Parts call: 888-227-2233, Fax: 888-329-0234

OR

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

Internet: www.cascorp.com

Rotator Group

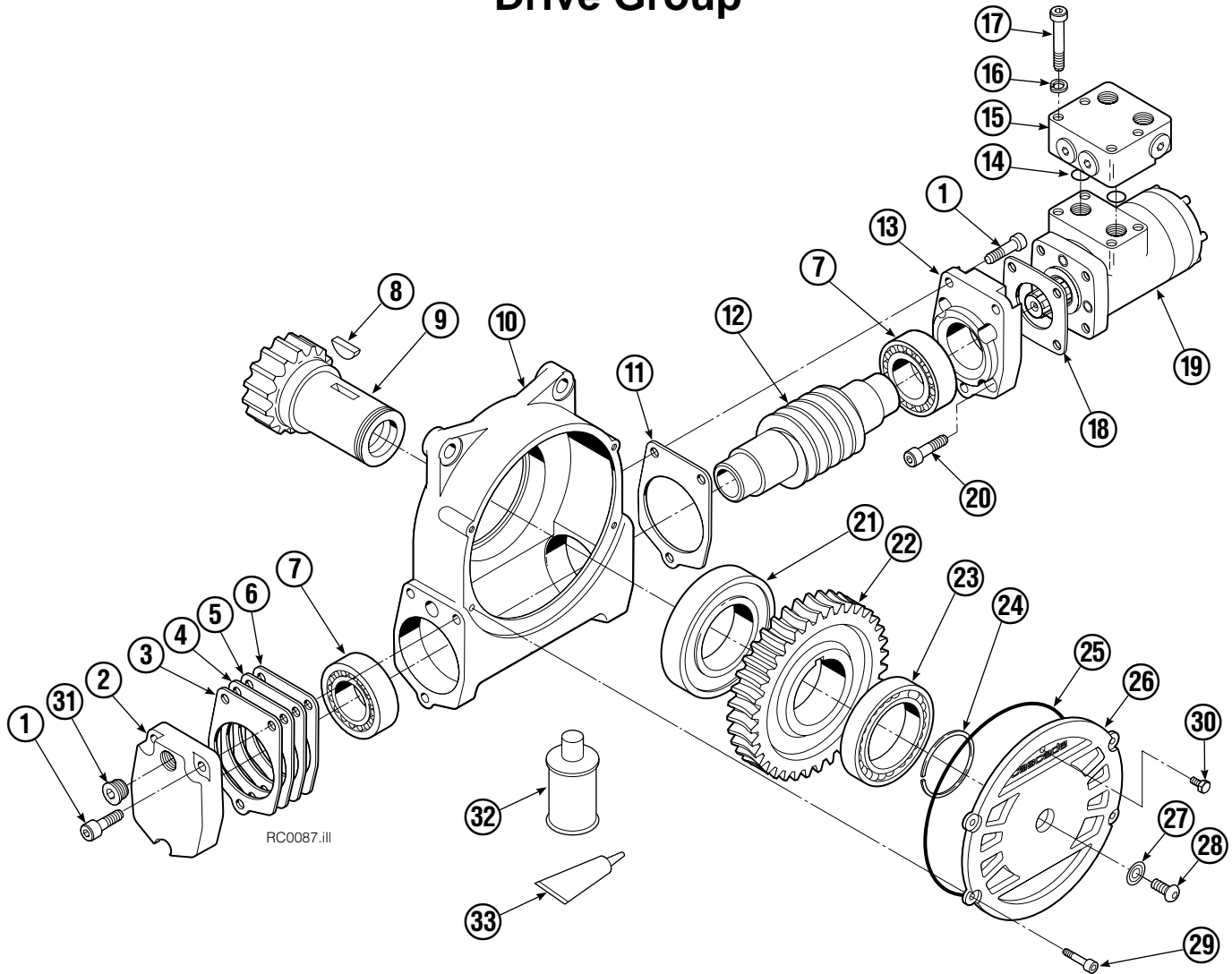


40D			
REF	QTY	PART NO.	DESCRIPTION
		204146	Rotator Group
1	1	204148	Faceplate
2	1	670513	Seal
3	1	672828	Bearing Assembly
4	1	670514	Seal
5	1	7401	Grease Fitting
6	1	681820	Baseplate
7	4	631385	Plug
8	1	6605	Plug
9	1	795491	Drive Group ▲
10	1	601250	Fitting, 8-8
11	1	601377	Fitting, 8-8
12	1	605761	Fitting, 8-8
13	4	661742	Capscrew, .5 x 1.25
14	4	6290	Lockwasher, .5
15	7	643538	Capscrew, .5 x 1.50
16	9	643539	Capscrew, .5 x 1.75
17	16	4505	Capscrew, .5 x 1.25

▲ See Drive Group page for parts breakdown.

Reference: Common Parts Group 680700, SK-5343.

Drive Group



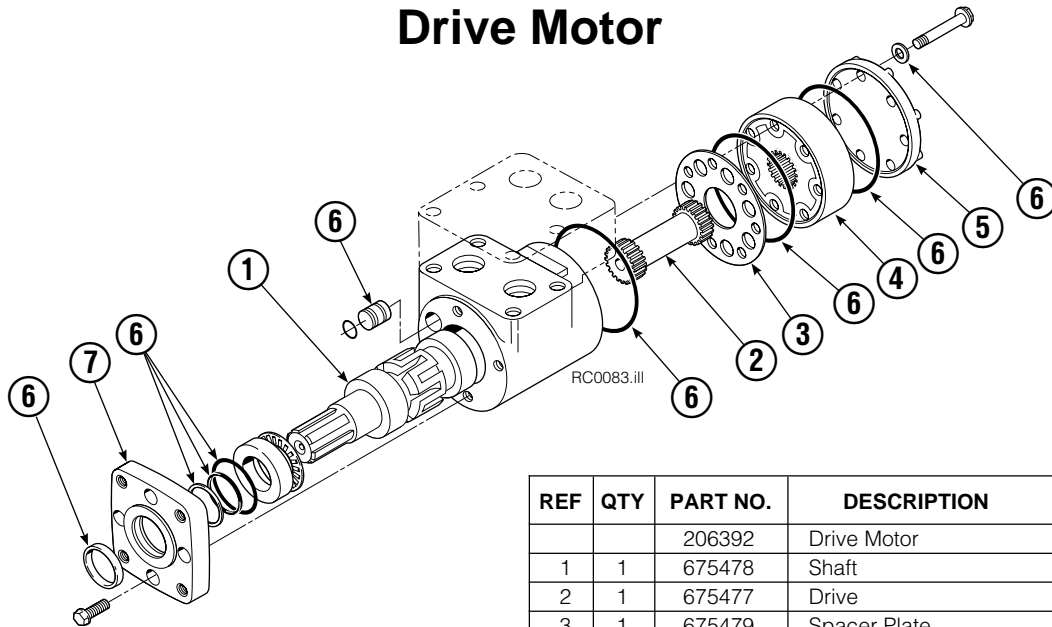
REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
		795491	Drive Group with 2.8 c.i. Motor	19	1	206392	Drive Motor – 2.8 c.i. ▼
1	6	769570	Capscrew, M12 x 25	20	4	4468	Capscrew, 3/8 NC x .75 GR8
2	1	676855	Cover	21	1	670580	Bearing
3	●	674513	Shim – .005" (blue)	22	1	675609	Worm Gear
4	●	670574	Shim – .010" (brown)	23	1	670581	Bearing
5	●	671757	Shim – .015" (pink)	24	1	7214	Snap Ring
6	●	671758	Shim – .020" (yellow)	25	1	643423	O-Ring
7	2	670579	Bearing	26	1	775552	Cover
8	1	670582	Key	27	1	783609	Seal
9	1	670506	Pinion	28	1	783608	Capscrew, M12 x 16
10	1	775551	Housing	29	4	200882	Capscrew, M8 x 20
11	1	686465	Gasket	30	1	644010	Relief Fitting
12	1	675608	Worm	31	1	604510	Fitting, 6
13	1	775553	Adapter	32	1	656300	Gear Box Lube – 48 oz.
14	2	2705	O-Ring	33	1	668184	Sealant
15	1	670549	Check Valve ▲			670578	Shim Service Kit (items 3-6,25,33)
16	4	6444	Lockwasher			675637	Bearing Service Kit (items 21 & 33)
17	4	607059	Capscrew, 5/16 NC x 1.75 GR8			675638	Bearing Service Kit (items 3-7,25)
18	1	670575	Gasket			685227	Motor Kit-4.5 (items 4,14,18)

● Quantity as required.

▲ See Check Valve page for parts breakdown.

▼ See Drive Motor page for parts breakdown.

Drive Motor



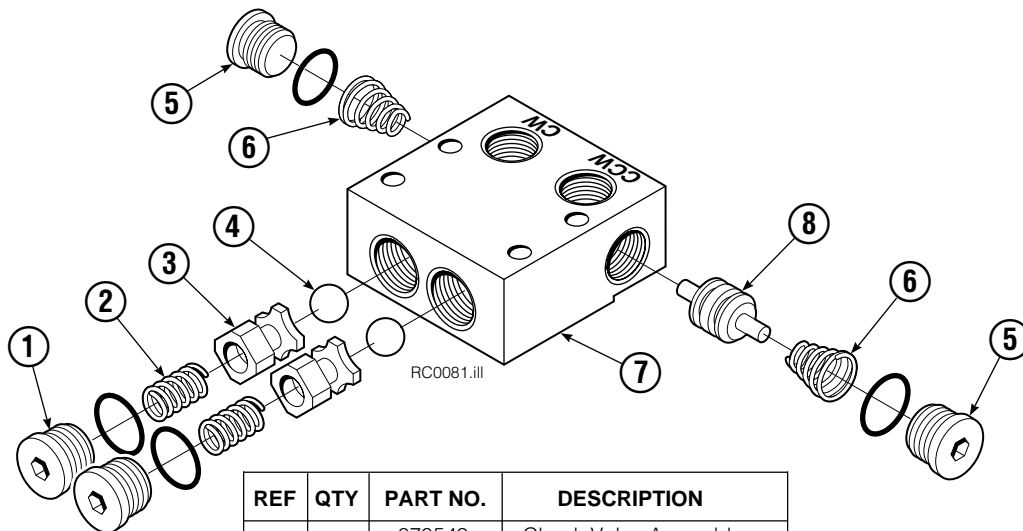
REF	QTY	PART NO.	DESCRIPTION
		206392	Drive Motor
1	1	675478	Shaft
2	1	675477	Drive
3	1	675479	Spacer Plate
■ 4	1	675480	Gerotor Set (101-1768-007)
■ 4	1	685075	Gerotor Set (101-1768-009)
5	1	675482	End Cap
● 6	1	206405	Service Kit
■ 7	1	685089	Flange (101-1768-007)
■ 7	1	685090	Flange (101-1768-009)

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.

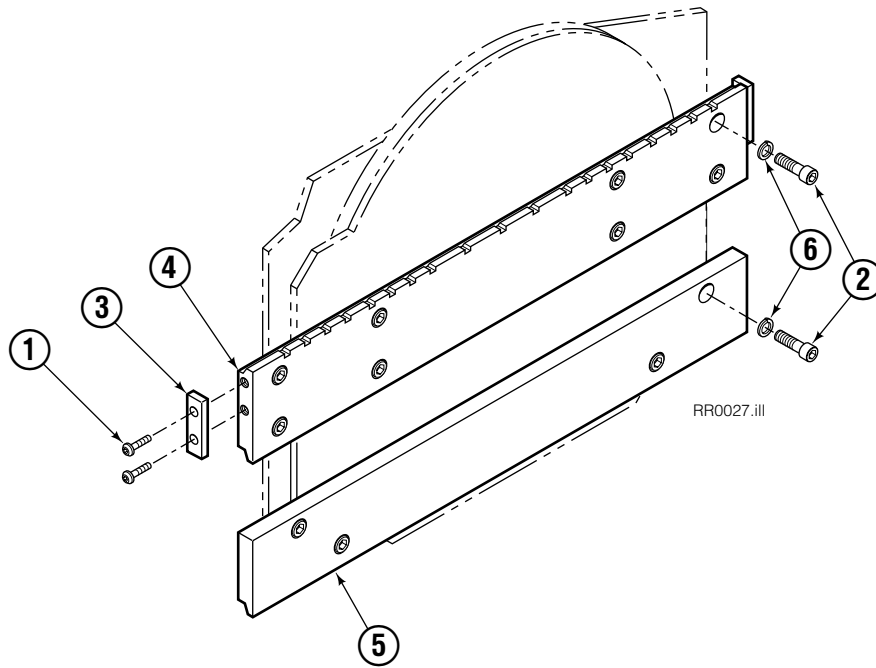
● Compatible with water glycol based hydraulic fluids.

Check Valve



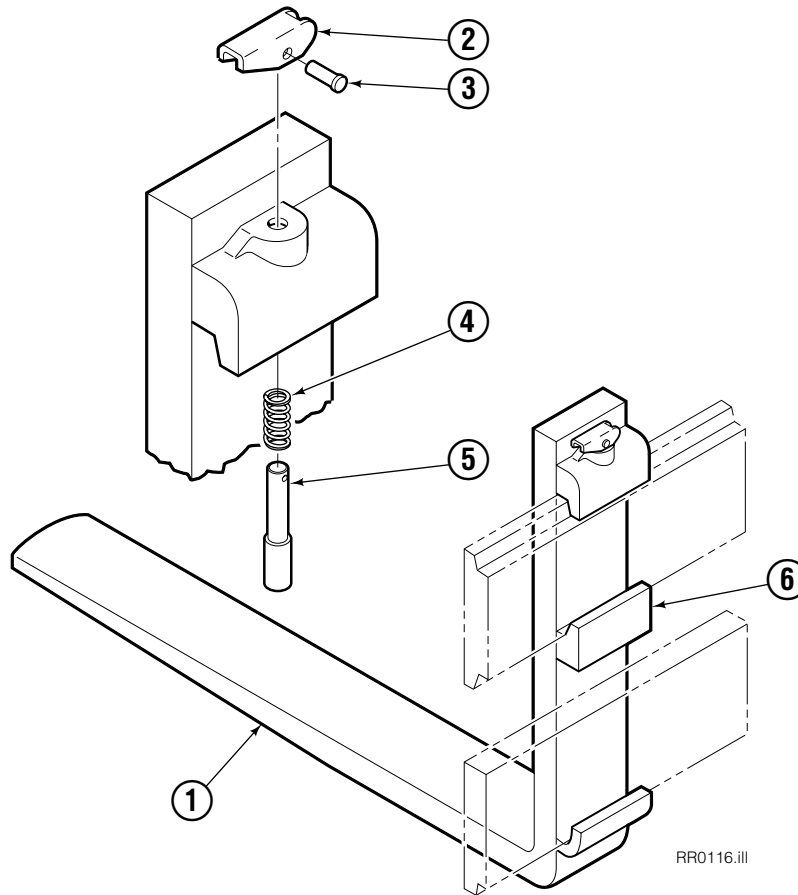
REF	QTY	PART NO.	DESCRIPTION
		670549	Check Valve Assembly
1	2	609453	Fitting, 10
2	2	670552	Spring
3	2	670551	Guide
4	2	7020	Ball
5	2	602580	Fitting, 8
6	2	673989	Spring
7	1	670550	Body
8	1	670553	Spool

Fork Bar Group



40D			
REF	QTY	PART NO.	DESCRIPTION
		206772	Fork Bar Group
1	4	4880	Capscrew, 1/2 NC x 1.0 GR8
2	12	607084	Capscrew, 3/4 NC x 1.25 GR8
3	2	624394	Keeper
4	1	625457	Upper Bar
5	1	680086	Lower Bar
6	12	6447	Lockwasher, 3/4 ID

Adjustable Forks



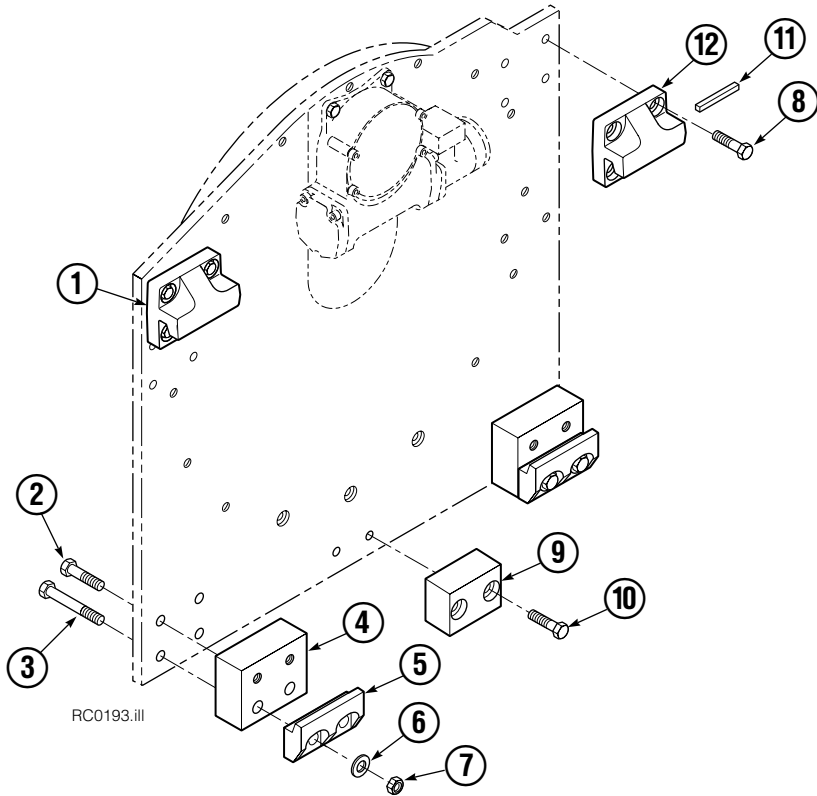
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40D						
REF	QTY	30" PART NO.	36" PART NO.	42" PART NO.	48" PART NO.	DESCRIPTION
		633042	633043	633044	633045	Fork Assembly
1	1	645602	645603	645604	645605	● Fork
2	1	622897	622897	622897	622897	Handle
3	1	8007	8007	8007	8007	Rivet
4	1	622908	622908	622908	622908	Spring
5	1	622907	622907	622907	622907	Pin
6	1	689279	689279	689279	689279	■ Middle Hook

● Includes item 6 welded in place.

■ Required when using customer supplied forks.

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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