



Parts Manual

Model 40D Rotator

Serial Number 40D-RRB-24FR0

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



REF	QTY	PART NO.	DESCRIPTION
1	1	679150	No Step Decal

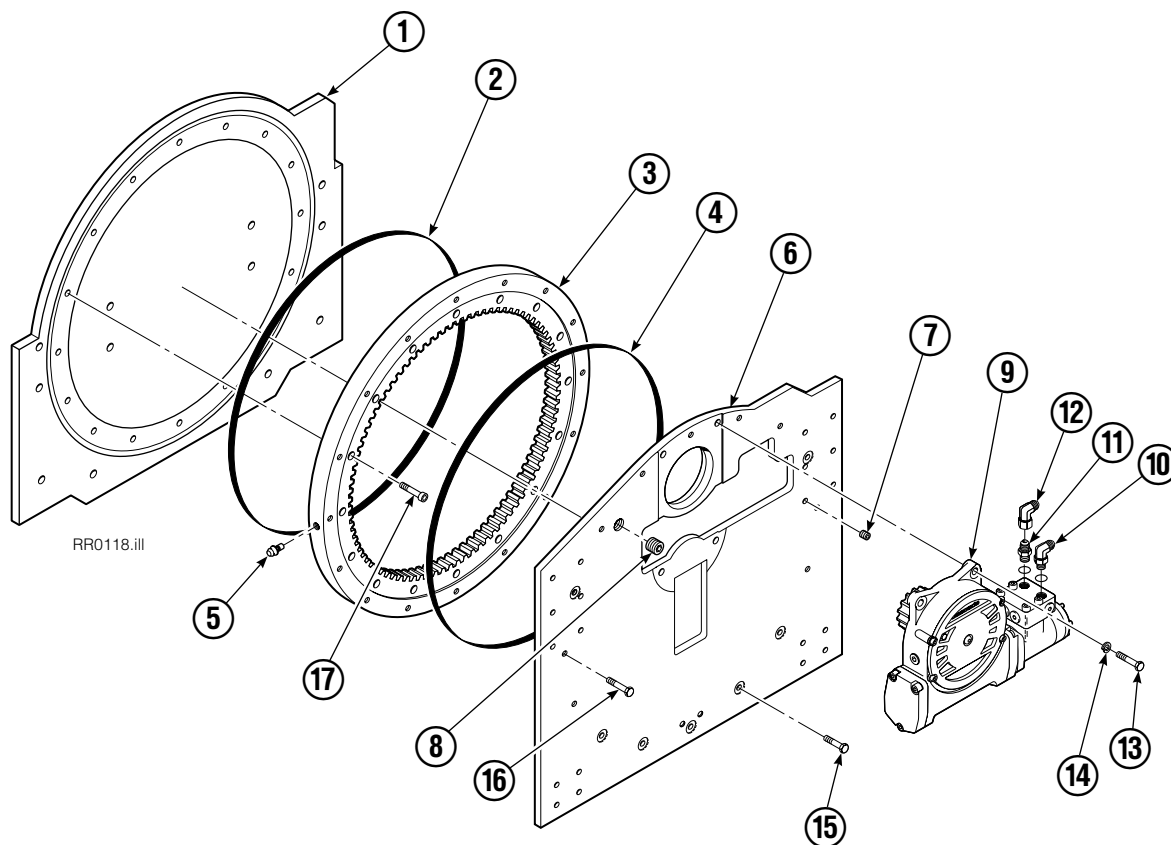
Publications



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PART NO.	DESCRIPTION
672946	Service Manual
672714	Operators Guide
668987	Installation Instructions
679929	Tool Catalog
673964	Literature Index Order Form

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.

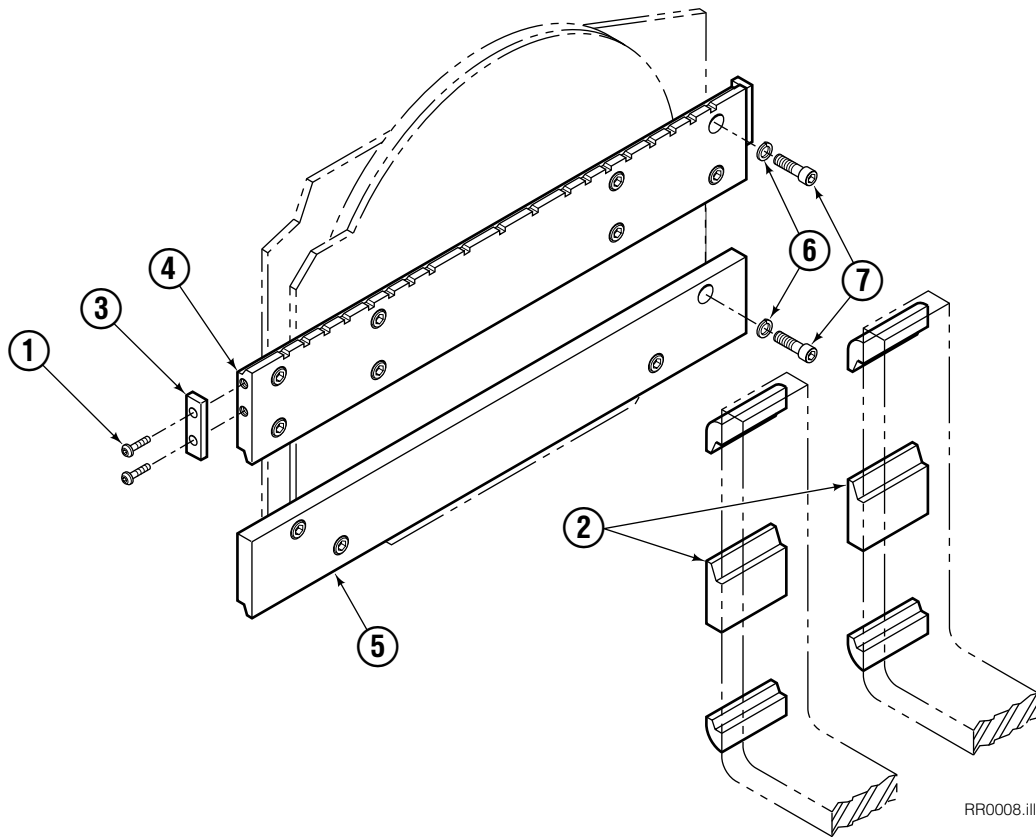
- See Nameplate under valve for correct part number of Gerotor Set and Flange.
- Compatible with water glycol based hydraulic fluids.

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

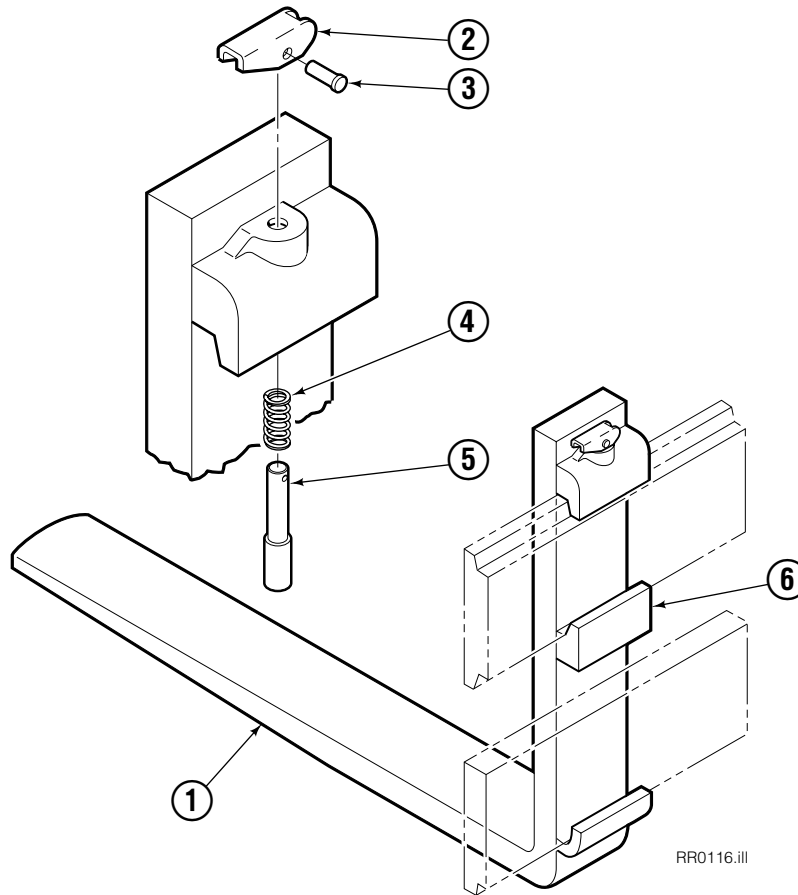


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REF	QTY	PART NO.	DESCRIPTION
		206773	Fork Bar Group
1	4	4880	Capscrew, 1/2 NC x 1.0 GR8
2	2	689279	Hook
3	2	624394	Keeper
4	1	676704	Upper Bar
5	1	204150	Lower Bar
6	12	6447	Lockwasher, .625
7	12	607084	Capscrew, .625 x 1.25

Reference: SK-4684.

Adjustable Forks

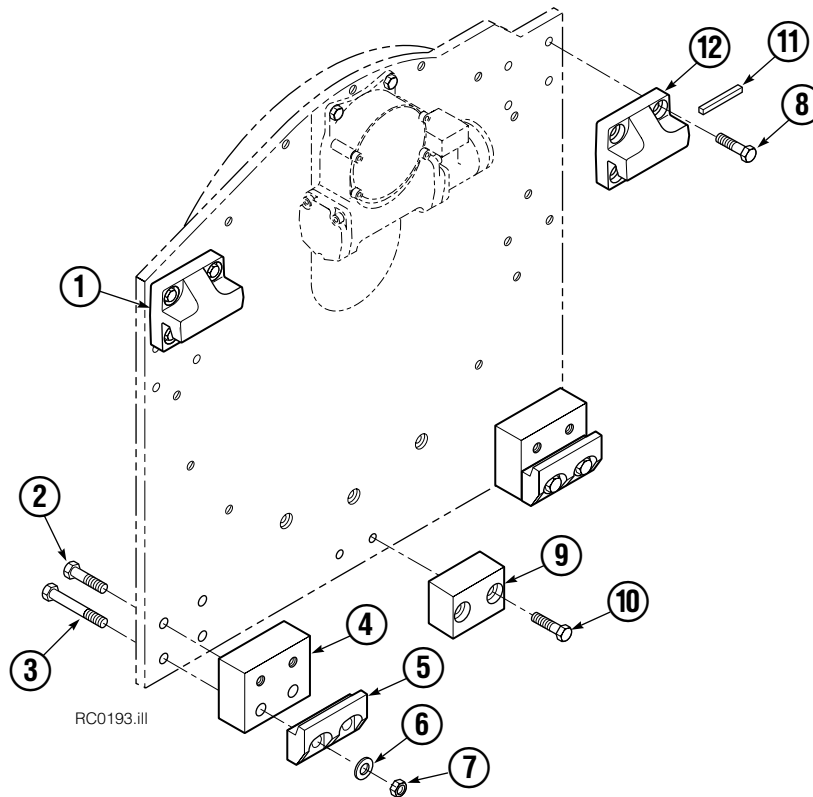


30E						
REF	QTY	30" PART NO.	36" PART NO.	42" PART NO.	48" PART NO.	DESCRIPTION
		633042	633043	633044	633045	Fork Assembly
1	1	645602	645603	645604	645605	● Fork
2	1	622897	622897	622897	622897	Handle
3	1	8007	8007	8007	8007	Rivet
4	1	622908	622908	622908	622908	Spring
5	1	622907	622907	622907	622907	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, 4°

REF	QTY	PART NO.	DESCRIPTION
		680629	Mounting Group
1	1	670523	Upper Hook – LH
2	4	3708	Capscrew, 5/8 NC x 1.25
3	4	640299	Capscrew, 5/8 NC x 2.75
4	2	676036	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	680681	Center Spacer
10	2	680684	Capscrew, 1/2 NC x .75
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. Visit us online at www.cascorp.com

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