



Parts Manual

Model 120D Rotator

Serial Number 120D-RRB-30HR0

cascade[®]
corporation

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

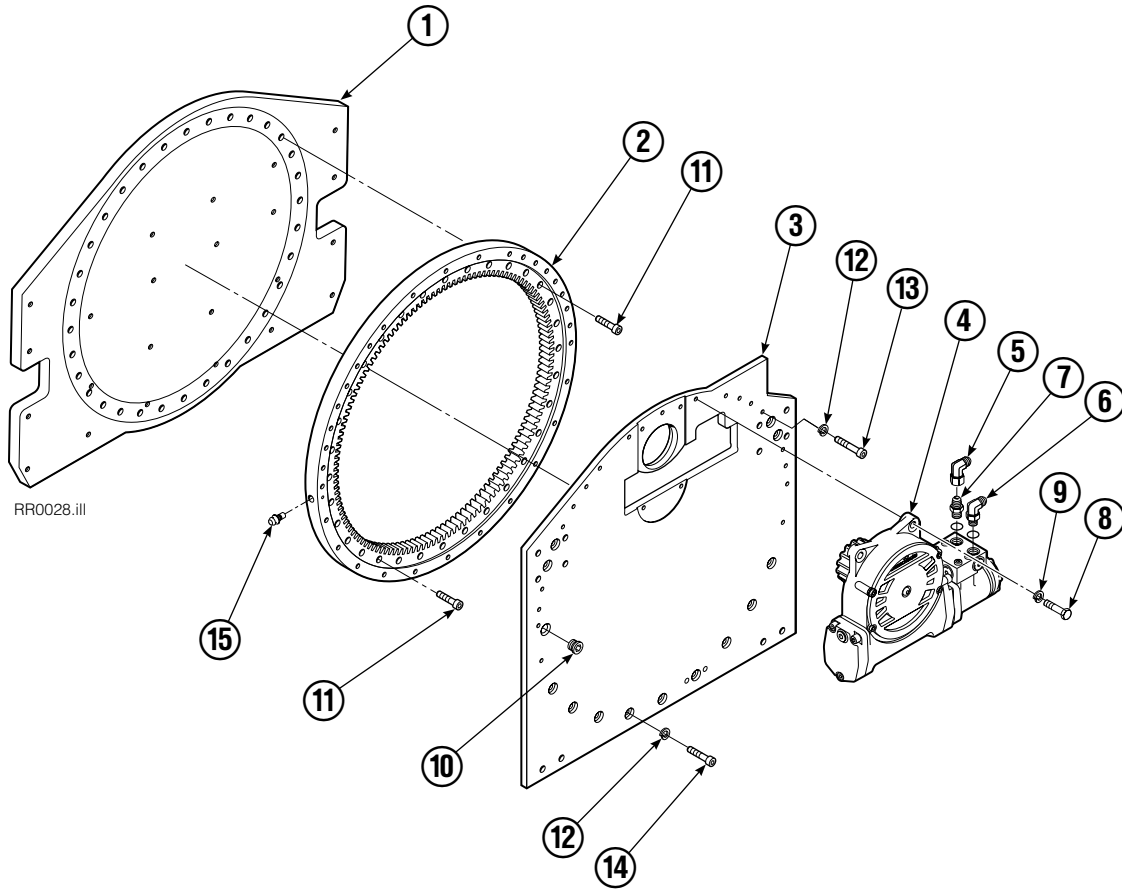
To Order Parts call: 888-227-2233, Fax: 888-329-0234

OR

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

Internet: www.cascorp.com

Rotator Group

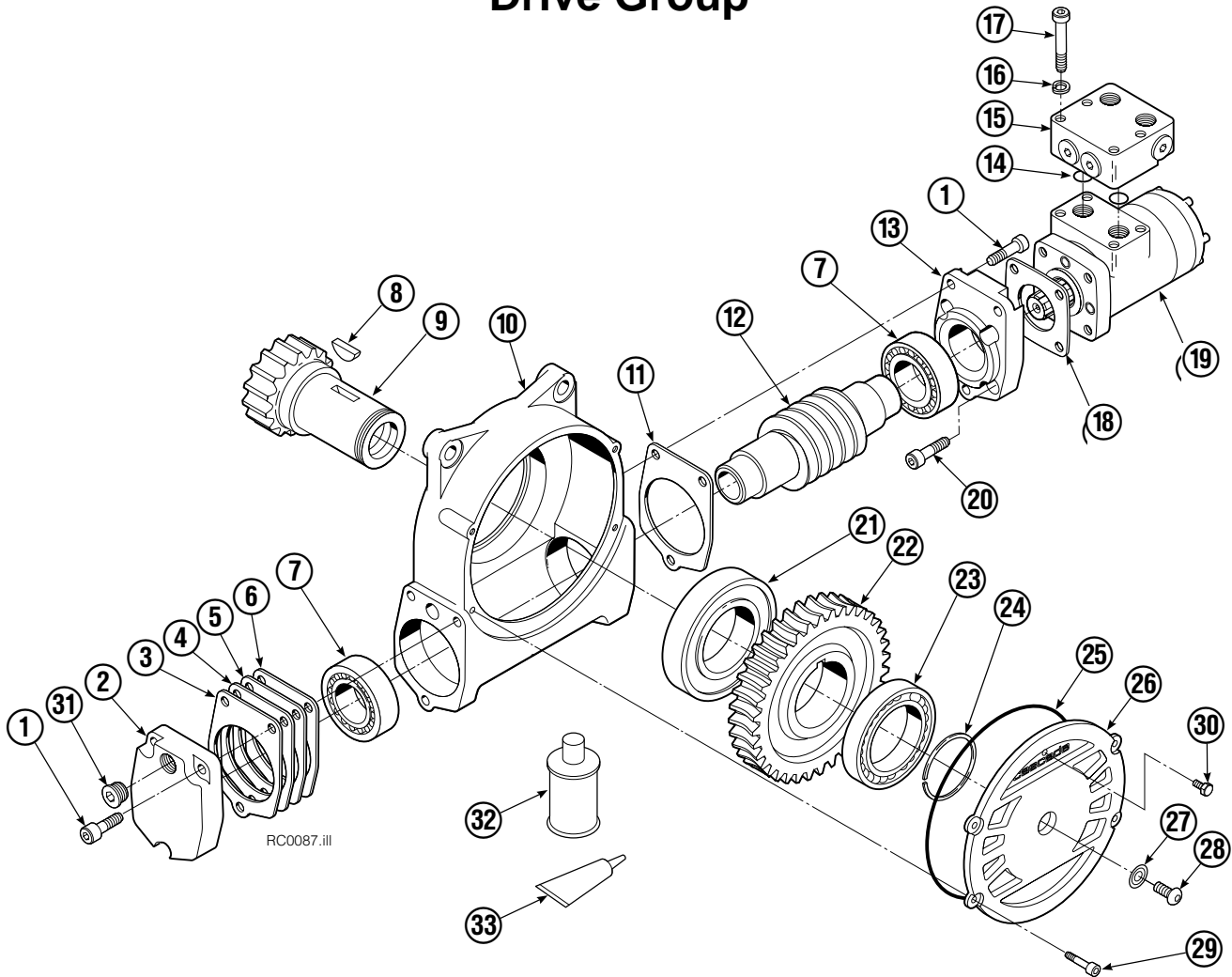


REF	QTY	PART NO.	DESCRIPTION
		215078	Frame Group
1	1	213144	Faceplate
2	1	214481	Bearing Assembly
3	1	214555	Baseplate
4	1	795492	Drive Group ▲
5	1	605761	Fitting, 8-8
6	1	601250	Fitting, 8-8
7	1	601377	Fitting, 8-8
8	4	763021	Capscrew, M12 x 30
9	4	6290	Lockwasher, 1/2
10	1	664071	Plug
11	32	768828	Capscrew, M12 x 45
12	32	681473	Washer, M12
13	19	213633	Capscrew, M12 x 55
14	13	206174	Capscrew, M12 x 45
15	1	7401	Grease Fitting

▲ See Drive Group page for parts breakdown.

Reference: Common Parts Group 215086.

Drive Group



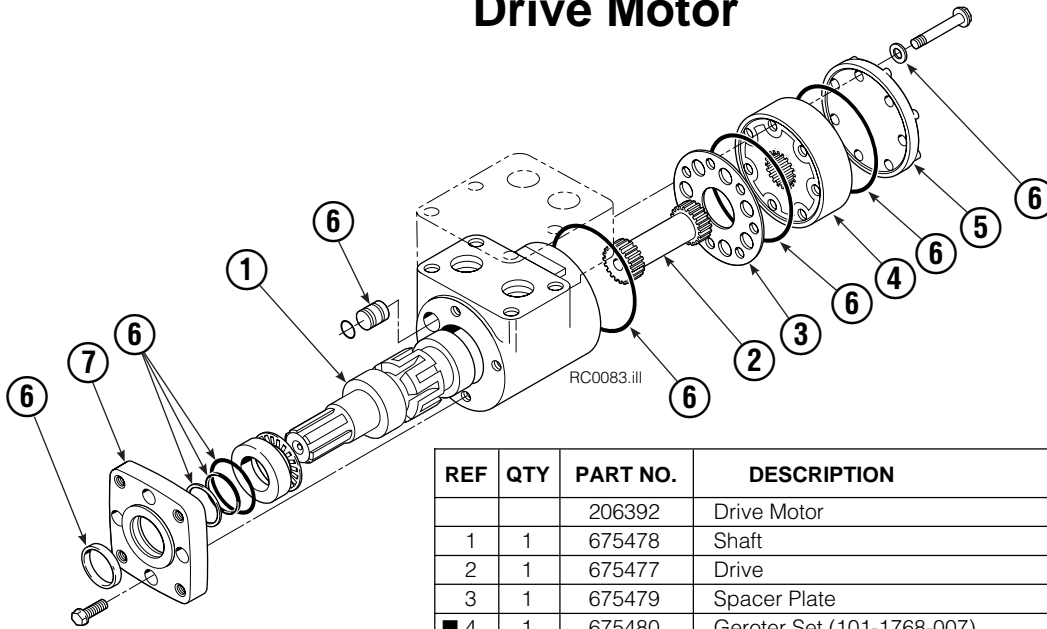
REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
		795492	Drive Group with 2.8 c.i. Motor	19	1	206392	Drive Motor – 2.8 c.i. ■
1	6	769570	Capscrew, M12 x 25	20	4	4468	Capscrew, 3/8 NC x .75 GR8
2	1	676855	Cover	21	1	670580	Bearing
3	●	674513	Shim – .005" (blue)	22	1	675609	Worm Gear
4	●	670574	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	670556	Pinion	28	1	783608	Capscrew, M10 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 Drive Motor page for parts breakdown.

▲ See Check Valve page for parts breakdown.

Drive Motor

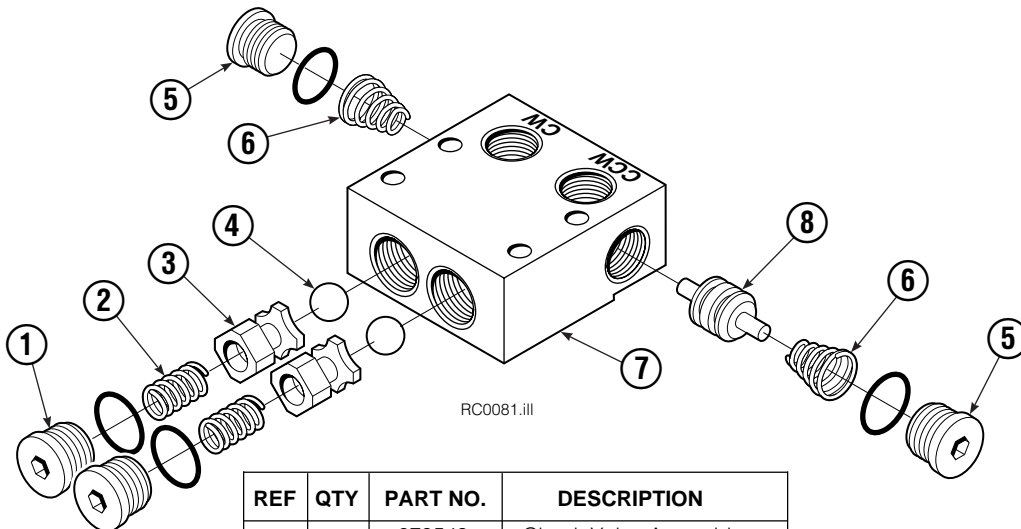


REF	QTY	PART NO.	DESCRIPTION
		206392	Drive Motor
1	1	675478	Shaft
2	1	675477	Drive
3	1	675479	Spacer Plate
■ 4	1	675480	Gerotor Set (101-1768-007)
■ 4	1	685075	Gerotor Set (101-1768-009)
5	1	675482	End Cap
● 6	1	206405	Service Kit
■ 7	1	685089	Flange (101-1768-007)
■ 7	1	685090	Flange (101-1768-009)

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.

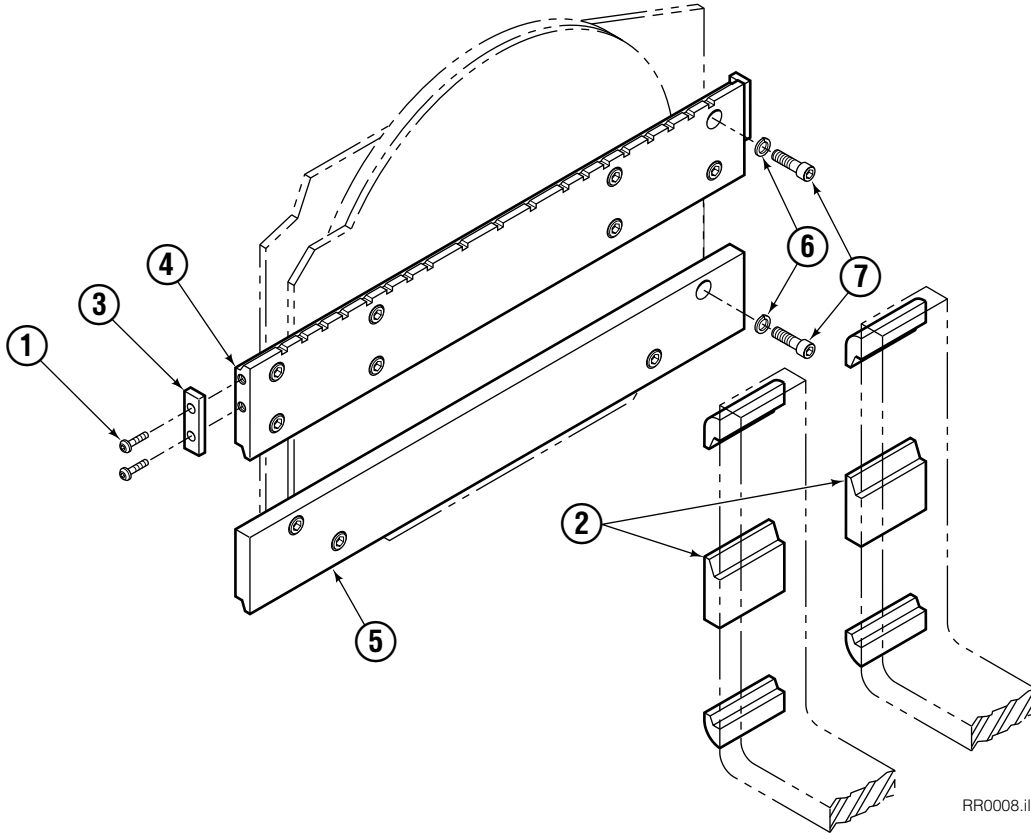
- See Nameplate under valve for correct part number of Gerotor Set and Flange.
- Compatible with water glycol based hydraulic fluids.

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

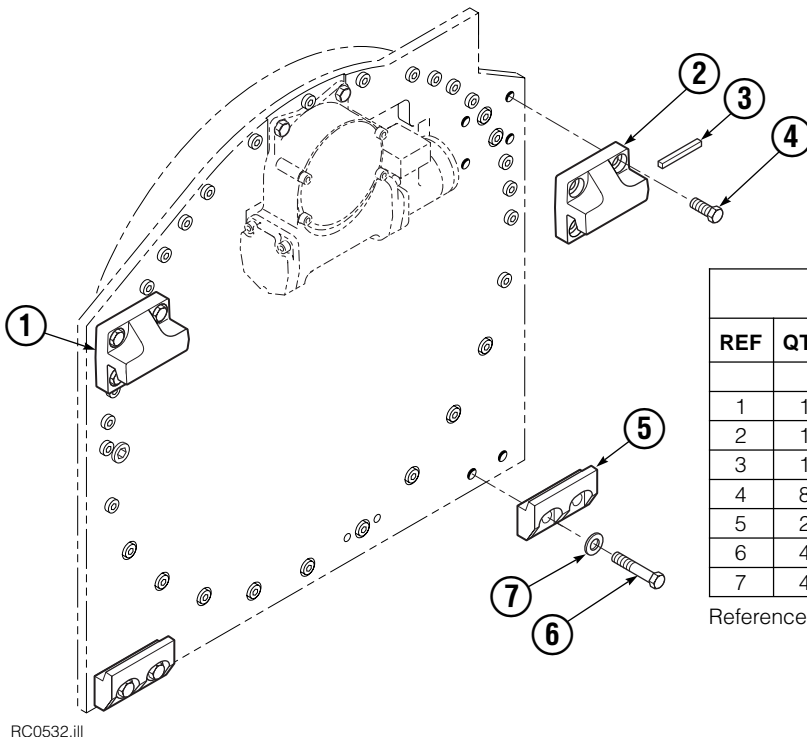
Fork Bar Group



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120D					
REF	QTY	49 in. PART NO.	61 in. PART NO.	73 in. PART NO.	DESCRIPTION
		681077	681078	681079	Fork Bar Group
1	4	4880	4880	4880	Capscrew, 1/2 NC x 1.0 GR8
2	2	633671	633671	633671	Hook
3	2	622148	622148	622148	Keeper
4	1	681242	681243	681244	Upper Bar
5	1	681245	681246	681247	Lower Bar
6	4	6290	6290	6290	Lockwasher, 3/4 ID
7	24	681248	681248	681248	Capscrew

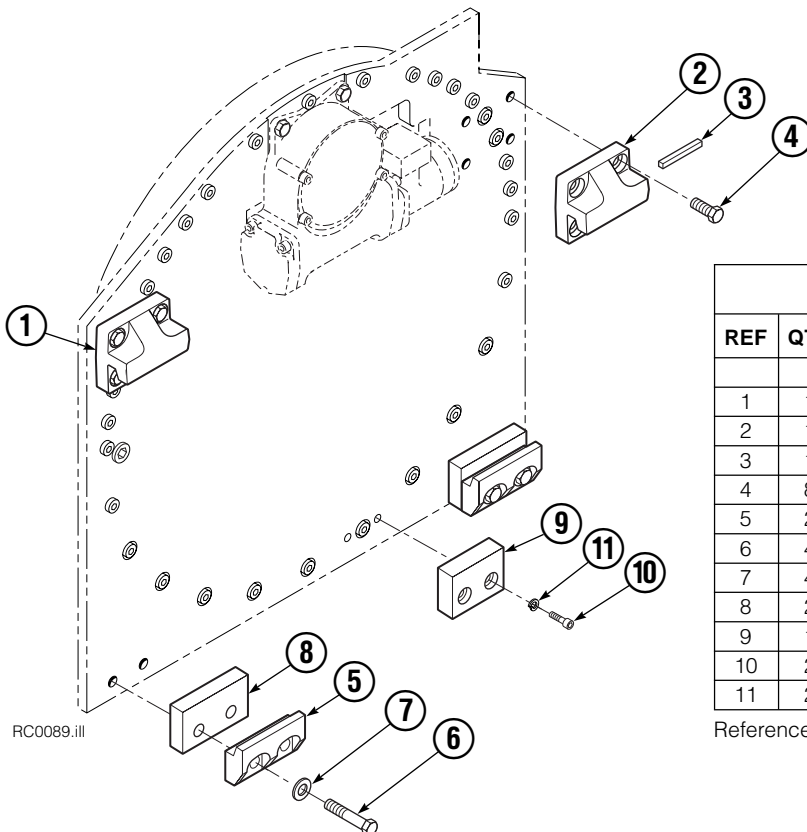
Bolt-On Mounting Group



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120D, Class IV, 4°			
REF	QTY	PART NO.	DESCRIPTION
		684878	Mounting Group
1	1	684876	Upper Hook – LH
2	1	681062	Upper Hook – RH
3	1	670704	Stop Kit
4	8	678082	Capscrew, M20 x 35
5	2	679832	Lower Hook
6	4	779020	Capscrew, M20 x 45
7	4	670692	Washer, 3/4 in. ID

Reference: SK-6198.



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120D, Class IV, 0°			
REF	QTY	PART NO.	DESCRIPTION
		684879	Mounting Group
1	1	684877	Upper Hook – LH
2	1	675061	Upper Hook – RH
3	1	670704	Stop Kit
4	8	679082	Capscrew, M20 x 35
5	2	679832	Lower Hook
6	4	682917	Capscrew, M20 x 80
7	4	670692	Washer, 3/4 in. ID
8	2	681019	Spacer
9	1	675081	Center Spacer
10	2	768810	Capscrew, M10 x 30
11	2	680030	Lockwasher, M10

Reference: SK-6198.

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

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