



Parts Manual

Model 80D Rotator

Serial Number 80D-RRB-20BR1

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

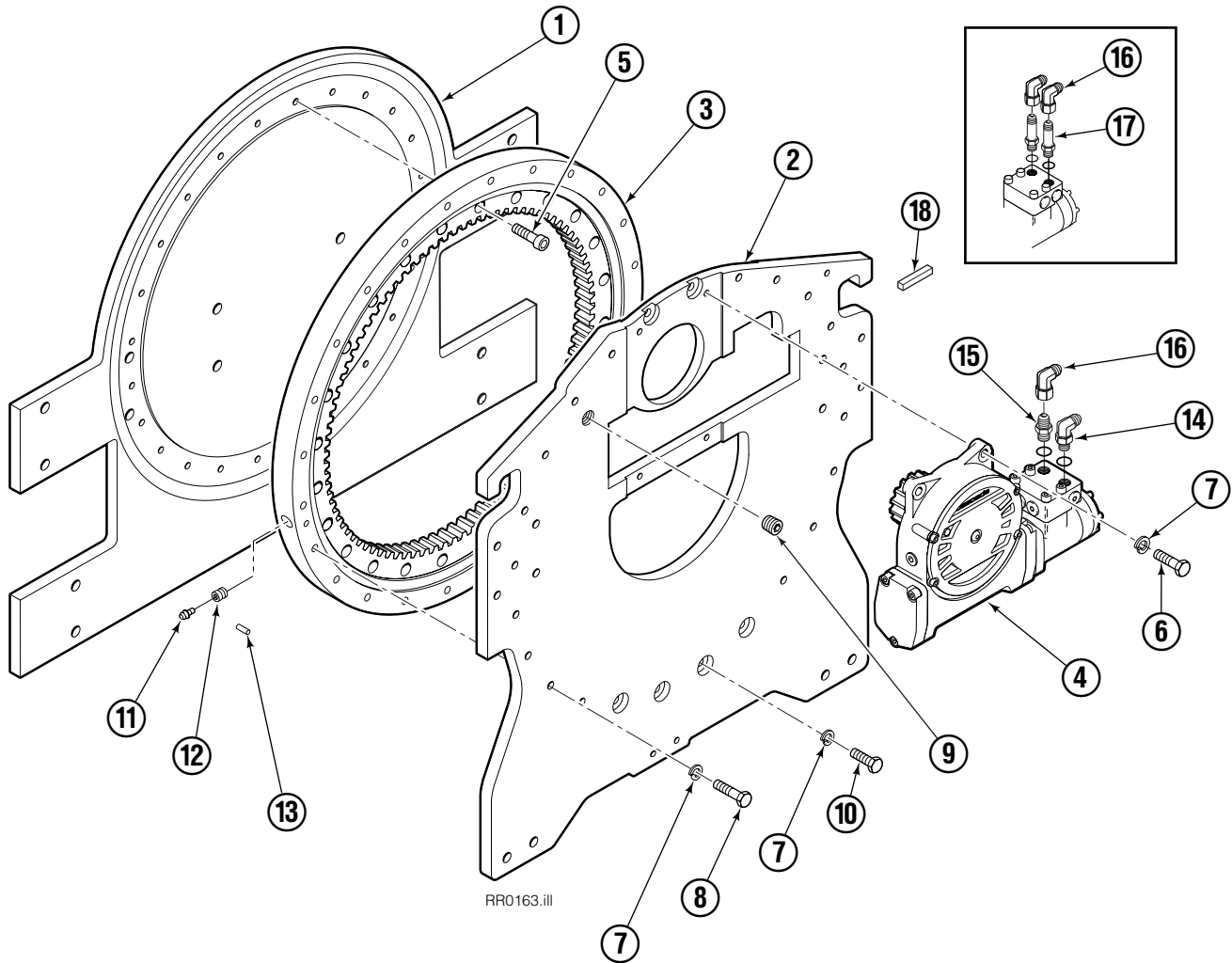
Publications



GA0006.eps

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

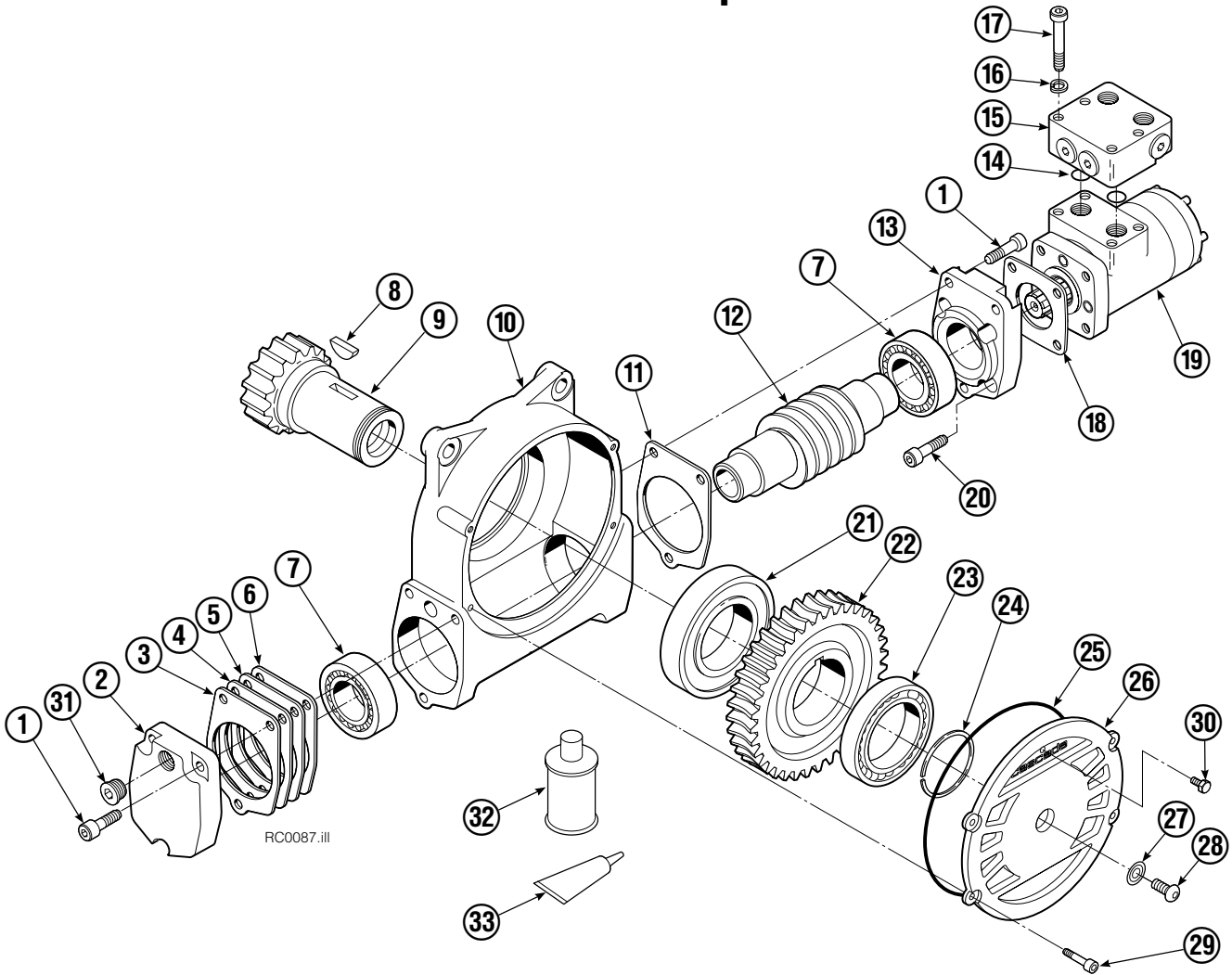
Rotator Group



80D							
REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
		6003188	Rotator Group	11	1	7401	Grease Fitting
1	1	6002414	Faceplate	12	1	204167	Plug
2	1	6001818	Baseplate	13	1	670681	Drive Pin
3	1	213983	Bearing Assembly	14	1	605761	Fitting, 8-8 SAE
4	1	212308	Drive Group - 2.2 c.i. Motor ●	15	1	601250	Fitting, 8-8 SAE
5	24	213902	Capscrew, M12 x 45	16	1	601377	Fitting, 8-8 SAE
6	4	211689	Capscrew, M12 x 30		2	765492	Fitting, 8 SAE - M10 L-Series
7	28	683822	Lockwasher, M12	17	2	765493	Fitting, 8 SAE - M12 L-Series
8	18	213900	Capscrew, M12 x 60		2	756920	Fitting, 8 SAE - M12 S-Series
9	1	6605	Fitting, 3/4 in.	18	1	669344	Stop Block Kit
10	6	209684	Capscrew, M12 x 50				

● See Drive Group page for parts breakdown.
 Reference: Rotator Baseplate Group 6001867.
 Fitting Groups 212367, 212505, 212506, 212507.

Drive Group



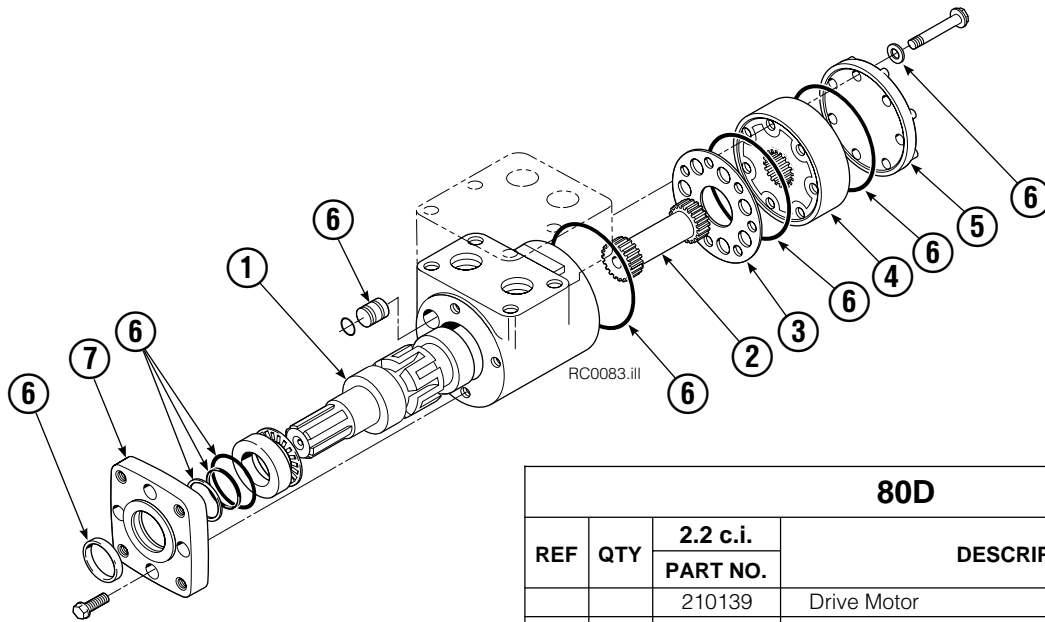
80D							
REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
		212308	Drive Group with 2.2 c.i. Motor	19	1	210139	Drive Motor – 2.2 c.i. ▲
1	6	768826	Capscrew, M12 x 25	20	4	4468	Capscrew, 3/8 NC x .75 GR8
2	1	795258	Cover	21	1	670580	Bearing
3	●	674513	Shim – .005" (blue)	22	1	675609	Worm Gear
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	204970	Gasket
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	775639	Capscrew, M8 x 20
11	1	686465	Gasket	30	1	644010	Relief Fitting
12	1	675608	Worm	31	1	602580	Fitting, 8
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 3-6,11,25,33)
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 3-7,11,25)
18	1	670575	Gasket			212919	Motor Kit-2.2 (items 11,14,18,19,20,33)

● Quantity as required.

▲ See Drive Motor page for parts breakdown.

▼ See Check Valve page for parts breakdown.

Drive Motor

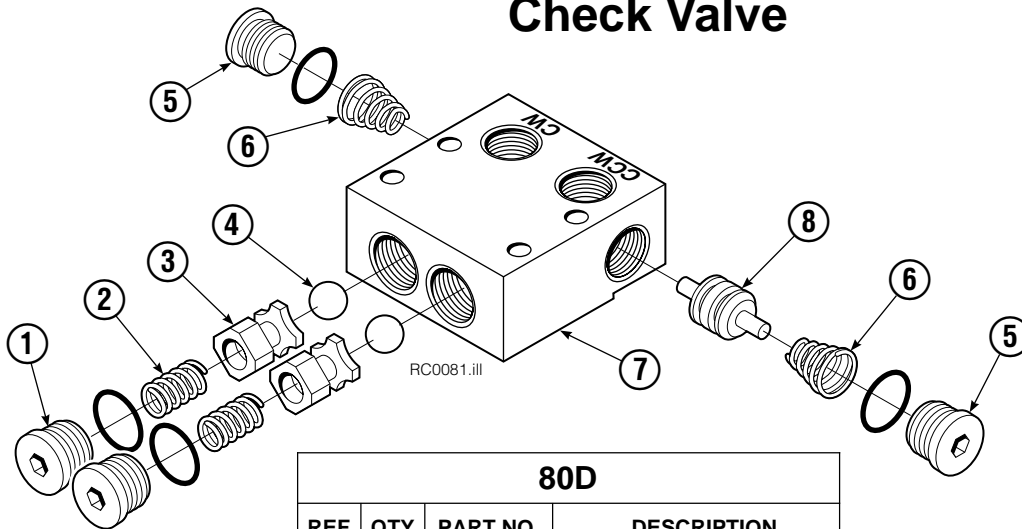


80D			
REF	QTY	2.2 c.i. PART NO.	DESCRIPTION
		210139	Drive Motor
1	1	675478	Shaft
2	1	675477	Drive Link
3	1	211528	Spacer Plate
4	1	210137	Geroler/Gerotor Set
5	1	211527	End Cap
6	1	206405	Service Kit ●
7	1	685090	Flange

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.

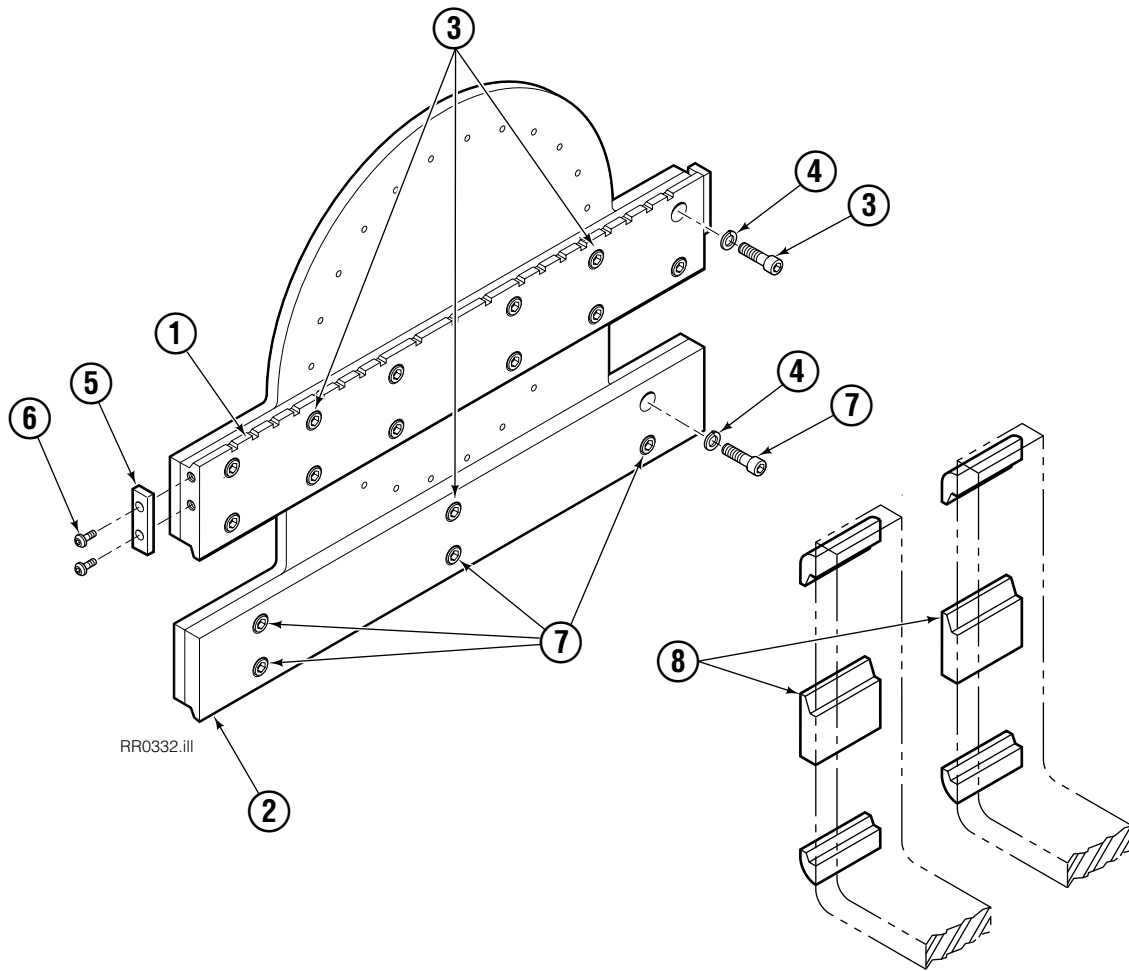
● Compatible with water glycol based hydraulic fluids.

Check Valve



80D			
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

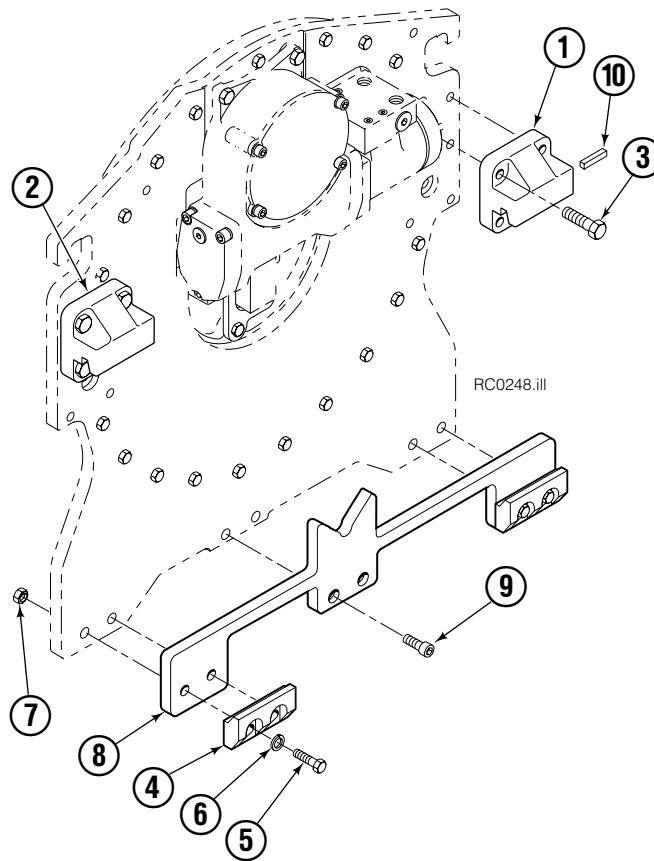
Fork Bar Group



80D			
REF	QTY	PART NO.	DESCRIPTION
		6003186	Fork Bar Group
1	1	677211	Upper Bar
2	1	677212	Lower Bar
3	13	769579	Capscrew, M20 X 40
4	18	779506	Lockwasher, M20
5	2	606988	Keeper
6	4	4880	Capscrew, 1/2 NC X 1.0 GR8
7	5	775559	Capscrew, M20 X 30
8	2	689281	Hook ■

■ Not included in Fork Bar group.

Mounting Group



Class III, 0°			
REF	QTY	PART NO.	DESCRIPTION
		209927	Mounting Group
1	1	209932	Upper Hook – RH
2	1	209933	Upper Hook – LH
3	8	779010	Capscrew, M16 x 35
4	2	675969	Lower Hook
5	4	210005	Capscrew, M16 x 90
6	4	667225	Washer, .625
7	4	781534	Nut, M16
8	1	209937	Spacer
9	2	788377	Capscrew, M12 x 45
10	1	669344	Stop Kit

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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