



Parts Manual

Model 100D Rotator

Serial Number 100D-RRB-14CR0

cascade[®]
corporation

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

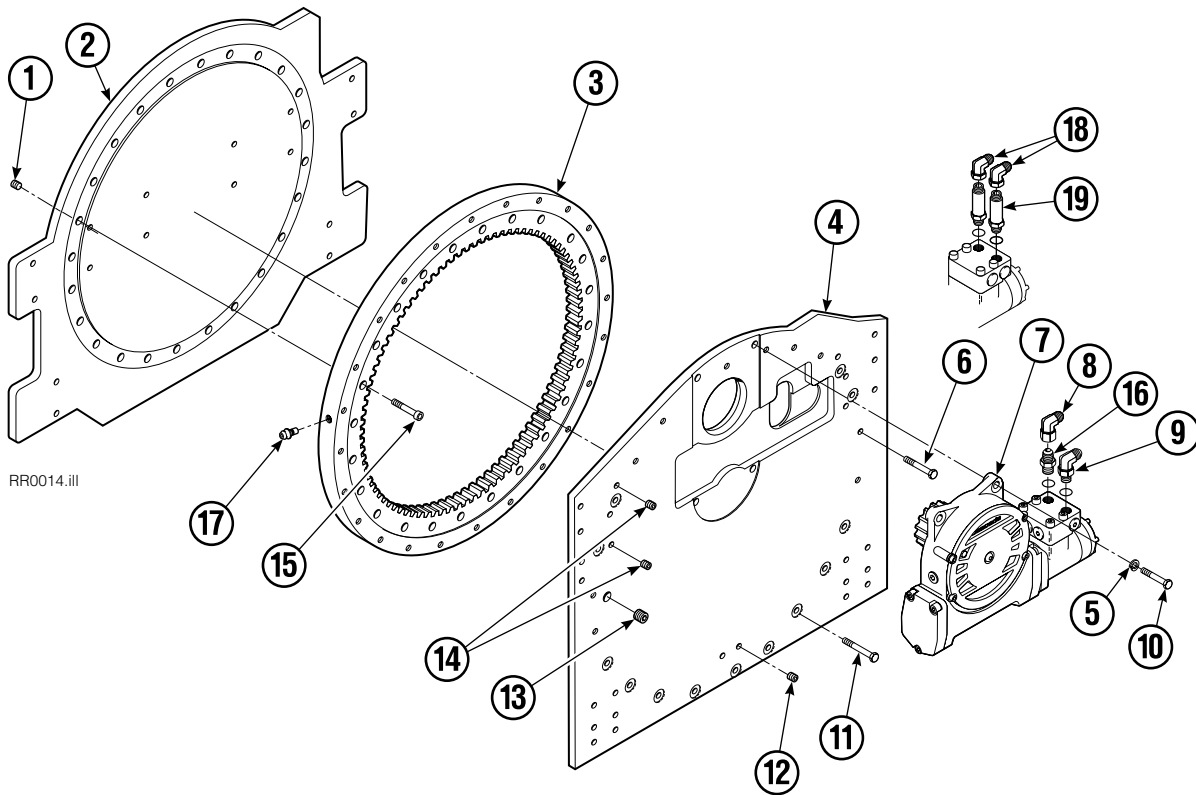
To Order Parts call: 888-227-2233, Fax: 888-329-0234

OR

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

Internet: www.cascorp.com

Base Unit Group

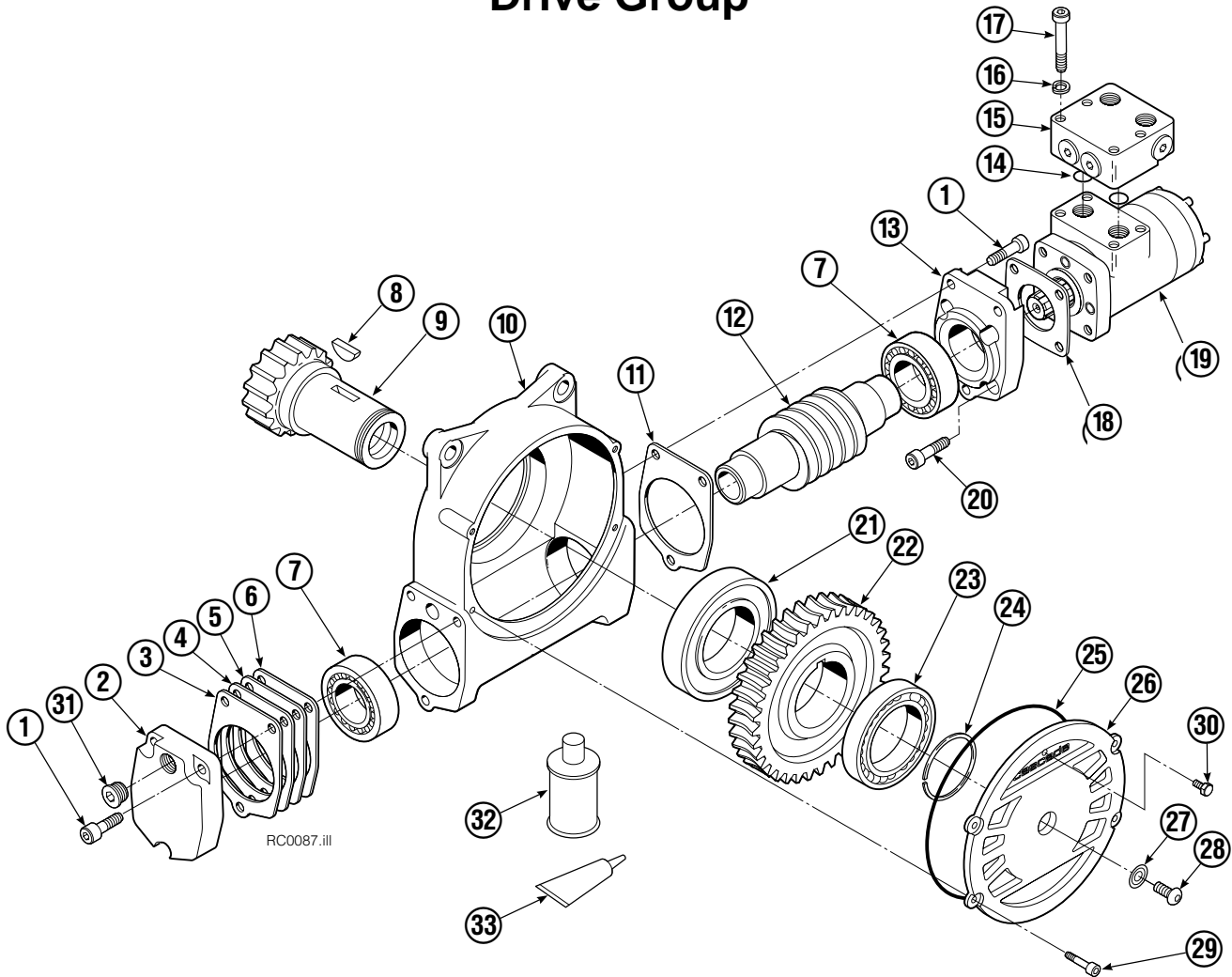


100D			
REF	QTY	PART NO	DESCRIPTION
		682647	Base Unit Group
1	10	631428	Plug
2	1	670669	Faceplate
3	1	672830	Bearing Assembly
4	1	682649	Baseplate
5	4	6290	Lockwasher
6	11	643538	Capscrew, 1/2 NC x 1.50 GR8
7	1	795492	Drive Group ●
8	1	605761	Fitting – Class III only, 8-8
9	1	601250	Fitting – Class III only, 8-8
10	4	661742	Capscrew, 1/2 NC x 1.25 GR5
11	13	643539	Capscrew, 1/2 NC x 1.75 GR8
12	2	631427	Plug
13	1	6605	Plug
14	6	631385	Plug
15	24	4506	Capscrew, 1/2 NC x 1.50 GR8
16	1	601377	Fitting – Class III only, 8-8
17	1	7401	Grease Fitting
18	2	605761	Fitting – Class IV only, 8-8
19	2	611295	Fitting – Class IV only, 8-8
		672482	Bearing Service Kit

● See Drive Group page for parts breakdown.

Reference: Common Parts Group 675849, SK-5376.

Drive Group



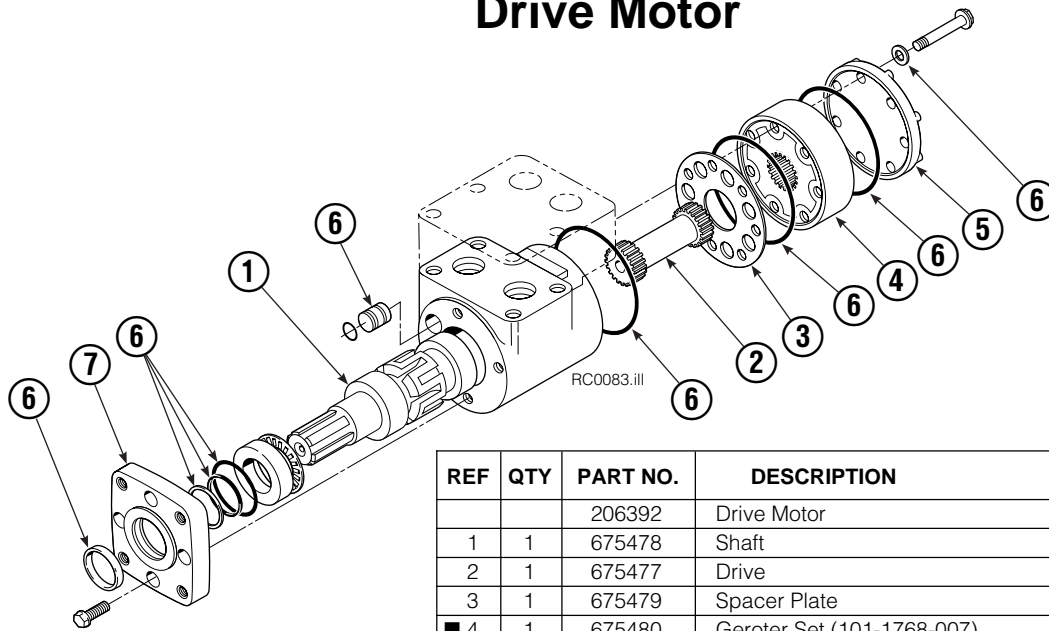
REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
		795492	Drive Group with 2.8 c.i. Motor	19	1	206392	Drive Motor – 2.8 c.i. ■
1	6	769570	Capscrew, M12 x 25	20	4	4468	Capscrew, 3/8 NC x .75 GR8
2	1	676855	Cover	21	1	670580	Bearing
3	●	674513	Shim – .005" (blue)	22	1	675609	Worm Gear
4	●	670574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

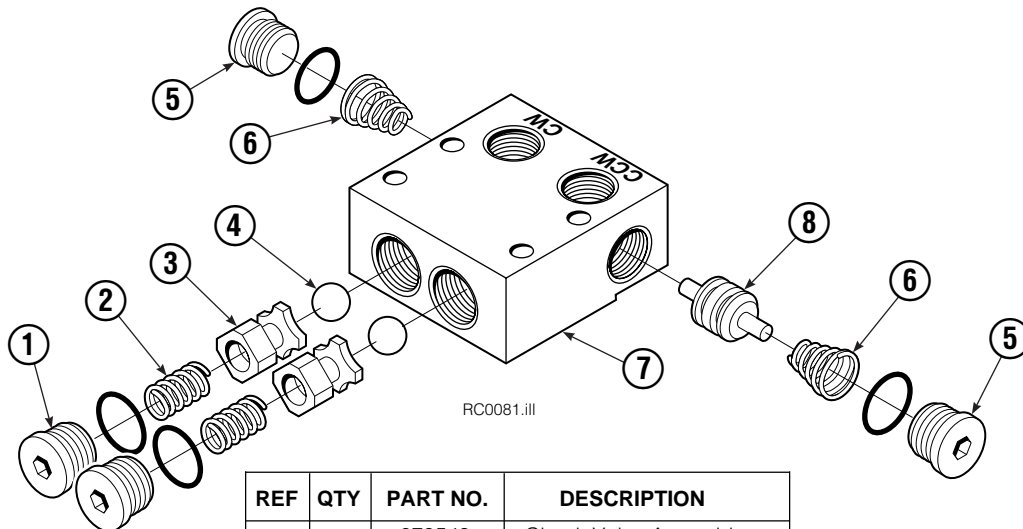


REF	QTY	PART NO.	DESCRIPTION
		206392	Drive Motor
1	1	675478	Shaft
2	1	675477	Drive
3	1	675479	Spacer Plate
■ 4	1	675480	Gerotor Set (101-1768-007)
■ 4	1	685075	Gerotor Set (101-1768-009)
5	1	675482	End Cap
● 6	1	206405	Service Kit
■ 7	1	685089	Flange (101-1768-007)
■ 7	1	685090	Flange (101-1768-009)

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.

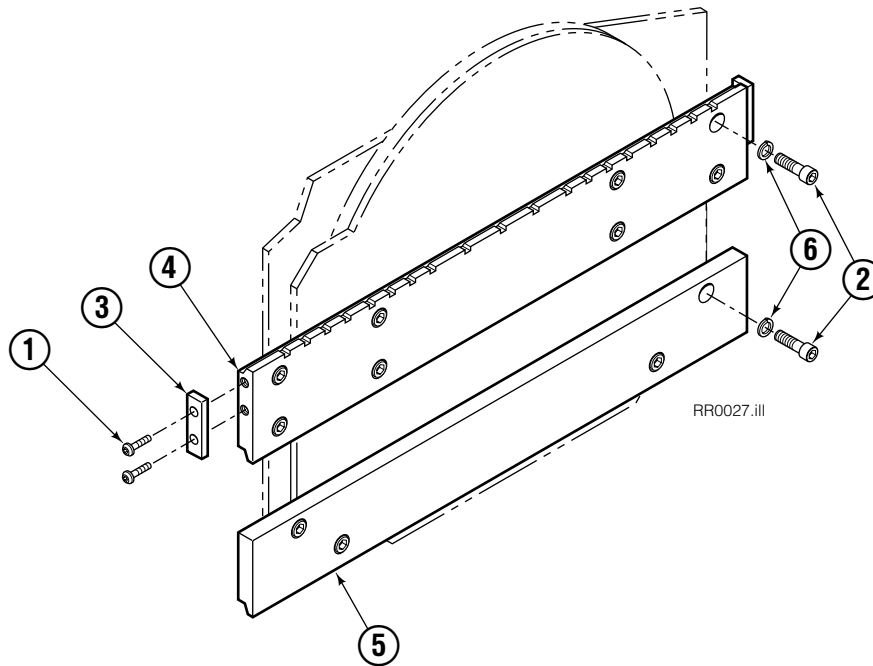
- See Nameplate under valve for correct part number of Gerotor Set and Flange.
- Compatible with water glycol based hydraulic fluids.

Check Valve



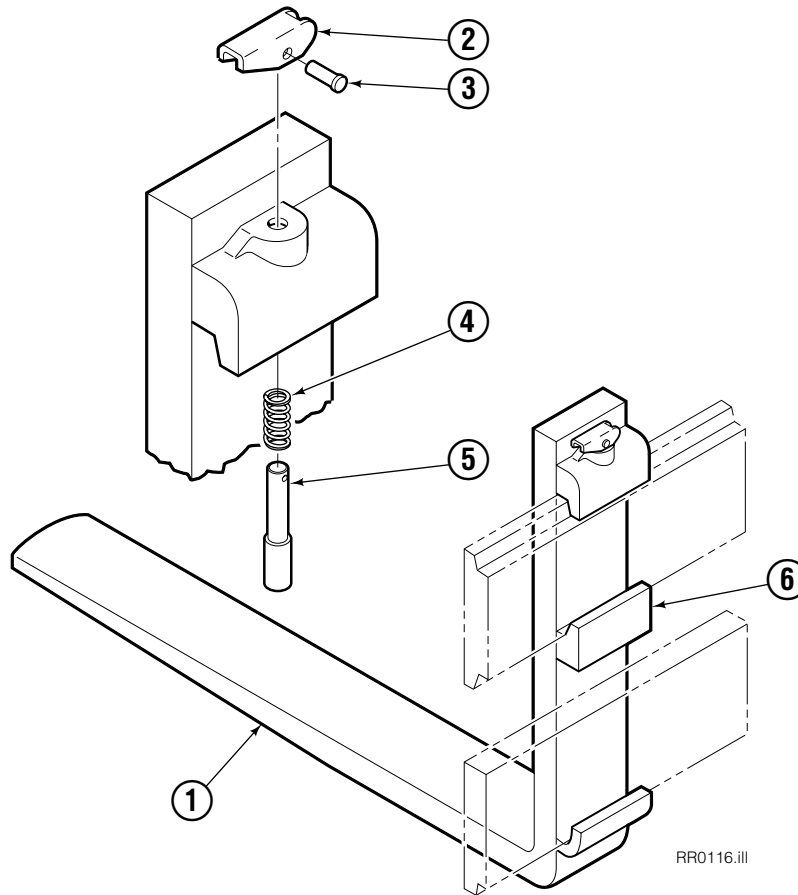
REF	QTY	PART NO.	DESCRIPTION
		670549	Check Valve Assembly
1	2	609453	Fitting, 10
2	2	670552	Spring
3	2	670551	Guide
4	2	7020	Ball
5	2	602580	Fitting, 8
6	2	673989	Spring
7	1	670550	Body
8	1	670553	Spool

Fork Bar Group



100D			
REF	QTY	PART NO.	DESCRIPTION
		206778	Fork Bar Group
1	4	4880	Capscrew, 1/2 NC x 1.0 GR8
2	18	607103	Capscrew, 3/4 NC x 1.50 GR8
3	2	606988	Keeper
4	1	625525	Upper Bar
5	1	625526	Lower Bar
6	18	6448	Lockwasher, 3/4 ID

Adjustable Forks

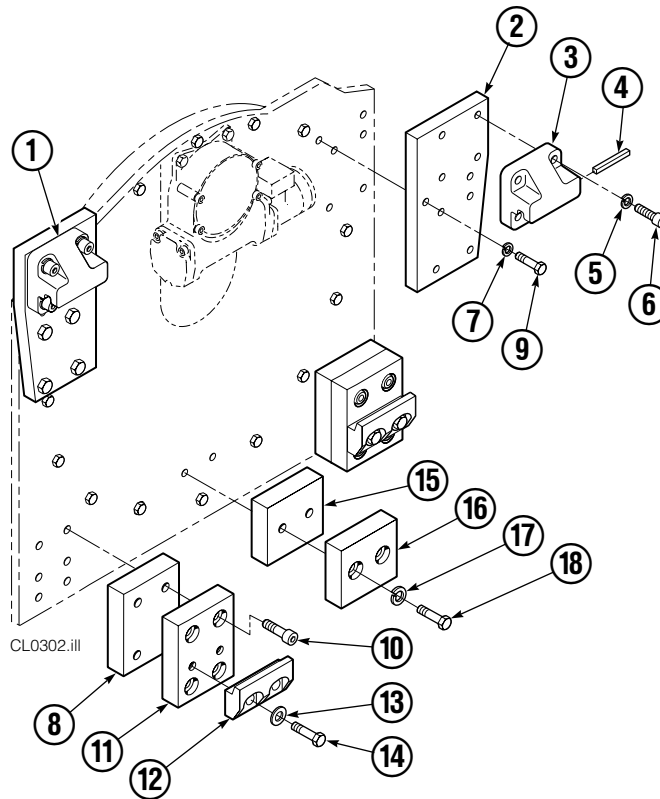


100D						
REF	QTY	42" PART NO.	48" PART NO.	54" PART NO.	60" PART NO.	DESCRIPTION
		672281	672282	672283	672284	Fork Assembly
1	1	645614	645615	645616	645617	● Fork
2	1	622897	622897	622897	622897	Handle
3	1	8007	8007	8007	8007	Rivet
4	1	622898	622898	622898	622898	Spring
5	1	622899	622899	622899	622899	Pin
6	1	689280	689280	689280	689280	■ Middle Hook

● Includes item 6 welded in place.

■ Required when using customer supplied forks.

Bolt-On Mounting Group



Class IV, 0°			
REF	QTY	PART NO	DESCRIPTION
		682142	Mounting Group
1	1	670690	Upper Hook - L.H.
2	2	670697	Adapter Plate
3	1	670691	Upper Hook - R.H.
4	1	670704	Stop Kit
5	8	6448	Lockwasher, 3/4 ID
6	8	607104	Capscrew, 3/4 NC x 1.75 GR8
7	12	6292	Lockwasher, 5/8 ID
8	2	670700	Spacer
9	12	638601	Capscrew, 5/8 NC x 2.0 GR5
10	8	670698	Capscrew
11	2	682195	Adapter Plate
12	2	679832	Lower Hook
13	4	670692	Washer
14	4	670693	Capscrew
15	1	670699	Spacer
16	1	670695	Bumper
17	2	6290	Lockwasher, 1/2 ID
18	2	3664	Capscrew, 1/2 NC x 3.75

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

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