



Parts Manual

Model _____ Rotator _____

Serial Number _____ 220D-RRB-00N _____

cascade[®]
corporation

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

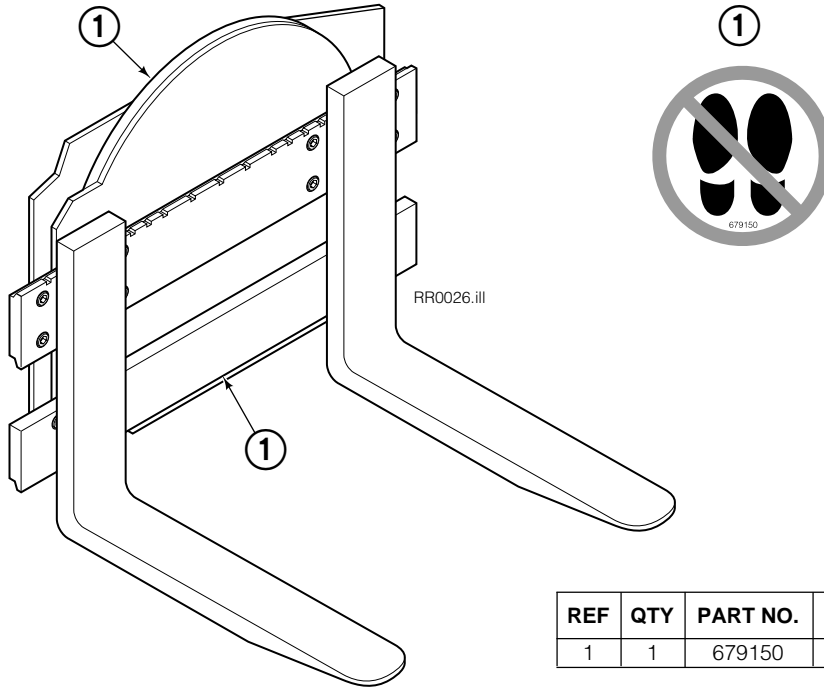
To Order Parts call: 888-227-2233, Fax: 888-329-0234

OR

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

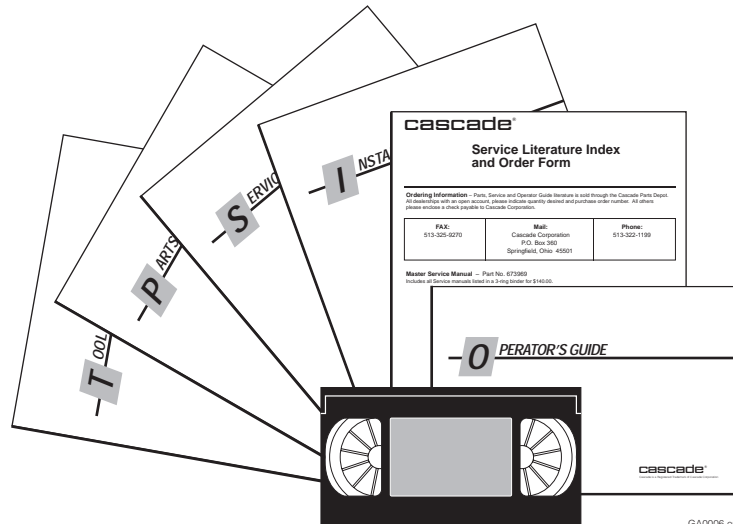
Internet: www.cascorp.com

Safety Decals



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

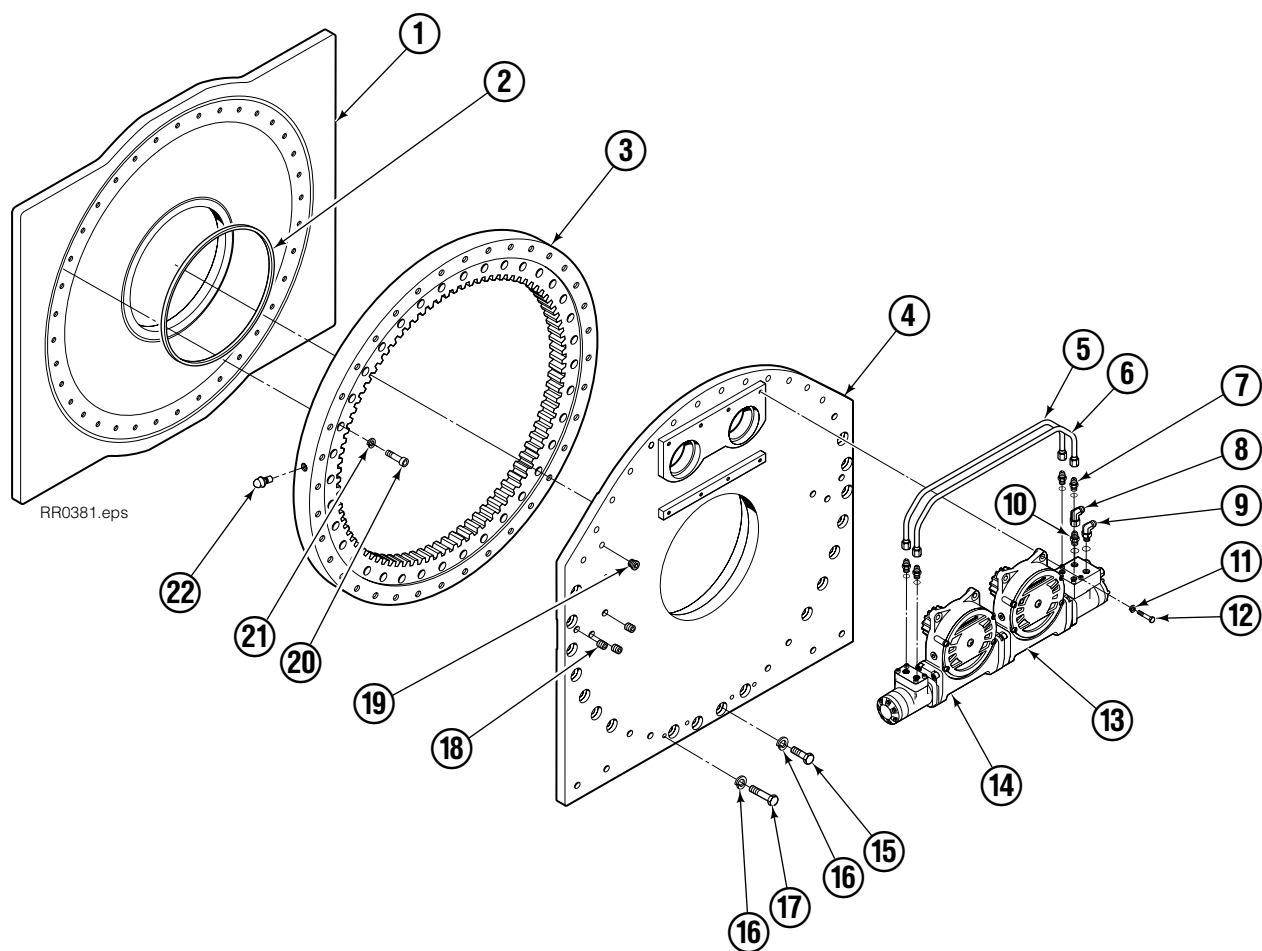
Publications



GA0006.eps

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

Base Unit Group



220D

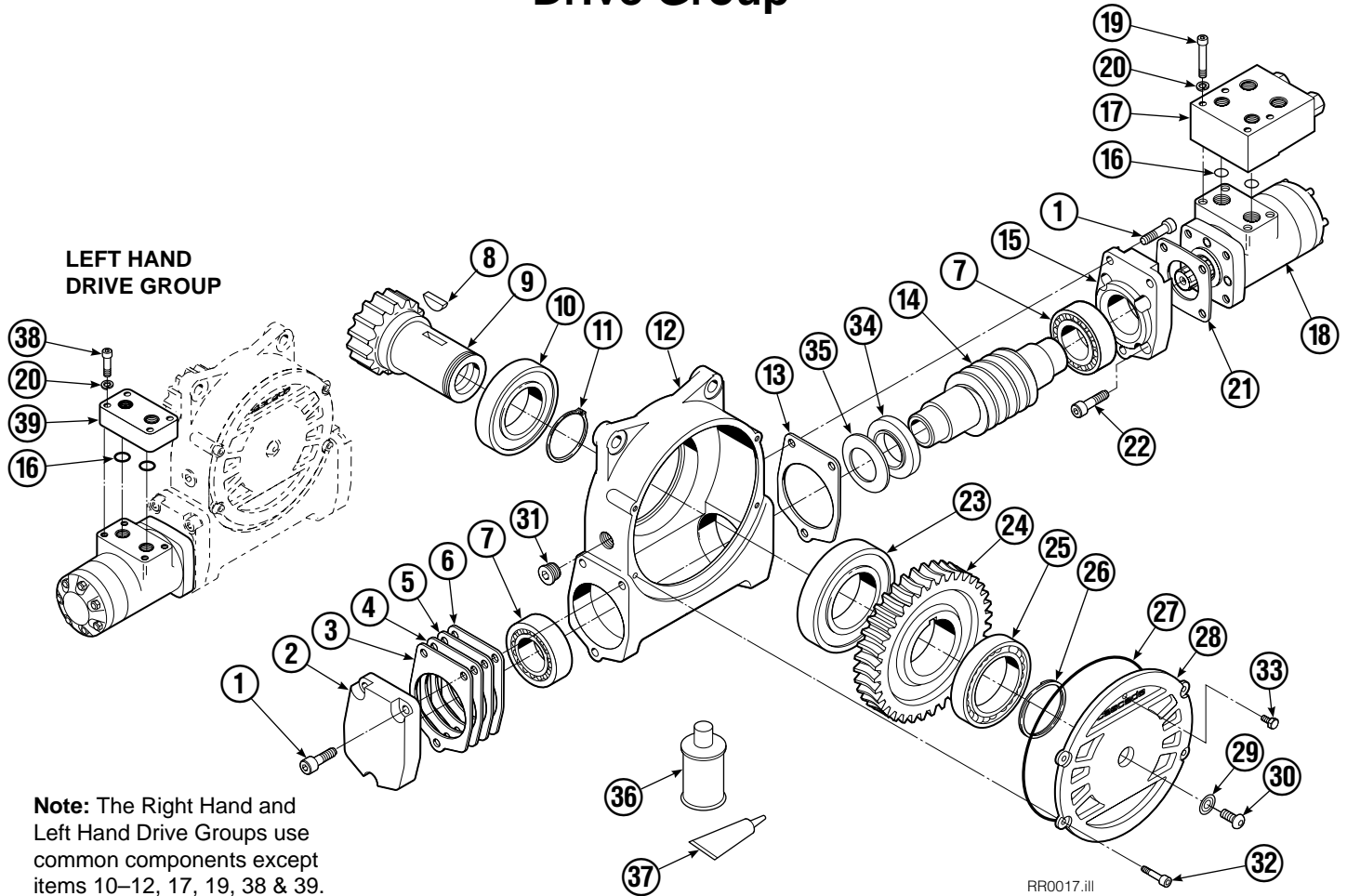
REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
		6038994	Base Unit Group	12	8	763021	Capscrew, M12 x 30
1	1	6038995	Faceplate	13	1	6001131	Drive Group – RH ●
2	1	6039040	Felt Seal	14	1	6001132	Drive Group – LH ●
3	1	681337	Bearing Assembly	15	18	751510	Capscrew, M20 x 65
4	1	6037061	Baseplate	16	36	681346	Lockwasher, M20
5	1	686099	Tube	17	18	768582	Capscrew, M20 x 80
6	1	686099	Tube	18	6	638613	Plug ◆
7	4	662187	Fitting, 8-6	19	1	6605	Plug
8	1	605761	Fitting, 8-8	20	36	769584	Capscrew, M20 x 70
9	1	601250	Fitting, 8-8	21	36	681467	Lockwasher, M20
10	1	601377	Fitting	22	1	7401	Grease Fitting
11	8	681473	Lockwasher, M12				

● See Drive Group page for parts breakdown.

◆ Plugs are used as dust covers for bearing assembly.

Reference: SK-5323.

Drive Group



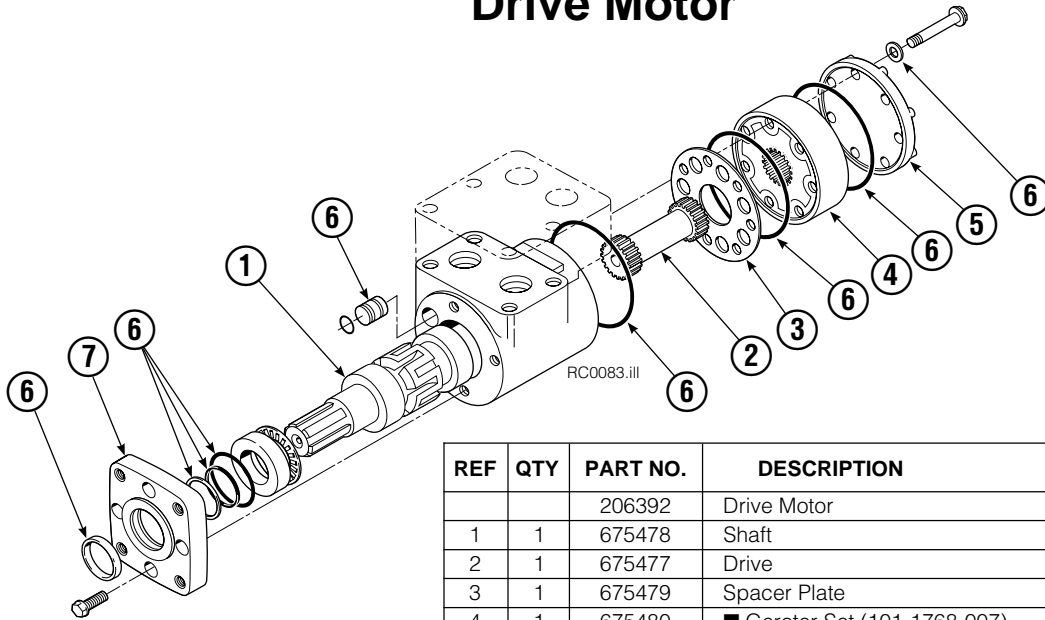
Note: The Right Hand and Left Hand Drive Groups use common components except items 10–12, 17, 19, 38 & 39.

REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
		6001131	Drive Group – R.H.	21	1	670575	Gasket
		6001132	Drive Group – L.H.	22	4	4468	Capscrew, 3/8 NC x .75 GR8
1	6	769570	Capscrew, M12 x 25	23	1	670580	Bearing
2	1	211774	Cover	24	1	676448	Worm Gear
3	●	674513	Shim – .005" (blue)	25	1	670581	Bearing
4	●	670574	Shim – .010" (brown)	26	1	7214	Snap Ring
5	●	671757	Shim – .015" (pink)	27	1	643423	O-Ring
6	●	671758	Shim – .020" (yellow)	28	1	775552	Cover
7	2	670579	Bearing	29	2	783609	Seal
8	1	670582	Key	30	1	783608	Capscrew, M10 x 16
9	1	681516	Pinion	31	1	604510	Plug
10	1	670560	Bearing, R.H.	32	4	200882	Capscrew, M8 x 20
11	1	3160	Snap Ring, R.H.	33	1	644010	Relief Fitting
12	1	775551	Housing, R.H.	34	1	672448	Washer
12	1	222390	Housing, L.H.	35	1	672449	Washer Spring
13	1	686465	Gasket	36	1	656300	Gear Box Lube - 48 oz.
14	1	676447	Worm	37	1	668184	Sealant
15	1	775553	Adapter	38	4	607054	Capscrew, 5/16 NC x .75 GR8
16	2	2705	O-Ring	39	1	670563	Manifold – L.H. only
17	1	670561	Check Valve – R.H. only ♦			670578	Shim Service Kit (items 3-6, 13, 27 & 37)
18	1	206392	Drive Motor ♦			671583	Bearing Service Kit (items 23, 27 & 37)
19	4	607060	Capscrew, 5/16 x 2.00, R.H.			206394	Drive Motor Kit (items 13, 18, 21 & 37)
20	4	6444	Lockwasher				

- Quantity as required.
- ♦ See Drive Motor page for parts breakdown.

Reference: Common Parts 222374, 222375, SK-4690,
Worm Drive Group 6001154, 6001156.

Drive Motor

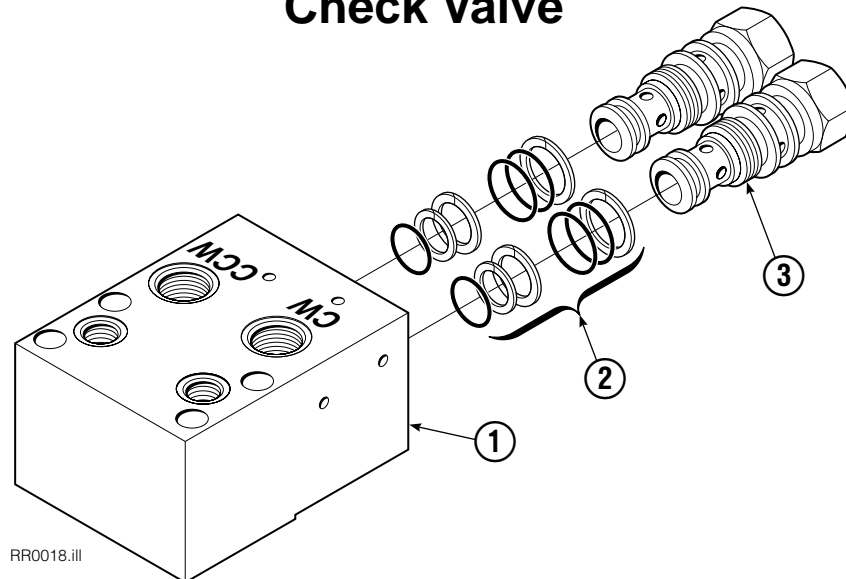


REF	QTY	PART NO.	DESCRIPTION
		206392	Drive Motor
1	1	675478	Shaft
2	1	675477	Drive
3	1	675479	Spacer Plate
4	1	675480	■ Gerotor Set (101-1768-007)
4	1	685075	■ Gerotor Set (101-1768-009)
5	1	675482	End Cap
6	1	206405	● Service Kit
7	1	685089	■ Flange (101-1768-007)
7	1	685090	■ Flange (101-1768-009)

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
		670561	Check Valve Assembly
1	1	670583	Body
2	2	656223	Seal Kit
3	2	665097	Check Valve

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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