



# Parts Manual

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Model 120D Rotator

Serial Number 120D-RRB-24CR0

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**cascade**<sup>®</sup>  
**corporation**

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

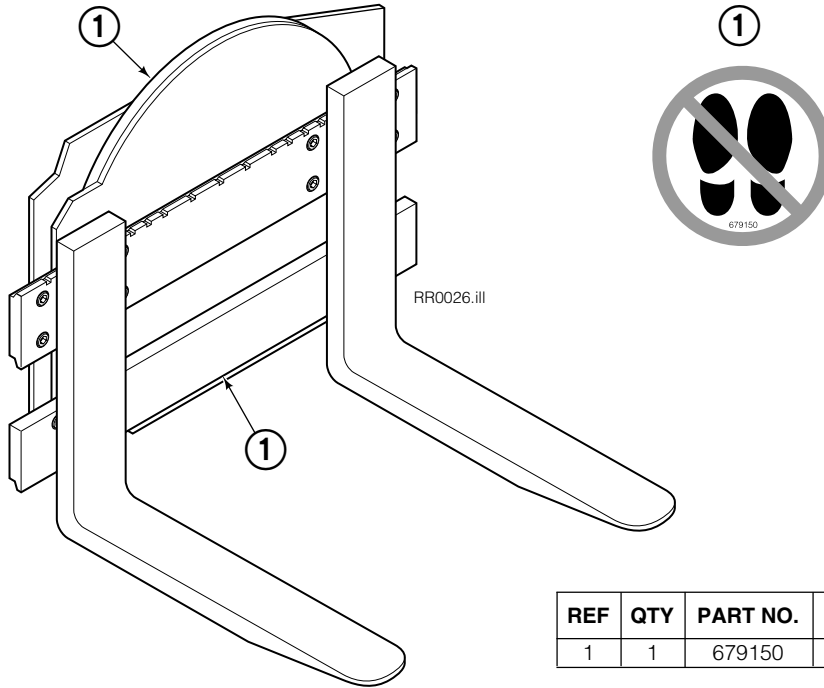
**To Order Parts call:** 888-227-2233, Fax: 888-329-0234

**OR**

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

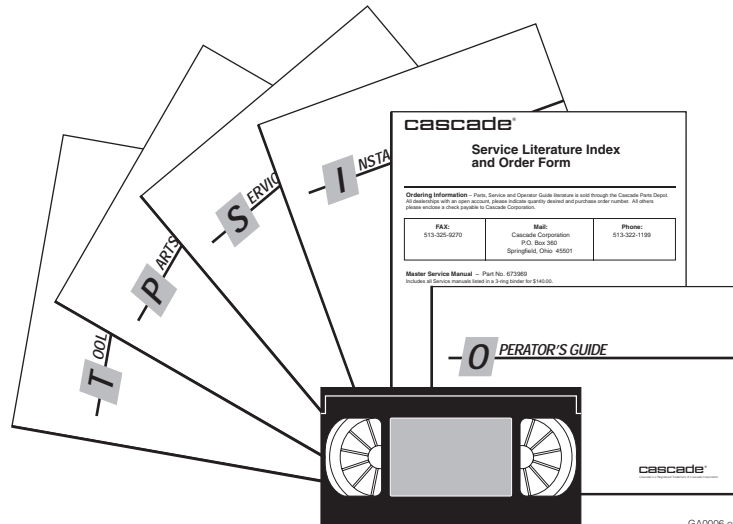
**Internet:** [www.cascorp.com](http://www.cascorp.com)

# Safety Decals



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

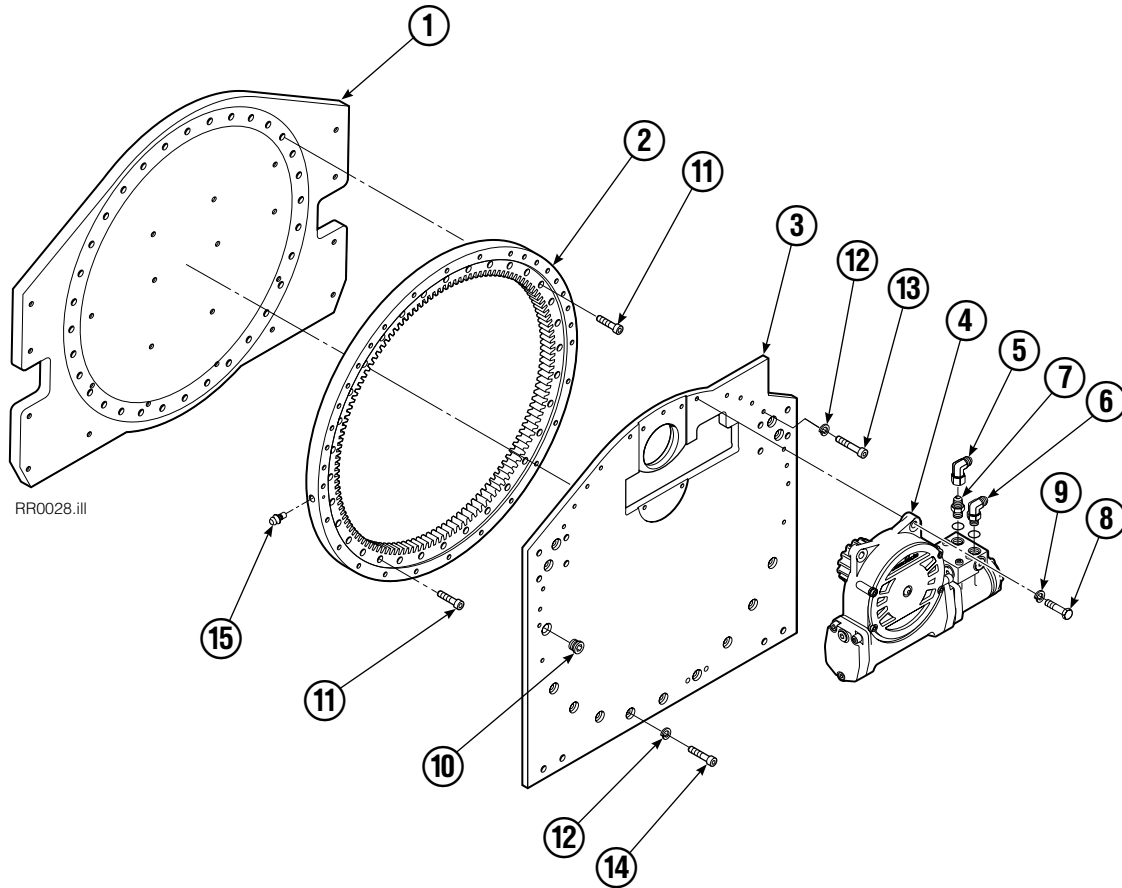
# Publications



GA0006.eps

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

# Rotator Group



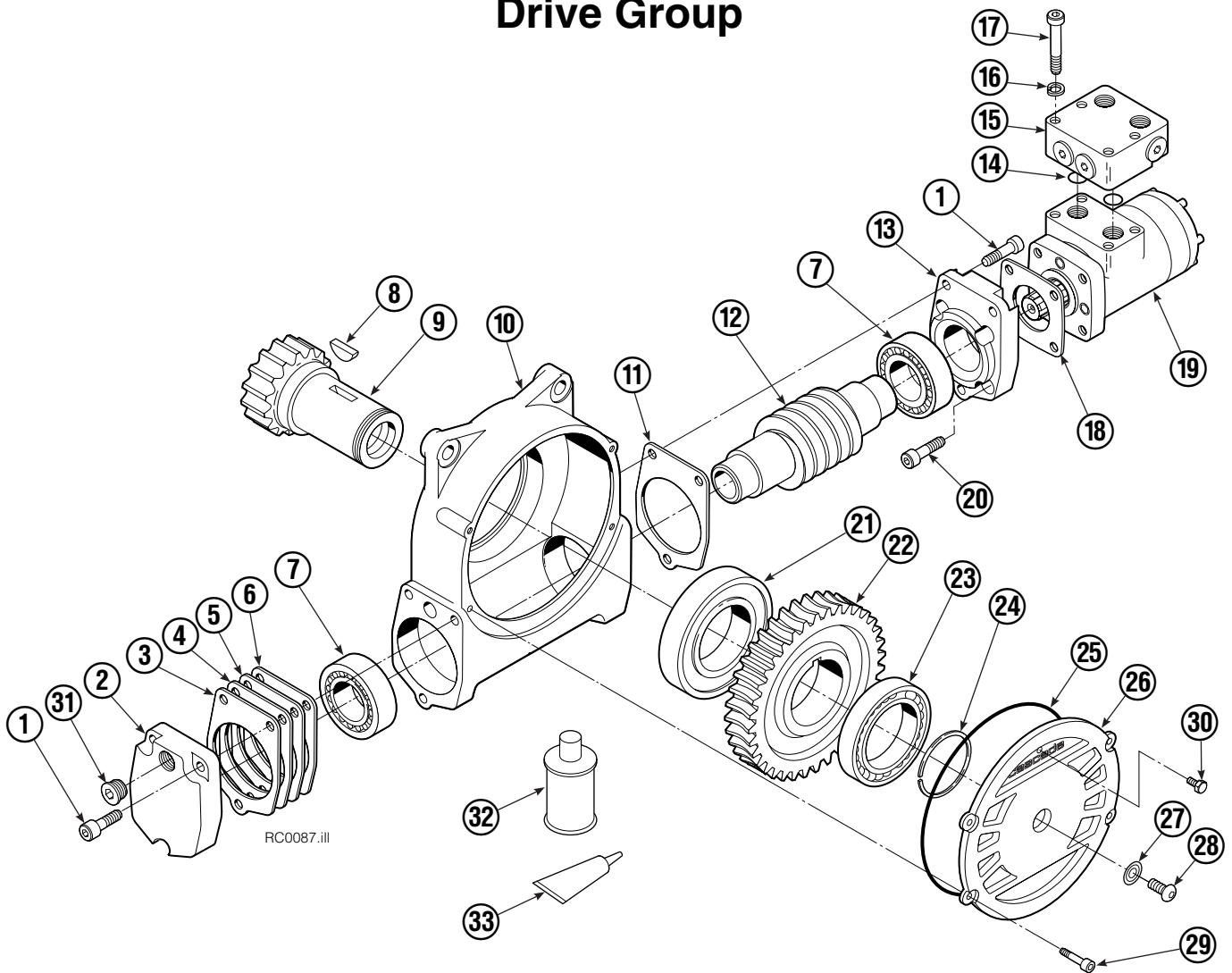
RR0028.ill

REF	QTY	PART NO.	DESCRIPTION
		215078	Frame Group
1	1	213144	Faceplate
2	1	214481	Bearing Assembly
3	1	214555	Baseplate
4	1	675639	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
		675639	Drive Group with Motor	19	1	206392	Drive Motor ▲
	■	675633	Drive Group without Motor	20	4	4468	Capscrew, 3/8 NC x .75 GR8
1	6	769570	Capscrew, M12 x 25	21	1	670580	Bearing
2	1	676855	Cover	22	1	675609	Worm Gear
3	●	674513	Shim - .005" (blue)	23	1	670581	Bearing
4	●	670574	Shim - .010" (brown)	24	1	7214	Snap Ring
5	●	671757	Shim - .015" (pink)	25	1	643423	O-Ring
6	●	671758	Shim - .020" (yellow)	26	1	775552	Cover
7	2	670579	Bearing	27	1	603680	Seal
8	1	670582	Key	28	1	783608	Capscrew, 3/8 NC x .50 GR8
9	1	670556	Pinion	29	4	200882	Capscrew, M12 x 20
10	1	775551	Housing	30	1	644010	Relief Fitting
11	1	686465	Gasket	31	1	604510	Fitting, 6
12	1	675608	Worm	32	1	656300	Gear Box Lube - 48 oz.
13	1	775553	Adapter	33	1	668184	Sealant
14	2	2705	Seal	34		670578	Shim Service Kit (items 3-6,11,25 & 33)
15	1	670549	Check Valve			675637	Bearing Service Kit (items 21 & 34)
16	4	6444	Lockwasher			675638	Bearing Service Kit (items 7 & 34)
17	4	607059	Capscrew, 5/16 NC			206394	Motor Kit (items 11,14,18,19 & 33)
18	1	670575	Gasket				

■ Includes all items except 14,15,17 and 18.

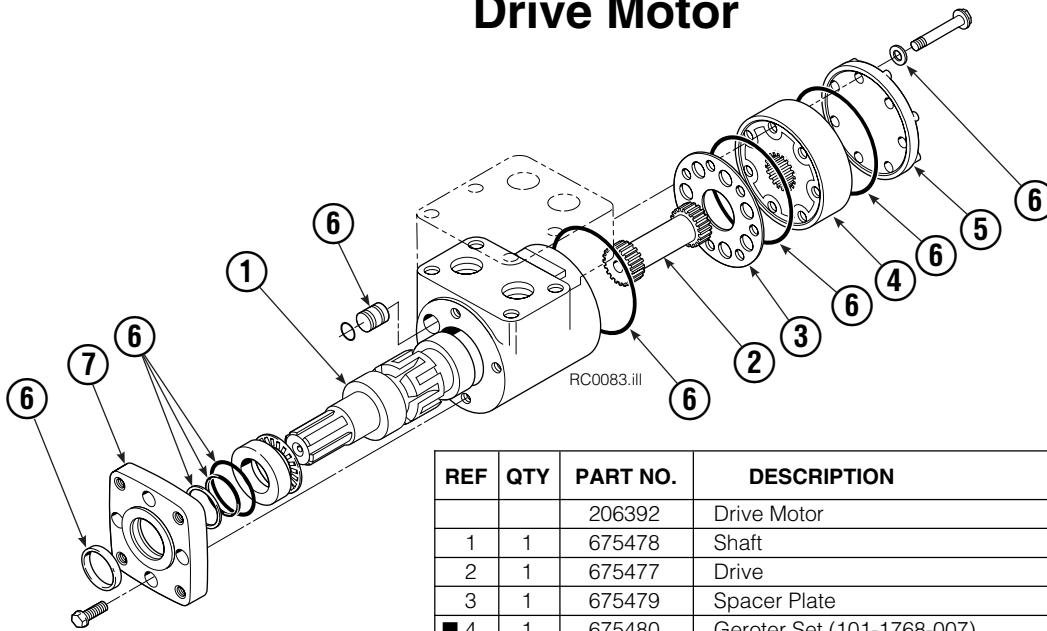
● Quantity as required.

▲ See Drive Motor page for parts breakdown.

Reference: 675639 (Common Parts 675627, SK-5032.)

675633 (Sub Assy 220335, Common Parts 795490, SKN-5527)

# Drive Motor

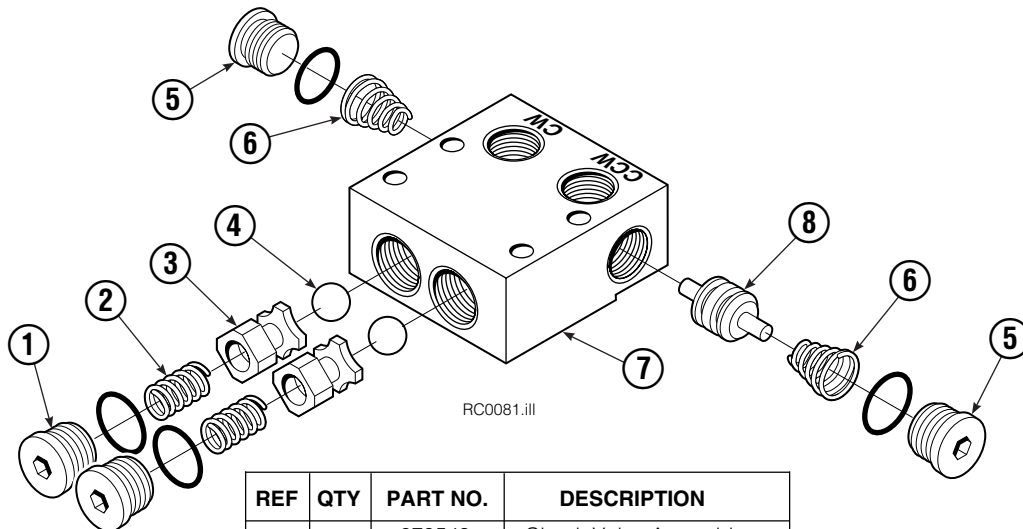


REF	QTY	PART NO.	DESCRIPTION
		206392	Drive Motor
1	1	675478	Shaft
2	1	675477	Drive
3	1	675479	Spacer Plate
■ 4	1	675480	Gerotor Set (101-1768-007)
■ 4	1	685075	Gerotor Set (101-1768-009)
5	1	675482	End Cap
● 6	1	206405	Service Kit
■ 7	1	685089	Flange (101-1768-007)
■ 7	1	685090	Flange (101-1768-009)

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.

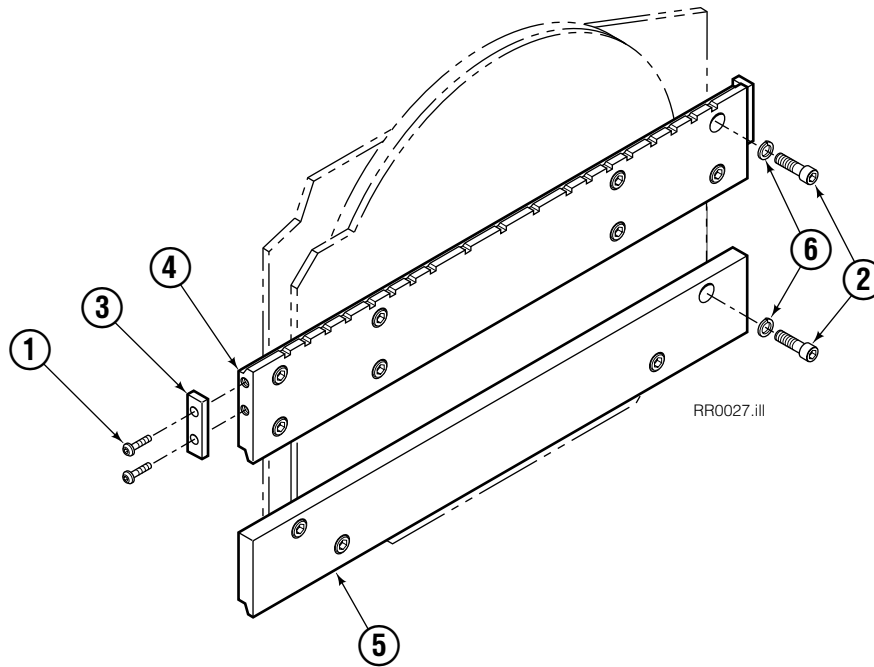
- See Nameplate under valve for correct part number of Gerotor Set and Flange.
- Compatible with water glycol based hydraulic fluids.

# Check Valve



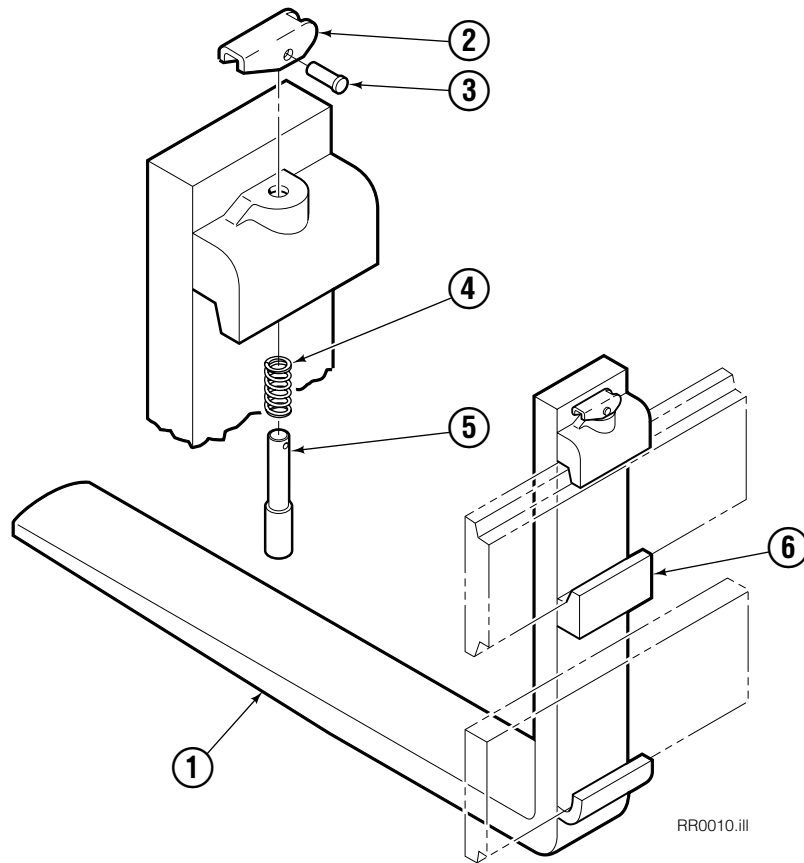
REF	QTY	PART NO.	DESCRIPTION
		670549	Check Valve Assembly
1	2	609453	Fitting, 10
2	2	670552	Spring
3	2	670551	Guide
4	2	7020	Ball
5	2	602580	Fitting, 8
6	2	673989	Spring
7	1	670550	Body
8	1	670553	Spool

# Fork Bar Group



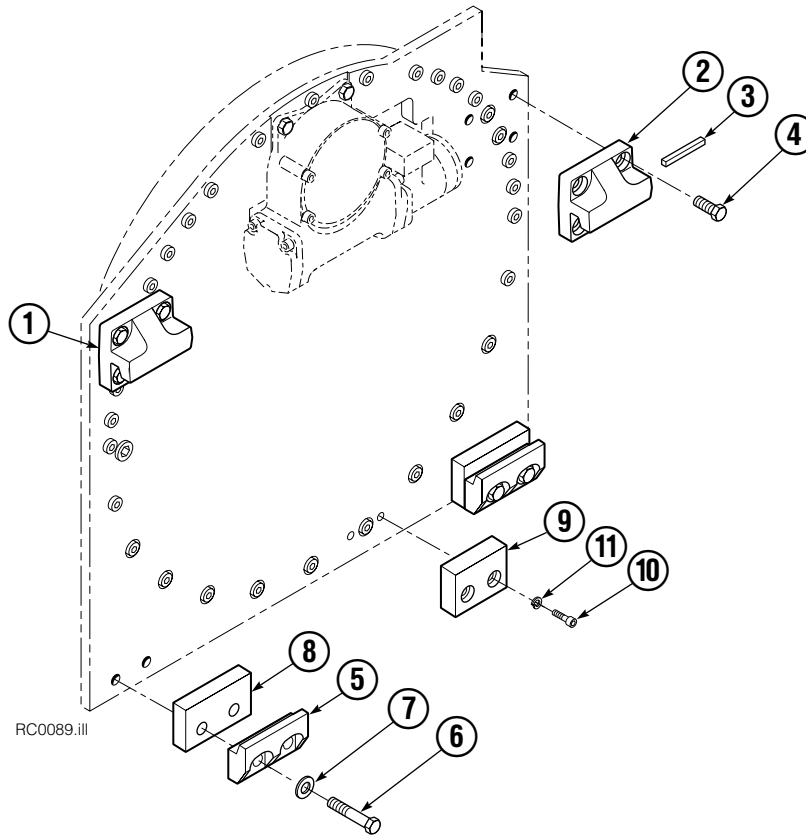
120D					
REF	QTY	49 in. PART NO.	61 in. PART NO.	73 in. PART NO.	DESCRIPTION
		206780	<b>206781</b>	206782	Fork Bar Group
1	4	4880	4880	4880	Capscrew, 1/2 NC x 1.0 GR8
2	24	681248	681248	681248	Capscrew
3	2	622148	622148	622148	Keeper
4	1	681242	681243	681244	Upper Bar
5	1	681245	681246	681247	Lower Bar
6	4	6290	6290	6290	Lockwasher, 3/4 ID

# Adjustable Forks



120D			
REF	QTY	PART NO.	DESCRIPTION
		633708	Fork Assembly
1	1	646988	Fork
2	1	622897	Handle
3	1	8007	Rivet
4	1	633668	Spring
5	1	633670	Pin
6	1	633671	Hook
7	1	633669	Washer

# Bolt-On Mounting Group



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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