



Parts Manual

Model 150D Rotator

Serial Number 150D-RRB-37HR0

cascade[®]
corporation

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

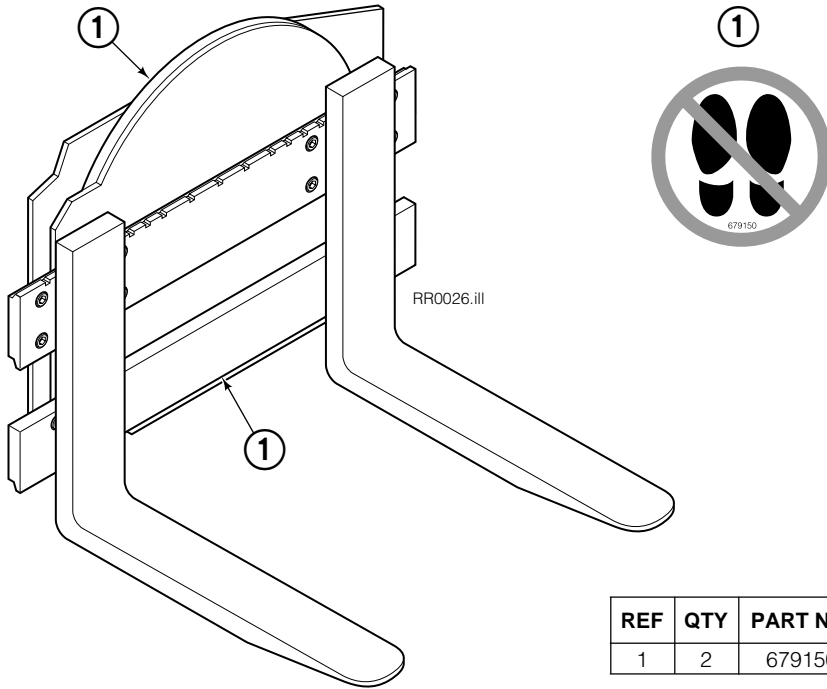
To Order Parts call: 888-227-2233, Fax: 888-329-0234

OR

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

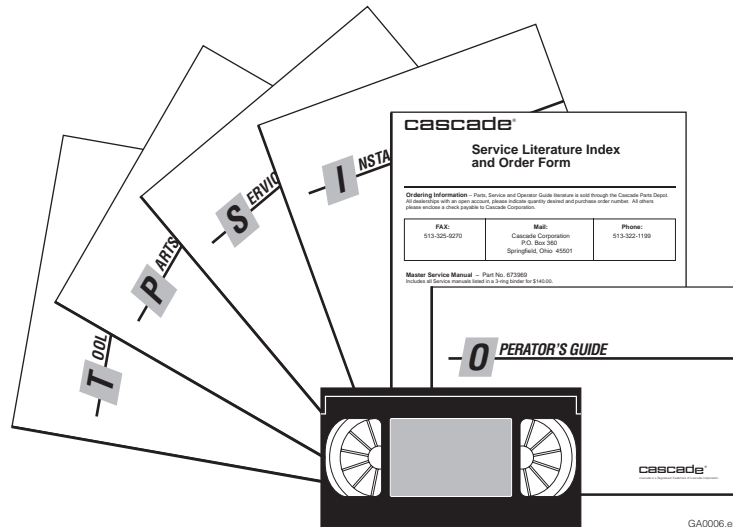
Internet: www.cascorp.com

Safety Decals



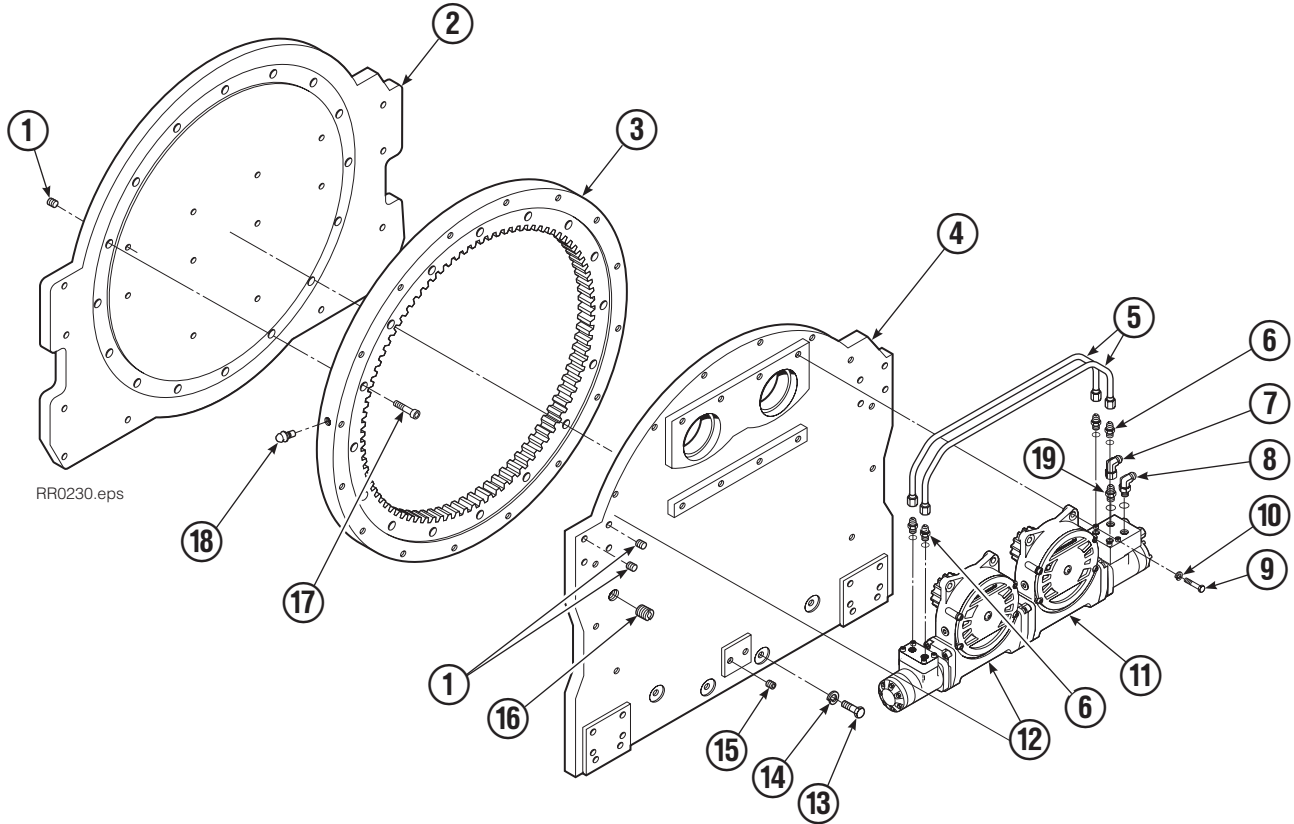
REF	QTY	PART NO.	DESCRIPTION
1	2	679150	No Step Decal

Publications



PART NO.	DESCRIPTION
	Parts Manual
672946	Service Manual
672714	Operators Guide
672327	Installation Instructions
679929	Tool Catalog
673964	Literature Index Order Form

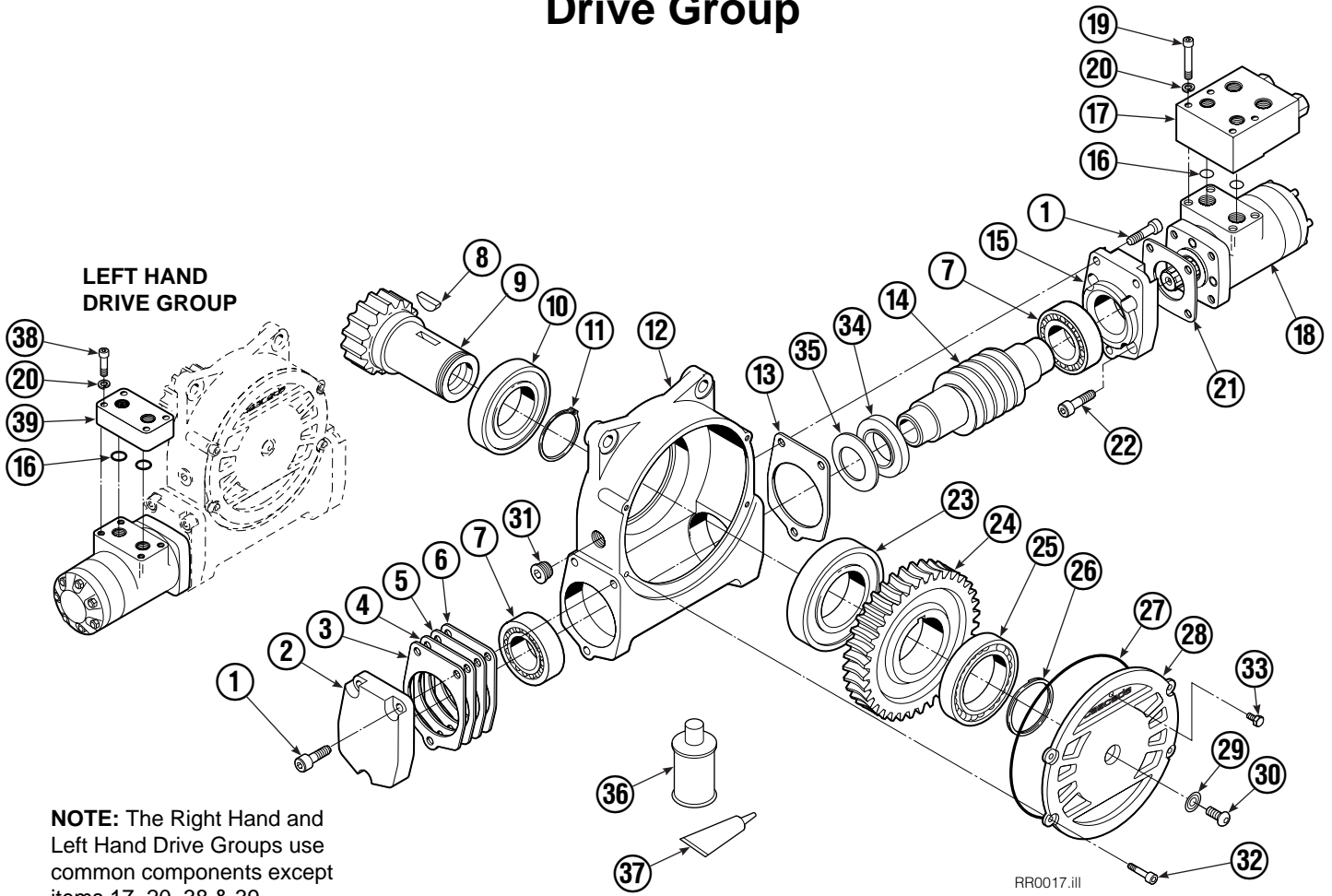
Base Unit Group



150D			
REF	QTY	PART NO.	DESCRIPTION
		684607	Base Unit Group
1	18	631428	Plug
2	1	670773	Faceplate
3	1	670782	Bearing Assembly
4	1	684611	Baseplate
5	2	670786	Tube Assembly
6	4	662187	Fitting, 8-6
7	1	605761	Fitting, 8-8
8	1	601250	Fitting, 8-8
9	8	661742	Capscrew, 1/2 x 1.25
10	8	6290	Lockwasher
11	1	670558	Drive Group – RH ♦
12	1	670562	Drive Group – LH ♦
13	16	643574	Capscrew, 3/4 x 2.25
14	16	6294	Lockwasher
15	2	631427	Plug
16	1	6605	Plug
17	16	607105	Capscrew, 3/4 x 2.00
18	1	7401	Grease Fitting
19	1	601377	Fitting, 8-8
		672483	Bearing Service Kit

♦ See Drive Group page for parts breakdown.
Reference: Common Parts Group 670781, SK-5382.

Drive Group

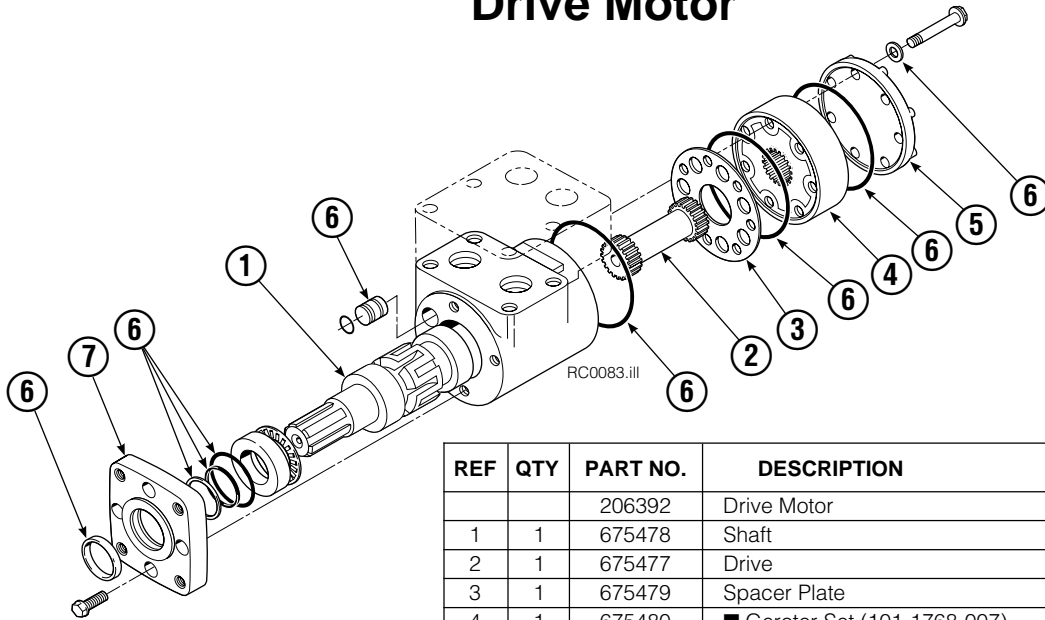


NOTE: The Right Hand and Left Hand Drive Groups use common components except items 17–20, 38 & 39.

REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
		670558	Drive Group – R.H.	21	1	670575	Gasket
		670562	Drive Group – L.H.	22	4	4468	Capscrew, 3/8 NC x .75 GR8
	■	673896	Drive Box Service Kit – R.H.	23	1	670580	Bearing
	■	673867	Drive Box Service Kit – L.H.	24	1	676448	Worm Gear
1	6	607071	Capscrew, 7/16 NC x 1.0 GR8	25	1	670581	Bearing
2	1	676855	Cover	26	1	7214	Snap Ring
3	●	674513	Shim – .005" (blue)	27	1	643423	O-Ring
4	●	670574	Shim – .010" (brown)	28	1	670567	Cover
5	●	671757	Shim – .015" (pink)	29	1	603680	Seal
6	●	671758	Shim – .020" (yellow)	30	1	4874	Capscrew, 3/8 NC x .50 GR8
7	2	670579	Bearing	31	1	6609	Plug
8	1	670582	Key	32	4	671535	Capscrew, 5/16 NC x .75
9	1	670559	Pinion	33	1	644010	Relief Fitting
10	1	670560	Bearing	34	1	672448	Washer
11	1	3160	Snap Ring	35	1	672449	Washer Spring
12	1	670565	Housing	36	1	656300	Gear Box Lube - 48 oz.
13	1	686465	Gasket	37	1	668184	Sealant
14	1	676447	Worm	38	4	607054	Capscrew, 5/16 NC x .75 GR8
15	1	670570	Adapter	39	1	670563	Manifold – L.H. Drive only
16	2	2705	Seal			670578	Shim Service Kit (items 4,5,6 & 37)
17	1	670561	Check Valve – R.H. only ♦			671583	Bearing Service Kit (items 23 & 37)
18	1	206392	Drive Motor ♦			671584	Bearing Service Kit (items 4–7)
19	4	607060	Capscrew, 5/16 NC x 2.00 GR8			676449	Service Kit, (items 4–6,14,24, & 37)
20	4	6444	Lockwasher			206394	Drive Motor Kit (items 4,16,18,21 & 37)

- Includes all items except 17–20, 38 & 39.
- Quantity as required.
- ♦ See Drive Motor page for parts breakdown.

Drive Motor

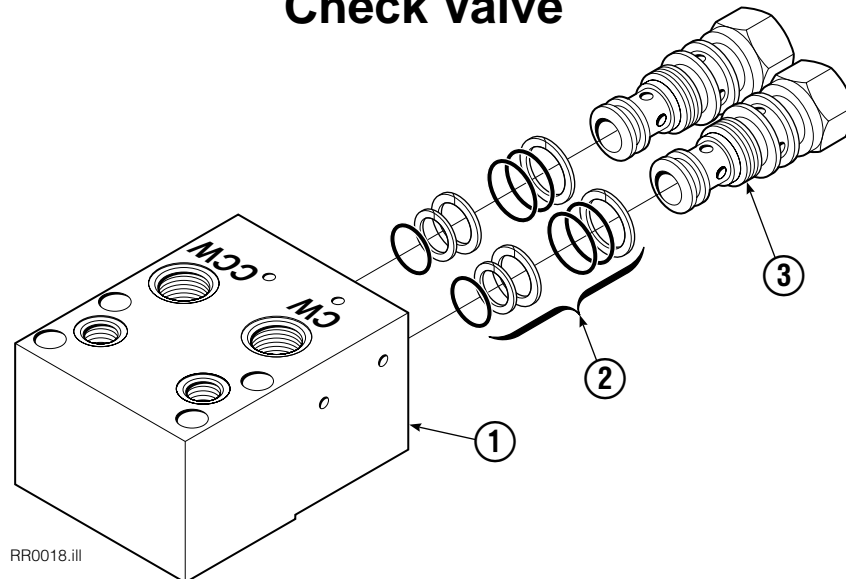


REF	QTY	PART NO.	DESCRIPTION
		206392	Drive Motor
1	1	675478	Shaft
2	1	675477	Drive
3	1	675479	Spacer Plate
4	1	675480	■ Gerotor Set (101-1768-007)
4	1	685075	■ Gerotor Set (101-1768-009)
5	1	675482	End Cap
6	1	206405	● Service Kit
7	1	685089	■ Flange (101-1768-007)
7	1	685090	■ Flange (101-1768-009)

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.

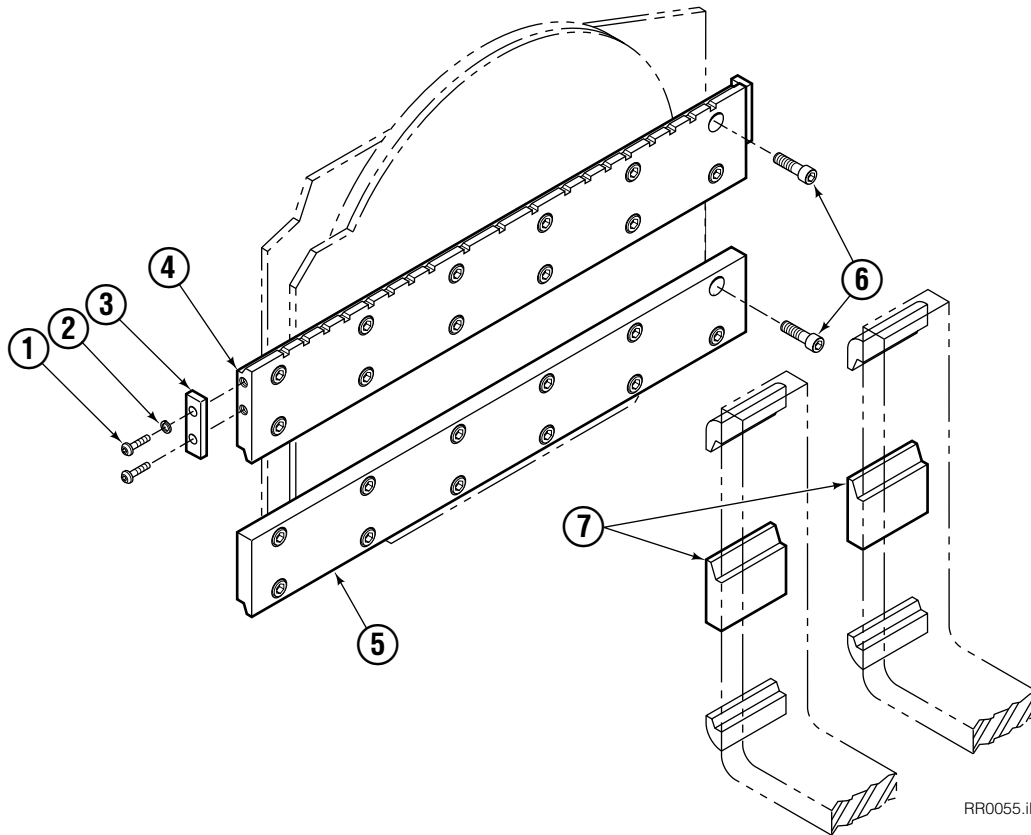
- See Nameplate under valve for correct part number of Gerotor Set and Flange.
- Compatible with water glycol based hydraulic fluids.

Check Valve



REF	QTY	PART NO.	DESCRIPTION
		670561	Check Valve Assembly
1	1	670583	Body
2	2	656223	Seal Kit
3	2	665097	Check Valve

Fork Bar Group

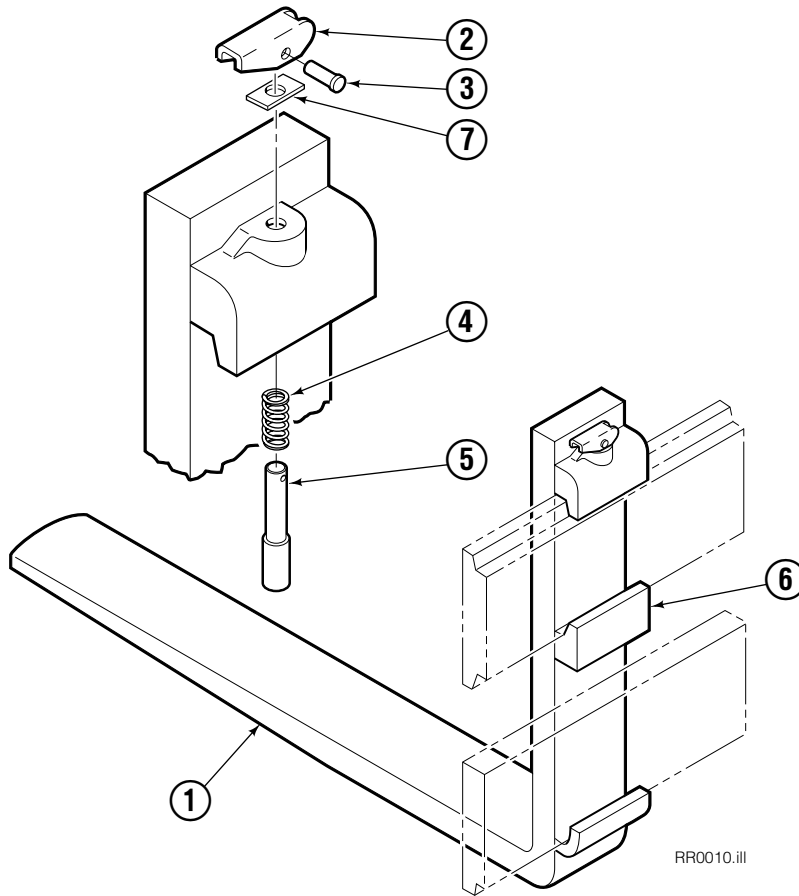


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REF	QTY	PART NO.	DESCRIPTION
		206785	Fork Bar Group
1	4	4880	Capscrew, .5 x 1.0
2	4	6290	Lockwasher, .5
3	2	622148	Keeper
4	1	681244	Upper Bar
5	1	681247	Lower Bar
6	24	681249	Capscrew, 3/4 x 2.00
7	2	--	Hook

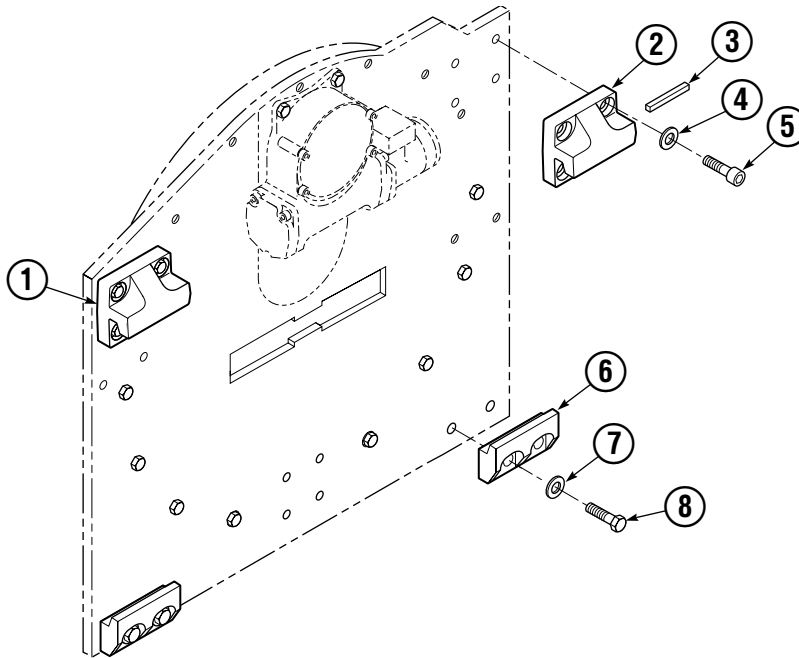
Reference: S-3304, S-3305.

Forks



150D			
REF	QTY	PART NO.	DESCRIPTION
		681146	Fork Assembly
1	1	681143	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



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Class IV, 4°			
REF	QTY	PART NO.	DESCRIPTION
		682383	Mounting Group
1	1	670690	Upper Hook – LH
2	1	670691	Upper Hook – RH
3	1	670704	Stop Kit
4	8	6448	Lockwasher, 3/4 in. ID
5	8	607104	Capscrew, 3/4 NC x 1.75
6	2	679832	Lower Hook
7	4	670692	Washer, 3/4 in. ID
8	4	670693	Capscrew, 3/4 NC x 1.75

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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