



Parts Manual

Model Bulk Box Handler

Catalog Number 18J-BBH-2A-0220 R6

cascade®
corporation

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

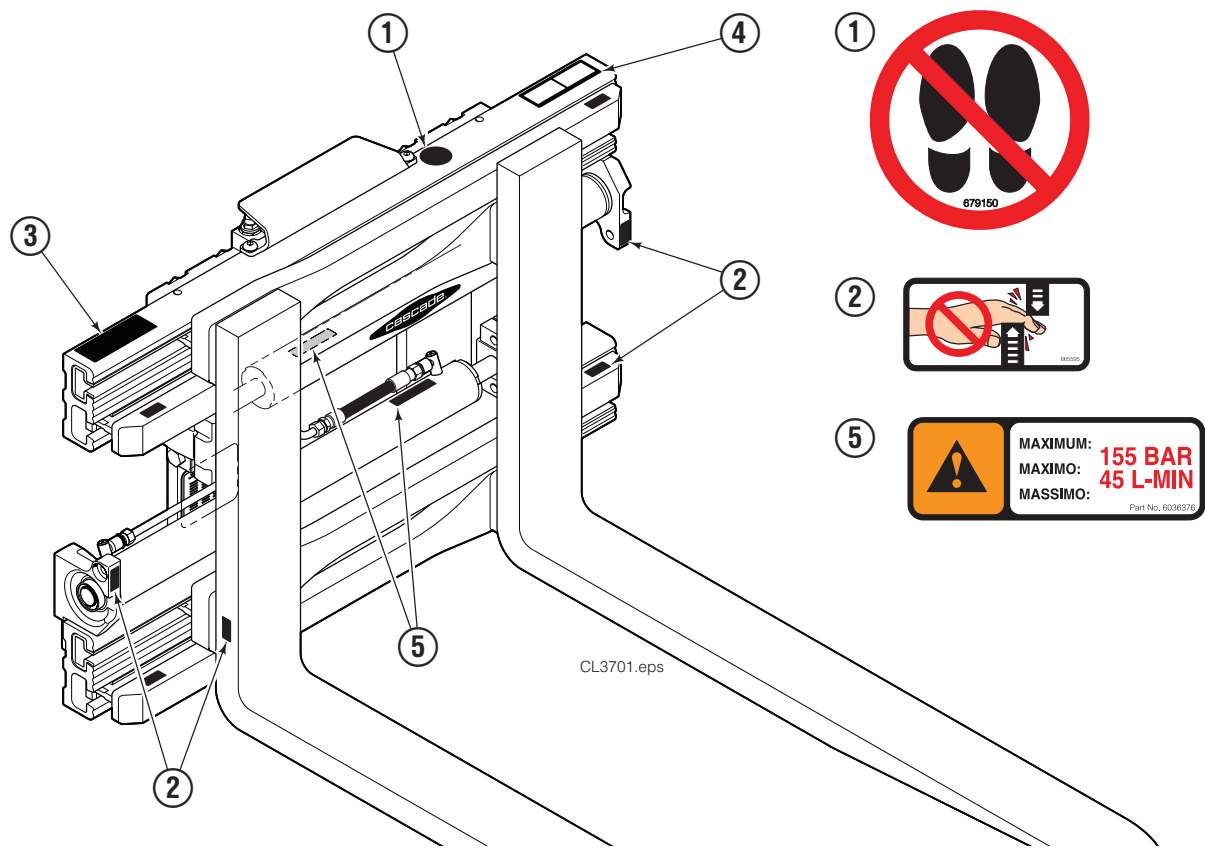
To Order Parts call: 888-227-2233, Fax: 888-329-0234

OR

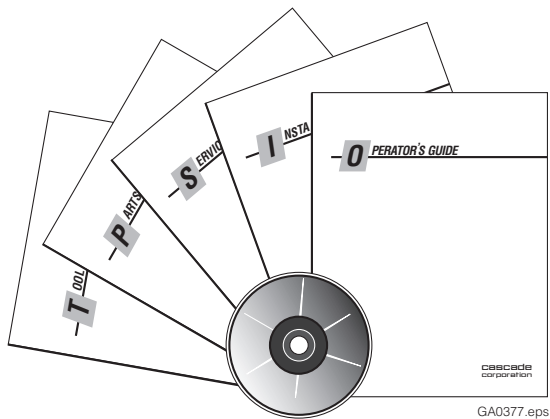
Write: Cascade Corporation, P.O. Box 20187, Portland, OR 97220

Internet: www.cascorp.com

Safety Decals



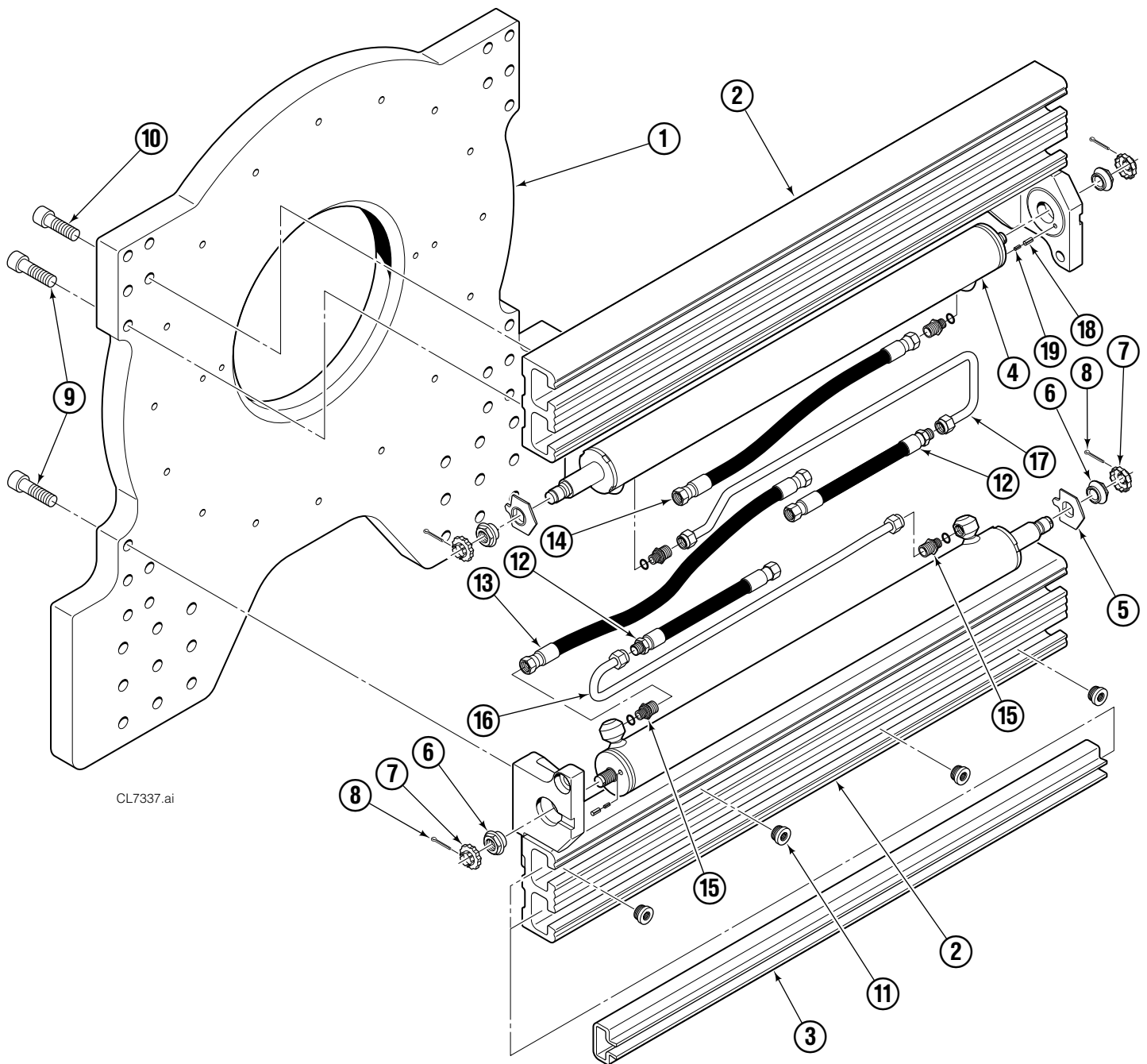
J Clamp			
REF	QTY	PART NO.	DESCRIPTION
1	1	679150	No Step Decal
2	8	665595	No Hand Hold Decal
3	1	6095754	Nameplate
4	1	6229013	Nameplate – Dual Capacity
5	2	6036390	Pressure Decal – 70 BAR
	2	6056262	Pressure Decal – 100 BAR
	2	6226834	Pressure Decal – 140 BAR
	2	6036376	Pressure Decal – 155 BAR
	2	6036386	Pressure Decal – 190 BAR



Publications

J Clamp	
6033701	Installation Instructions
6033702	Operator Guide
6033703	Service Manual
679929	Tool Catalog

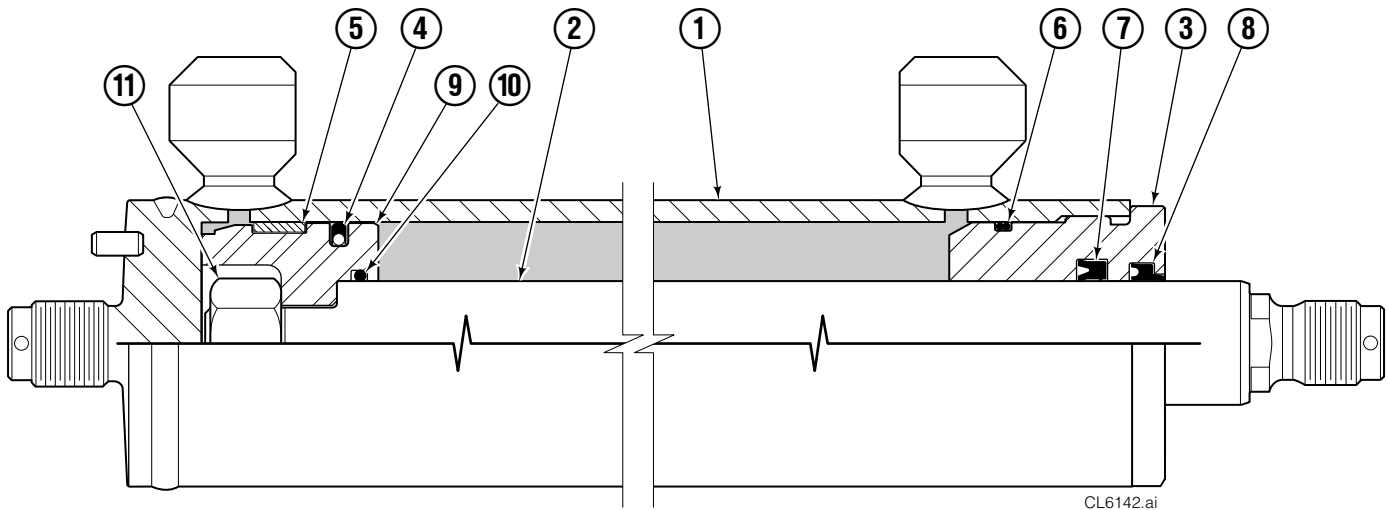
Rotating Frame Group



REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
		6914238	Rotating Frame Group	10	2	769577	Capscrew, M16 x 50
1	1	6913119	Faceplate	11	8	6028433	Bearing Retainer Plug
2	2	6824432	Frame	12	2	6043816	Hose, 225 mm (A)
3	4	6805572	Bearing	13	1	6072875	Hose, 365 mm (B)
4	2	6914236	Cylinder ♦	14	1	6079875	Hose, 350 mm (C)
5	2	6882490	Washer	15	4	778100	Fitting, M16
6	4	667625	Nut	16	1	6910959	Tube
7	4	667624	Retainer	17	1	6910958	Tube
8	4	6510	Cotter Pin	18	2	769009	Roll Pin – Outer
9	20	221305	Capscrew, M16 x 55	19	2	768935	Roll Pin – Inner

♦ See Cylinder page for parts breakdown, SK-53292.

Cylinder



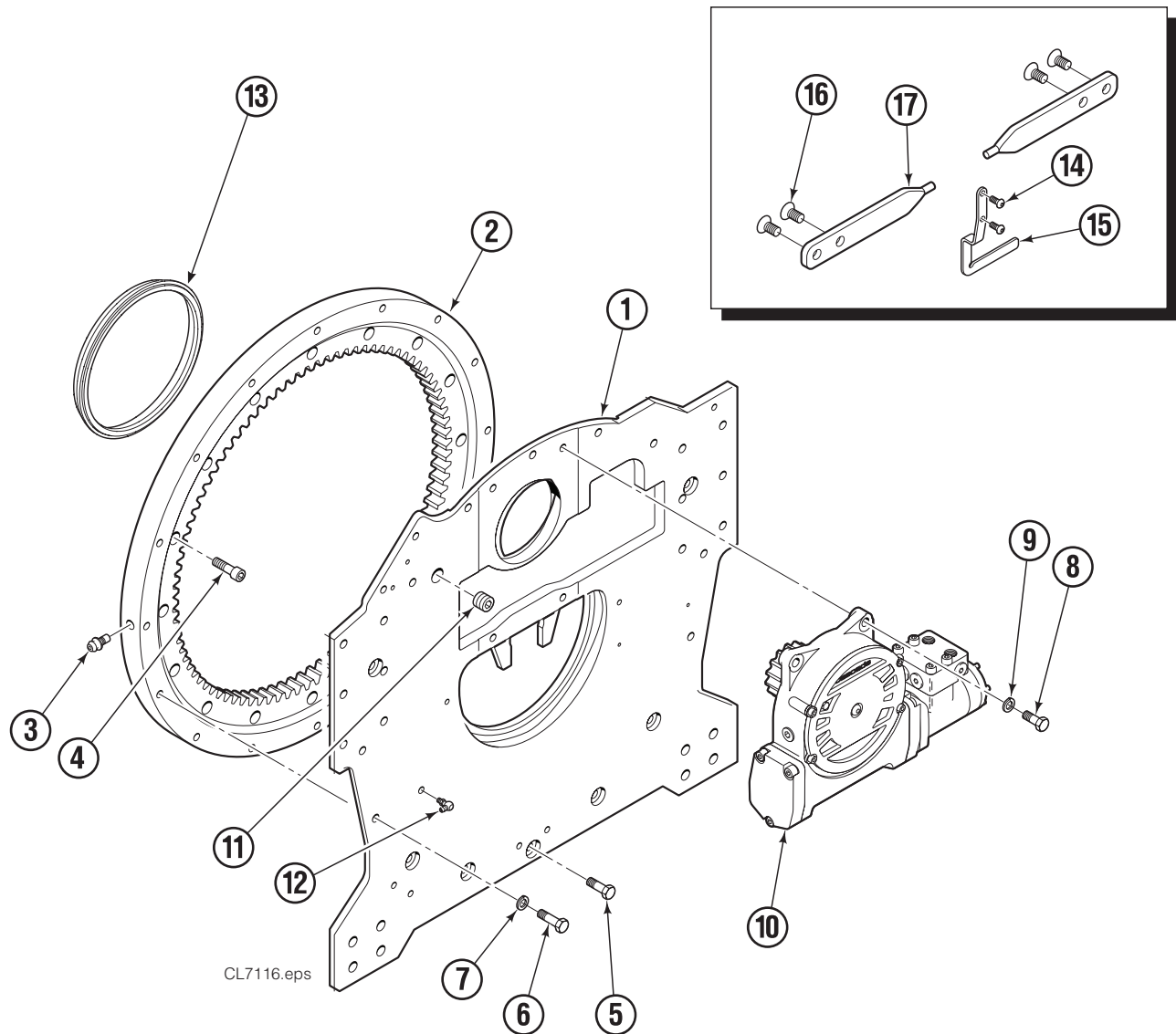
REF	QTY	PART NO.	DESCRIPTION
		6914236	Cylinder
1	1	6872671	Shell
2	1	6914235	Piston/Rod Assembly ■
3	1	6864607	Retainer
4	1	6031018	◆ Piston Seal
5	1	6864608	◆ Piston Wear Ring
6	1	6862867	◆ Dual Seal
7	1	6800343	◆ Rod Seal
8	1	6800341	◆ Rod Wiper
9	1	6864702	Piston
10	1	6864755	O-Ring
11	1	6872039	Nut, M16

■ Includes items 9-11.

◆ Included in Service Kit 6865345.

Reference: S-57384, S-57431.

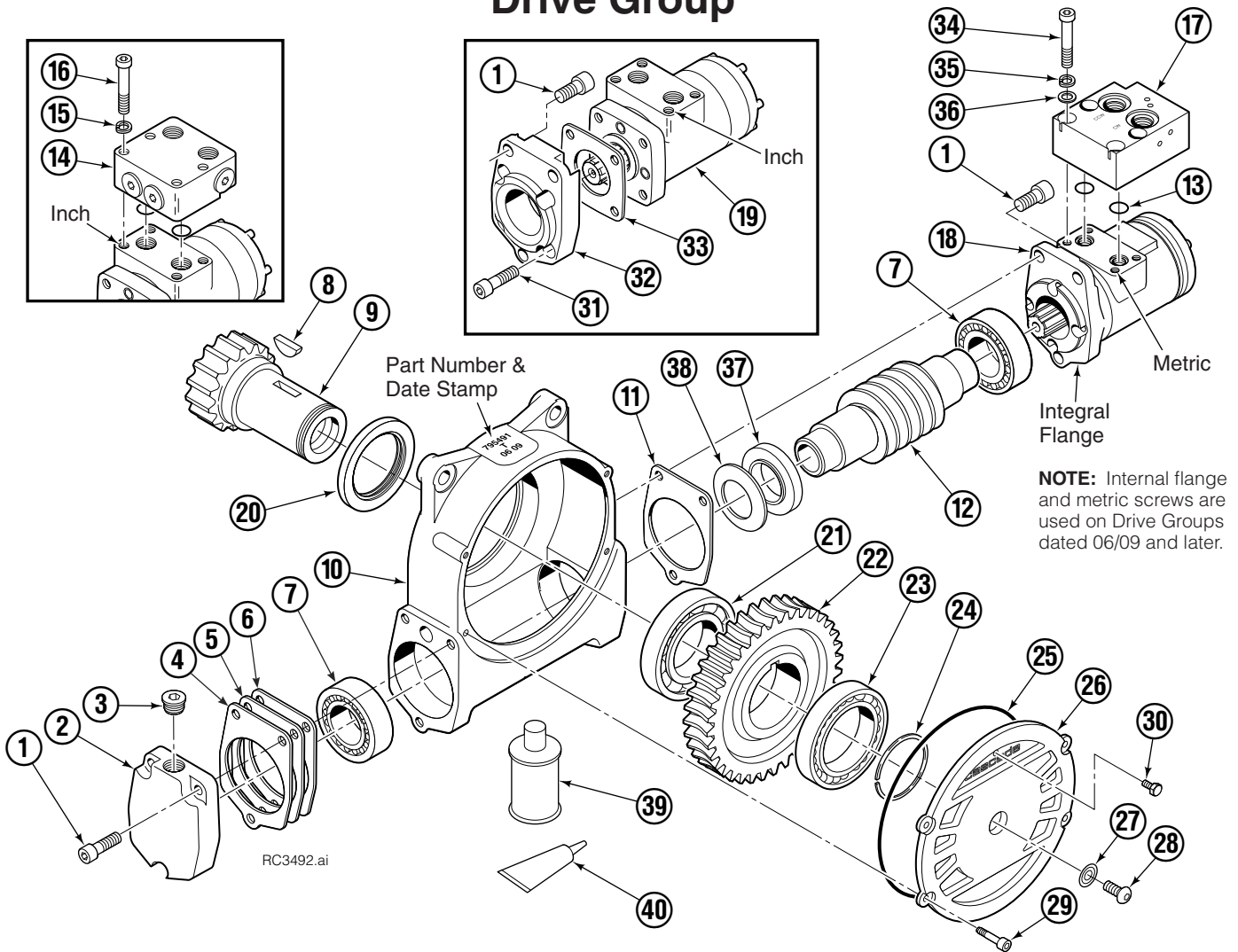
Rotator Group



18J							
REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
		6914611	Rotator Baseplate Group	9	4	681473	Lockwasher, M12
1	1	6909182	Baseplate	10	1	6053383	Drive Group ♦
2	1	775434	Bearing Assembly	11	1	6605	Plug
3	1	7401	Grease Fitting	12	1	7406	Grease Fitting
4	16	769572	Capscrew, M12 x 35	13	1	209944	Seal
5	7	212305	Capscrew, M12 x 35	14	2	202264	Capscrew, M6 x 10
6	9	214487	Capscrew, M12 x 40	15	1	6909175	Bracket
7	13	681473	Lockwasher, M12	16	2	6037989	Support Casting
8	4	763021	Capscrew, M12 x 30	17	4	6038809	Capscrew, M10 x 20

♦ See Drive Group page for parts breakdown.
Reference: Fastener Kit 6803944.

Drive Group



REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
		6053383	Drive Group with 2.2 c.i. Motor	21	1	6033892	Bearing ★
1	6	769570	Capscrew, M12 x 25	22	1	676448	Worm Gear
2	1	211774	Cover	23	1	670581	Bearing
3	1	604510	Fitting, 6	24	1	7214	Snap Ring
4	●	670574	Shim – .010" (brown)	25	1	643423	O-Ring
5	●	671757	Shim – .015" (pink)	26	1	775552	Cover
6	●	671758	Shim – .020" (yellow)	27	1	783609	Seal
7	2	670579	Bearing	28	1	783608	Capscrew, M10 x 16
8	1	670582	Key	29	4	200882	Capscrew, M8 x 20
9	1	670506	Pinion	30	1	644010	Relief Fitting
10	1	775551	Housing	31	4	4468	Capscrew, 3/8 x .75
11	1	686465	Gasket	32	1	775553	Adapter
12	1	676447	Worm	33	1	670575	Gasket
13	2	2705	O-Ring	34	4	768798	Capscrew, M8 x 40
14	1	670549	Check Valve ◆	35	4	787384	Lockwasher
15	4	6444	Lockwasher	36	4	221494	Washer, M8
16	4	607059	Capscrew, 5/16 x 1.75	37	1	672448	Washer
17	1	6063316	Check Valve ◆	38	1	672449	Washer – Spring
18	1	6097946	Drive Motor – 2.2 c.i. ■	39	1	656300	Gear Box Lube – 48 oz.
19	1	206406	Drive Motor – 2.2 c.i. ■	40	1	668184	Sealant
20	1	3014870	Seal			670578	Shim Service Kit (items 4-6,11,25,38)

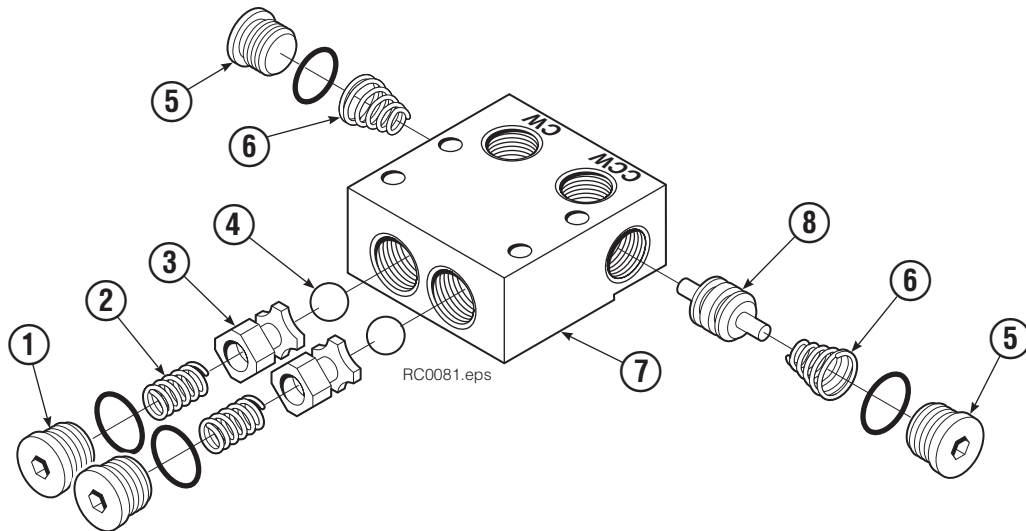
● Quantity as required.

◆ See Valve page for parts breakdown.

■ See Drive Motor page for parts breakdown.

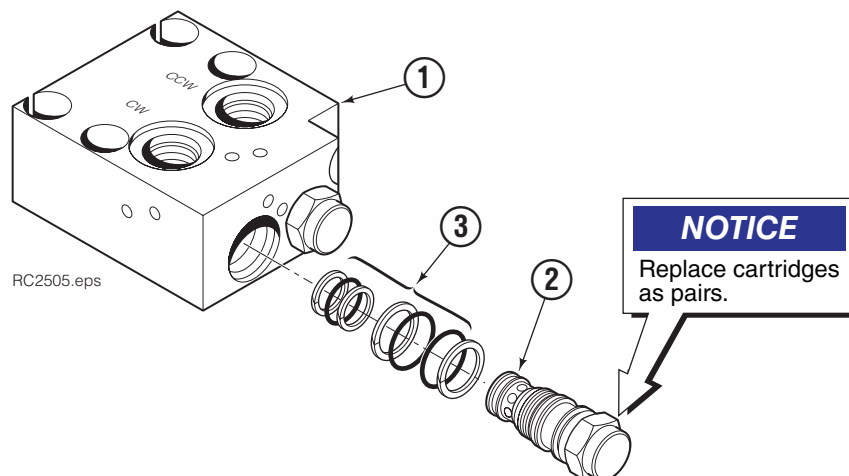
★ For service replacement use Bearing 670580.

Check Valve



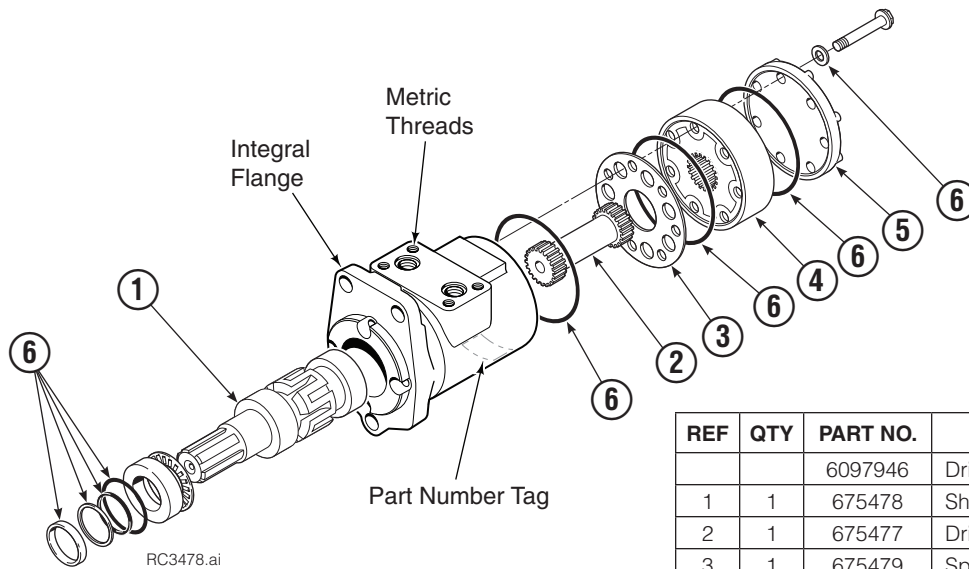
REF	QTY	PART NO.	DESCRIPTION
		670549	Check Valve Assembly (R9) ★
1	2	609453	Fitting, 10
2	2	670552	Spring
3	2	670551	Guide
4	2	7020	Ball
5	2	602580	Fitting, 8
6	2	673989	Spring
7	1	670550	Body ★
8	1	670553	Spool

★ No longer available, replaced by 6063316 Valve Assembly.



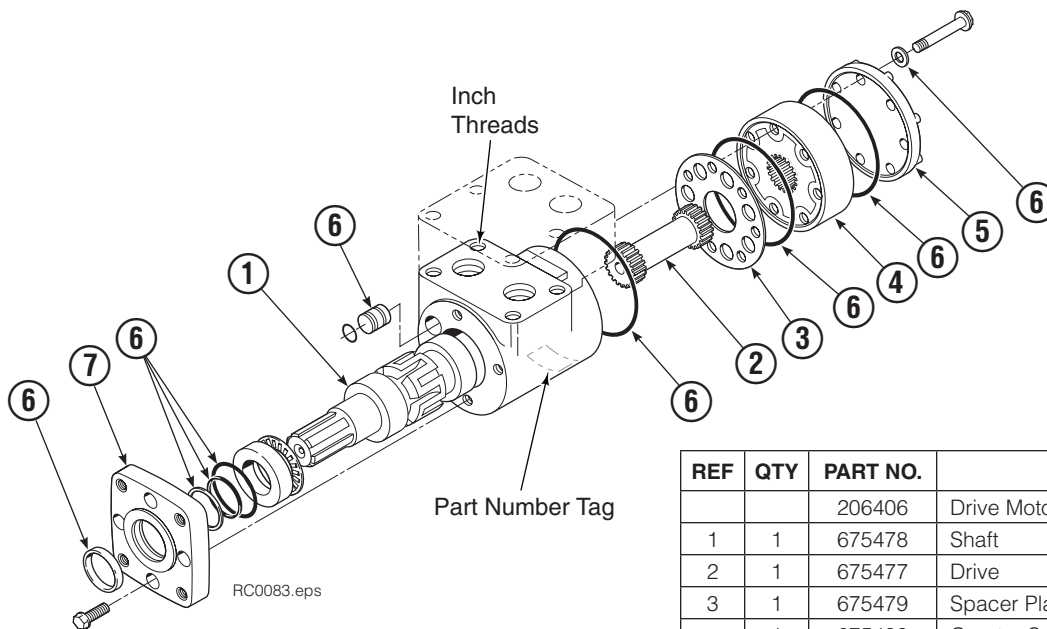
REF	QTY	PART NO.	DESCRIPTION
		6063316	Check Valve Assembly (R3)
1	1	6063282	Valve Body
2	2	6892871	Counterbalance Valve
3	2	667516	Service Kit

Drive Motor



REF	QTY	PART NO.	DESCRIPTION
		6097946	Drive Motor – 2.2 c.i.
1	1	675478	Shaft
2	1	675477	Drive
3	1	675479	Spacer Plate
4	1	685074	Gerotor Set
5	1	675482	End Cap
6	1	206405	Service Kit ●

● Compatible with water glycol based hydraulic fluids.
 Cascade provides service replacement parts for the listed parts only. Due to cost, if other parts need replacement, the complete drive motor should be replaced.

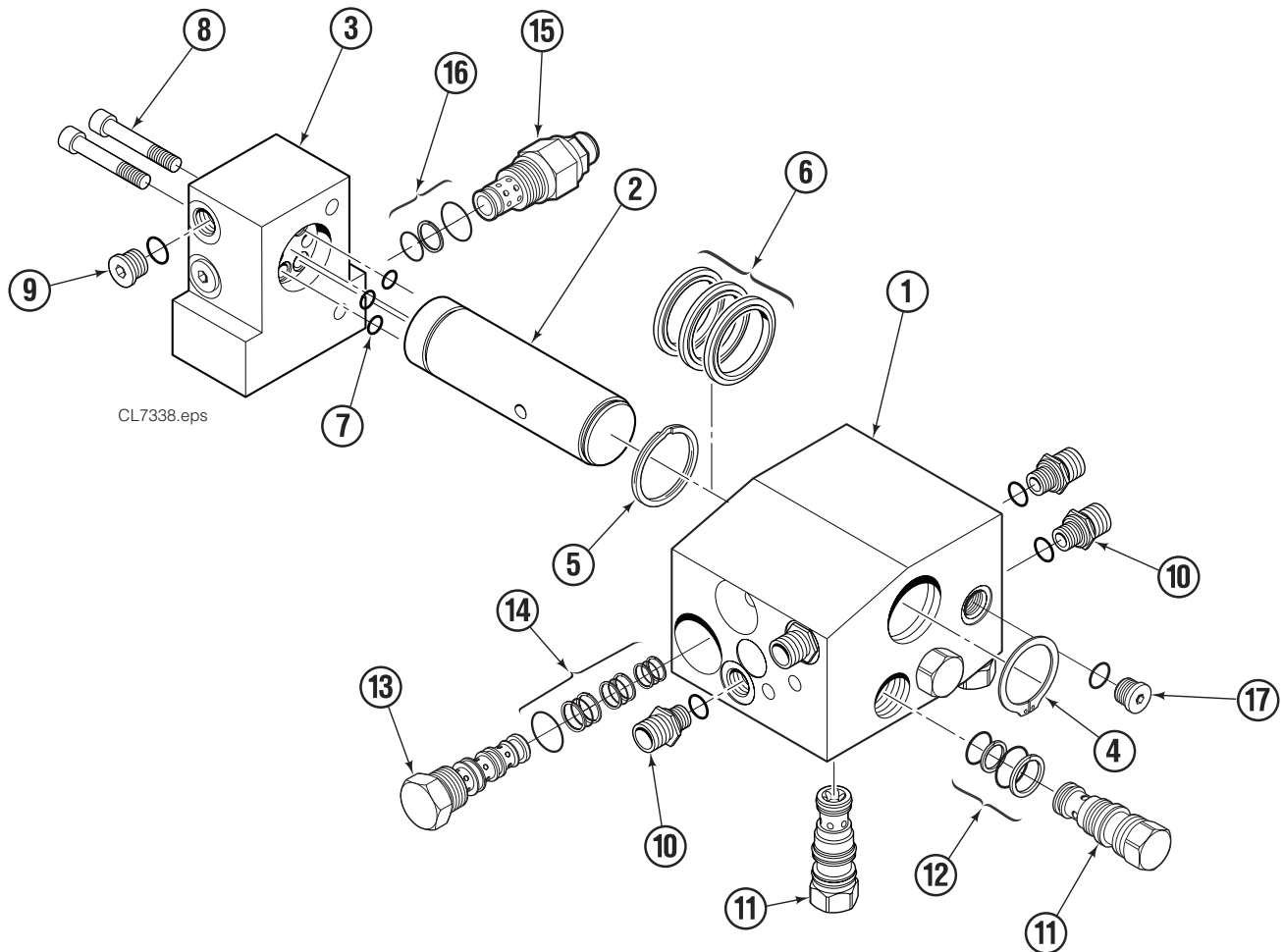


REF	QTY	PART NO.	DESCRIPTION
		206406	Drive Motor – 2.2 c.i.
1	1	675478	Shaft
2	1	675477	Drive
3	1	675479	Spacer Plate
4	1	675480	Gerotor Set (101-1768-007) ■
	1	685075	Gerotor Set (101-1768-009) ■
5	1	675482	End Cap
6	1	206405	Service Kit ●
7	1	685089	Flange (101-1768-007) ■
	1	685090	Flange (101-1768-009) ■

■ See Nameplate under valve for correct part number of Gerotor Set and Flange.

● Compatible with water glycol based hydraulic fluids.
 Cascade provides service replacement parts for the listed parts only. Due to cost, if other parts need replacement, the complete drive motor should be replaced.

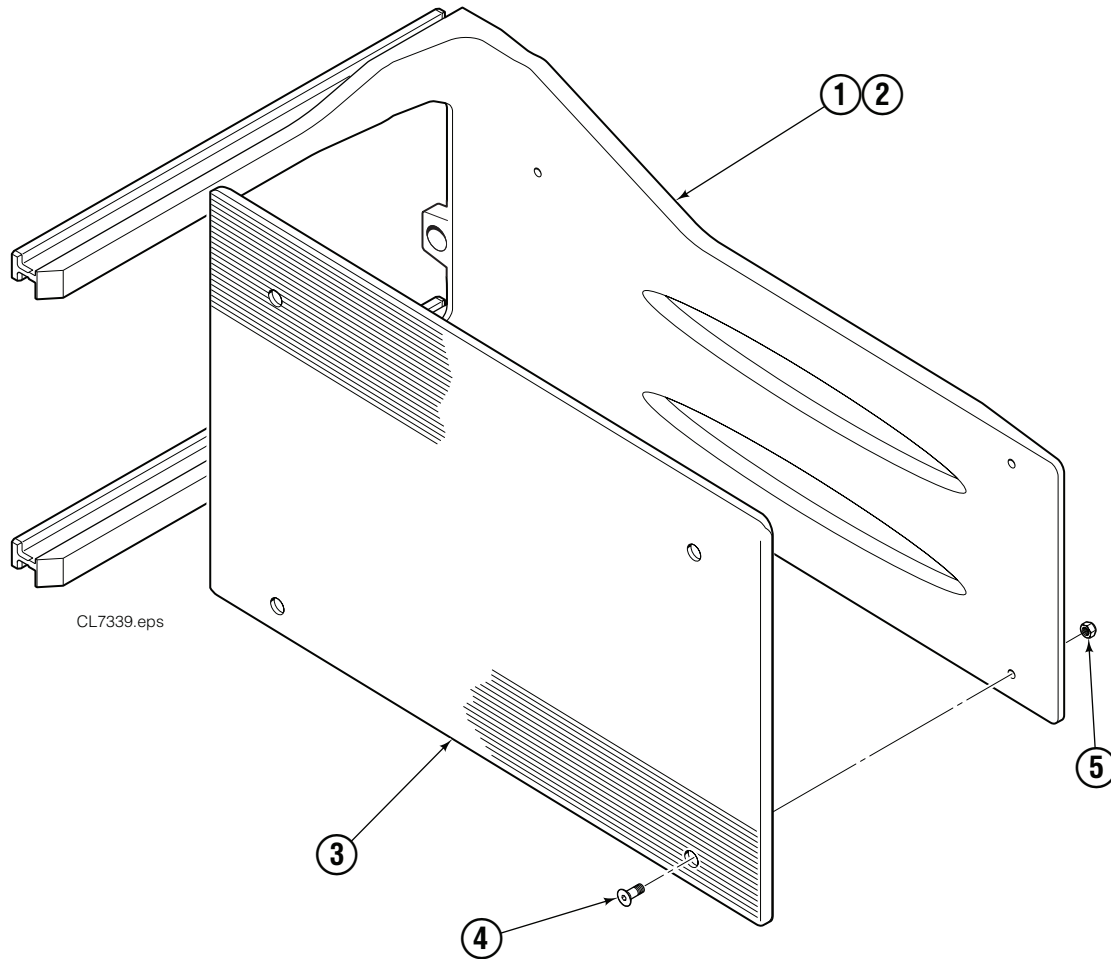
Revolving Connection Group



REF	QTY	PART NO.	DESCRIPTION
		6912102	Revolving Connection Group
1	1	6909368	Valve Body
2	1	6941292	Shaft
3	1	6909370	End block
4	1	3138	Retaining Ring ♦
5	1	7341	Retaining Ring ♦
6	3	214649	Shaft Seal ♦
7	4	684587	O-Ring ♦
8	2	766123	Capscrew, M8 x 50 ♦
9	2	604510	Fitting, 6
10	4	778100	Fitting, SAE 6-10 mm L Series
11	4	6058855	Check Valve
12	2	667516	Service Kit
13	1	210266	Flow Divider/Combiner
14	1	6071170	Service Kit
15	1	6056394	Relief Cartridge
16	1	682170	Service Kit
17	2	609234	Fitting, 4

♦Included in Service Kit, 6047406.

Arm Group

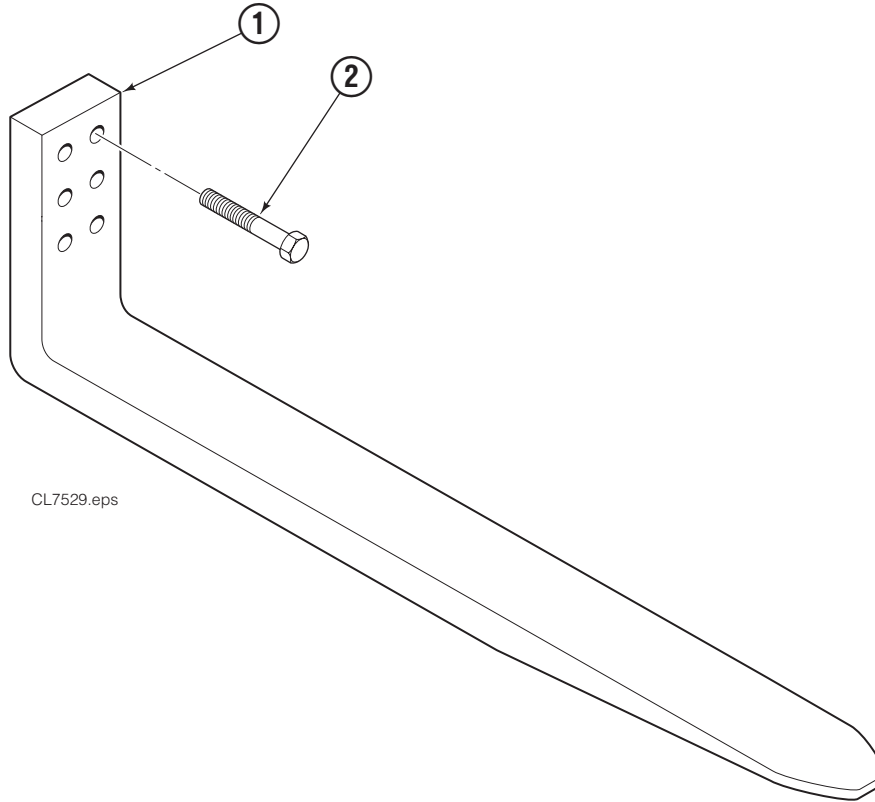


18J			
REF	QTY	PART NO.	DESCRIPTION
		6914243	Multi-Purpose Arm Assembly – LH ◆
		6914247	Multi-Purpose Arm Assembly – RH ●
1	1	6914242	Arm Weldment – LH
2	1	6914246	Arm Weldment – RH
3	2	6914068	Contact Pad
4	8	768705	Capscrew, M12 x 30
5	8	683170	Nut, M12

◆ Includes items 1 and 3-5.

● Includes items 2-5.

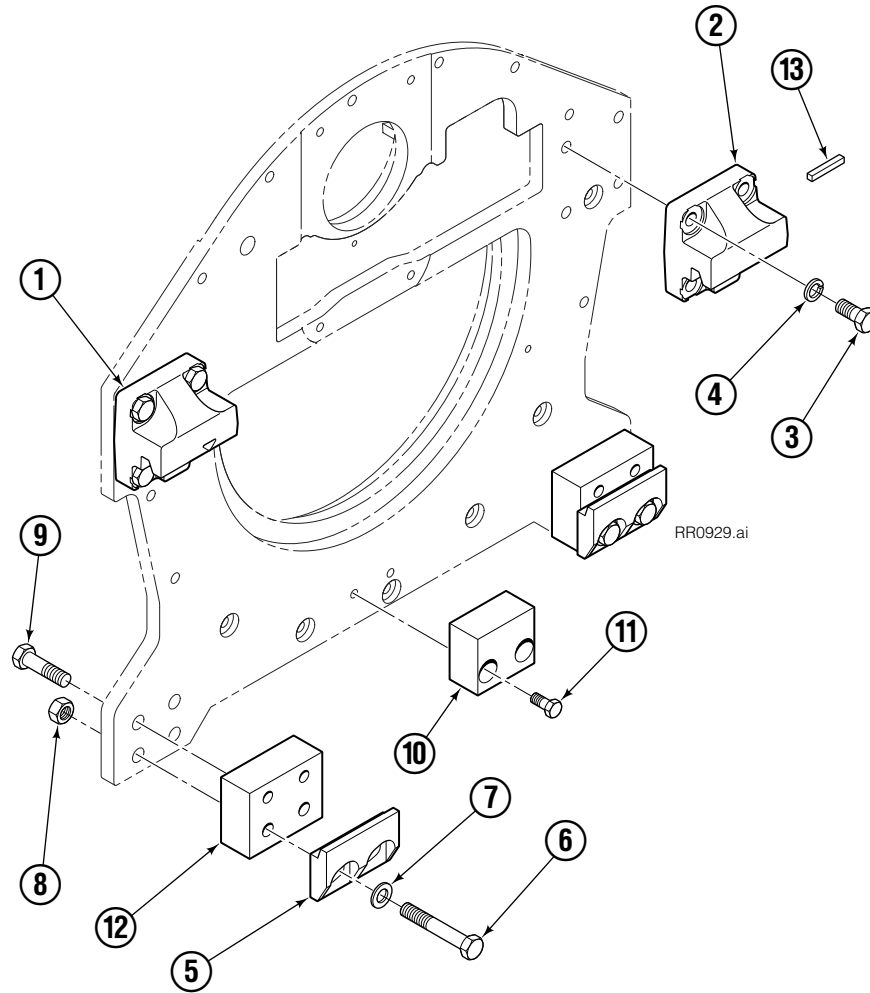
Fork Group



18J			
REF	QTY	PART NO.	DESCRIPTION
		6988762	Fork Group
1	2	6988763	Fork
2	12	6084673	Capscrew, M20 x 80

Reference: SK-53406

Bolt-On Mounting Group



Class II, 0°

REF	QTY	PART NO.	DESCRIPTION
		6804051	Mounting Group (R5)
1	1	670523	Upper Hook – LH
2	1	670524	Upper Hook – RH
3	8	766154	Capscrew, M16 x 40
4	8	684586	Lockwasher, M16
5	2	675968	Lower Hook
6	4	765612	Capscrew, M16 x 100
7	4	217637	Washer, M16
8	4	781534	Nut, M16
9	4	689997	Capscrew, M16 x 60
10	1	6804014	Center Spacer
11	2	767810	Capscrew, M12 x 25
12	2	6804013	Spacer
13	1	669344	Stop Block Kit

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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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