



# Parts Manual

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Model \_\_\_\_\_ **Fork Positioner**

Catalog Number \_\_\_\_\_ **120C-FPB-C003 R1**

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**cascade**®  
**corporation**

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

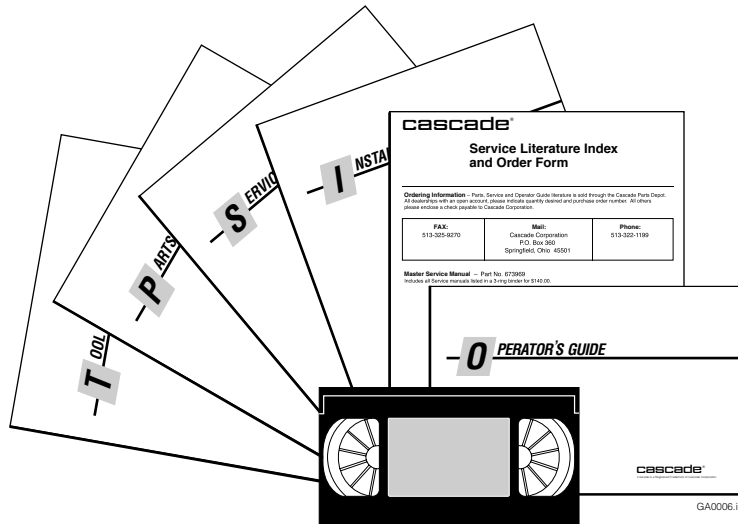
**To Order Parts call:** 888-227-2233, Fax: 888-329-0234

**OR**

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

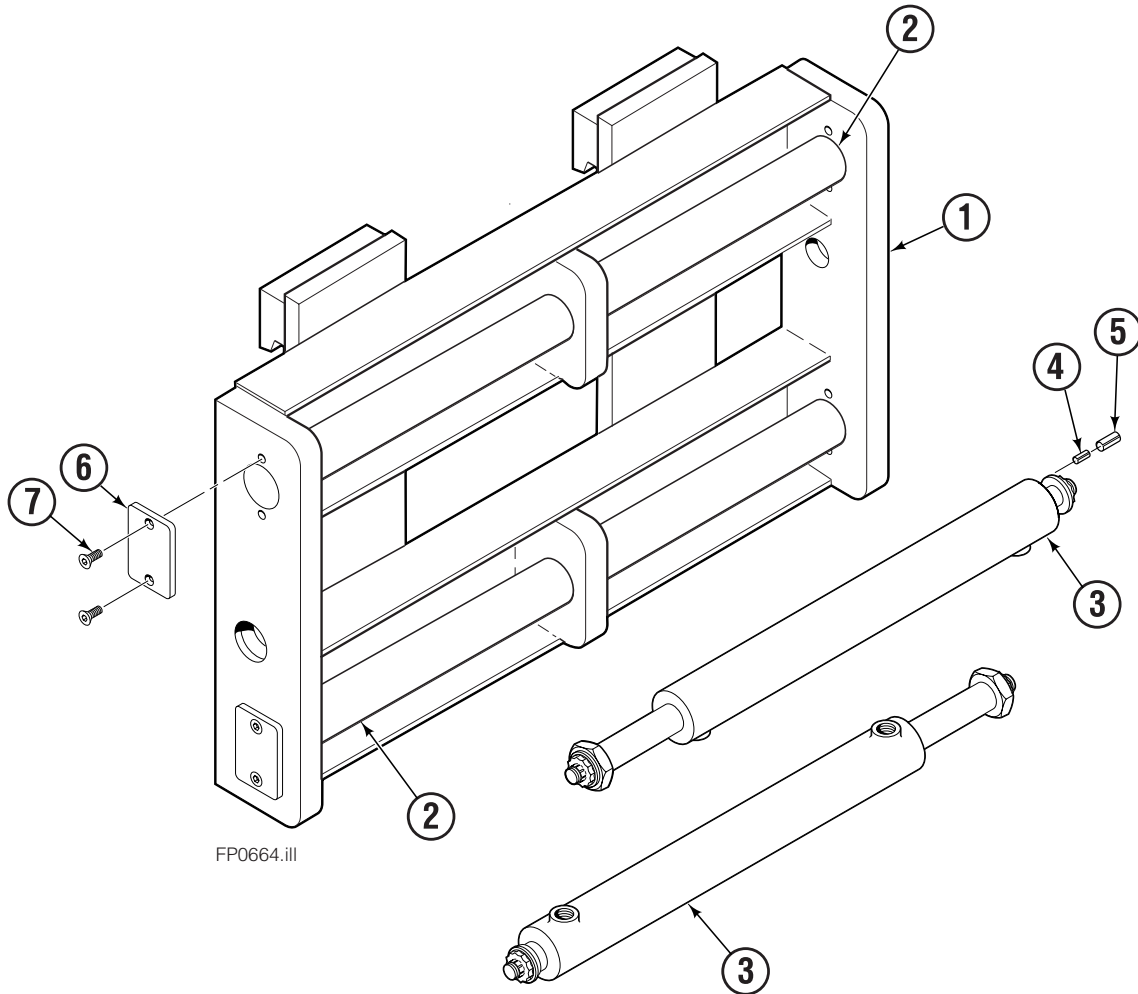
**Internet:** [www.cascorp.com](http://www.cascorp.com)

# Publications



100C	
PART NO.	DESCRIPTION
	Parts Manual
6009757	Service Manual
219989	Operators Guide
219990	Installation Instructions
680664	Servicing Cascade Cylinders-VHS
679929	Tool Catalog
673964	Literature Index Order Form

# Frame Group



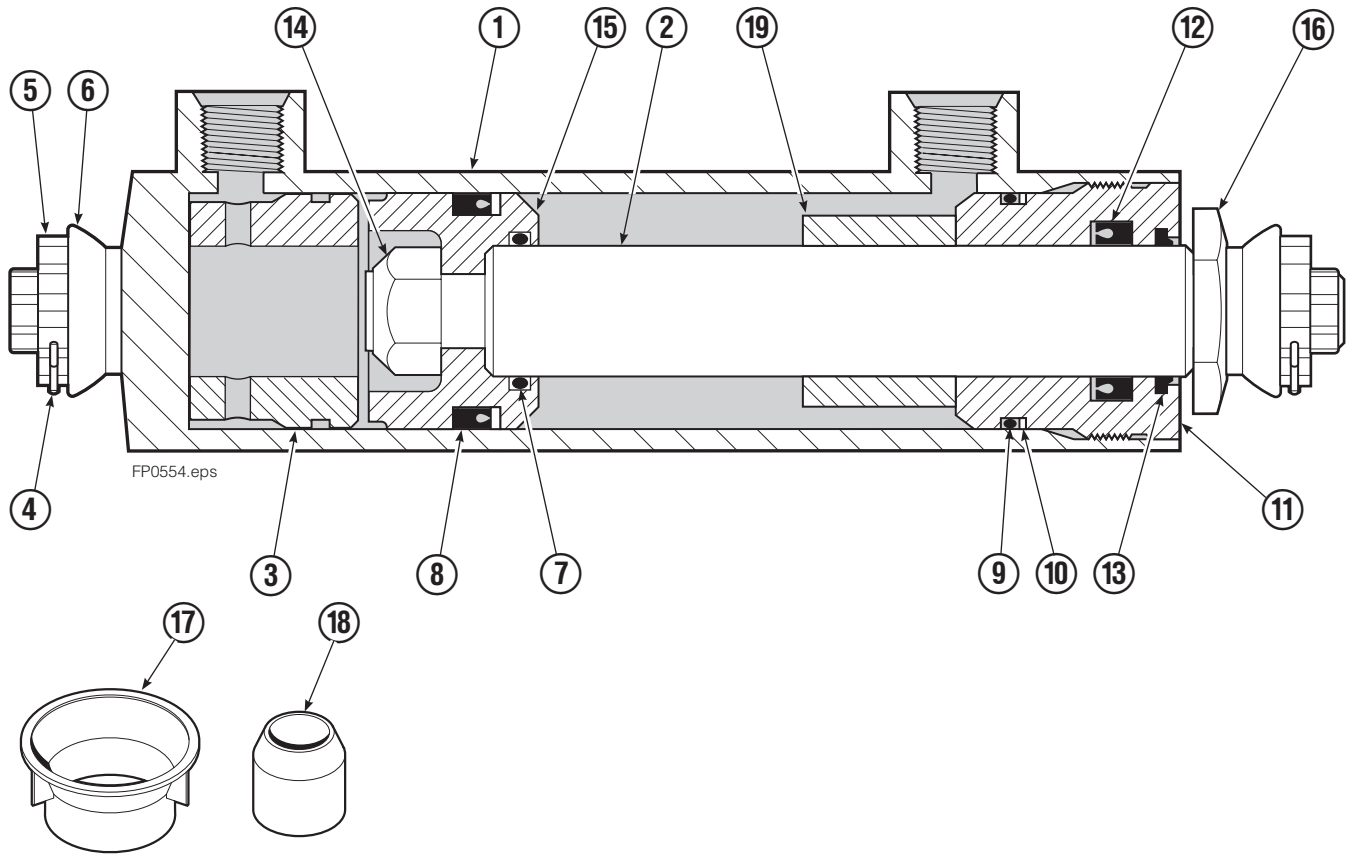
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120C							
REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
		214433	Frame Group	5	2	7961	Roll Pin - Outer
1	1	840225	Frame - 60 in.	6	2	830774	◆ End Cover
2	2	830826	Shaft	7	4	4771	◆ Capscrew, 1/2 x 1.00
3	2	383027	Cylinder ▲			381520	Hydraulic Group ●
4	2	7882	Roll Pin - Inner			384630	Hose Group ●

▲ See Cylinder page for parts breakdown.  
Reference: S-8600.

◆ Included in Retainer Group 214444.  
● See specific page(s) for parts breakdown.

# Cylinder Assembly



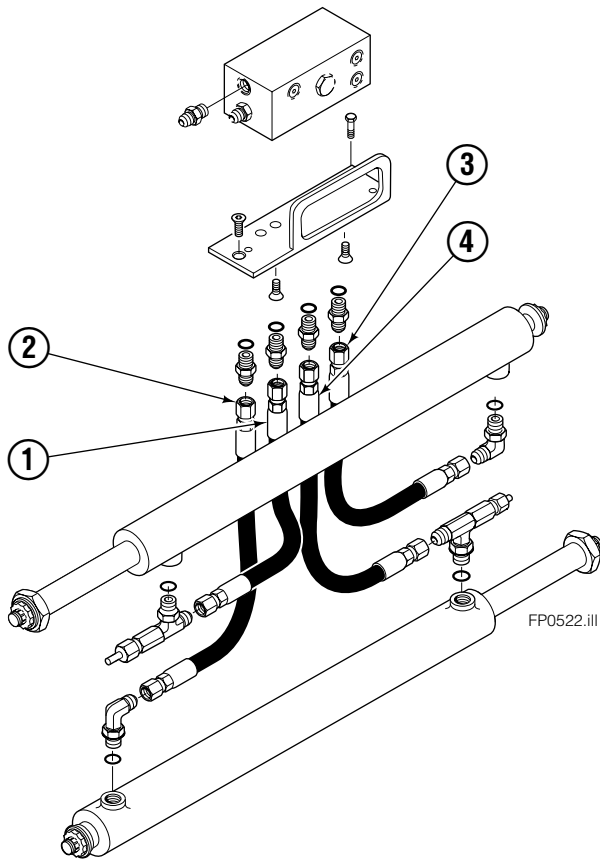
REF	QTY	PART NO.	DESCRIPTION
		383027	Cylinder Assembly
1	1	584457	Shell
2	1	584458	Rod
3	1	—	Spacer (S-20092)
4	2	6511	■ Cotter Pin
5	2	667667	■ Nut Retainer
6	2	667668	■ Nut
7	1	2722	◆ O-Ring
8	1	662457	◆ Seal
9	1	2791	◆ O-Ring
10	1	615134	◆ Back-Up Ring
11	1	667675	Retainer
12	1	662451	◆ Seal
13	1	564930	◆ Wiper
14	1	561012	Nut
15	1	558402	Piston
16	1	667676	Washer
17	1	671049	◆ Seal Loader, Piston
18	1	671052	◆ Seal Loader, Retainer
19	1	829237	Spacer (S-7645)
		667723	Service Kit

■ Included in Nut Service Kit 668925.

◆ Included in Service Kit 667723.

Reference: S-5564, S-5565.

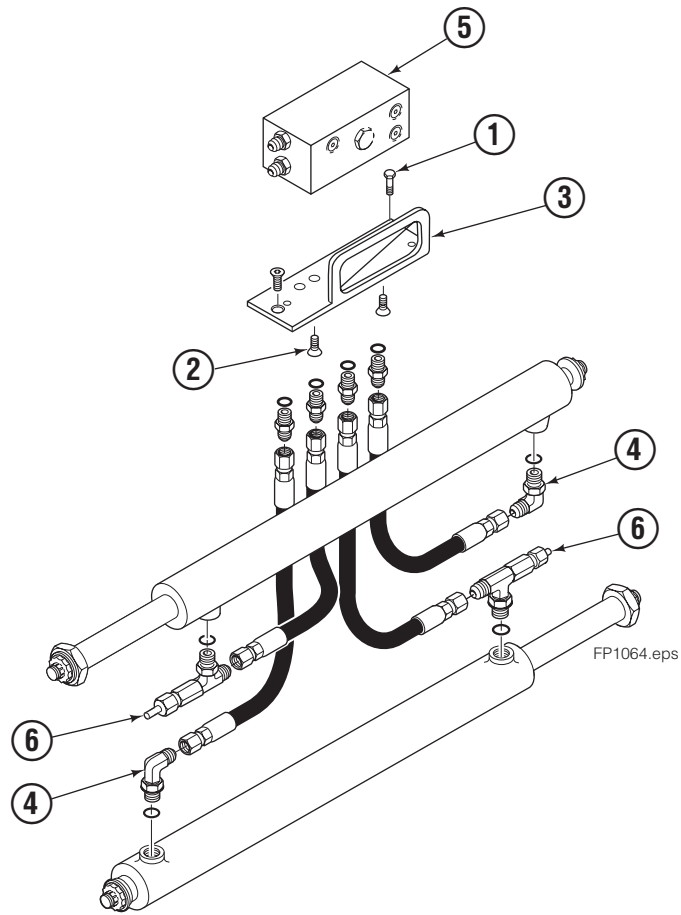
# Hose Group



REF	QTY	PART NO.	DESCRIPTION
		384630	Hose Group
1	1	686573	Hose, 60.75 in.
2	1	209535	Hose, 37.00 in.
3	1	209535	Hose, 37.00 in.
4	1	686573	Hose, 60.75 in.

Reference: S-8704.

# Hydraulic Valve Group

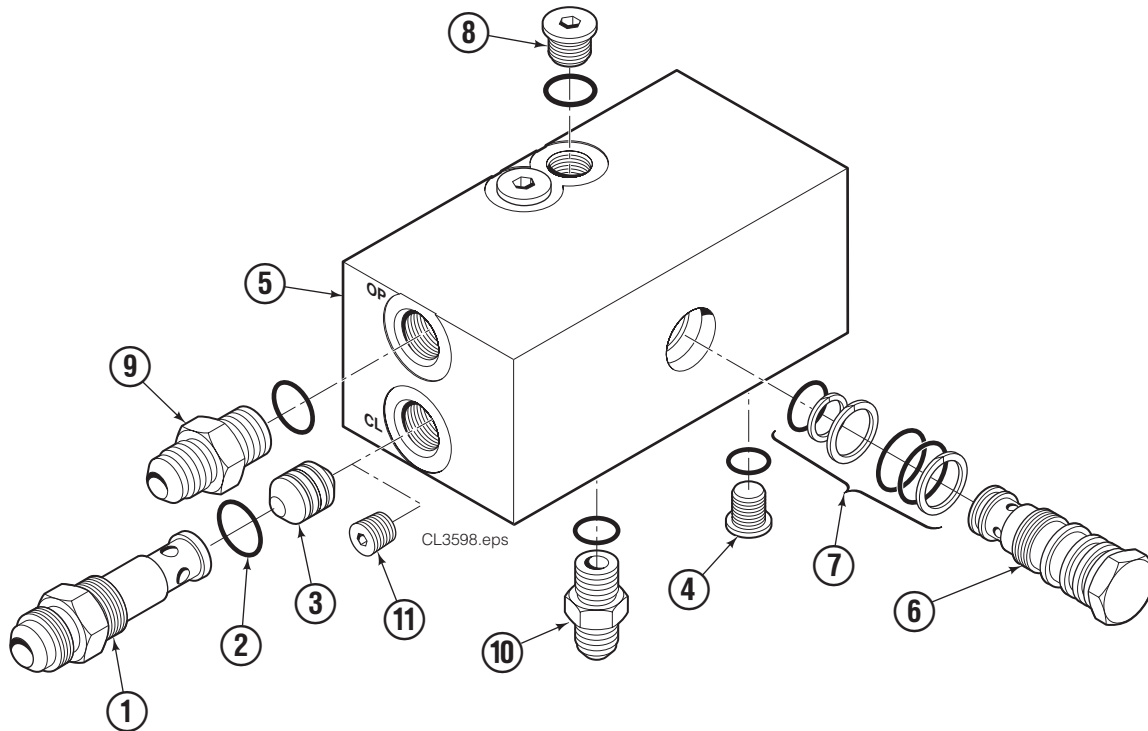


REF	QTY	PART NO.	DESCRIPTION
		381520	Hydraulic Valve Group (R3)
1	1	643524	Capscrew, .375 x .750 GR8
2	3	4750	Capscrew, .375 x .750
3	1	844137	Bracket
4	2	601676	Fitting-90, 6-6
5	1	6133755	Valve Assembly ◆
6	2	617487	Restrictor Fitting Tee ■

◆ See Valve Assembly page for parts breakdown.

■ See Restrictor fitting Tee page for parts breakdown.

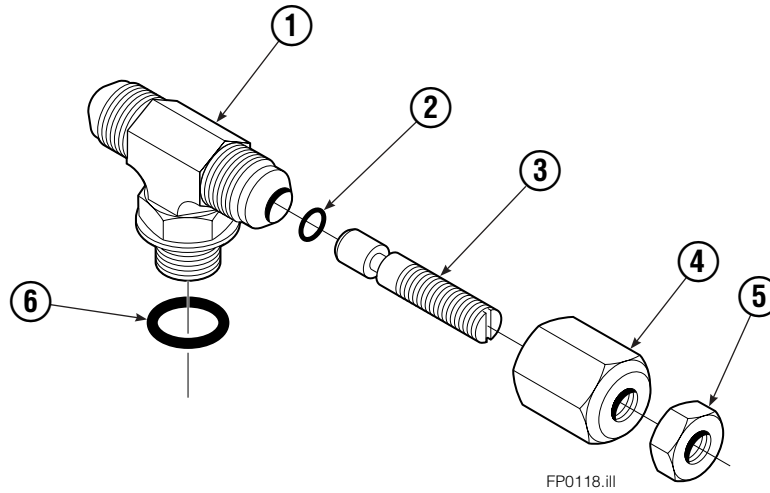
# Check Valve



REF	QTY	PART NO.	DESCRIPTION
		6133755	Check Valve – Non-Sideshifting
1	1	667490	Special Fitting
2	1	2841	O-Ring ●
3	1	667471	Spool
4	3	609455	Fitting, 5
5	1	6133756	Valve Body
6	1	678270	Check Valve – VPO
7	1	661347	Cartridge Service Kit ●
8	2	604510	Fitting, 6
9	1	601377	Fitting, 8-8
10	4	604511	Fitting, 6-6
11	1	676343	Regeneration Elimination Kit
		668864	Valve Service Kit

● Included in Service Kit 668864.

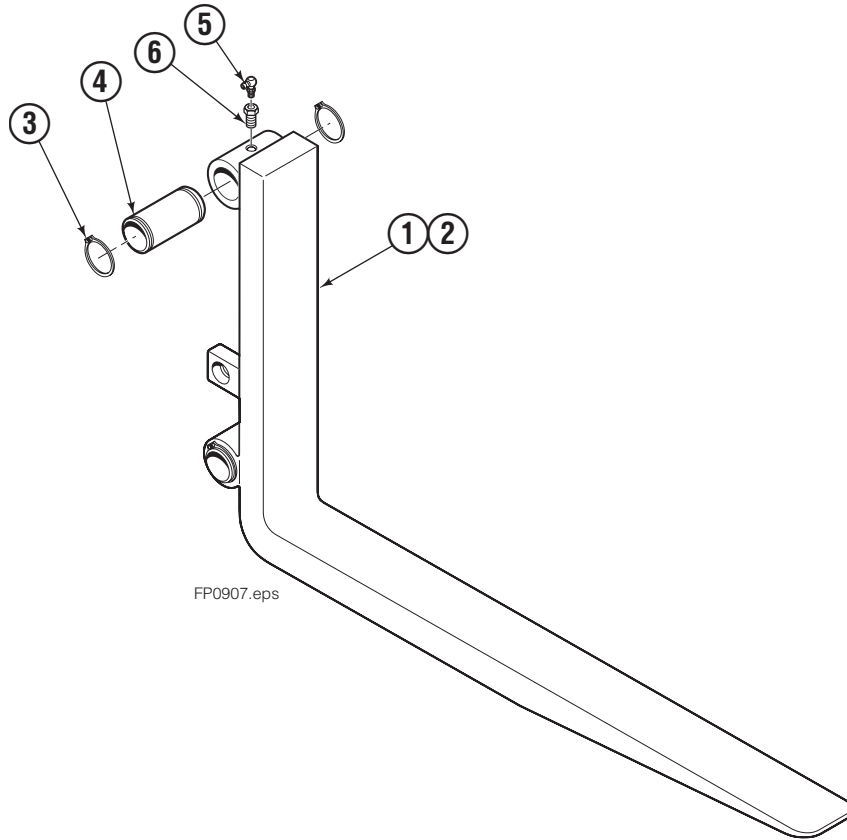
# Restrictor Fitting



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REF	QTY	PART NO.	DESCRIPTION
		617487	Restrictor Assembly
1	1	617486	Tee
2	1	2698	O-Ring
3	1	11100	Setscrew
4	1	11099	Cap
5	1	5715	Jam Nut
6	1	2840	O-Ring

# Fork Group

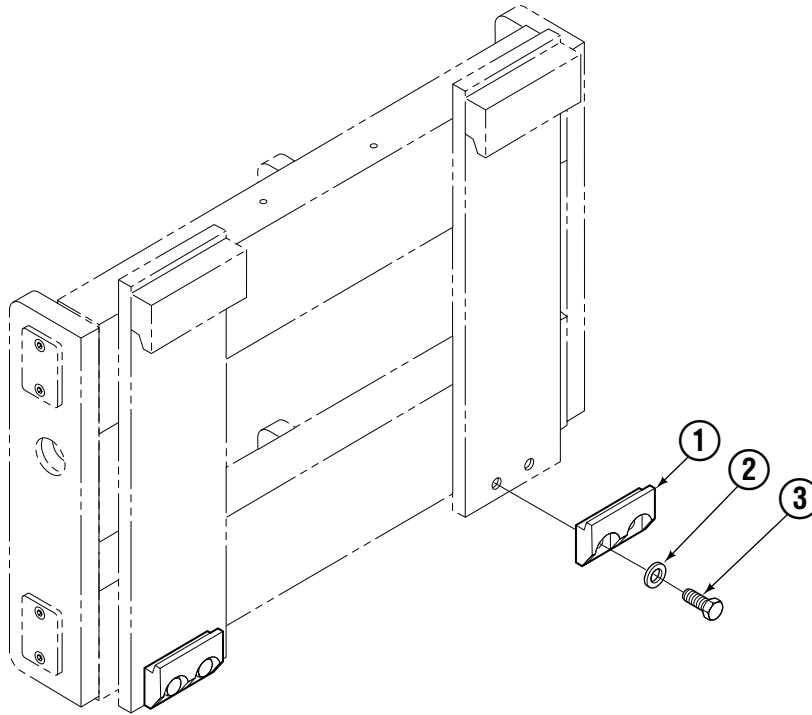


120C			
REF	QTY	PART NO.	DESCRIPTION
		214463	Fork Group, 48 in.
1	1	840211	Fork – LH
2	1	840206	Fork – RH
3	8	7223	Retaining Ring
4	4	828468	Bushing
5	1	7412	◆ Grease Fitting
6	1	844135	◆ Adapter
	4	828471	Lube Fitting

◆ Included in Lube Fitting 828471.

Reference: S-8622, S-8625.

# Bolt-On Mounting Group Class IV



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120C/150C			
REF	QTY	PART NO.	DESCRIPTION
		384234	Mounting Group
1	2	679832	Lower Hook
2	4	670692	Washer, .812
3	4	768579	Capscrew, M20 x 45



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