



# Parts Manual

---

Model Integral Fork Positioner

Serial Number 150J-ISS-D200R0

---

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

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

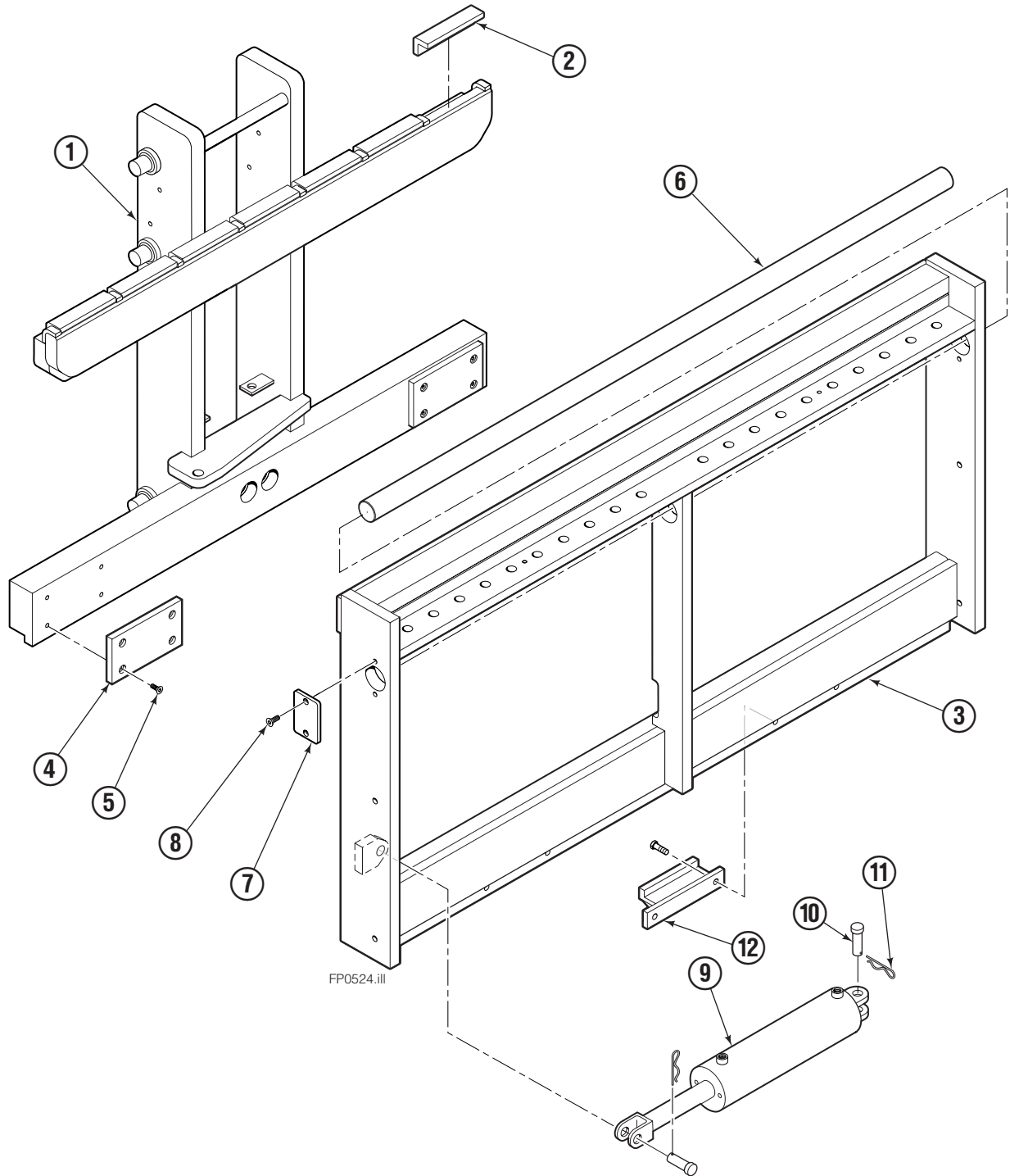
**To Order Parts call:** 888-227-2233, Fax: 888-329-0234

**OR**

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

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

# Carriage Assembly



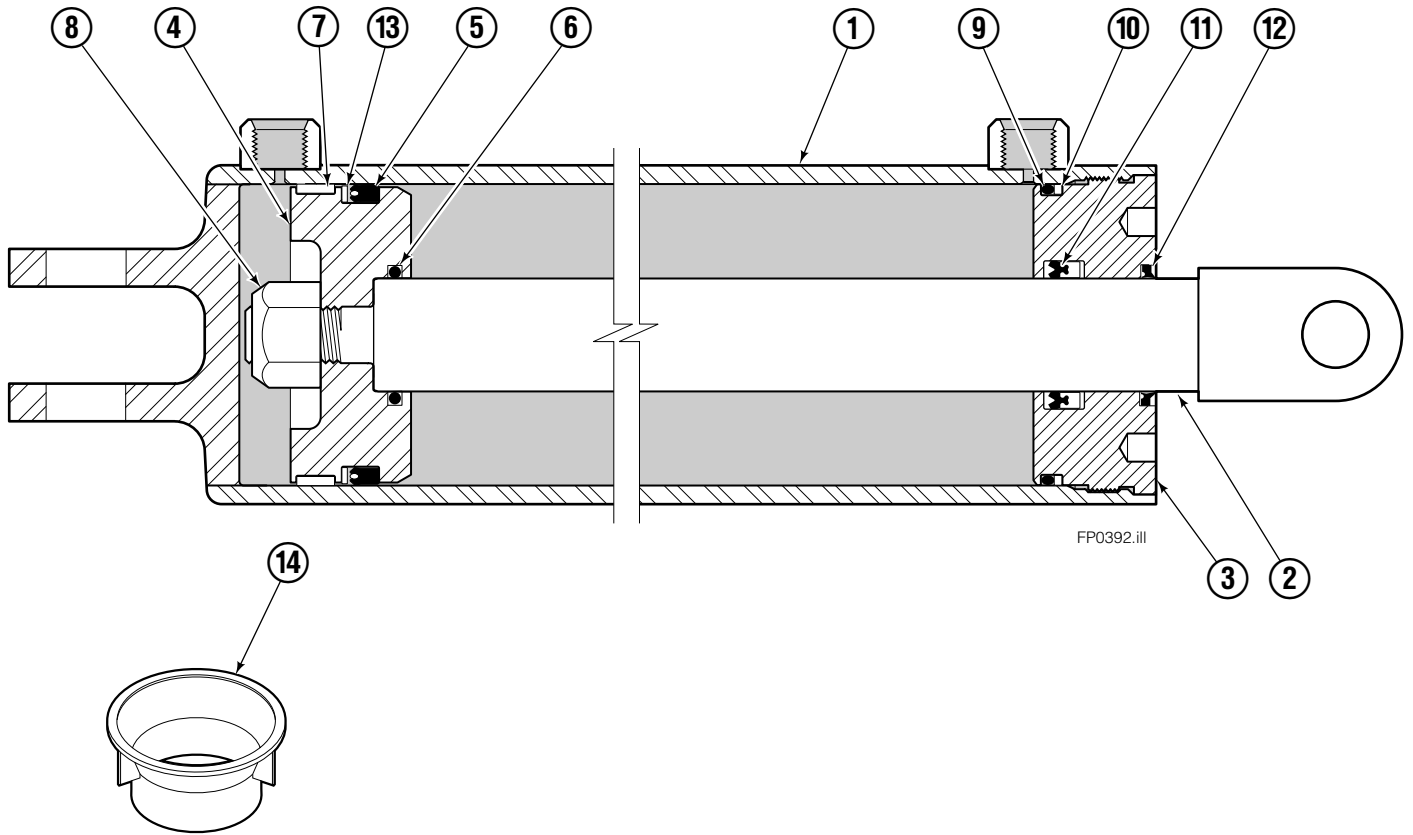
FP0524.ill

# Carriage Assembly

150J			
REF	QTY	PART NO.	DESCRIPTION
		6102783	Carriage Assembly
1	1	6100833	Carriage
2	6	3012106	Upper Bearing
3	1	6100639	Frame
4	2	3013187	Lower Bearing
5	8	766646	Capscrew, M10 x 20
6	1	6011888	Shaft
7	2	3012749	Retainer
8	4	768706	Capscrew, M12 x 35
9	2	6003547	Cylinder ◆
10	2	686215	Clevis Pin
11	2	686217	Cotter Pin
12	2	6012727	Lower Retainer
13	1	6101138	Component Group ◆
14	1	6101080	Fork Retainer Group ◆
15	1	6101143	Side Roller Kit ◆

◆ See specific page for parts breakdown.

# Sideshift Cylinder



REF	QTY	PART NO.	DESCRIPTION
		6003547	Cylinder Assembly
1	1	6003548	Shell
2	1	6003549	Rod
3	1	555207	Retainer
4	1	555226	Piston
5	1	662460	◆ Seal
6	1	2722	◆ O-Ring
7	1	660767	◆ Bearing
8	1	560997	Nut
9	1	2797	◆ O-Ring
10	1	615140	◆ Back-Up Ring
11	1	554598	◆ Seal
12	1	564930	◆ Wiper
13	2	638293	◆ Back-Up Ring
14	1	672909	Seal Loader
		555227	Service Kit

◆ Included in Service Kit 555227.

HYSTER L1307343:		
P/N	QTY	DESCRIPTION
319322	1	RH GUARD
319323	1	LH GUARD
317292	4	SPACER
18522	4	HCE - 508 CPSCR 5/16 UNC x 3 1/2
15155	4	HCE - 554 WASHER 5/16

**CASCADE CORPORATION**

THIS DRAWING IS THE PROPERTY OF CASCADE AND  
CONTAINS CONFIDENTIAL INFORMATION. DO NOT  
REPRODUCE OR USE WITHOUT WRITTEN APPROVAL

ROLLER GUARD GROUP

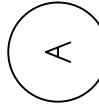
HYST 1318161/1313805

GEN - AAT

6101143	R-0
---------	-----

HYSTER L386744:		
P/N	QTY	DESCRIPTION
1333648	6	LOAD ROLLER
126765	AR	SHIM
187489	6	SNAP RING - EXT
1307395	2	CHAIN ANCHOR PIN
15222	2	HCE-561 PIN .125 x .750 IN
358305	2	CHAIN ANCHOR
122400	4	SNAP RING - EXT
366116	2	SPACER

HYSTER CHAIN ANCHOR PIN:		
P/N	QTY	DESCRIPTION
1330780	2	PIN DOUBLE SNAP RING



**CASCADE CORPORATION**

THIS DRAWING IS THE PROPERTY OF CASCADE AND CONTAINS CONFIDENTIAL INFORMATION. DO NOT REPRODUCE OR USE WITHOUT WRITTEN APPROVAL

COMPONENT GROUP

HYST 1318161

GEN-AAT

6101138	R-1
---------	-----

- 1) 6101697- PIN ASSEMBLY QTY(2)
- 2) 683820- CPSCR M10 X 1.5 X 16 QTY(2)
- 3) 201570- WASHER 10 X 21 QTY(2)

**CASCADE CORPORATION**

THIS DRAWING IS THE PROPERTY OF CASCADE AND  
CONTAINS CONFIDENTIAL INFORMATION. DO NOT  
REPRODUCE OR USE WITHOUT WRITTEN APPROVAL

FORK RETAINER GRP.

HYSTER INTEGRAL S/S

GENE - FPG

6101080 R-0

**Do you have questions you need answered right now?** Call your nearest Cascade Parts Department. Visit us online at [www.cascorp.com](http://www.cascorp.com)

**Cascade Corporation**  
2501 Sheridan Avenue  
Springfield, OH 45505  
Tel: 888-CASCADE (227-2233)  
FAX: 888-329-0234

**Cascade Canada Inc.**  
5570 Timberlea Blvd.  
Mississauga, Ontario  
Canada L4W-4M6  
Tel: 905-629-7777  
FAX: 905-629-7785

**Cascade GmbH**  
D-41199 Monchengladbach  
Klosterhofweg 52  
Germany  
Tel: 49-216-668230  
FAX: 49-216-6682323

**Cascade Finland**  
Albert Petreliuksenkatu 3  
01370 Vantaa  
Finland  
Tel: 358-9-836-1925  
FAX: 358-9-836-1935

**Cascade N.V.  
European Headquarters**  
P.O. Box 3009  
1300 El Almere  
Damsluisweg 56  
1332 ED Almere  
The Netherlands  
Tel: 31-36-5492911  
FAX: 31-36-5492964

**Cascade N.V.  
Benelux Sales and Service**  
P.O. Box 3009  
1300 El Almere  
Damsluisweg 56  
1332 ED Almere  
The Netherlands  
Tel: 31-36-5492950  
FAX: 31-36-5492974

**Cascade (UK) Ltd.**  
15, Orgreave Crescent  
Dore House Industrial Estate  
Handsworth  
Sheffield S13 9NQ  
England  
Tel: 742-697524  
FAX: 742-695121

**Cascade Scandinavia AB**  
Box 124  
Hammarvägen 10  
567 23 Vaggeryd  
Sweden  
Tel: 42-0-393-36950  
FAX: 46-0-393-36959

**Cascade Norway**  
Østerliveien 37A  
1153 Oslo  
Norway  
Tel: 47-22-743160  
FAX: 47-22-743157

**Cascade France S.A.R.L.**  
1D Rue De Charaintru  
BP 18, 91360 Epinay-Sur-Orge  
Morangis Cedex, France  
Tel: 33-1- 64547500  
FAX: 33-1-64547501

**Cascade Hispania S.A.**  
Carrer 5 Sector C  
Zona Franca Duanera  
Poligono de la Zon Franca  
08040 Barcelona, Spain  
Office No. 256  
Tel: 93-264-07-30  
FAX: 93-264-07-31

**Cascade Japan Ltd.**  
5-5-41,  
Torikai Kami  
Settsu, Osaka  
Japan, 566  
Tel: 81-726-53-3490  
FAX: 81-726-53-3497

**Cascade Korea**  
108B, Namdong Ind Complex  
658-3 Gojan-Dong  
Namdong-Gu  
Inchon, 405-310 Korea  
Tel: 82-32-821-2051  
FAX: 82-32-821-2055

**Cascade Australia**  
1445 Ipswich Road  
Rocklea, QLD 4106  
Australia  
Tel: 1-800227-223  
FAX: (07) 3373-7333

**Cascade New Zealand**  
15 Ra Ora Drive  
East Tamaki, Auckland  
New Zealand  
Tel: 9-273-9136  
FAX: 9-273-9137

**Cascade (Africa) Pty. Ltd.**  
P.O. Box 625, Isando 1600  
60A Steel Road  
Sparton, Kempton Park  
South Africa  
Tel: 27-11-975-9240  
FAX: 27-11-394-1147

**Cascade-Xiamen**  
No. 668 Yangguang Rd.  
Xinyang Industrial Zone  
Haicang, Xiamen City  
Fujian Province  
P.R. China 361026  
Tel: 86-592-651-2500  
FAX: 86-592-651-2571

**Cascade (Singapore)  
Trading Co.**  
Four Seasons Park  
Autumn Block - Apt. 1802  
12 Cuscaden Walk  
Singapore  
Tel: 65-834-1935  
FAX: 65-834-1936

