



MANITOU NORTH AMERICA, INC.

6401 IMPERIAL DRIVE
Waco, TX 76712-6803

***NOTE:** Manitou Forklift Manuals are continually updated and subject to change without prior notice. If your Forklift Mast Model or parts are not found in this manual, please contact your dealer or the Manitou North America Parts Department for the latest information and parts availability.*

805323 SERIES

2-STAGE MAST

PARTS MANUAL

For Parts Orders contact your Manitou North America Dealer or call:
Manitou North America, Parts Dept. 800-425-3727 or (254) 799-0232
Parts Dept. Fax: (254) 867-6504 Website: www.manitou-na.com

GENERAL INFORMATION

The purpose of this Parts Manual is to provide illustrations for identifying and ordering Mast components/parts. Because of the multitude of Mast Models and components utilized, the illustrations provide a general description and therefore may not show the *exact* shape or detail of the components/parts represented.

The Mast parts are identified by an Item Number on the illustration or picture page. Find the Item Number for the part desired, then locate that Item Number under the "Items" column following the illustration. The Part Number will be located directly to the right of the Item Number. Also provided is a part Description, Quantity of parts required and the mast Model number.

Most important when ordering parts, is providing the correct serial number assigned to the mast at the factory. Keep accurate records of all modifications or improvements made to the mast after manufacture. (All Mast modifications must be authorized by Manitou North America, Inc.) Notify the Parts Dept. of any changes that may affect your parts order.

When ordering Mast parts or requesting technical information, the following numbers are required:

Mast Model Number: _____

Mast Serial Number: _____

For quick reference it is recommended these numbers be recorded as soon as possible.

The Mast Model Number is stamped on the Identification Plate located on the right side of the Outer Rail, at or above eye level.

MAST MODEL NUMBER DESCRIPTION (SAMPLE)

PART NO. OF MAST

PART NO. OF OPTIONAL EQUIPMENT

805069-04

805154

805070-2

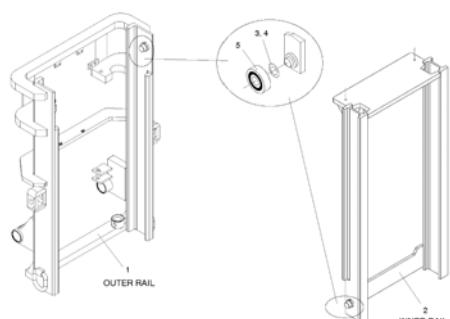
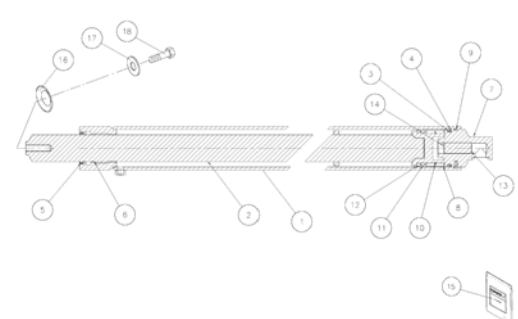
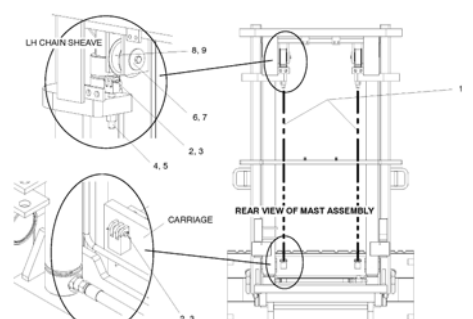
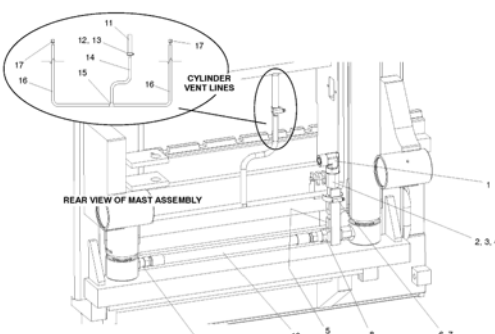
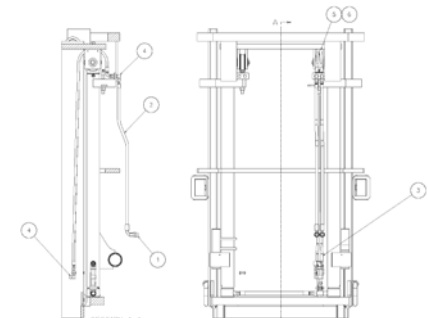
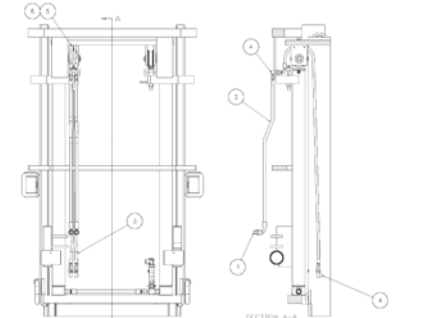
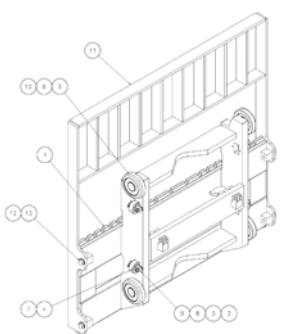
PART NO. OF CARRIAGE

NOTE: Additional information can be found stamped on the Mast Assembly, such as:

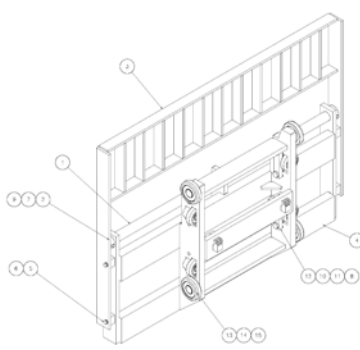
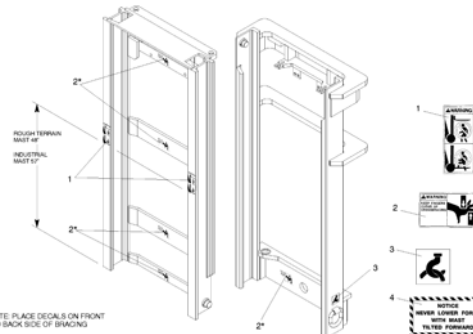
- 1.) Individual Rail Assemblies; check the top end of the Rail Assembly for the stamped part no..
- 2.) Carriage Assembly; check either end of the face bars for the stamped part no. and model no..
- 3.) Cylinder Assemblies; check along the upper portion of the barrel for the stamped part no..

This information may be required if your parts book is out-dated or incomplete.

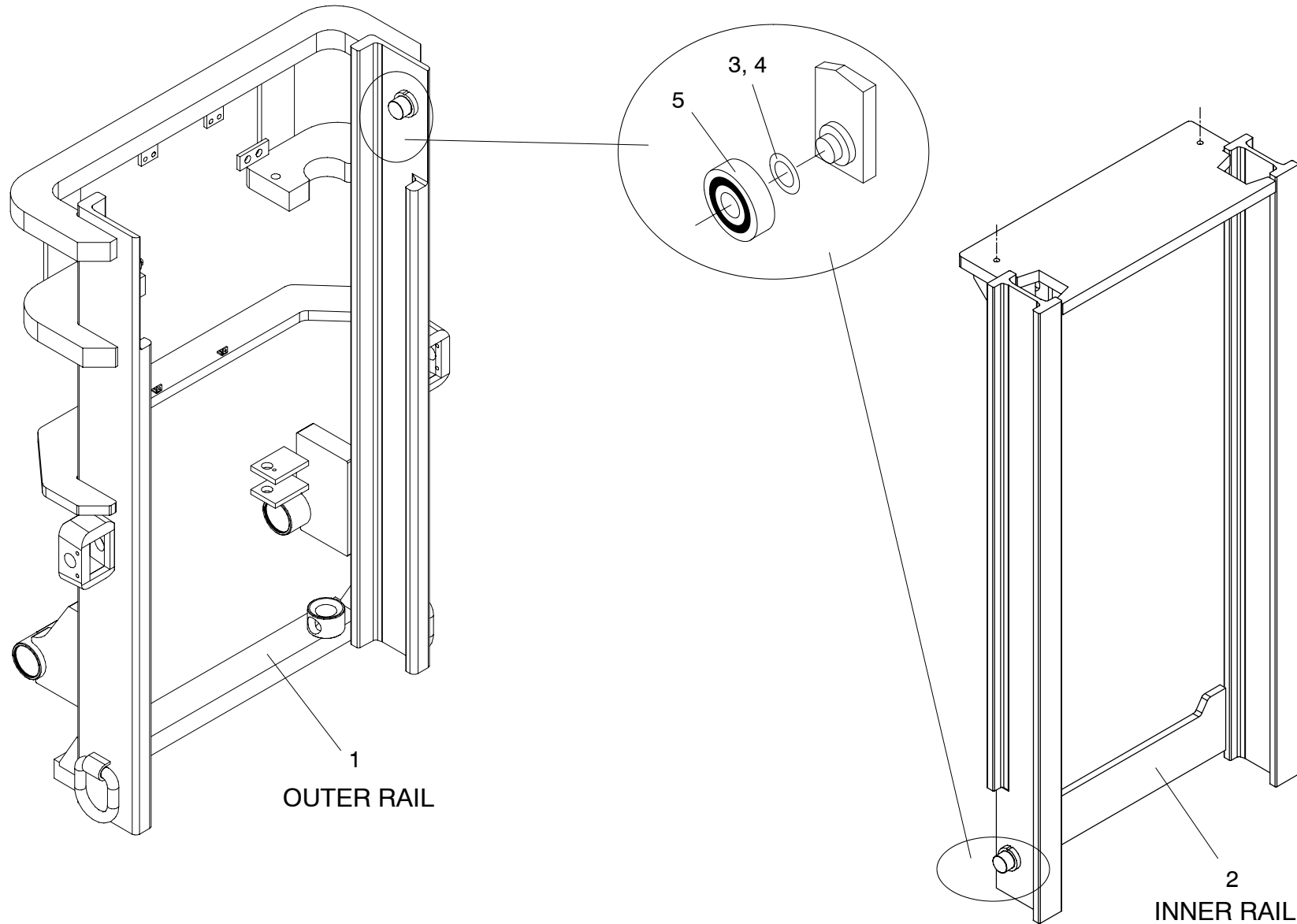
INDEX

		
<p>RAIL SYSTEM 1.00</p>	<p>LIFT CYLINDER 2.00</p>	<p>CHAIN SYSTEM 3.00</p>
		
<p>HYDRAULIC SYSTEM 4.00</p>	<p>HOSE KIT, RH 5.00</p>	<p>HOSE KIT, LH 6.00</p>
		
<p>CARRIAGE, ITA TYPE 7.00</p>		

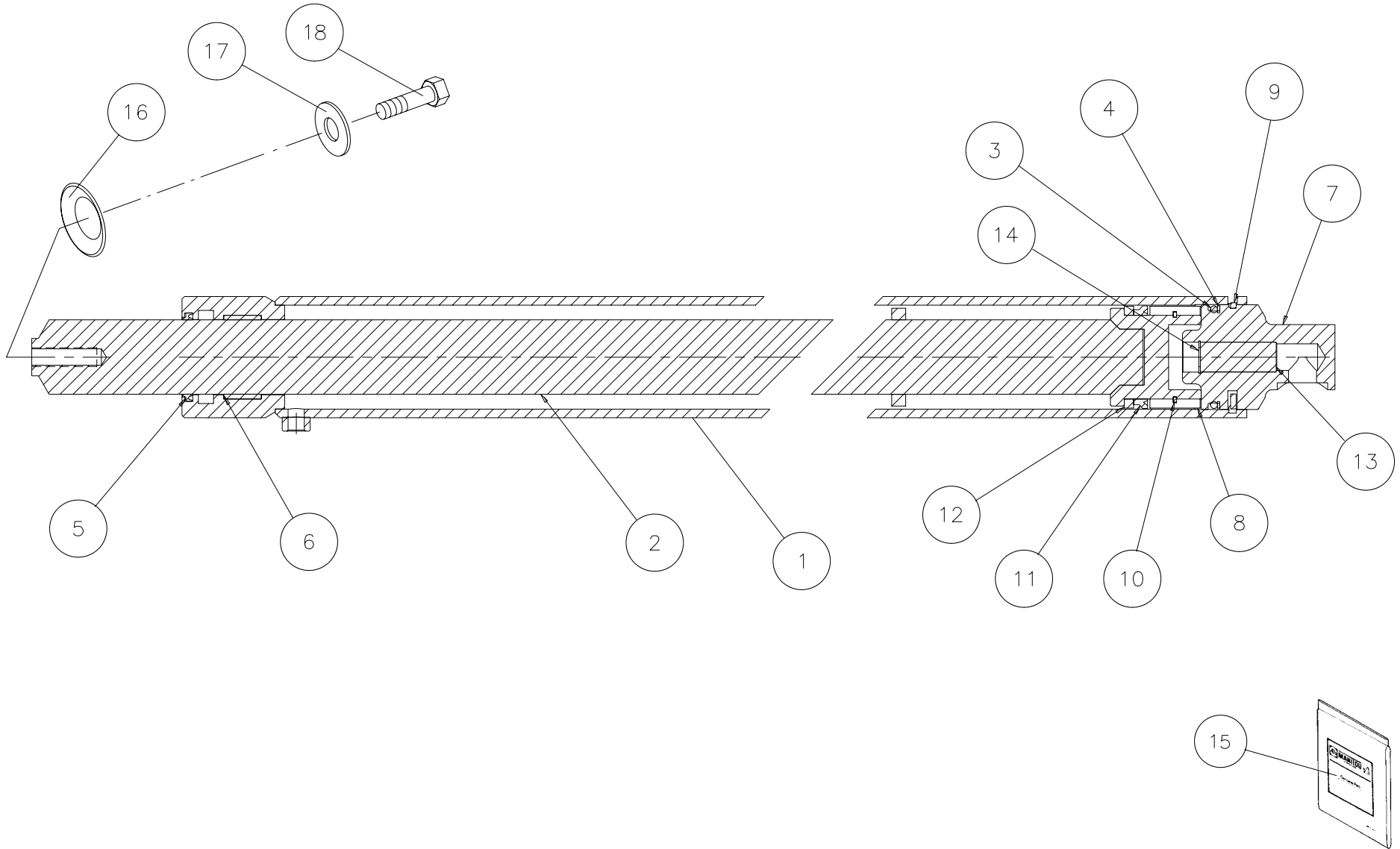
INDEX

	<p>Non-Side Shifting Integral Fork Positioner 96" wide (Includes 60" Pin Forks & Load Backrest)</p> <p>PARTS LIST:</p> <ul style="list-style-type: none"> 1 - 806868 CASCADE FORK POSITIONER, INTEGRAL, 96 IN., NON S/S, 10K, W/LBR, W/60 IN. FORKS 8 - K45770 BOLT, 3/4 x 2 4 - R13188 SHIM 4 - R13189 SHIM 4 - R13495-4 ROLLER AS. 4 - R2 BEARING, GUIDE 4 - R22 SHIM 4 - R426 SHIM <p>FOR FORK POSITIONER SERVICE PARTS CONTACT MFR. -- SEE ID PLATE ON FORK POSITIONER --</p>	 <p>*NOTE: PLACE DECAL S ON FRONT AND BACK SIDE OF BRACING</p>
<p>CARRIAGE, SHAFT TYPE</p>	<p>8.00 806867 - FORK POSITIONER, 96 IN.</p>	<p>9.00 DECALS 10.00</p>

RAIL SYSTEM



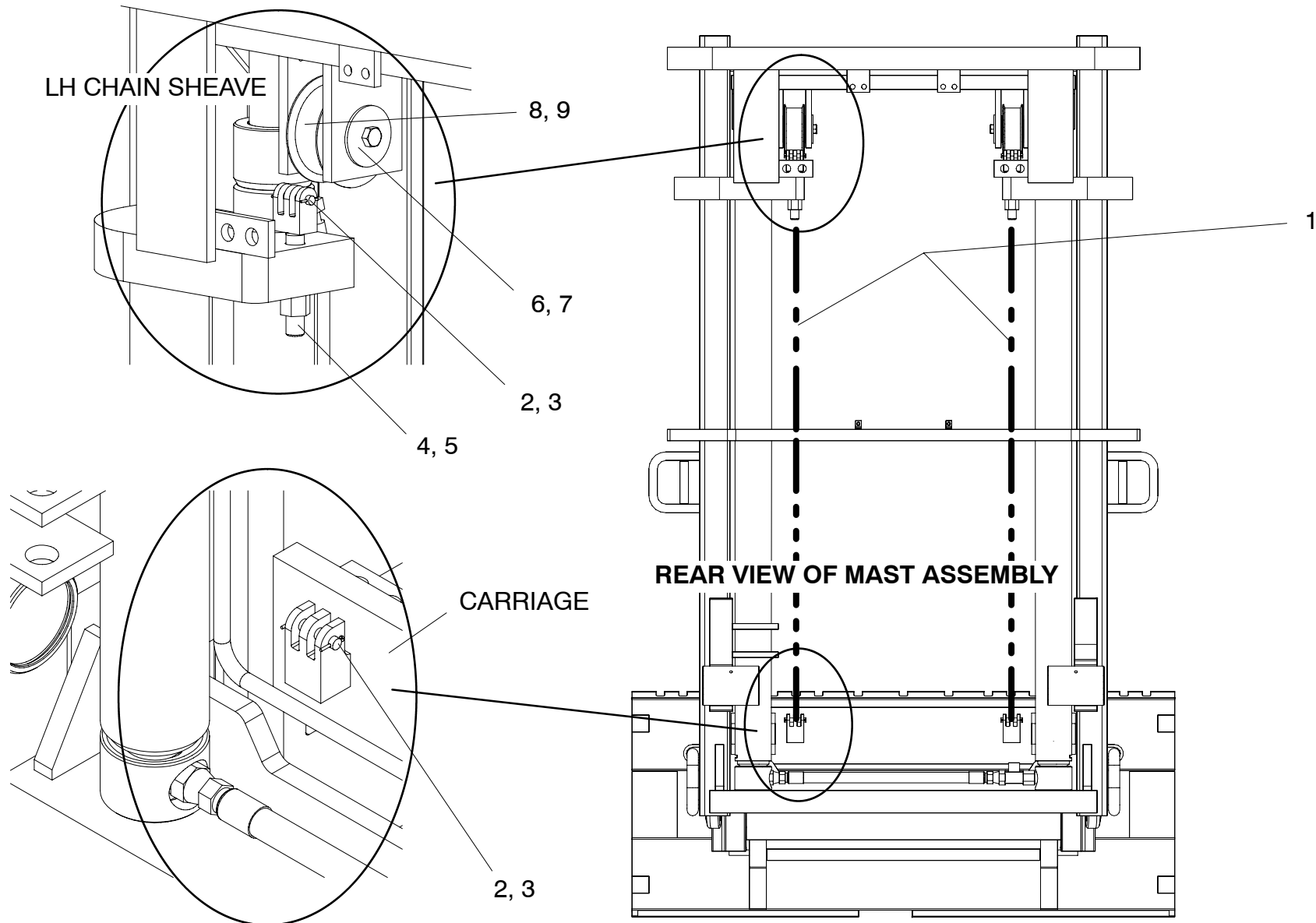
LIFT CYLINDER ASSEMBLY



			QTY/MODEL											
1/1			LIFT CYLINDER ASSEMBLY											
ITEM	PART NO.	DESCRIPTION	1	2	3	4	5	6	7	8	9	10	11	12
	805335-4	Cylinder, complete			2									
	805335-5	Cylinder, complete				2								
	805335-6	Cylinder, complete					2							
	805335-7	Cylinder, complete						2						
1	804797-4	Barrel assembly			1									
1	804797-5	Barrel assembly				1								
1	804797-6	Barrel assembly					1							
1	804797-7	Barrel assembly						1						
2	805336-4	Rod assembly			1									
2	805336-5	Rod assembly				1								
2	805336-6	Rod assembly					1							
2	805336-7	Rod assembly						1						
3	K332	O-ring			1	1	1	1						
4	K8-332	Backup ring			1	1	1	1						
5	M0000193-02000	Wiper			1	1	1	1						
6	M0000192-361000	Wear ring			1	1	1	1						
7	805623	Base plug			1	1	1	1						
8	R18362	Wear ring			1	1	1	1						
9	R2211-8	Lock wire			1	1	1	1						
10	R7514	Ring, snap			1	1	1	1						
11	R7523	Seal			1	1	1	1						
12	R7524	Ring modular			1	1	1	1						
13	R5683	Flow regulator			1	1	1	1						
14	K97612	Snap ring			1	1	1	1						
15	805335K	Seal kit (Items 3, 4, 8 & 9)			1	1	1	1						
16	R12711	Washer, coned			1	1	1	1						
17	K34809	Washer			1	1	1	1						
18	K20548	Bolt			1	1	1	1						

2.00

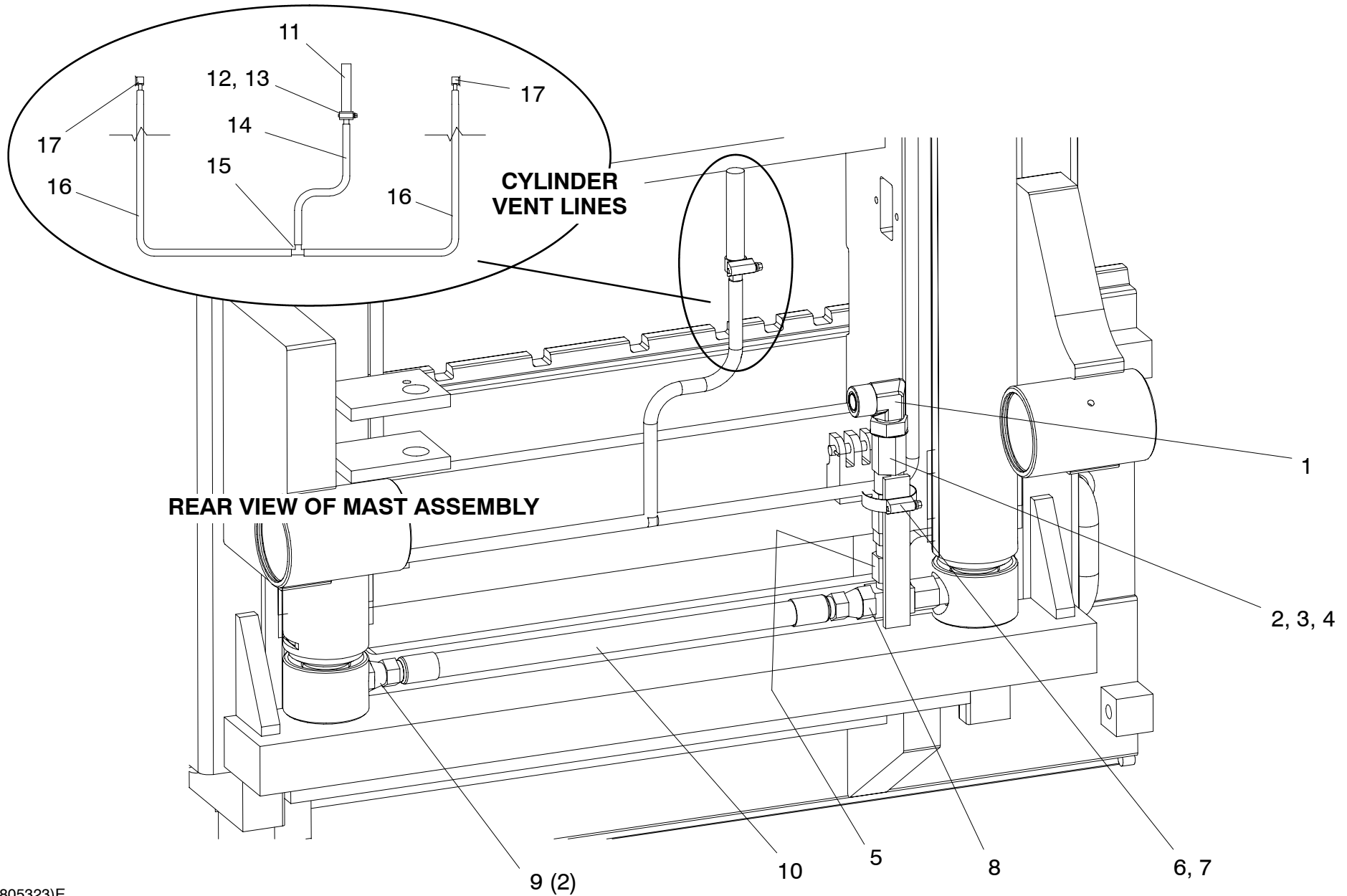
CHAIN SYSTEM



			QTY/MODEL											
1/1 CHAIN SYSTEM			1. 805323-02						5. 805323-06					
			2. 805323-03						6. 805323-07					
			3. 805323-04						4. 805323-05					
ITEM	PART NO.	DESCRIPTION	1	2	3	4	5	6	7	8	9	10	11	12
1	R9481-16	Chain			2									
1	R9481-26	Chain				2								
1	R9481-35	Chain					2							
1	R9481-37	Chain						2						
2	R189-3	Chain pin			4	4	4	4						
3	K72016	Pin, cotter			8	8	8	8						
4	R9484-4	Chain anchor			2	2	2	2						
5	R32	Nut			2	2	2	2						
6	M0000057	Washer			2	2	2	2						
7	K20432	Bolt			2	2	2	2						
8	805344	Shaft			2	2	2	2						
9	R186	Chain sheave			2	2	2	2						

3.00

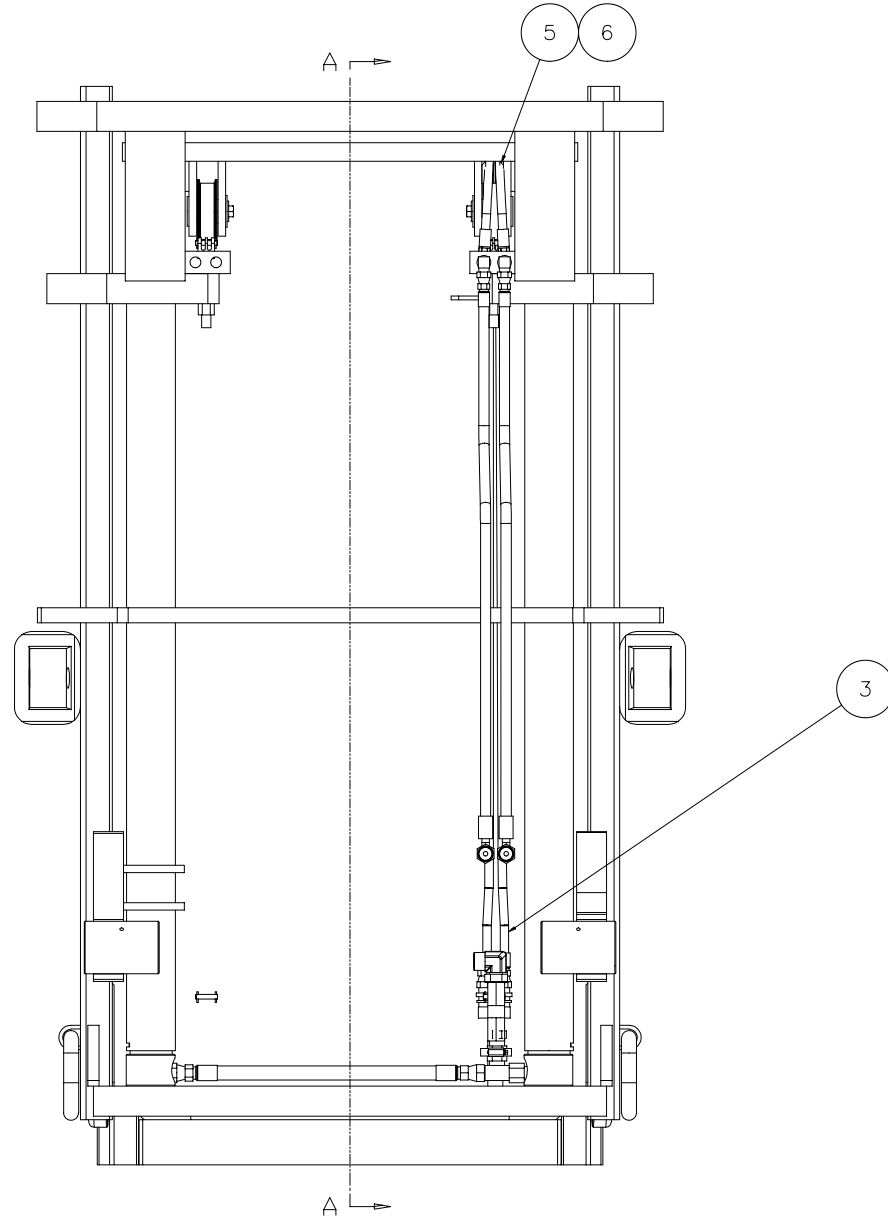
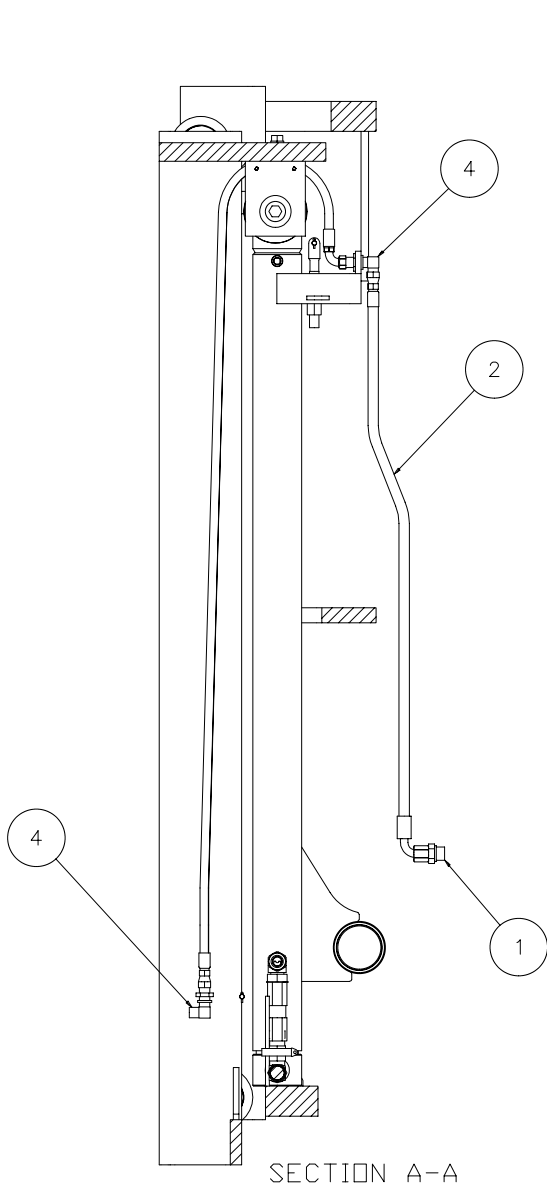
HYDRAULIC SYSTEM



ITEM	PART NO.	DESCRIPTION	QTY/MODEL														
			1	2	3	4	5	6	7	8	9	10	11	12			
1	R19452-1	Elbow				1	1	1	1								
2	R5003	Body				1	1	1	1								
3	R5217	Flow regulator				1	1	1	1								
4	K97612	Snap ring				2	2	2	2								
5	805622	Connector				1	1	1	1								
6	B2236-8	Hose clamp				1	1	1	1								
7	R12734-9	Plate (welding certification required)				1	1	1	1								
8	805276	Tee				1	1	1	1								
9	R19587	Connector				2	2	2	2								
10	805620	Hose assembly				1	1	1	1								
11	B760-1428	Hose x 25.5 in.				1	1	1	1								
12	805356	Reducer				1	1	1	1								
13	B2236-1	Hose clamp				1	1	1	1								
14	M0000258	Hose				1	1	1	1								
15	M0000097	Tee				1	1	1	1								
16	805354-4	Hose				2	2	2	2								
16	805354-5	Hose				2	2	2	2								
16	805354-6	Hose				2	2	2	2								
16	805354-7	Hose				2	2	2	2								
17	M0000098	Elbow				2	2	2	2								

4.00

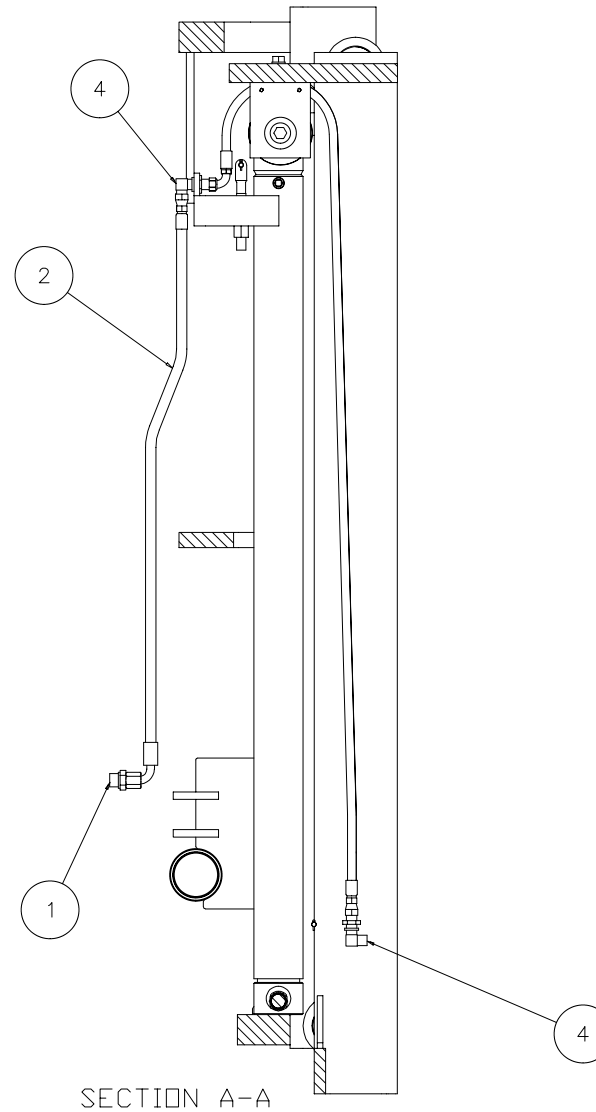
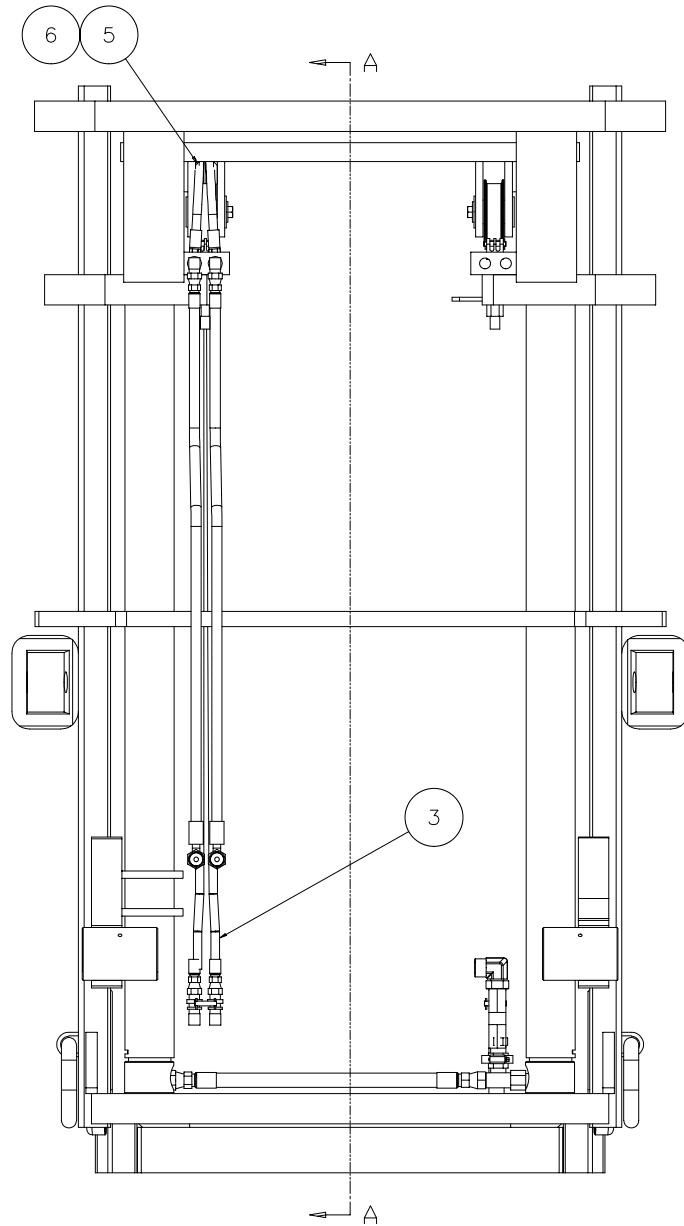
HOSE KIT, RH



			QTY/MODEL											
1/1			HOSE KIT, RH											
			1. 805323-02						4. 805323-05					
			2. 805323-03						5. 805323-06					
			3. 805323-04						6. 805323-07					
ITEM	PART NO.	DESCRIPTION	1	2	3	4	5	6	7	8	9	10	11	12
	806026-04	Hose kit, RH complete			1									
	806026-05	Hose kit, RH complete				1								
	806026-06	Hose kit, RH complete					1							
	806026-07	Hose kit, RH complete						1						
1	803026	Connector			2	2	2	2						
2	805322-4	Hose assembly			2									
2	805322-5	Hose assembly				2								
2	805322-6	Hose assembly					2							
2	805322-7	Hose assembly						2						
3	805844-4	Hose assembly			1									
3	805844-5	Hose assembly				1								
3	805844-6	Hose assembly					1							
3	805844-7	Hose assembly						1						
4	M0000075	Elbow, bulkhead			4	4	4	4						
5	806318	Guide			2	2	2	2						
6	61975	Screw, M4			4	4	4	4						

5.00

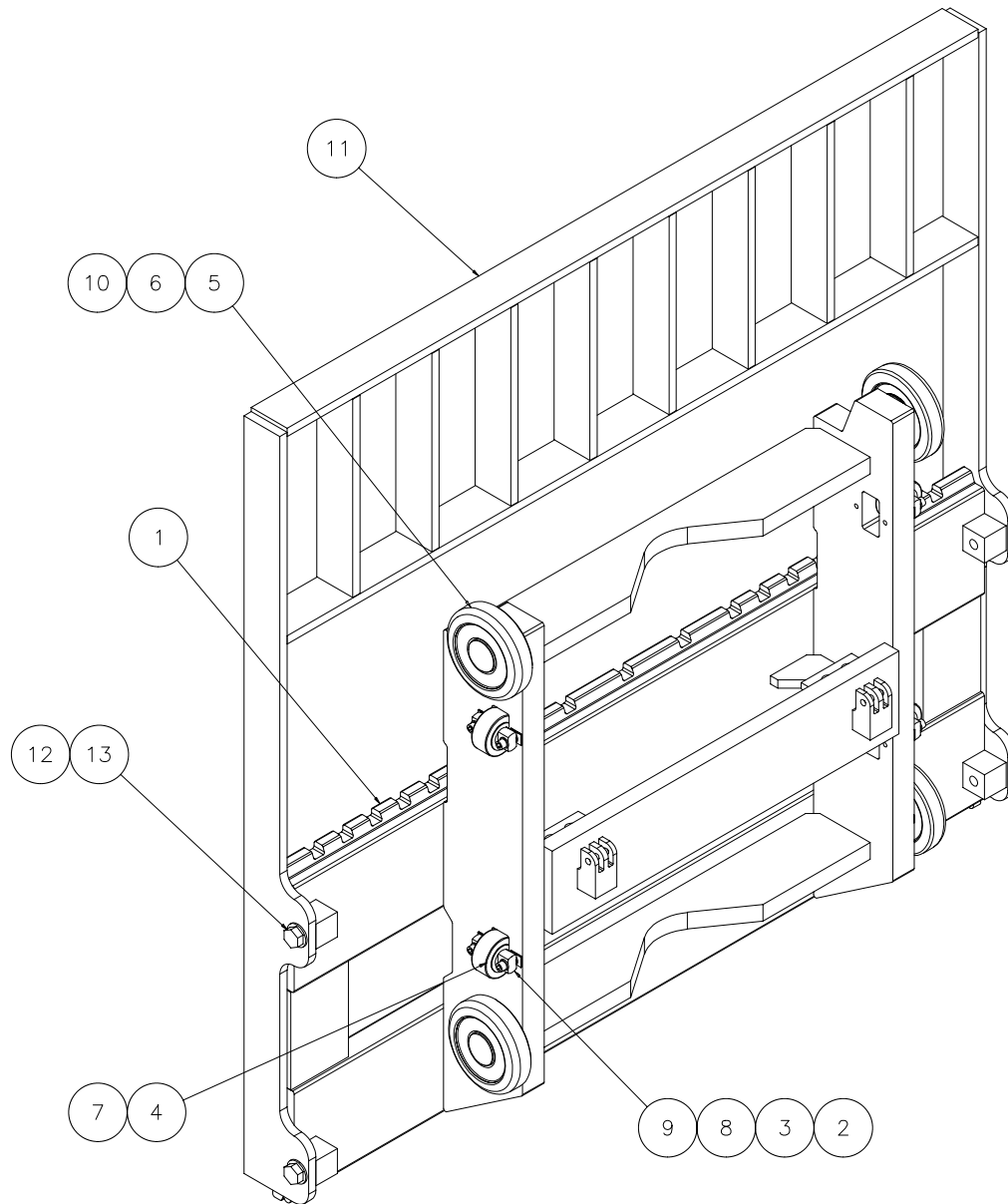
HOSE KIT, LH



			QTY/MODEL											
1/1			HOSE KIT, LH											
			1. 805323-02						4. 805323-05					
			2. 805323-03						5. 805323-06					
			3. 805323-04						6. 805323-07					
ITEM	PART NO.	DESCRIPTION	1	2	3	4	5	6	7	8	9	10	11	12
	806027-04	Hose kit, RH complete			1									
	806027-05	Hose kit, RH complete				1								
	806027-06	Hose kit, RH complete					1							
	806027-07	Hose kit, RH complete						1						
1	803026	Connector			2	2	2	2						
2	805322-5	Hose assembly			2									
2	805322-6	Hose assembly				2								
2	805322-8	Hose assembly					2							
2	805322-9	Hose assembly						2						
3	805844-4	Hose assembly			1									
3	805844-5	Hose assembly				1								
3	805844-6	Hose assembly					1							
3	805844-7	Hose assembly						1						
4	M0000075	Elbow, bulkhead			4	4	4	4						
5	806318	Guide			2	2	2	2						
6	61975	Screw, M4			4	4	4	4						

6.00

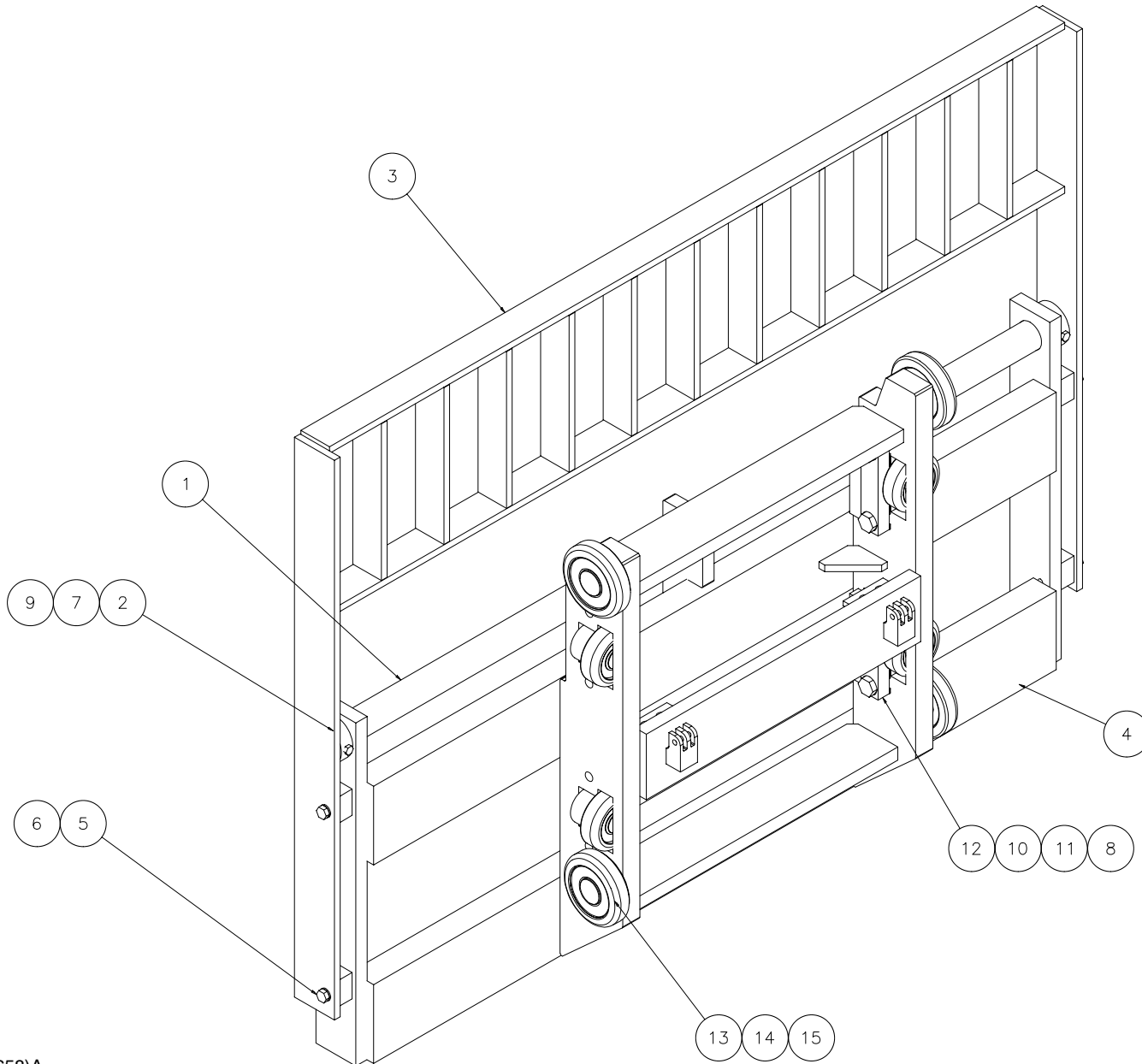
CARRIAGE, ITA TYPE



			QTY/MODEL											
1/1			CARRIAGE, ITA TYPE						1. 805323-02 2. 805323-03 3. 805323-04 4. 805323-05 5. 805323-06 6. 805323-07					
ITEM	PART NO.	DESCRIPTION	1	2	3	4	5	6	7	8	9	10	11	12
	805341-48	Carriage assembly, ITA type, 48 in. complete	1	1	1	1	1	1						
	805341-60	Carriage assembly, ITA type, 60 in. complete	1	1	1	1	1	1						
	805341-72	Carriage assembly, ITA type, 72 in. complete	1	1	1	1	1	1						
1	805330-48	Carriage assembly	1	1	1	1	1	1						
1	805330-60	Carriage assembly	1	1	1	1	1	1						
1	805330-72	Carriage assembly	1	1	1	1	1	1						
2	K302257	Screw	8	8	8	8	8	8						
3	K34806	Washer	16	16	16	16	16	16						
4	R19745	Roller assembly	4	4	4	4	4	4						
5	R2	Bearing	4	4	4	4	4	4						
6	R22	Shim	4	4	4	4	4	4						
7	R2393	Washer, thrust	8	8	8	8	8	8						
8	R2394	Shim	24	24	24	24	24	24						
9	R4098	Shaft	4	4	4	4	4	4						
10	R426	Shim	4	4	4	4	4	4						
11	805435-48	LBR	1	1	1	1	1	1						
11	805435-60	LBR	1	1	1	1	1	1						
11	805435-72	LBR	1	1	1	1	1	1						
12	K44742	Washer			4	4	4	4						
13	K45754	Bolt			4	4	4	4						

7.00

CARRIAGE, SHAFT TYPE



			QTY/MODEL											
1/1			CARRIAGE, SHAFT TYPE											
			1. 805323-2						5. 805323-6					
			2. 805323-3						6. 805323-7					
			3. 805323-4											
			4. 805323-5											
ITEM	PART NO.	DESCRIPTION	1	2	3	4	5	6	7	8	9	10	11	12
	805658-48	Carriage assembly, shaft type, 48 in. complete	1	1	1	1	1	1						
	805658-60	Carriage assembly, shaft type, 60 in. complete	1	1	1	1	1	1						
	805658-72	Carriage assembly, shaft type, 72 in. complete	1	1	1	1	1	1						
	805658-84	Carriage assembly, shaft type, 84 in. complete	1	1	1	1	1	1						
1	496034-48	Implement bar, 48 in.	1	1	1	1	1	1						
1	496034-60	Implement bar, 60 in.	1	1	1	1	1	1						
1	496034-72	Implement bar, 72 in.	1	1	1	1	1	1						
1	496034-84	Implement bar, 84 in.	1	1	1	1	1	1						
2	496036	Boss, implement	2	2	2	2	2	2						
3	805509-48	LBR assembly, 48 in.	1	1	1	1	1	1						
3	805509-60	LBR assembly, 60 in.	1	1	1	1	1	1						
3	805509-72	LBR assembly, 72 in.	1	1	1	1	1	1						
3	805509-84	LBR assembly, 84 in.	1	1	1	1	1	1						
4	805656-48	Carriage assembly, 48 in.	1	1	1	1	1	1						
4	805656-60	Carriage assembly, 60 in.	1	1	1	1	1	1						
4	805656-72	Carriage assembly, 72 in.	1	1	1	1	1	1						
4	805656-84	Carriage assembly, 84 in.	1	1	1	1	1	1						
5	K20552	Bolt	4	4	4	4	4	4						
6	K34809	Washer	4	4	4	4	4	4						
7	K45548	Bolt	2	2	2	2	2	2						
8	K45770	Bolt	8	8	8	8	8	8						
9	K55748	Nut	2	2	2	2	2	2						
10	R13188	Shim (0.03 in)	4	4	4	4	4	4						
11	R13189	Shim (0.06 in)	4	4	4	4	4	4						
12	R13495-4	Roller assembly	4	4	4	4	4	4						
13	R2	Bearing, guide	4	4	4	4	4	4						
14	R22	Shim (0.015 in)	4	4	4	4	4	4						
15	R426	Shim (0.06 in)	4	4	4	4	4	4						

8.00

806867 - FORK POSITIONER, 96 IN.

Non-Side Shifting Integral Fork Positioner 96" wide (Includes 60" Pin Forks & Load Backrest)

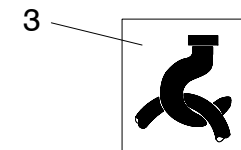
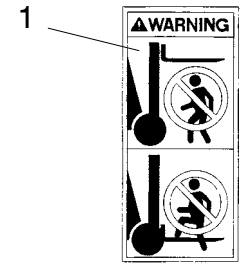
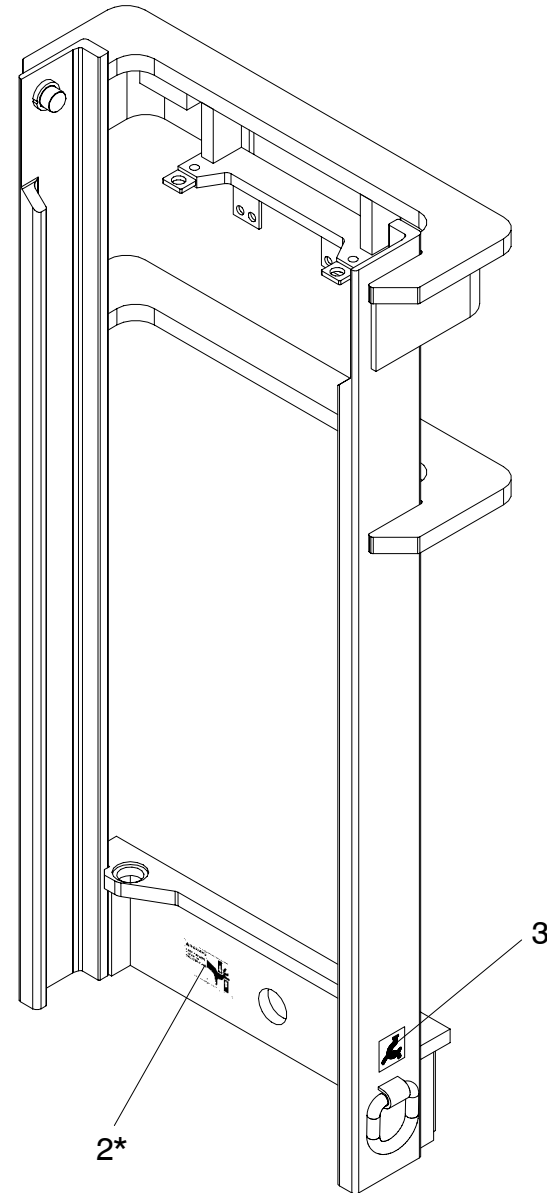
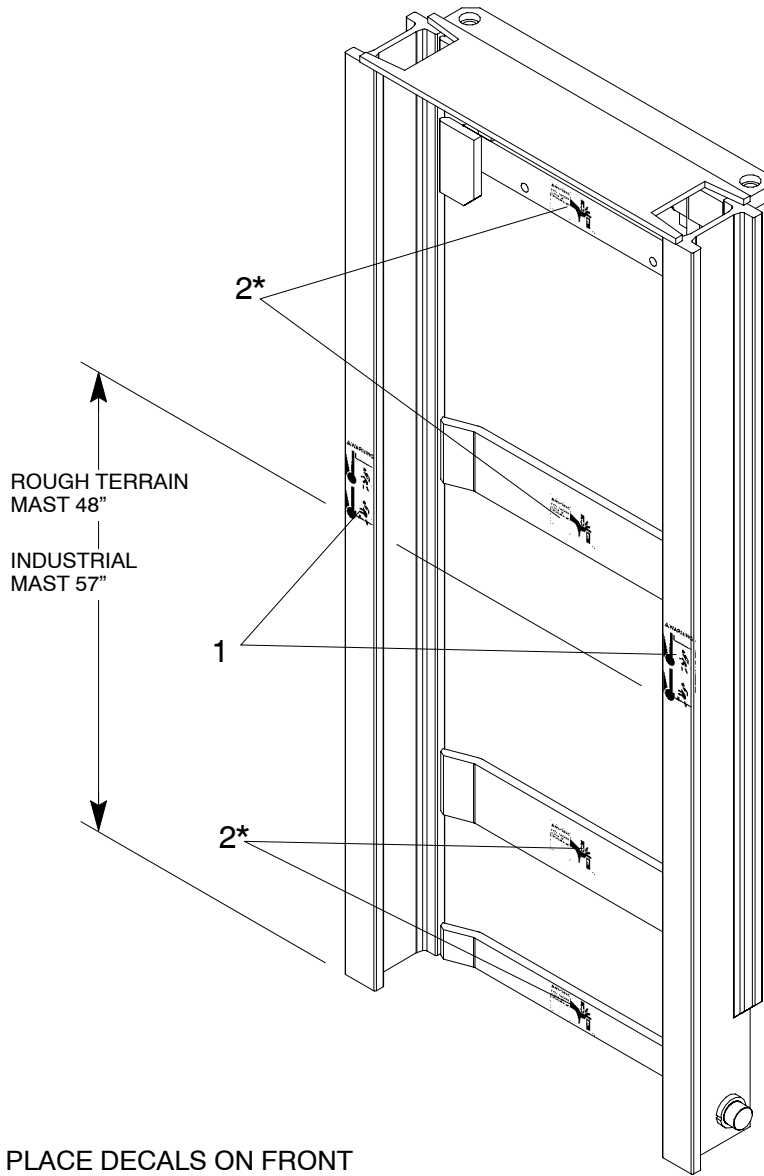
PARTS LIST:

- 1 - 806868 CASCADE FORK POSITIONER, INTEGRAL, 96 IN., NON S/S, 10K, W/LBR, W/ 60 IN. FORKS
- 8 - K45770 BOLT, 3/4 x 2
- 4 - R13188 SHIM
- 4 - R13189 SHIM
- 4 - R13495-4 ROLLER AS.
- 4 - R2 BEARING, GUIDE
- 4 - R22 SHIM
- 4 - R426 SHIM

FOR FORK POSITIONER SERVICE PARTS CONTACT MFR.

-- SEE ID PLATE ON FORK POSITIONER --

DECALS



* NOTE: PLACE DECALS ON FRONT AND BACK SIDE OF BRACING

			QTY/MODEL											
1/1			DECALS											
			2.						6.					
			3.											
			4.											
ITEM	PART NO.	DESCRIPTION	1	2	3	4	5	6	7	8	9	10	11	12
1	B6108	Decal, fork safety, 2 3/4 x 8 1/2"	A/R	A/R	A/R	A/R	A/R	A/R						
1	426641	Decal, fork safety, 2 1/4 x 5"	A/R	A/R	A/R	A/R	A/R	A/R						
2	426642	Decal, pinch point, 1 1/2 x 2 3/4"	A/R	A/R	A/R	A/R	A/R	A/R						
2	426643	Decal, pinch point, 2 1/2 x 4 1/2"	A/R	A/R	A/R	A/R	A/R	A/R						
3	24653	Decal, hook here	A/R	A/R	A/R	A/R	A/R	A/R						
4	R40	Decal, never lower forks	A/R	A/R	A/R	A/R	A/R	A/R						

PARTS INDEX: (Part no., Item no., Page No.)

CATALOG 809779 R08-06

24653, 3, 10.00-1
426641, 1, 10.00-1
426642, 2, 10.00-1
426643, 2, 10.00-1
496034-, 1, 8.00-1
496036, 2, 8.00-1
61975, 6, 5.00-1, 6.00-1
803026, 1, 5.00-1, 6.00-1
804797-, 1, 2.00-1
805076-, 1, 1.00-1
805276, 8, 4.00-1
805322-, 2, 5.00-1, 6.00-1
805324-, 2, 1.00-1
805330-, 1, 7.00-1
805335-, 2.00-1
805335K, 15, 2.00-1
805336-, 2, 2.00-1
805341-, 7.00-1
805344, 8, 4.00-1
805354-, 16, 4.00-1

805356, 12, 4.00-1
805435-, 11, 7.00-1
805509-, 3, 8.00-1
805620, 10, 4.00-1
805622, 5, 4.00-1
805623, 7, 2.00-1
805656-, 4, 8.00-1
805658-, 8.00-1
805844-, 3, 5.00-1, 6.00-1
806026-, 5.00-1
806027-, 6.00-1
806318, 5, 5.00-1, 6.00-1
B2236-1, 13, 4.00-1
B2236-8, 6, 4.00-1
B6108, 1, 10.00-1
B760-1428, 11, 4.00-1
K20432, 7, 4.00-1
K20548, 18, 2.00-1
K20552, 5, 8.00-1
K302257, 2, 7.00-1

K332, 3, 2.00-1
K34806, 3, 7.00-1
K34809
17, 2.00-1
6, 8.00-1
K44742, 12, 7.00-1
K45548, 7, 8.00-1
K45754, 13, 7.00-1
K45770, 8, 8.00-1
K55748, 9, 8.00-1
K72016, 3, 4.00-1
K8-332, 4, 2.00-1
K97612, 4, 4.00-1
M0000057, 6, 4.00-1
M0000075, 4, 5.00-1, 6.00-1
M0000097, 15, 4.00-1
M0000098, 17, 4.00-1
M0000192-361000, 6, 2.00-1
M0000193-02000, 5, 2.00-1
M0000258, 14, 4.00-1

R12711, 16, 2.00-1
R12734-9, 7, 4.00-1
R13188, 10, 8.00-1
R13189, 11, 8.00-1
R13495-4, 12, 8.00-1
R18362, 8, 2.00-1
R186, 9, 4.00-1
R189-3, 2, 4.00-1
R19452-1, 1, 4.00-1
R19587, 9, 4.00-1
R19745, 4, 7.00-1
R2
13, 8.00-1
3, 1.00-1
5, 7.00-1
R22
14, 8.00-1
4, 1.00-1
6, 7.00-1

R2211-8, 9, 2.00-1
R2393, 7, 7.00-1
R2394, 8, 7.00-1
R32, 5, 4.00-1
R40, 4, 10.00-1
R4098, 9, 7.00-1
R426
10, 7.00-1
15, 8.00-1
5, 1.00-1
R5003, 2, 4.00-1
R5217, 3, 4.00-1
R5683, 13, 2.00-1
R7514, 10, 2.00-1
R7523, 11, 2.00-1
R7524, 12, 2.00-1
R9481-, 1, 4.00-1
R9484-4, 4, 4.00-1
R97612, 14, 2.00-1