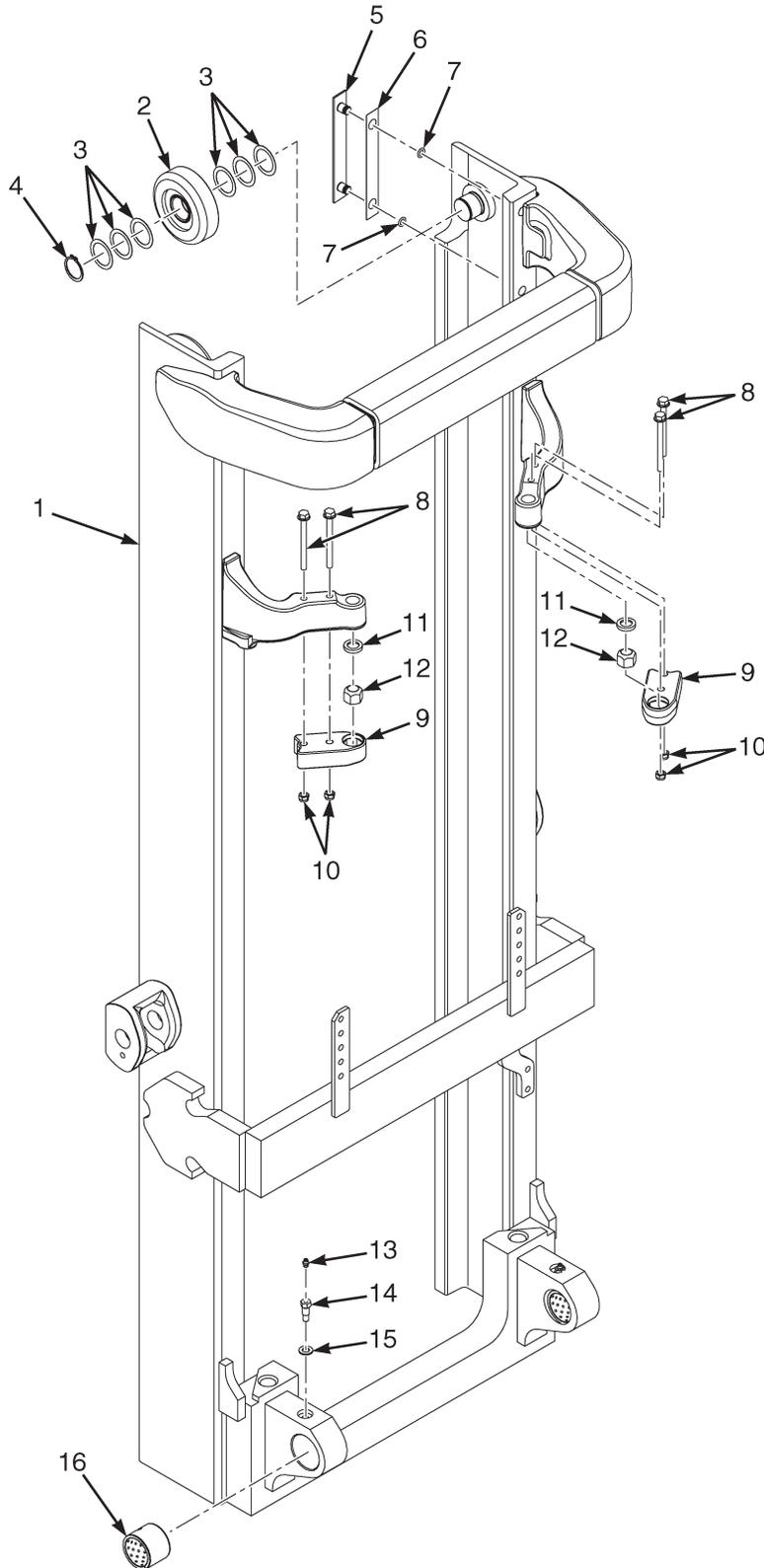


## OUTER MAST ASSEMBLY (FIGURE 12-9) THREE STAGE FULL FREE-LIFT — A397 MAST SERIES (→ 8/2017)



BP170799

**OUTER MAST ASSEMBLY**  
**THREE STAGE FULL FREE-LIFT – A397 MAST SERIES (→ 8/2017)**

**H3.0XT**

ITEM	DESCRIPTION 1 2 3 4	LIFT HEIGHT TO BOTTOM OF FORKS			
		3968 mm (156.2 in.)	4568 mm (179.8 in.)	4868 mm (191.7 in.)	5168 mm (203.5 in.)
		Mast Group Number	A397 3968	A397 4568	A397 4868
	Mast Assy	4640923	4640927	4640929	4640933
1	Outer Mast	4107507	4107510	4107513	4107515

ITEM	PART NO.	DESCRIPTION	QTY
	<b>b</b> . . . . .	Mast Assy .....	1
1	<b>b</b> . . . . .	Outer Mast .....	1
2	1333396	Load Roller ("B") (111.48/111.22) .....	2
2	<b>a</b> 1395168	Load Roller ("A") (111.10/110.84) .....	2
2	<b>a</b> 1333397	Load Roller ("C") (112.62/112.36) .....	2
3	129387	Shim (0.508 mm) .....	12
4	58901	Snap Ring .....	2
4	<b>a</b> 1374797	Snap Ring .....	2
5	215211	Wear Strip .....	2
6	131716	Shim (0.508 mm) .....	2
6	<b>a</b> 131715	Shim (0.178 mm) .....	2
7	104506	O-Ring .....	4
8	4082846	Capscrew .....	4
9	4051079	Restraint .....	2
10	1581566	Nut .....	4
11	297649	Ring .....	2
12	4031973	Nut .....	2
13	13957	Grease Fitting .....	2
13	<b>a</b> 16041	Grease Fitting .....	2
14	4033412	Capscrew , Lubed .....	2
15	1581557	Washer .....	2
16	4033414	Bushing .....	2

**FOOTNOTES:****a** Optional**b** Refer to Table



**OUTER MAST ASSEMBLY**  
**THREE STAGE FULL FREE-LIFT – A397 MAST SERIES (8/2017 →)**

**H3.0XT**

ITEM	DESCRIPTION 1 2 3 4	LIFT HEIGHT TO BOTTOM OF FORKS			
		3968 mm (156.2 in.)	4568 mm (179.8 in.)	4868 mm (191.7 in.)	5168 mm (203.5 in.)
		Mast Group Number	A397 3968	A397 4568	A397 4868
	Mast Assy	4640923	4640927	4640929	4640933
1	Outer Mast	4107507	4107510	4107513	4107515

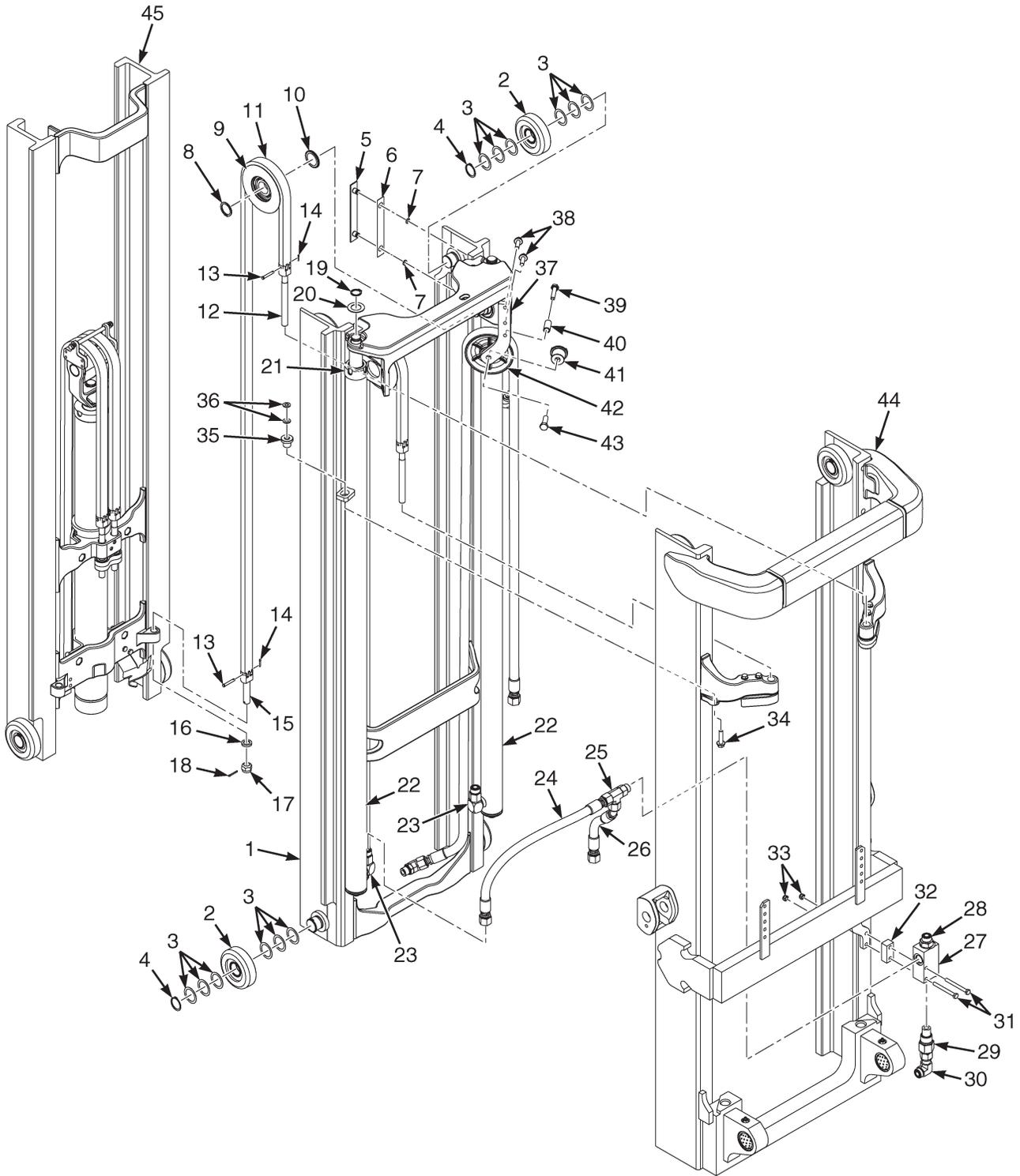
ITEM	PART NO.	DESCRIPTION	QTY
	<b>b</b> . . . . .	Mast Assy .....	1
1	<b>b</b> . . . . .	Outer Mast .....	1
2	1333396	Load Roller ("B") (111.48/111.22) .....	2
2	<b>a</b> 1395168	Load Roller ("A") (111.10/110.84) .....	2
2	<b>a</b> 1333397	Load Roller ("C") (112.62/112.36) .....	2
3	129387	Shim (0.508 mm) .....	12
4	58901	Snap Ring .....	2
4	<b>a</b> 1374797	Snap Ring .....	2
5	215211	Wear Strip .....	2
6	131716	Shim (0.508 mm) .....	2
6	<b>a</b> 131715	Shim (0.178 mm) .....	2
7	104506	O-Ring .....	4
8	4082846	Capscrew .....	4
9	4051079	Restraint .....	2
10	1581566	Nut .....	4
11	297649	Ring .....	2
12	4031973	Nut .....	2
13	13957	Grease Fitting .....	2
13	<b>a</b> 16041	Grease Fitting .....	2
14	4033412	Capscrew , Lubed .....	2
15	1581557	Washer .....	2
16	4033414	Bushing .....	2

**FOOTNOTES:**

**a** Optional

**b** Refer to Table

## INTERMEDIATE MAST AND MAIN-LIFT (FIGURE 12-11) THREE STAGE FULL FREE LIFT — A397 MAST SERIES (→ 8/2017)



BP170800

**INTERMEDIATE MAST AND MAIN-LIFT  
THREE STAGE FULL FREE LIFT – A397 MAST SERIES (→ 8/2017)**

**H3.0XT**

ITEM	DESCRIPTION 1 2 3 4	LIFT HEIGHT TO BOTTOM OF FORKS			
		3968 mm (156.2 in.)	4568 mm (179.8 in.)	4868 mm (191.7 in.)	5168 mm (203.5 in.)
		A397 3968	A397 4568	A397 4868	A397 5168
	Mast Assy	4640923	4640927	4640929	4640933
1	Intermediate Mast	4053806	4053809	4053811	4053813
11	Chain	1342382	1342384	1342129	1342387
22	Lift Cylinder	4630381	4615905	4615907	4615909

ITEM	PART NO.	DESCRIPTION	QTY
	<b>b . . . . .</b>	Mast Assy .....	1
1	<b>b . . . . .</b>	Intermediate Mast .....	1
2	1333396	Load Roller ("B") (111.48/111.22) .....	4
2	<b>a</b> 1395168	Load Roller ("A") (111.10/110.84) .....	4
2	<b>a</b> 1333397	Load Roller ("C") (112.62/112.36) .....	4
3	129387	Shim (0.508 mm) .....	24
4	58901	Snap Ring .....	2
4	<b>a</b> 1374797	Snap Ring .....	2
5	215211	Wear Strip .....	2
6	131716	Shim (0.508 mm) .....	2
6	<b>a</b> 131715	Shim (0.178 mm) .....	2
7	104506	O-Ring .....	4
8	304526	Snap Ring .....	2
9	4054944	Chain Sheave Assembly .....	2
9	1378699	Ball Bearing .....	1
9	37752	Snap Ring .....	1
10	335661	Spacer .....	2
11	<b>b . . . . .</b>	Chain .....	2
12	4072704	Chain Anchor .....	2
13	1514866	Pin .....	2
14	15211	Cotter Pin .....	4
15	1333329	Chain Anchor .....	2
16	297649	Ring .....	2
17	161003	Nut .....	2
18	15223	Cotter Pin .....	2
19	131358	Snap Ring .....	2
20	1333382	Washer (1.500 mm) .....	2
21	1354915	Washer (0.254 mm) .....	2
21	<b>a</b> 1354916	Washer (0.762 mm) .....	2
21	<b>a</b> 1354917	Washer (1.524 mm) .....	2
22	<b>b . . . . .</b>	Lift Cylinder (☞ Figure 12-15).....	2
23	2062687	Hyd Velocity Fuse .....	2
24	4620151	Hose Assy .....	1
25	1592853	Fitting .....	1
26	4620152	Hose Assy .....	1
27	4055582	Housing .....	1

**INTERMEDIATE MAST AND MAIN-LIFT**  
**THREE STAGE FULL FREE LIFT – A397 MAST SERIES (→ 8/2017)**

ITEM	PART NO.	DESCRIPTION	QTY
28	6996684		
	1486751	Fitting .....	1
29	2062652	Lowering Control Valve .....	1
30	1486773	Fitting .....	1
31	4065168	Capscrew .....	2
32	4101579	Spacer Block .....	1
33	1581566	Nut .....	2
34	4029051	Capscrew .....	2
35	4054558	Isolator .....	2
36	1581557	Washer .....	4
37	4049173	Plate .....	1
38	4051501	Capscrew .....	2
39	1598660	Capscrew .....	1
40	1660415	Spacer (Thin Wall) .....	1
41	4013267	Stubshaft .....	1
42	4048782	Hose Sheave .....	1
43	1581591	Capscrew .....	1
44	.....	Outer Mast (☞ Figure 12-9).....	..
45	.....	Inner Mast and Free-Lift (☞ Figure 12-13).....	..

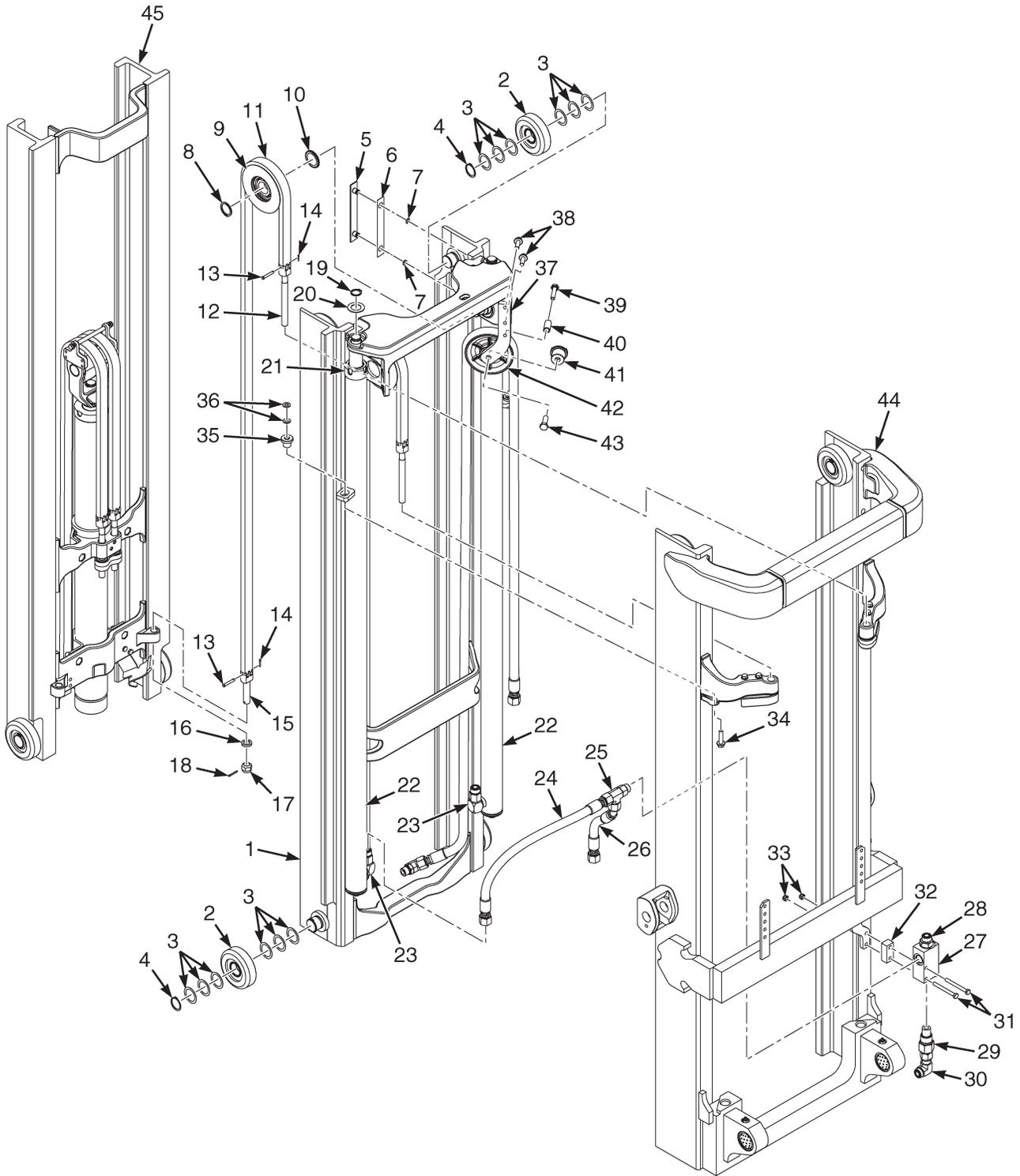
**FOOTNOTES:**

**a** Optional

**b** Refer to Table



## INTERMEDIATE MAST AND MAIN-LIFT (FIGURE 12-12) THREE STAGE FULL FREE LIFT — A397 MAST SERIES (8/2017 →)



BP170800

**INTERMEDIATE MAST AND MAIN-LIFT  
THREE STAGE FULL FREE LIFT – A397 MAST SERIES (8/2017 →)**

**H3.0XT**

ITEM	DESCRIPTION 1 2 3 4	LIFT HEIGHT TO BOTTOM OF FORKS			
		3968 mm (156.2 in.)	4568 mm (179.8 in.)	4868 mm (191.7 in.)	5168 mm (203.5 in.)
		A397 3968	A397 4568	A397 4868	A397 5168
	Mast Assy	4640923	4640927	4640929	4640933
1	Intermediate Mast	4053806	4053809	4053811	4053813
11	Chain	1342382	1342384	1342129	1342387

ITEM	PART NO.	DESCRIPTION	QTY
	<b>b</b> . . . . .	Mast Assy .....	1
1	<b>b</b> . . . . .	Intermediate Mast .....	1
2	1333396	Load Roller ("B") (111.48/111.22) .....	4
2	<b>a</b> 1395168	Load Roller ("A") (111.10/110.84) .....	4
2	<b>a</b> 1333397	Load Roller ("C") (112.62/112.36) .....	4
3	129387	Shim (0.508 mm) .....	24
4	58901	Snap Ring .....	2
4	<b>a</b> 1374797	Snap Ring .....	2
5	215211	Wear Strip .....	2
6	131716	Shim (0.508 mm) .....	2
6	<b>a</b> 131715	Shim (0.178 mm) .....	2
7	104506	O-Ring .....	4
8	304526	Snap Ring .....	2
9	4054944	Chain Sheave Assembly .....	2
9	1378699	Ball Bearing .....	1
9	37752	Snap Ring .....	1
10	335661	Spacer .....	2
11	<b>b</b> . . . . .	Chain .....	2
12	4184157	Chain Anchor .....	2
13	1514866	Pin .....	2
14	15211	Cotter Pin .....	4
15	1333329	Chain Anchor .....	2
16	297649	Ring .....	2
17	161003	Nut .....	2
18	15223	Cotter Pin .....	2
19	131358	Snap Ring .....	2
20	1333382	Washer (1.500 mm) .....	2
21	1354915	Washer (0.254 mm) .....	2
21	<b>a</b> 1354916	Washer (0.762 mm) .....	2
21	<b>a</b> 1354917	Washer (1.524 mm) .....	2
22	. . . . .	Main Lift Cylinder (☞ Figure 12-15).....	2
23	2062687	Hyd Velocity Fuse .....	2
24	4620151	Hose Assy .....	1
25	1592853	Fitting .....	1
26	4620152	Hose Assy .....	1
27	4055582	Housing .....	1
28	6996684	Fitting .....	1

**INTERMEDIATE MAST AND MAIN-LIFT**  
**THREE STAGE FULL FREE LIFT – A397 MAST SERIES (8/2017 →)**

ITEM	PART NO.	DESCRIPTION	QTY
	1486751		
29	2062652	Lowering Control Valve .....	1
30	1486773	Fitting .....	1
31	4065168	Capscrew .....	2
32	4101579	Spacer Block .....	1
33	1581566	Nut .....	2
34	4029051	Capscrew .....	2
35	4054558	Isolator .....	2
36	1581557	Washer .....	4
37	4049173	Plate .....	1
38	4051501	Capscrew .....	2
39	1598660	Capscrew .....	1
40	1660415	Spacer (Thin Wall) .....	1
41	4013267	Stubshaft .....	1
42	4048782	Hose Sheave .....	1
43	1581591	Capscrew .....	1
44	.....	Outer Mast (☞ Figure 12-10).....	..
45	.....	Inner Mast and Free-Lift (☞ Figure 12-14).....	..

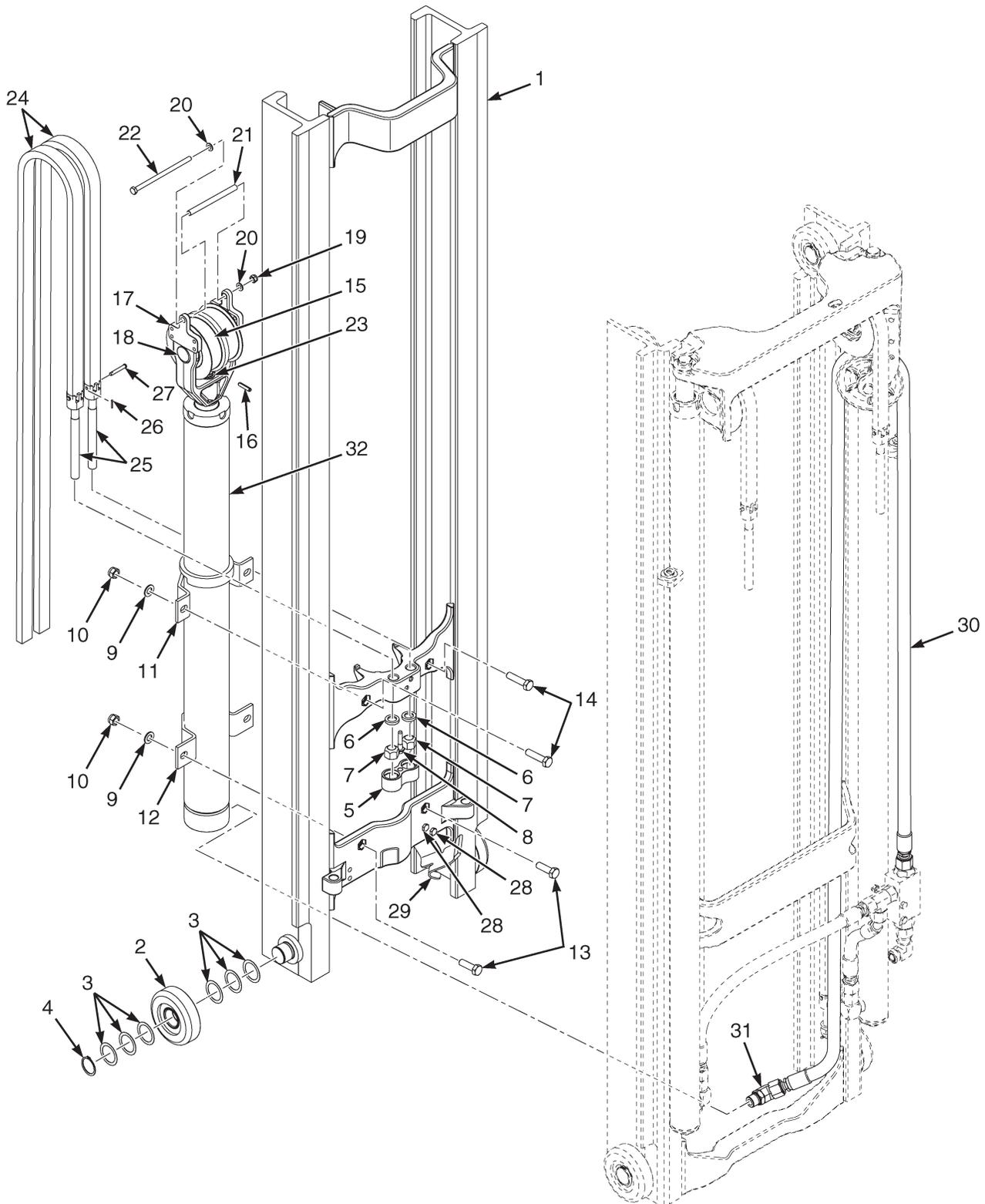
**FOOTNOTES:**

**a** Optional

**b** Refer to Table



## INNER MAST AND FREE-LIFT (FIGURE 12-13) THREE STAGE FULL FREE LIFT — A397 MAST SERIES (→ 8/2017)



BP170801

**INNER MAST AND FREE-LIFT**  
**THREE STAGE FULL FREE LIFT – A397 MAST SERIES (→ 8/2017)**

**H3.0XT**

ITEM	DESCRIPTION 1 2 3 4	LIFT HEIGHT TO BOTTOM OF FORKS			
		3968 mm (156.2 in.)	4568 mm (179.8 in.)	4868 mm (191.7 in.)	5168 mm (203.5 in.)
		A397 3968	A397 4568	A397 4868	A397 5168
	Mast Assy	4640923	4640927	4640929	4640933
1	Inner Mast	4053838	4053841	4053843	4053845
24	Chain	1342119	1342122	1342125	1342127
30	Hose Assy	4637732	4637735	4637737	4637739
32	Free Lift Cylinder	4618054	4618057	4618060	4618062

ITEM	PART NO.	DESCRIPTION	QTY
	<b>b . . . . .</b>	Mast Assy .....	1
1	<b>b . . . . .</b>	Inner Mast .....	1
2	1333396	Load Roller ("B") (111.48/111.22) .....	2
2	<b>a</b> 1395168	Load Roller ("A") (111.10/110.84) .....	2
2	<b>a</b> 1333397	Load Roller ("C") (112.62/112.36) .....	2
3	129387	Shim (0.508 mm) .....	12
4	58901	Snap Ring .....	2
4	<b>a</b> 1374797	Snap Ring .....	2
5	4052568	Restraint .....	1
6	297649	Ring .....	2
7	4031973	Nut .....	2
8	4133281	Capscrew .....	1
9	1581559	Washer .....	4
10	1581849	Nut .....	4
11	4057313	Clamp .....	1
12	4057611	Clamp .....	1
13	1581591	Capscrew .....	2
14	1581827	Capscrew .....	2
15	4052261	Chain Sheave .....	1
15	1378699	Ball Bearing .....	1
16	302465	Roll Pin .....	1
17	4131005	Crosshead .....	1
18	4046548	Pin .....	1
19	1581566	Nut .....	1
20	4081768	Washer .....	2
21	4056718	Roller Spacer .....	1
22	4061309	Capscrew .....	1
23	131358	Snap Ring .....	1
24	<b>b . . . . .</b>	Chain .....	2
25	4072704	Chain Anchor .....	2
26	15211	Cotter Pin .....	2
27	1514866	Pin .....	2
28	1696161	Capscrew .....	2
29	4054074	Bracket Wldmt .....	1

## INNER MAST AND FREE-LIFT THREE STAGE FULL FREE LIFT – A397 MAST SERIES (→ 8/2017)

ITEM	PART NO.	DESCRIPTION	QTY
	4126698		
30	<b>b</b> . . . .	Hose Assy .....	1
31	1516205	Fitting .....	1
32	<b>b</b> . . . .	Free Lift Cylinder (☞ Figure 12-16).....	1

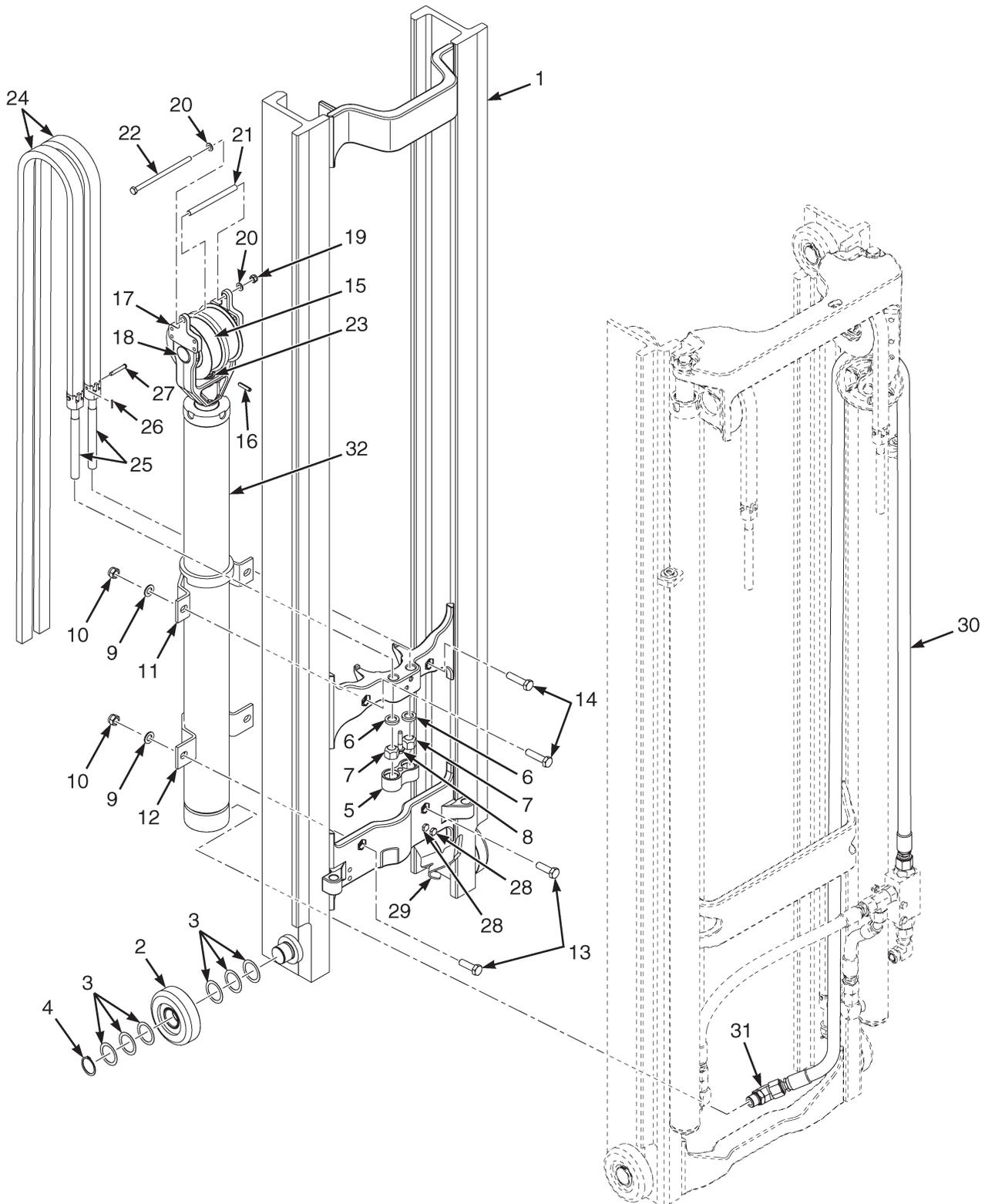
### FOOTNOTES:

**a** Optional

**b** Refer to Table



## INNER MAST AND FREE-LIFT (FIGURE 12-14) THREE STAGE FULL FREE LIFT — A397 MAST SERIES (8/2017 →)



BP170801

**INNER MAST AND FREE-LIFT**  
**THREE STAGE FULL FREE LIFT – A397 MAST SERIES (8/2017 →)**

**H3.0XT**

ITEM	DESCRIPTION 1 2 3 4	LIFT HEIGHT TO BOTTOM OF FORKS			
		3968 mm (156.2 in.)	4568 mm (179.8 in.)	4868 mm (191.7 in.)	5168 mm (203.5 in.)
		A397 3968	A397 4568	A397 4868	A397 5168
	Mast Assy	4640923	4640927	4640929	4640933
1	Inner Mast	4053838	4053841	4053843	4053845
24	Chain	1342380	1342121	1342383	1342126
30	Hose Assy	4637732	4637735	4637737	4637739

ITEM	PART NO.	DESCRIPTION	QTY
	<b>b . . . . .</b>	Mast Assy .....	1
1	<b>b . . . . .</b>	Inner Mast .....	1
2	1333396	Load Roller ("B") (111.48/111.22) .....	2
2	<b>a</b> 1395168	Load Roller ("A") (111.10/110.84) .....	2
2	<b>a</b> 1333397	Load Roller ("C") (112.62/112.36) .....	2
3	129387	Shim (0.508 mm) .....	12
4	58901	Snap Ring .....	2
4	<b>a</b> 1374797	Snap Ring .....	2
5	4052568	Restraint .....	1
6	297649	Ring .....	2
7	4031973	Nut .....	2
8	4133281	Capscrew .....	1
9	1581559	Washer .....	4
10	1581849	Nut .....	4
11	4057313	Clamp .....	1
12	4057611	Clamp .....	1
13	1581591	Capscrew .....	2
14	1581827	Capscrew .....	2
15	4052261	Chain Sheave .....	1
15	1378699	Ball Bearing .....	1
16	302465	Roll Pin .....	1
17	4131005	Crosshead .....	1
18	4046548	Pin .....	1
19	1581566	Nut .....	1
20	4081768	Washer .....	2
21	4056718	Roller Spacer .....	1
22	4061309	Capscrew .....	1
23	131358	Snap Ring .....	1
24	<b>b . . . . .</b>	Chain .....	2
25	4184157	Chain Anchor .....	2
26	15211	Cotter Pin .....	2
27	1514866	Pin .....	2
28	1696161	Capscrew .....	2
29	4054074	Bracket Wldmt .....	1
30	<b>b . . . . .</b>	Hose Assy .....	1

**INNER MAST AND FREE-LIFT**  
**THREE STAGE FULL FREE LIFT – A397 MAST SERIES (8/2017 →)**

ITEM	PART NO.	DESCRIPTION	QTY
31	1516205	Fitting .....	1
32	.....	Free-Lift Cylinder (☞ Figure 12-16).....	1

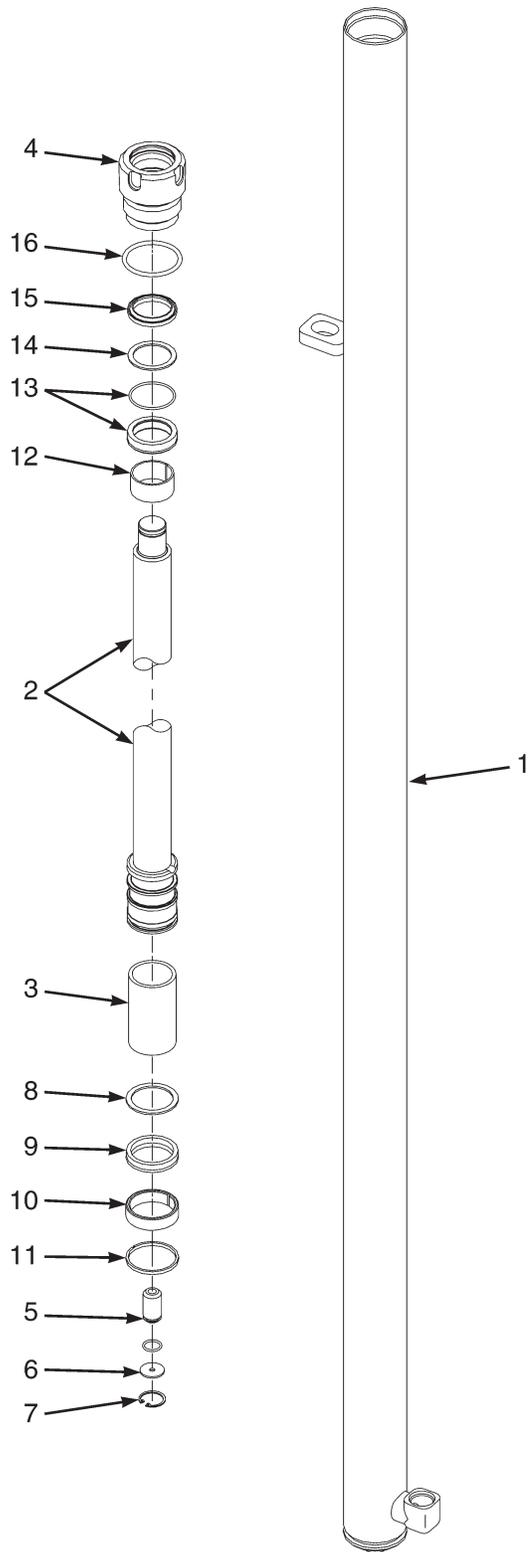
**FOOTNOTES:**

**a** Optional

**b** Refer to Table



**MAIN LIFT CYLINDER (FIGURE 12-15)  
THREE STAGE FULL FREE-LIFT — A397 MAST SERIES**



BP170651

**MAIN LIFT CYLINDER  
THREE STAGE FULL FREE-LIFT – A397 MAST SERIES****H3.0XT**

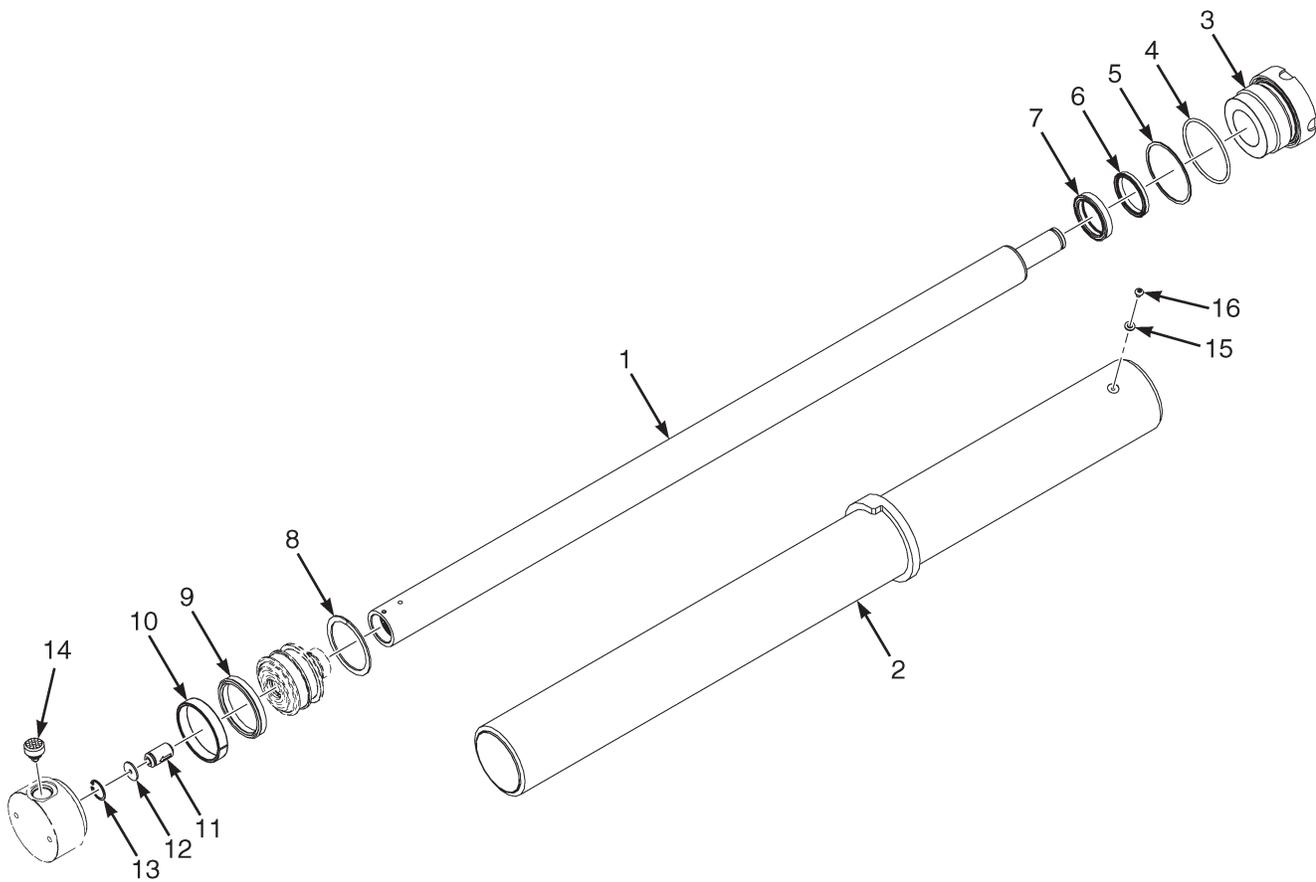
ITEM	DESCRIPTION 1 2 3 4	LIFT HEIGHT TO BOTTOM OF FORKS			
		3968 mm (156.2 in.)	4568 mm (179.8 in.)	4868 mm (191.7 in.)	5168 mm (203.5 in.)
		Mast Group Number	A397 3968	A397 4568	A397 4868
	Cylinder Group Number	8607324	8607308	8607310	8607312
	Lift Cylinder	4630381	4615905	4615907	4615909
1	Tube Wldmt- Cylinder	4041235	4041238	4041240	4041242
2	Cylinder Rod	1355733	1355745	1355710	1355758
3	Spacer	----	2046164	2073087	2073087

ITEM	PART NO.	DESCRIPTION	QTY
	a . . . . .	Lift Cylinder .....	2
1	a . . . . .	Tube Wldmt-Cylinder .....	1
2	a . . . . .	Cylinder Rod .....	1
3	a . . . . .	Spacer .....	1
4	4615848	Gland .....	1
5	257913	Check Valve .....	1
6	297531	Washer .....	1
6	637635	Washer (Optional) .....	1
7	187388	Snap Ring .....	1
8	335012	Back-Up Ring .....	1
9	1381063	Piston Seal .....	1
10	1356751	Wear Ring .....	1
11	1356748	Piston Ring .....	1
12	322902	Wear Ring .....	1
13	1356749	Rod Seal .....	1
14	322824	Back-Up Ring .....	1
15	1383063	Rod Wiper .....	1
16	59229	O-Ring .....	1
	4623974	Kit-Seal .....	1

**FOOTNOTES:**

a Refer to Table

**FREE-LIFT CYLINDER (FIGURE 12-16)**  
**THREE STAGE FULL FREE-LIFT — A397 MAST SERIES**



BP170652

**FREE-LIFT CYLINDER  
THREE STAGE FULL FREE-LIFT – A397 MAST SERIES**

**H3.0XT**

ITEM	DESCRIPTION 1 2 3 4	LIFT HEIGHT TO BOTTOM OF FORKS			
		3968 mm (156.2 in.)	4568 mm (179.8 in.)	4868 mm (191.7 in.)	5168 mm (203.5 in.)
		Mast Group Number	A397 3968	A397 4568	A397 4868
	Cylinder Group Number	8607355	8607358	8607361	8607363
	Free Lift Cylinder	4618054	4618057	4618060	4618062
1	Cylinder Rod	4046305	4046308	4046311	4046313
2	Tube Wldmt- Cylinder	4046265	4046268	4046271	4046273

ITEM	PART NO.	DESCRIPTION	QTY
	<b>b</b> . . . . .	Free Lift Cylinder .....	1
1	<b>b</b> . . . . .	Cylinder Rod .....	1
2	<b>b</b> . . . . .	Tube Wldmt-Cylinder .....	1
3	1356661	Gland .....	1
4	15880	O-Ring .....	1
5	164840	Back-Up Ring .....	1
6	1463105	Rod Wiper .....	1
7	1622946	Rod Seal .....	1
8	637565	Back-Up Ring .....	1
9	309062	Rod Seal .....	1
10	636941	Wear Ring .....	1
11	297538	Check Valve .....	1
12	297531	Washer .....	1
12	637635	Washer (Optional) .....	1
13	187388	Snap Ring .....	1
14	4055506	Flow Valve .....	1
15	190887	Sealing Ring .....	1
16	1361302	Screw .....	1
	<b>a</b> 190580	O-Ring .....	1
	1356662	Kit-Seal .....	1

**FOOTNOTES:**

**a** Not Illustrated

**b** Refer to Table



**HEADER HOSE AND ATTACHING PARTS****H40-50XT**

ITEM	DESCRIPTION 1 2 3 4	LIFT HEIGHT TO BOTTOM OF FORKS				
		4310 mm (169.7 in.)	4760 mm (187.4 in.)	4910 mm (193.3 in.)	5060 mm (199.2 in.)	5510 mm (216.9 in.)
		A387 4310	A387 4760	A387 4910	A387 5060	A387 5510
1	Header Hose	4636926	4636928	4636929	4636930	4636933
2	Header Hose	4636893	4636895	4636896	4636897	4636900
3	Header Hose	4636959	4636961	4636962	4636963	4636966
4	Header Hose	4636992	4636994	4636995	4636996	4624100
33	Header Hose	4624213	4624215	4624216	4624217	4624100

**H60XT**

ITEM	DESCRIPTION 1 2 3 4	LIFT HEIGHT TO BOTTOM OF FORKS			
		4568 mm (179.8 in.)	4718 mm (185.7 in.)	5318 mm (209.4 in.)	5768 mm (227.1 in.)
		A397 4568	A397 4718	A397 5318	A397 5768
1	Header Hose	4636929	4636930	4636934	4636937
2	Header Hose	4636896	4636897	4636901	4636904
3	Header Hose	4636962	4636963	4636967	4636970
4	Header Hose	4636995	4636996	4637000	4637003
33	Header Hose	4624216	4624217	4624101	4624104

**KEY:****A: 3 Function****B: 4 Function**

ITEM	PART NO.	DESCRIPTION	QTY	
			A	B
1	c . . . . .	Header Hose .....	1	1
2	c . . . . .	Header Hose .....	1	1
3	c . . . . .	Header Hose .....	..	1
4	c . . . . .	Header Hose .....	..	1
5	4048781	Hose Sheave .....	1	1
5	4050091	Bushing .....	1	1
6	4013268	Stubshaft .....	1	1
7	4051293	Spacer .....	1	1
8	1581581	Capscrew .....	1	1
9	4132420	Bracket .....	1	1
10	1581836	Capscrew .....	2	2
11	4166624			
	1581556	Washer .....	2	2
12	4138115	Roller .....	2	2
13	4138114	Roller .....	2	2
14	1626461	Capscrew .....	..	1

## HEADER HOSE AND ATTACHING PARTS

**KEY:**

**A: 3 Function**

**B: 4 Function**

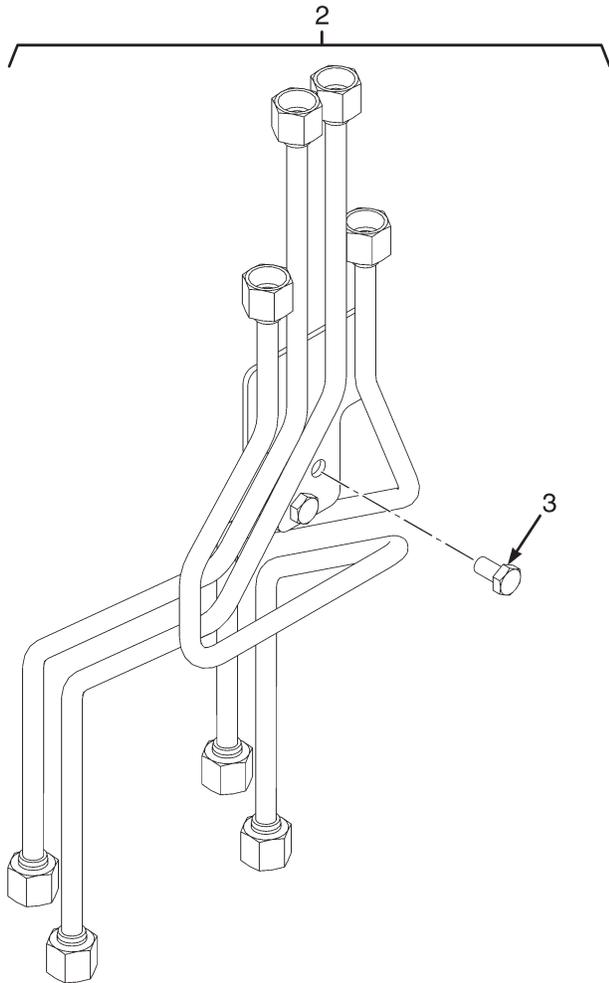
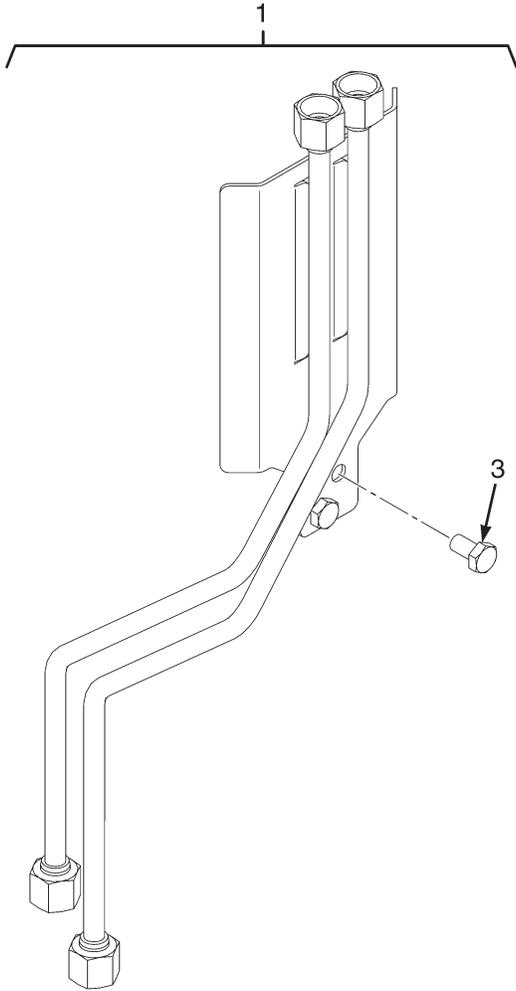
ITEM	PART NO.	DESCRIPTION	QTY	
			A	B
15	4049172	Bracket .....	..	1
16	1581567	Nut .....	..	1
17	1345190	Washer .....	..	1
18	1581827	Capscrew .....	..	1
19	1528573	Fitting .....	2	3
20	1528579	Fitting .....	..	1
21	1696161	Capscrew .....	3	5
22	1473895	Fitting .....	..	1
23	4058926	Bracket .....	..	1
24	4122876	Bracket .....	1	1
25	4016370	Capscrew .....	..	1
26	4057777	Bracket .....	..	1
27	1581566	Nut .....	9	14
28	<del>4104560</del> 4120649	Bracket .....	1	1
29	4622150	Turnaround .....	1	1
30	4055683	Hose Clamp .....	1	1
31	1597448	Capscrew .....	2	4
32	4082001	Clamp .....	..	2
33	<b>c</b> . . . . .	Header Hose .....	2	4
34	1581580	Capscrew .....	4	4
35	4059108	Plate .....	1	1
36	4061309	Capscrew .....	2	2
37	4049218	Roller Shaft .....	2	2
38	4056718	Roller Spacer .....	2	2
39	4059109	Plate .....	1	1
40	4128358	Roller , Center Roller Assembly .....	1	1
41	4128356	Roller .....	2	2
42	4051501	Capscrew .....	2	2
43	4048783	Hose Sheave .....	..	1
43	4050091	Bushing .....	1	1
44	4048778	Stubshaft .....	..	1
45	1581830	Capscrew .....	..	1
46	4048784	Hose Sheave .....	..	1
46	4050091	Bushing .....	1	1
47	1581849	Nut .....	..	1
48	4051885	Stubshaft .....	..	1
49	1596420	Capscrew .....	2	2
50	<b>d</b> 4084720 4196423	Tube - Assembly (3 Function) (Complete) (☞Figure 12-18).....	1	..
50	<b>d</b> 4084719	Tube - Assembly (4 Function) (Complete) (☞Figure 12-18).....	..	1
50	<b>a</b> 4084721	Tube - Assembly (3 Function) .....	1	..
50	<b>a</b> 4084722	Tube - Assembly (4 Function) .....	..	1
	<b>b</b> 1529015	Cap (Without auxiliary hoses) .....	2	4

**FOOTNOTES:**

- a** For Lift Height 6260/5768 and Above
- b** Not Illustrated

- c** Refer to Table
- d** Up to Lift Height 6110/5768 MM

**FRELIFT TUBE GROUP (FIGURE 12-18)  
3 AND 4 FUNCTION**

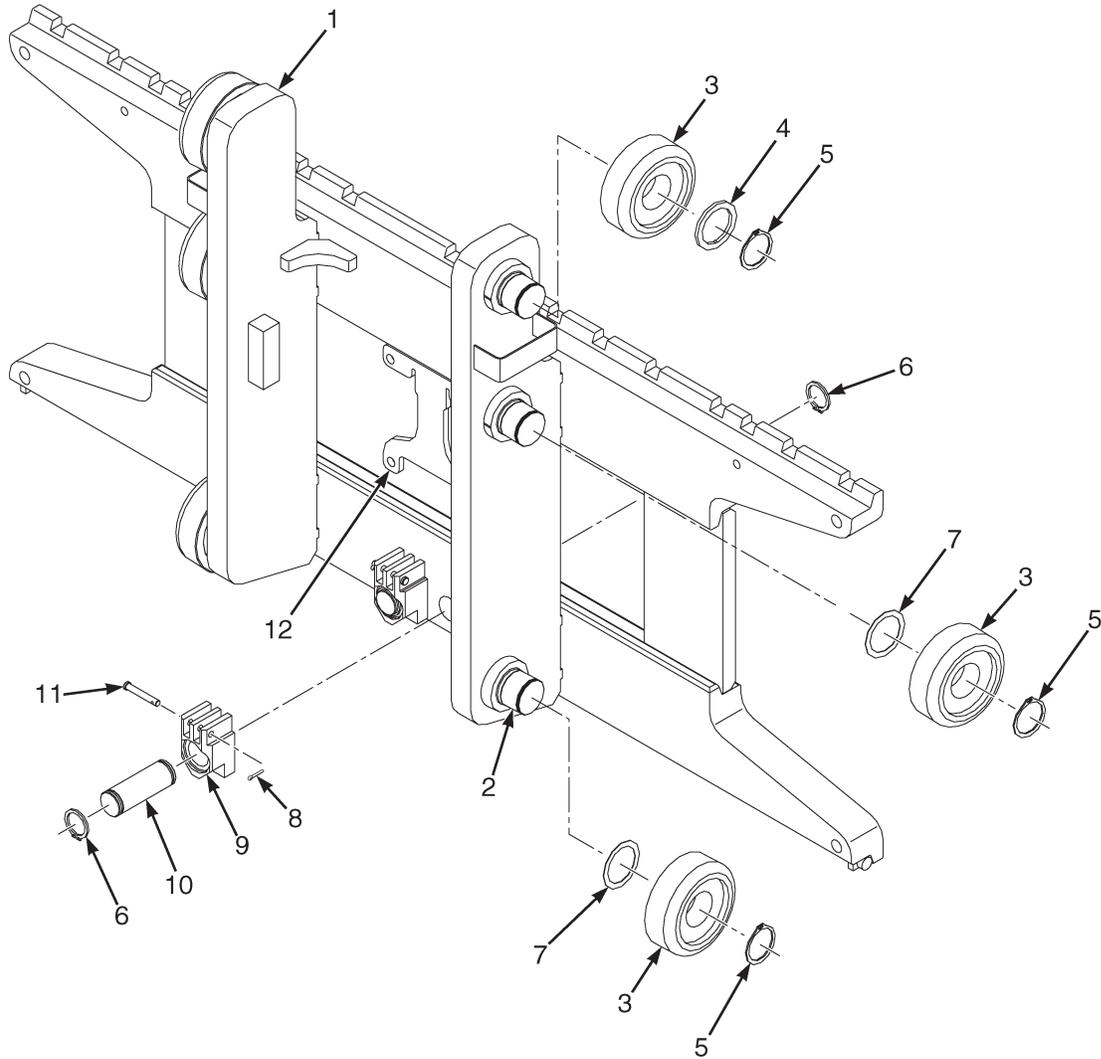


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**FREELIFT TUBE GROUP  
3 AND 4 FUNCTION**

<b>ITEM</b>	<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>QTY</b>
1	4084720		
	4196423	Tube - Assembly (3 Function) (3rd Function only) .....	1
2	4084719	Tube - Assembly (4 Function) (3rd and 4th Function Assembly) .....	1
3	1581579	Capscrew .....	2

## CARRIAGE (FIGURE 12-19) THREE STAGE FULL FREE-LIFT



BP170680

**CARRIAGE  
THREE STAGE FULL FREE-LIFT****KEY:****A: H2.0-2.5XT****B: H3.0XT**

ITEM	PART NO.	DESCRIPTION	QTY	
			A	B
	4621631	Carriage Assembly (1067 mm) .....	1	..
	4621632	Carriage Assembly (1219 mm) .....	1	..
	4621637	Carriage Assembly (1067 mm) .....	..	1
	4621639	Carriage Assembly (1219 mm) .....	..	1
1	4055430	Carriage Wldmt (1067 mm) .....	1	..
1	4055431	Carriage Wldmt (1219 mm) .....	1	..
1	4055473	Carriage Wldmt (1067 mm) .....	..	1
1	4055479	Carriage Wldmt (1219 mm) .....	..	1
2	1345216	Stubshaft .....	6	6
3	1333399	Load Roller ("B") (92.18 mm/91.92 mm) .....	6	6
3	1393142	Load Roller ("B") (82.18 mm) (Optional) .....	6	6
3	1395174	Load Roller ("A") (81.80 mm) (Optional) .....	6	6
3	1395176	Load Roller ("A") (82.00 mm) (Optional) .....	6	6
4	366115	Spacer .....	2	2
5	58901	Snap Ring .....	6	6
5	<b>a</b> 1374797	Snap Ring (Optional) .....	6	6
6	131358	Snap Ring .....	4	4
7	129387	Shim (0.508 mm) .....	28	28
8	15211	Cotter Pin .....	2	2
9	1369345	Chain Anchor (Dual Hole) .....	2	..
9	1504010	Chain Anchor (Single Hole) (Optional) .....	2	..
9	1369344	Chain Anchor (Dual Hole) .....	..	2
9	1504012	Chain Anchor (Single Hole) (Optional) .....	..	2
10	317735	Pin .....	2	2
11	1514866	Pin (Chain Anchor) .....	2	2
12	4082003	Plate (Hose) .....	1	..
12	4082005	Plate (Hose) .....	..	1

**FOOTNOTES:****a** Not Illustrated