

PARTS LIST

STATIONARY AND SEMI-PORTABLE ELEVATING DOCKS



STARTING FROM: JULY, 2007

BLUE GIANT®

ISSUE DATE: NOVEMBER 27, 2017 (PART # 411-500EPL)

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7. Parts Listings - Stationary Elevating Docks - 10" Lowered Height

7.1 General Assembly - 4,5 & 6,000 lb. Cap. - 96" Deck Length

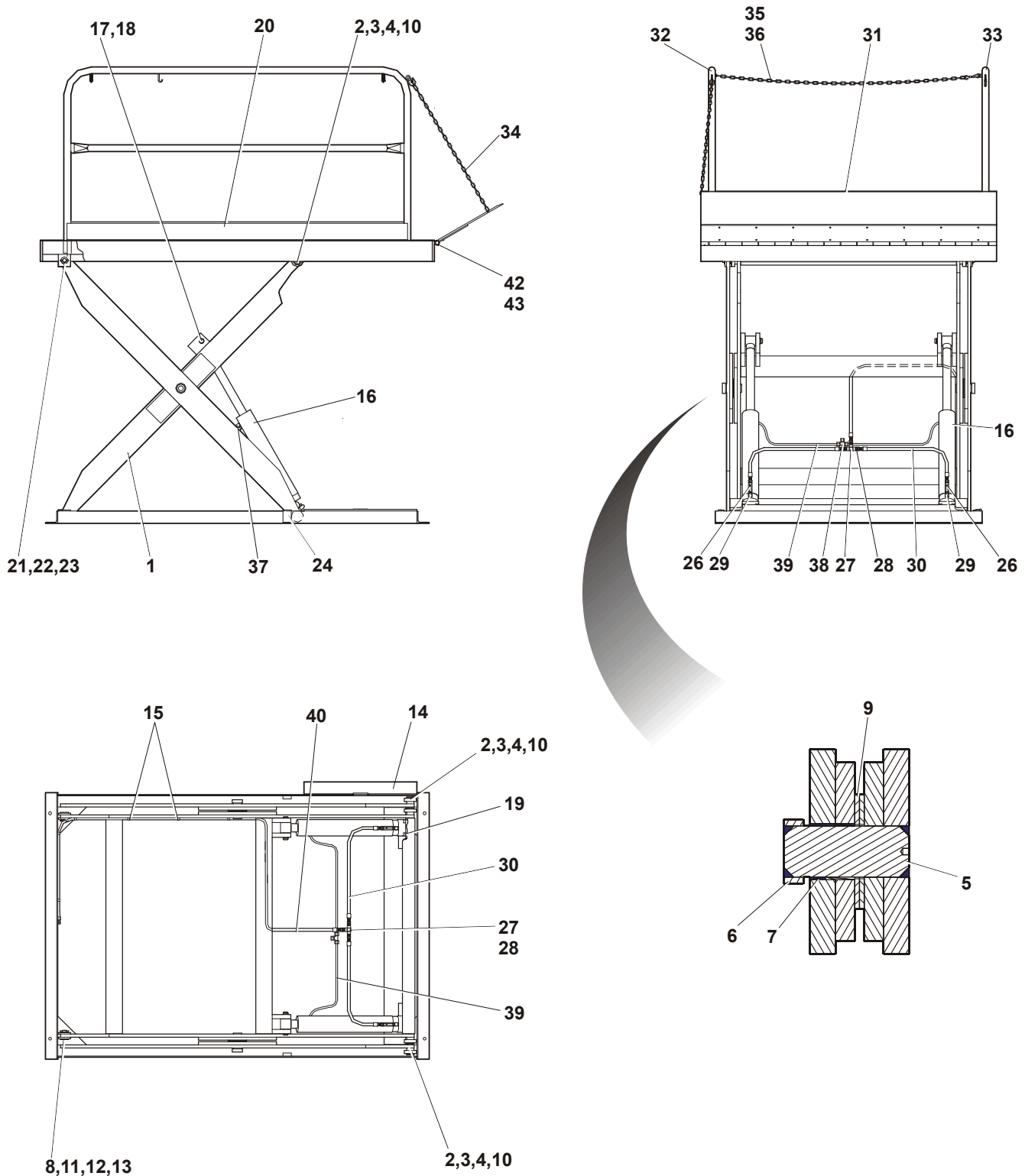


Figure 8 : General Assembly - 4,5,& 6,000 lb. - 96" Deck Length

General Assembly - 4,5 & 6,000 lb. Cap. - 96" Deck Length

Item	Qty	Part No	General Description	Specific Description
			General Assembly 4,5,6 - 96" Deck Length	310-5423
1*	1	313-5218-2	Frame And Leg Weldment	10" Lowered Height
1*	1	313-5218-3	Frame And Leg Weldment	4,000/60X96"
1*	1	313-5218-4	Frame And Leg Weldment	4,000/72,84X96"
1*	1	313-5219-2	Frame And Leg Weldment	4,000/96X96"
1*	1	313-5219-3	Frame And Leg Weldment	5,000/60X96"
1*	1	313-5219-4	Frame And Leg Weldment	5,000/72,84X96"
1*	1	313-5220-2	Frame And Leg Weldment	5,000/96X96"
1*	1	313-5220-3	Frame And Leg Weldment	6,000/60X96"
1*	1	313-5220-4	Frame And Leg Weldment	6,000/72.84X96"
2	4	019-022	Bearing, 80x40x18mm	6,000/96X96"
2	2	019-001	Bearing, 80x40x18mm	4,5,000/96"
3	4	011-066	Capscrew, Hex Sckt F/H-5/16"-18x3/4"	6,000/96"
4	2	013-005	Spring Pin 5/32"x1"Lg	4,5,000/96"
5	2	313-0024	Leg Centre Pin	4,000/96"
5	2	114-651	Leg Centre Pin 1" Thk Leg (4-7/8" Lg)	5,000/96"
6	2	114-606	Collar - 2" (Centre Pin Mod Ed)	5,000/96"
7	2	018-032	Bushing - 2"IDx1-1/2"LG	4,5,000/96"
7	2	018-033	Bushing - 2" IDx1-3/4"LG	4,000/96"
8	4	018-051	Bushing - 1"IDx3/4"LG	5,000/96"
8	4	018-061	Bushing - 1"IDx1"LG	4,5,000/96"
9	2	012-219	Washer, Flat 2.13" IDx4.5"ODx0.187" THK	4,5,000/96"
10	4	121-684	Ring-Spacer (1-7/8" O.D)	4,5,000/96"
11	2	798-048	Pin Ass'y (3/4" Thick Legs)	4,000/96"
11	2	798-043	Pin Ass'y (1" Thick Legs)	5,000/96"
12	2	013-012	Spring Pin - 1/4" X 2	4,5,000/96"
13	6	105-879	Washer, 3/4"ODx1-3/16"IDx1/16"THK	4,5,000/96"
14	1	822-440	Strut Weldment, Maintenance	4,5,000/96"
15	8	035-262	Strap (#6 Hose Clamp)	4,5,000/96"
16	2	832-157	Cylinder Ass'y (3-1/2"Dia) [19 1/2" Stroke]	4,5,000/96"
17	2	114-993	Pin-Cylinder Pivot	4,5,000/96"
17	2	311-0003	Pin, Cylinder Pivot	4,000/72X96"
17	2	311-0003	Pin, Cylinder Pivot	6,000/84X96"
18	4	013-036	Retaining Ring Ext. 1-1/4"ID	4,5,000/96"
19	4	104-476	Lip Stop (3/4"X5/8")	4,5,000/96"
20	1	312-5260-2	Deck Assembly S2 4,5,000/60x96	4,5,000/60X96"
20	1	312-5260-3	Deck Assembly S2 4,5,000/72x96	4,5,000/72X96"
20	1	312-5260-4	Deck Assembly S2 4,5,000/84x96	4,5,000/84X96"
20	1	312-5260-5	Deck Assembly S2 4,5,000/96x96	4,5,000/96X96"
20	1	312-5260-7	Deck Assembly S2 6,000/60x96	6,000/60x96"
20	1	312-5260-8	Deck Assembly S2 6,000/72x96	6,000/72x96"
20	1	312-5260-9	Deck Assembly S2 6,000/84x96	6,000/84x96"
20	1	312-5260-10	Deck Assembly S2 6,000/96x96	6,000/96x96"
20	1	312-5253-2	Deck Assembly S3 (Taprd) 4,5,000/60X96	4,5,000/60X96"
20	1	312-5253-3	Deck Assembly S3 (Taprd) 4,5,000/72X96	4,5,000/72X96"
20	1	312-5253-4	Deck Assembly S3 (Taprd) 4,5,000/84X96	4,5,000/84X96"
20	1	312-5253-5	Deck Assembly S3 (Taprd) 4,5,000/96X96	4,5,000/96X96"
20	1	312-5253-7	Deck Assembly S3 (Tapered) 6,000/60X96	6,000/60X96"
20	1	312-5253-8	Deck Assembly S3 (Tapered) 6,000/72X96	6,000/72X96"
20	1	312-5253-9	Deck Assembly S3 (Tapered) 6,000/84X96	6,000/84X96"
20	1	312-5253-10	Deck Assembly S3 (Tapered) 6,000/96X96	6,000/96X96"
21	2	798-048	Pin Ass'y (3/4" Thick Legs)	4,000/96"
21	2	798-043	Pin Ass'y (1" Thick Legs)	5,000/96"
22	6	106-389	Spacer Washer - 1-3/4"ODx1"IDx1/16"thk	4,5,000/96"
23	2	013-012	Spring Pin - 1/4" X 2"	4,5,000/96"

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General Assembly - 4,5 & 6,000 lb. Cap. - 96" Deck Length

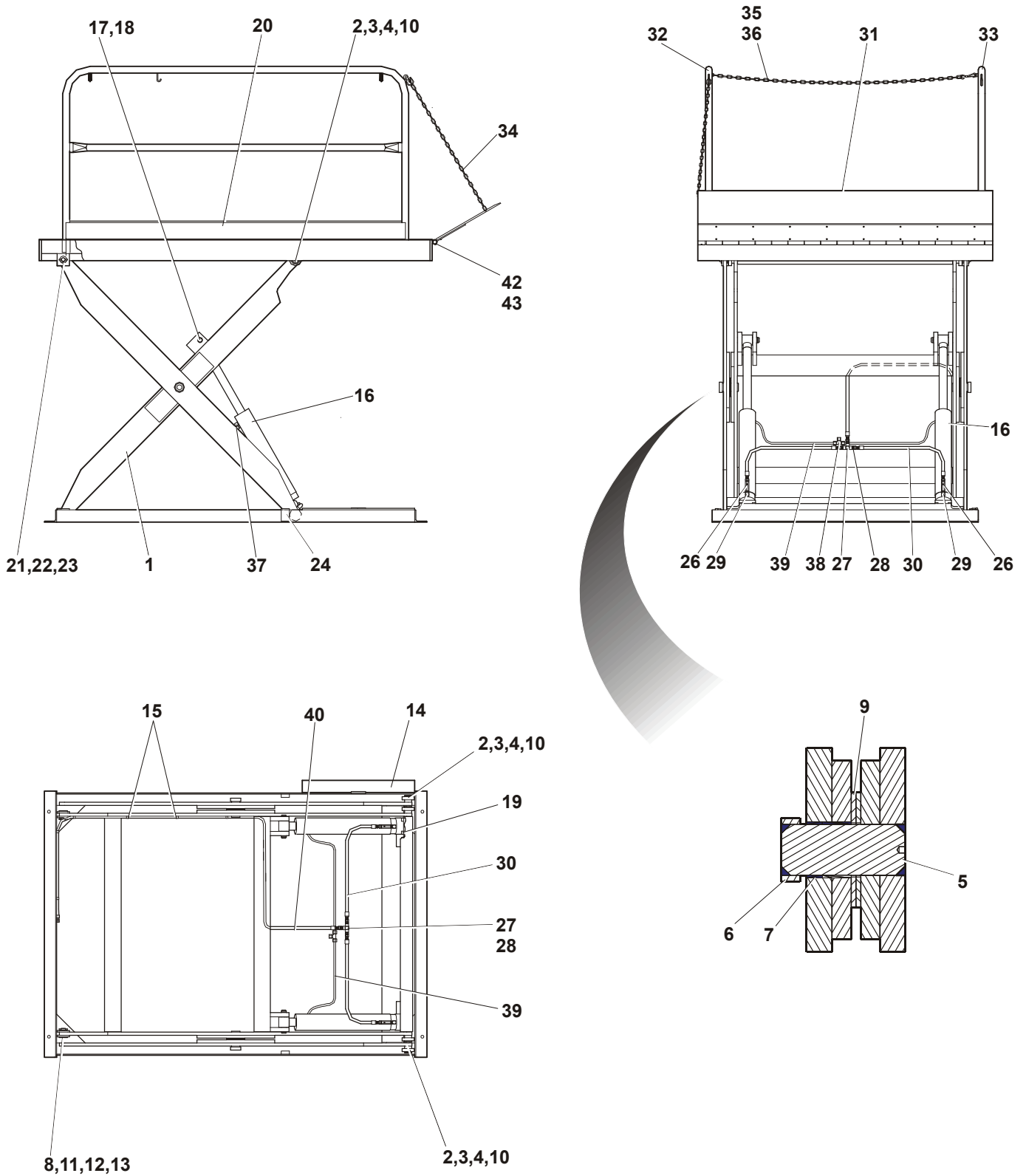


Figure 4: General Assembly - 4,5, & 6,000 - 96" Deck Length

General Assembly - 4,5,6,000 & 8,000 lb. Cap. - 96" Deck Length

Item	Qty	Part No	General Description	Specific Description
24	2	117-005	Roller Stop	4,5,&6,000"
25	1	039-066	Paint, Blue (Fast Dry Enamel)	4,5,&6,000/96"
26	2	033-549	Velocity Fuse 9.0 GPM	4,000/60,72X96"
26	2	033-549	Velocity Fuse 9.0 GPM	5,&6,000/60,84X96"
26	2	033-661	Velocity Fuse 5 GPM	4,000/84X96"
26	2	033-663	Velocity Fuse 7.5 GPM	5,000/72-96X96"
26	2	033-663	Velocity Fuse 7.5 GPM	6,000/60,72,84X96"
26	2	033-661	Velocity Fuse 5 GPM	4,000/60X96"
27	1	034-571	Fitting, Tee 022T-6-6	4,5,&6,000/96"
28	2	034-504	Adapter, Fitting 0103-6-6	4,5,&6,000/96"
29	2	034-599	Fitting Elbow Forged #6MP-4MP-90°	4,5,&6,000/96"
30	2	300-5000-12	Hose, #6 Hp(20"Lg) Str. Swivel(2)	4,5,000/60X96"
30	2	300-5000-14	Hose, #6 Hp(25"Lg) Str. Swivel(2)	4,000/72X96"
30	2	100-5004-1	Hose, #6 Hp(24"Lg)	4,000/84,96X96"
30	2	100-5004-1	Hose, #6 Hp(24"Lg)	5,000/72X96"
30	2	300-5000-14	Hose, #6 Hp(25"Lg) Str. Swivel(2)	5,6,000/84X96"
30	2	100-5004-1	Hose, #6 Hp(24"Lg)	5,000/96X96"
30	2	100-5004-1	Hose, #6 Hp(24"Lg)	6,000/60,96X96"
30	2	100-5004-1	Hose, #6 Hp(24"Lg)	4,000/60X96"
31	1	302-5002	Lip Assy,60"(18"Lg,4&5#)1pc Lp	4,&5,000/96"
31	1	302-5002-7	Lip Assy,60"(18"Lg,4&5#)1pc Lp	6,000/60X96"
32	1	312-5080-4	Guard Rail, Right Side 96"Deck	4,5,&6,000/96"
33	1	312-5081-4	Guard Rail, Left Side 96"Deck	4,5,&6,000/96"
34	1	091-023-0600	Chain (60"Lg) [3/16"Proof Coil Galvanized]	4,5,&6,000/96"
35	2	091-023-0540	Chain (54"Lg) 3/16"Proof Coil Galvanized	4,5,&6,000/60X96"
35	2	091-023-0660	Chain (66"Lg) 3/16"Proof Coil Galvanized	4,5,&6,000/72X96"
35	2	091-023-0780	Chain (78"Lg) 3/16"Proof Coil Galvanized	4,5,&6,000/84X96"
35	2	091-023-0900	Chain (90"Lg) 3/16"Proof Coil Galvanized	4,5,&6,000/96X96"
36	2	R3-19203	Hook Snap 4"Lg - 7/16"-20	4,5,&6,000/96"
37	3	034-674	Fitting - 1/4" M X 3/8" Comp	4,5,&6,000/96"
38	1	034-673	Fitting Nylon Tee - (3/8" Comp)	4,5,&6,000/96"
39	2	091-000-0200	Tubing Black Nylon (3/8"X20"LG)	4,5,&6,000/60X96"
39	2	091-000-0320	Tubing Black Nylon (3/8"X32"LG)	4,6,000/72X96"
39	2	091-000-0440	Tubing Black Nylon (3/8"X44"LG)	4,5,&6,000/84X96"
39	2	091-000-0560	Tubing Black Nylon (3/8"X56"LG)	4,5,&6,000/96X96"
39	2	091-000-0520	Tubing Black Nylon (3/8"X52"LG)	5,000/72X96"
40	1	300-5001-35	Hose, #8 Hp (132"Lg) Str.Swivel(2)	4,5,000/60X96"
40	1	300-5001-38	Hose, #8 Hp (144"Lg) Str.Swivel(2)	4,5,000/72X96"
40	1	100-5008-10	Hose, #8 Hp (144"Lg) Str.Swivel(2)	4,000/84X96"
40	1	100-5008-11	Hose, #8 Hp (192"Lg) Str.Swivel(2)	4,5,&6,000/96X96"
40	1	300-5001-38	Hose, #8 Hp (144"Lg) Str.Swivel(2)	5,6,000/84X96"
40	1	100-5008-8	Hose, #8 MP (120"Lg)	6,000/60X96"
40	1	100-5008-9	Hose, #8 MP (144"Lg)	6,000/72X96"
40	1	100-5008-8	Hose, #8 MP (120"Lg)	4,000/60X96"
41	1	091-000-2400	Tubing Black Nylon (3/8"X240")	4,5,&6,000/60X96"
41	1	091-000-2880	Tubing Black Nylon (3/8"X288")	4,5,&6,000/72X96"
41	1	091-000-3360	Tubing Black Nylon (3/8"X336")	4,5,&6,000/84X96"
41	1	091-000-3840	Tubing Black Nylon (3/8"X384")	4,5,&6,000/96X96"
42	1	121-616-1	Bar, Lip Hinge	4,5,&6,000/96"
43	2	013-005	Pin, Spring	4,5,&6,000/96"

7.2 General Assembly - 4 & 5,000 lb. Cap. - 108" Deck Length

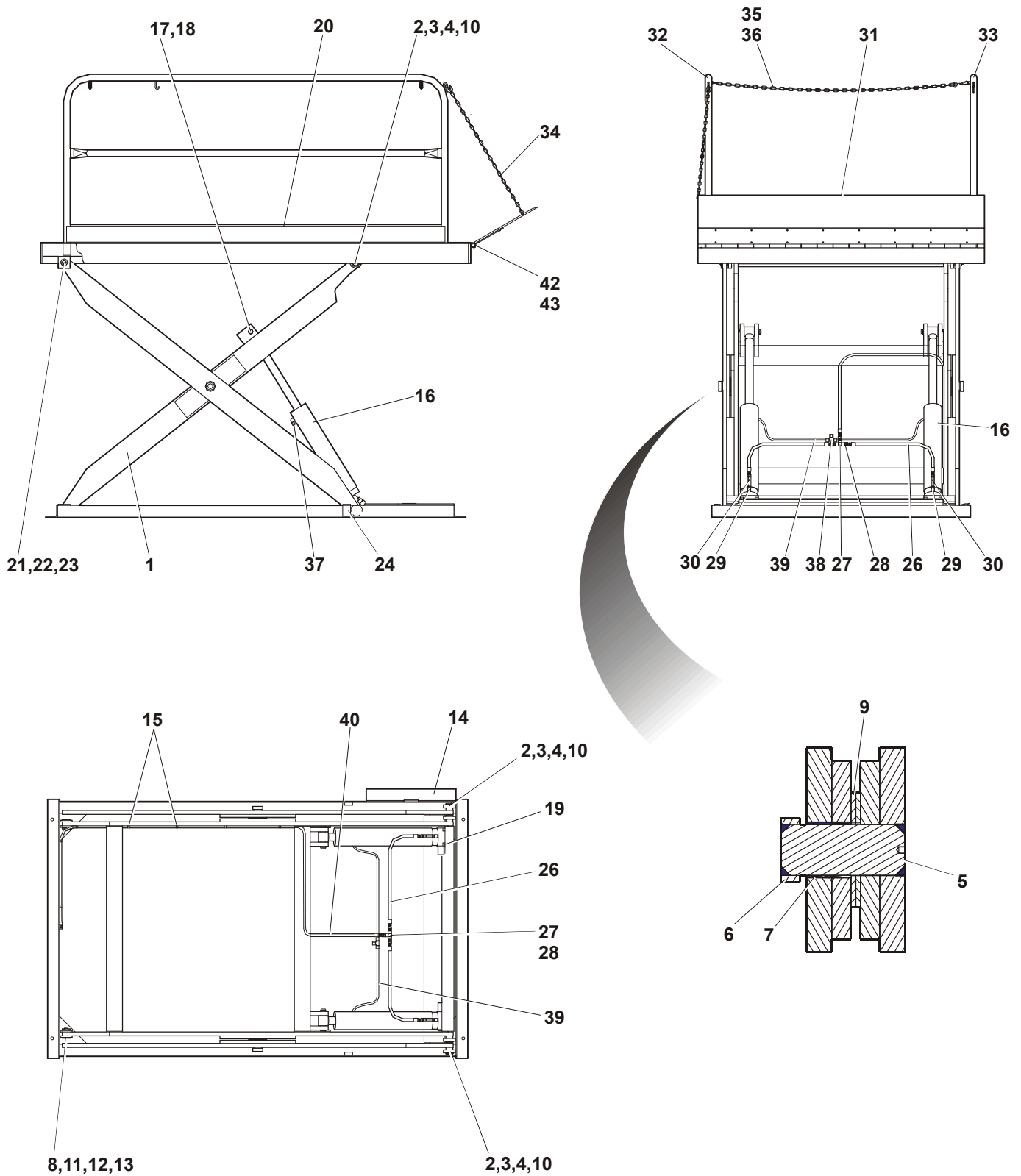


Figure 9 : General Assembly - 4, & 5,000 - 108" Deck Length

General Assembly - 4 & 5,000 lb. Cap. - 108" Deck Length

Item	Qty	Part No	General Description	Specific Description 10" Lowered Height
			General Assembly 4,5,000 - 108" Deck Length	REF.DRG.310-5424
1*	1	313-5221-2	Frame And Leg Weldment	4,5,000/60x108"
1*	1	313-5221-3	Frame And Leg Weldment	4,5/72,84x108"
1*	1	313-5221-4	Frame And Leg Weldment	4,5/96x108"
2	4	019-022	Bearing, 80x40x18mm	4,5,000/108"
3	4	011-066	Capscrew, Hex Skt F/H - 5/16"-18 X 3/4"	4,5,000/108"
4	2	013-005	Spring Pin 5/32"x1"Lg	4,5,000/108"
5	2	114-651	Leg Centre Pin 1" Thk Leg (4-7/8" Lg)	4,5,000/108"
6	2	114-606	Collar - 2" (Centre Pin Mod Ed)	4,5,000/108"
7	2	018-033	Bushing - 2" IDx1-3/4"LG	4,5,000/108"
8	4	018-051	Bushing - 1"IDx3/4"LG	4,5,000/108"
8	4	018-061	Bushing - 1"IDx1"LG	4,5,000/108"
9	2	012-219	Washer,Flt-2.13" IDx4.5"ODx0.187" THK	4,5,000/108"
10	4	121-684	Ring-Spacer (1-7/8" O.D)	4,5,000/108"
11	2	798-043	Pin Ass'y (1" Thick Legs)	4,5,000/108"
12	2	013-012	Spring Pin - 1/4" X 2	4,5,000/108"
13	6	105-879	Washer, 3/4"ODx1-3/16"IDx1/16"THK	4,5,000/108"
14	1	822-440	Strut Weldment, Maintenance	4,5,000/108"
15	8	035-262	Strap (#6 Hose Clamp)	4,5,000/108"
16**	2	780-142-204	Cylinder Ass'y (4"Dia) [20-1/2" Stroke]	4,5,000/108"
17	2	114-993	Pin-Cylinder Pivot	4,5,000/108"
18	4	013-036	Retaining Ring Ext. 1-1/4"ID	4,5,000/108"
19	4	104-476	Lip Stop (3/4"X5/8")	4,5,000/108"
20	1	312-5261-2	Deck Assembly S2 4-5,000/60x108	4,5,000/60x108"
20	1	312-5261-3	Deck Assembly S2 4-5,000/72x108	4,5,000/72x108"
20	1	312-5261-4	Deck Assembly S2 4-5,000/84x108	4,5,000/84x108"
20	1	312-5261-5	Deck Assembly S2 4-5,000/108x108	4,5,000/96x108"
20	1	312-5257-2	Deck Assembly S3 (Tapered) 4-5/60x108	4,5,000/60x108"
20	1	312-5257-3	Deck Assembly S3 (Tapered) 4-5/72x108	4,5,000/72x108"
20	1	312-5257-4	Deck Assembly S3 (Tapered) 4-5/84x108	4,5,000/84x108"
20	1	312-5257-5	Deck Assembly S3 (Tapered) 4-5/96x108	4,5,000/96x108"
21	2	798-043	Pin Ass'y (1" Thick Legs)	4,5,000/108"
22	6	106-389	Spacer Washer - 1-3/4"ODx1"IDx1/16"thk	4,5,000/108"
23	2	013-012	Spring Pin - 1/4" X 2"	4,5,000/108"
24	2	117-005	Roller Stop	4,5,000/108"
25	1	039-066	Paint, Blue (Fast Dry Enamel)	4,5,000/108"
26	2	300-5000-12	Hose, #6 Hp(20"Lg) Str. Swivel(2)	4,5/60x108"
26	2	100-5004-1	Hose, #6 Hp(24"Lg) Str. Swivel(2)	4,5,000/72-84x108"
26	2	300-5000-48	Hose, #6 Hp(38"Lg) Str. Swivel(2)	4,5,000/96x108"
27	1	034-571	Fitting, Tee 022T-6-6	4,5,000/108"
28	2	034-504	Adapter, Fitting 0103-6-6	4,5,000/108"
29	2	034-599	Fitting Elbow Forged #6mp-4mp-90	4,5,000/108"
30	2	033-663	Velocity Fuse 7.5 GPM	4,5,000/108"

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** - SUBASSEMBLY - SHOWN ON SEPARATE PAGE

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General Assembly - 4 & 5,000 lb. Cap. - 108" Deck Length

Item	Qty	Part No	General Description	Specific Description
31	1	302-5002	Lip Assy,60"(18"Lg,4&5#)1pc Lp	4,5,000/108"
32	1	312-5080-5	Guard Rail, Right Side 108"Deck	4,5,000/108"
33	1	312-5077	Guard Rail, Left Side 96-1/2"x45"	4,5,000/108"
33	1	312-5081-5	Guard Rail, Left Side 108"	5,000/72,84X108"
34	1	091-023-0600	Chain (60"Lg) [3/16"Proof Coil Galvanized]	4,5,000/108"
35	2	091-023-0540	Chain (54"Lg) 3/16"Proof Coil Galvanized	4,5,000/60X108"
35	2	091-023-0660	Chain (66"Lg) 3/16"Proof Coil Galvanized	4,5/72X108"
35	2	091-023-0780	Chain (78"Lg) 3/16"Proof Coil Galvanized	4,5,000/84X108"
35	2	091-023-0900	Chain (90"Lg) 3/16"Proof Coil Galvanized	4,5,000/96X108"
36	2	R3-19203	Hook Snap 4"Lg - 7/16"-20	4,5,000/108"
37	3	034-674	Fitting - 1/4" M X 3/8" Comp	4,5,000/108"
38	1	034-673	Fitting Nylon Tee - (3/8" Comp)	4,5,000/108"
39	2	091-000-0516	Tubing Black Nylon (3/8"X51-3/4"LG)	4,5,000/60X108"
40	2	091-000-0576	Tubing Black Nylon (3/8"X57-3/4"LG)	4,5,000/72,84X108"
40	2	091-000-0320	Tubing Black Nylon (3/8"X32"LG)	5,000/72X108"
40	2	091-000-0696	Tubing Black Nylon (3/8"X69-3/4"LG)	4,5,000/96X108"
41	1	300-5001-37	Hose, #8 HP (138"Lg) Str.Swivel(2)	4,5,000/60X108"
41	1	300-5001-40	Hose, #8 HP (156"Lg) Str.Swivel(2)	4,5,000/72X108"
41	1	300-5001-55	Hose Assy #8 HP - (162"Lg.)	4,5,000/84X108"
41	1	300-5001-40	Hose, #8 HP (180"Lg) Str.Swivel(2)	4,5,000/96X108"
42	1	300-5006-3	Vent Line Kit (28"LG)	4,5,000/60X108"
42	1	300-5006-4	Vent Line Kit (29"LG)	4,5,000/72X108"
42	1	300-5006-5	Vent Line Kit (30"LG)	4,5,000/84X108"
42	1	300-5006-7	Vent Line Kit (32"LG)	4,5,000/96X108"
43	1	121-616-1	Bar, Lip Hinge	4,5,000/108"
44	2	013-005	Pin, Spring	4,5,000/108"

7.2.1 Cylinder Assembly- 4 & 5,000 lb. Cap. - 108" Deck Length

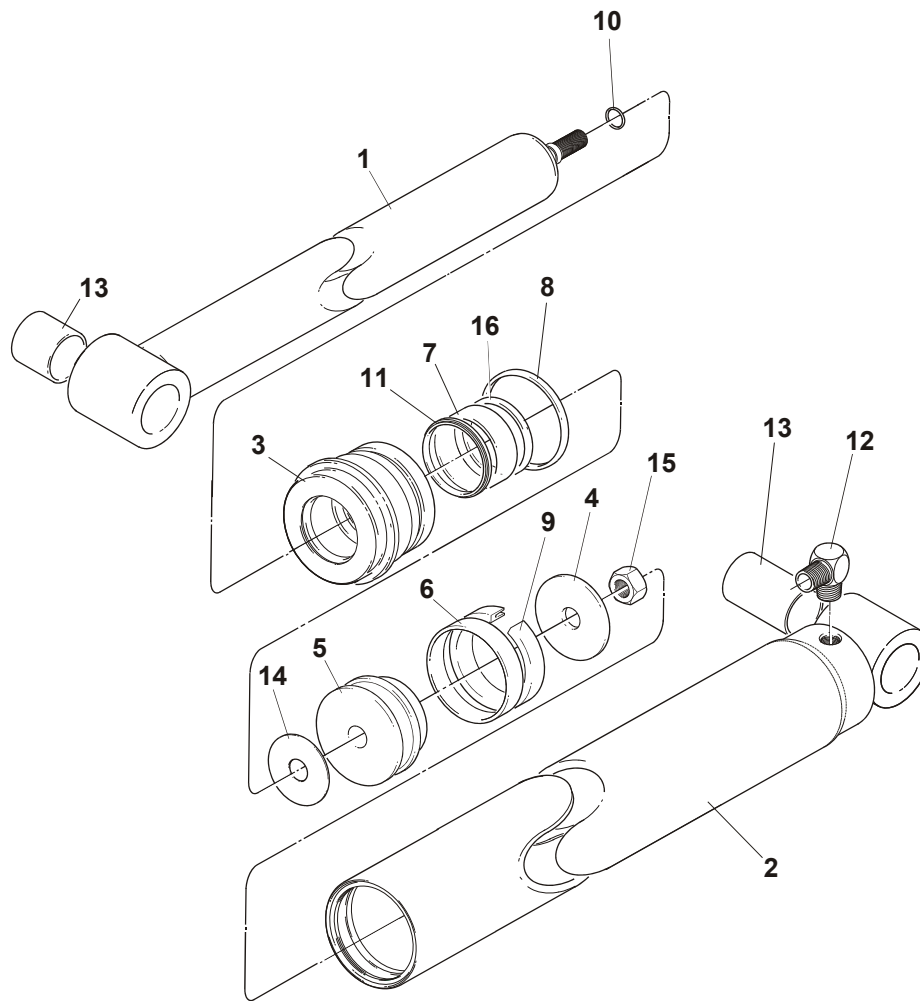


Figure 10 : Cylinder Assembly - Models 4 & 5 - 108" Deck Length

Item	Qty	Part No	General Description	Specific Description
-	-	780-142-204	Cylinder Ass'y (4"Dia) [20-1/2"Stroke]	4,&5,000/108"
1	1	786-855	Ram Assy 3", 3-1/2", & 4"	4,&5,000/108"
2	1	780-143	Housing Weldment (4"Dia)	4,&5,000/108"
3	1	117-989	Headnut 4" Dia. Cyl (2" Dia. Rod)	4,&5,000/108"
4	1	114-980	Piston Washer - (4" Dia)	4,&5,000/108"
5	1	114-638	Piston - 4"Dia Cyl	4,&5,000/108"
6●	1	036-156	Wear Ring Pist.Wd.3-1/2x1/2	4,&5,000/108"
7●	1	036-182	Wear Ring - 3" X .125" Thick	4,&5,000/108"
8●	1	036-130	O-Ring - 4"OD X 3-3/4"ID	4,&5,000/108"
9●	1	036-116	U-Cup - 4" X 3-3/8" X 1/2"	4,&5,000/108"
10●	1	036-108	O-Ring - 3/4"OD X 5/8"ID X 1/16"	4,&5,000/108"
11●	1	036-021	Wiping Ring - 2"ID	4,&5,000/108"
12	1	034-500	Fitting, 6-6	4,&5,000/108"
13	2	018-027	Bushing	4,&5,000/108"
14●	1	117-993	Gasket	4,&5,000/108"
15	1	011-530	Nut, Hex Jam - 3/4"-10	4,&5,000/108"
16●	1	036-176	O-Ring (2-1/4" OD X 2" ID)	4,&5,000/108"
-	-	783-572	Seal Kit Includes Itme Marked (●)	4,&5,000/108"

7.3 General Assembly - 6,000 lb. Cap. - 108" Deck Length

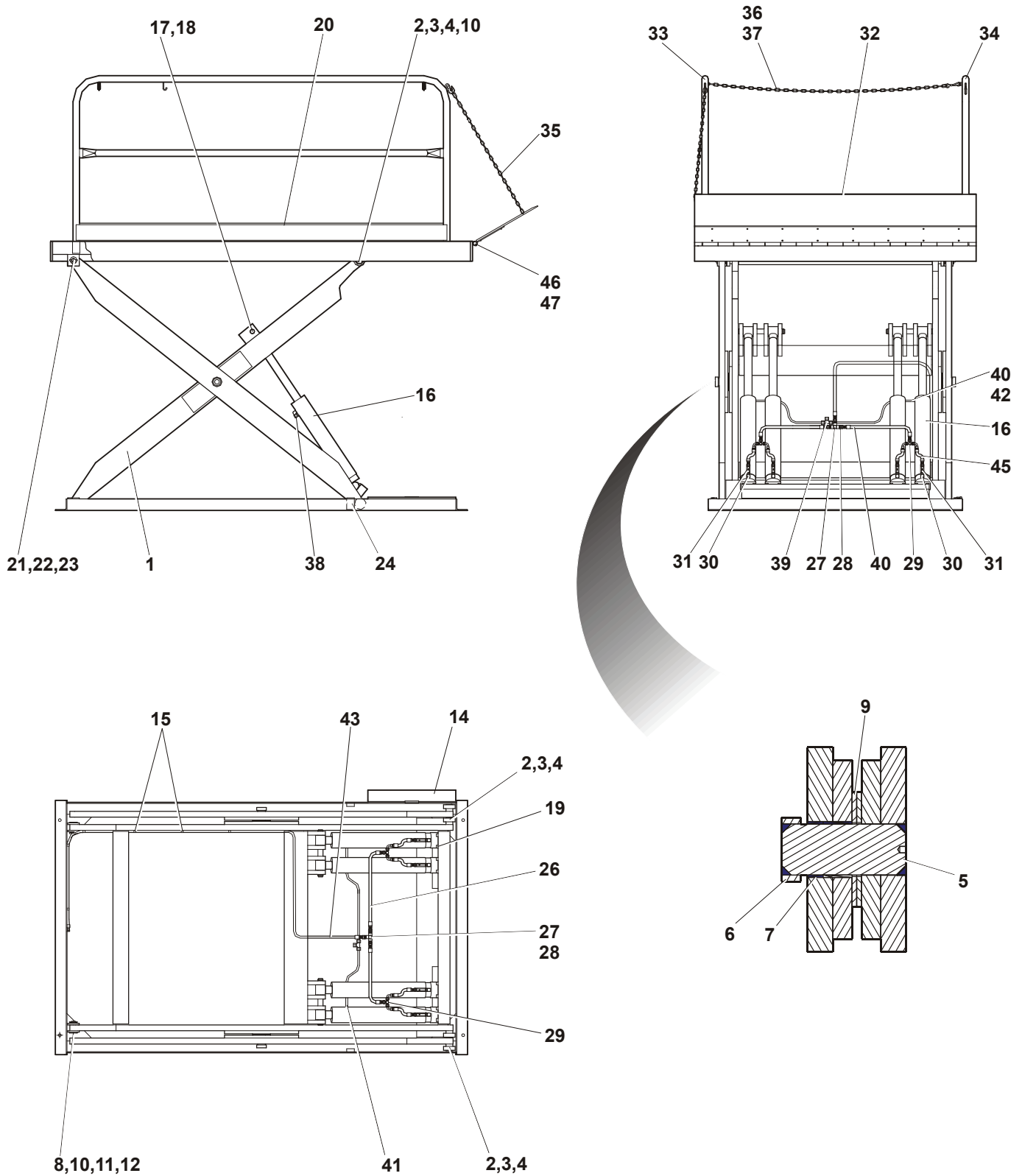


Figure 11 : General Assembly - 6,000 lb. - 108" Deck Length

General Assembly - 6,000 lb. Cap. - 108" Deck Length

Item	Qty	Part No	General Description	Specific Description
-	-	-	General Assy 6,000 - 108" Deck Length	10" Lowered Height
1*	1	313-5222-2	Frame/Leg Weldment	REF. Drwg. 310-5425
1*	1	313-5222-3	Frame/Leg Weldment	6,000/60X108"
1*	1	313-5222-4	Frame/Leg Weldment	6,000/72-84X108"
2	2	019-001	Bearing, 80x40x18mm	6,000/96X108"
3	4	011-066	Capscrew, Hex Sckt F/H-5/16"-18 X 3/4"	6,000/108"
4	2	013-005	Spring Pin 5/32"x1"Lg	6,000/108"
5	2	114-652	Leg Centre Pin 1-1/2" Thk Leg(4-7/8" Lg)	6,000/108"
6	2	114-606	Collar - 2" (Centre Pin Mod)	6,000/108"
7	2	018-031	Bushing - 2"IDx1"LG	6,000/108"
8	4	018-051	Bushing - 1"IDx3/4"LG	6,000/108"
9	2	012-219	Washer, Flat -2.13" IDx4.5"ODx0.187"TH	6,000/108"
10	4	121-684	Ring-Spacer (1-7/8" O.D)	6,000/108"
11	2	798-048	Pin Ass'y (3/4" Thick Legs)	6,000/108"
11	2	798-043	Pin Ass'y (3/4" Thick Legs)	6,000/108"
12	2	013-012	Spring Pin - 1/4" X 2	6,000/108"
13	6	106-389	Spacr Washer, 1-3/4"ODx1"IDx1/16"THK	6,000/108"
14	1	822-440	Strut Weldment, Maintenance	6,000/108"
15	8	035-262	Strap (#6 Hose Clamp)	6,000/108"
16**	4	780-144-200	Cylinder Ass'y (3-1/2"Dia) [20"Stroke]	6,000/108"
17	4	115-043	Pin-Cylinder Pivot	6,000/108"
18	4	013-036	Retaining Ring Ext. - 1-1/4"Id	6,000/108"
19	8	104-476	Lip Stop (3/4"X5/8")	6,000/108"
20	1	312-5261-7	Deck Ass'y S2 6,000/60x108	6,000/60X108"
20	1	312-5261-8	Deck Ass'y S2 6,000/72X108	6,000/72X108"
20	1	312-5261-9	Deck Ass'y S2 6,000/84X108	6,000/84X108"
20	1	312-5261-10	Deck Ass'y S2 6,000/96X108	6,000/96X108"
20	1	312-5257-7	Deck Ass'y S3 (Tapered) 6,000/60x108	6,000/60X108"
20	1	312-5257-8	Deck Ass'y S3 (Tapered) 6,000/72x108	6,000/72X108"
20	1	312-5257-9	Deck Ass'y S3 (Tapered) 6,000/84x108	6,000/84X108"
20	1	312-5257-10	Deck Ass'y S3 (Tapered) 6,000/96x108	6,000/96X108"
21	2	798-049	Pin Ass'y - (1-1/2" Thick Legs)	6,000/108"
22	6	106-389	Spacer Washer - 1-3/4"ODx1"IDx1/16"THK	6,000/108"
23	2	013-012	Spring Pin - 1/4" X 2"	6,000/108"
24	2	117-005	Roller Stop	6,000/108"
25	1.5GA	039-066	Paint, Blue (Fast Dry Enamel)	6,000/108"
26	2	300-5000-12	Hose, #6 HP (20"Lg) Str.Swivel(2)	6,000/60X96"
26	2	300-5000-14	Hose, #6 HP (25"Lg) Str.Swivel(2)	6,000/72-84X96"
26	2	300-5000-48	Hose, #6 Hp (38"Lg) Str.Swivel(2)	6,000/96X96"
27	1	034-571	Fitting, Tee 022T-6-6	6,000/108"
28	2	034-504	Adapter, Fitting 0103-6-6	6,000/108"
29	2	034-551	Fitting, Tee 033T-6-6	6,000/108"
30	2	034-599	Fitting Elbow Forged #6MP-4MP-90°	6,000/108"

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General Assembly - 6,000 lb. Cap. - 108" Deck Length

Item	Qty	Part No	General Description	Specific Description
31	2	033-663	Velocity Fuse, 7.5gpm	6,000/108"
32	1	302-5002-7	Lip Assy,60" (18"LG,6#)	6,000/108"
33	1	312-5080-5	Guard Rail, Right Side 108"Deck	6,000/108"
34	1	312-5081-5	Guard Rail, Left Side 108"Deck	6,000/108"
35	1	091-023-0600	Chain (60"Lg) 3/16"	6,000/108"
36	2	091-023-0540	Chain - 3/16"Galvanized 54"	6,000/60X108"
36	2	091-023-0660	Chain - 3/16"Galvanized 66"	6,000/72X108"
36	2	091-023-0780	Chain - 3/16"Galvanized 78"	6,000/84x108"
36	2	091-023-0900	Chain - 3/16"Galvanized 90"	6,000/96x108"
37	2	R3-19203	Hook Snap 4"Lg	6,000/108"
38	2	034-674	Fitting, 1/4" M X 3/8" COMP	6,000/108"
39	1	034-673	Fitting Nylon Tee - 3/8" Comp,	6,000/108"
40	2	035-085	Fitting, Tee	6,000/108"
41	1	091-000-0340	Tubing, Black Nylon (34"LG")	6,000/60X108"
41	1	091-000-0400	Tubing, Black Nylon (40"LG)	6,000/72-84X108"
41	1	091-000-0520	Tubing, Black Nylon (52"LG)	6,000/96X108"
42	2	091-000-0064	Tubing, Black Nylon (6-1/2" LG.)	6,000/108"
43	1	300-5001-37	Hose, #8 HP (138"Lg) Str.Swivel(2)	6,000/60X108"
43	1	300-5001-40	Hose, #8 HP (156"Lg) Str.Swivel(2)	6,000/72X108"
43	1	300-5001-55	Hose Assy #8 HP - (162"Lg.)	6,000/84X108"
43	1	300-5001-40	Hose, #8 HP (180"Lg) Str.Swivel(2)	6,000/96X108"
44	1	300-5006-3	Vent Line Kit (28'lg)	6,000/60X108"
44	1	300-5006-4	Vent Line Kit (29'lg)	6,000/72X108"
44	1	300-5006-5	Vent Line Kit (30'lg)	6,000/84X108"
44	1	300-5006-6	Vent Line Kit (31'lg)	6,000/96X108"
45	4	300-5000-1	Hose, #6 HP (6"Lg) Str.Swivel(2)	6,000/108"
46	1	106-205	Bar For Lip Hinge (60"Lg)	6,000/108"
47	1	013-010	Spring Pin -1/4" X 1-1/4"	6,000/108"

7.3.1 Cylinder Assembly- 6,000 lb. Cap. - 108" Deck Length

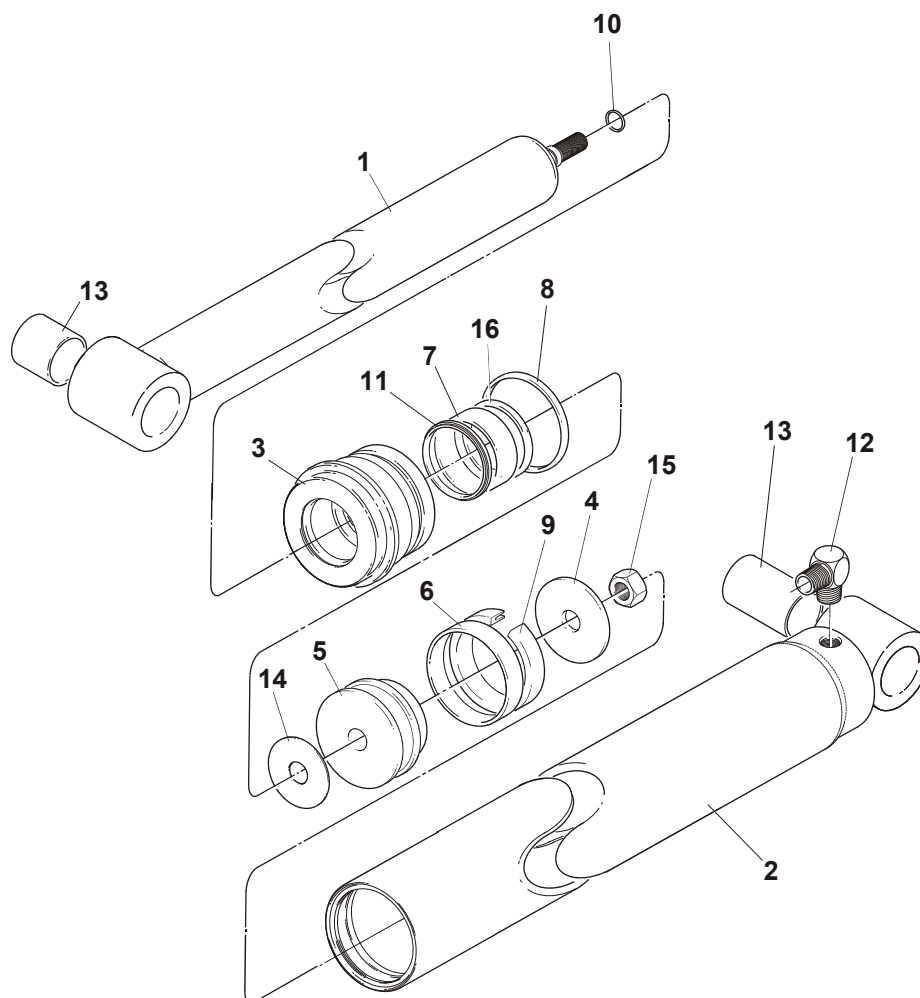


Figure 12 : Cylinder Assembly - 6,000 lb. - 108" Deck Length

Item	Qty	Part No	General Description	Specific Description
-	-	780-144-200	Cylinder Ass'y (3-1/2"Dia) [20"Stroke]	6,000/108"
1	1	786-855	Ram Assy 3", 3-1/2", & 4"	6,000/108"
2	1	780-145	Housing Weldment (4"Dia)	6,000/108"
3	1	117-966	Headnut 3-1/2" Dia. Cyl (2" Dia. Rod)	6,000/108"
4	1	114-979	Piston Washer - (3-1/2" Dia)	6,000/108"
5	1	114-639	Piston - 3-1/2"Dia Cyl	6,000/108"
6●	1	036-155	Wear Ring Pist.Wd.3-1/2x1/2	6,000/108"
7●	1	036-182	Wear Ring - 3" X .125" Thick	6,000/108"
8●	1	036-131	O-Ring - 3-1/2"OD X 3-3/4"ID	6,000/108"
9●	1	036-111	U-Cup - 3-1/2" X 2-7/8" X 1/2"	6,000/108"
10●	1	036-108	O-Ring - 3/4"OD X 5/8"ID X 1/16"	6,000/108"
11●	1	036-021	Wiping Ring - 2"ID	6,000/108"
12	1	034-500	Fitting, 6-6	6,000/108"
13	2	018-027	Bushing	6,000/108"
14●	1	117-993	Gasket	6,000/108"
15	1	011-530	Nut, Hex Jam - 3/4"-10	6,000/108"
16●	1	036-176	O-Ring (2-1/4" OD X 2" ID)	6,000/108"
-	-	783-557	Seal Kit Includes Itme Marked (●)	6,000/108"

7.4 General Assembly - 4,000 lb. Cap. - 120" Deck Length

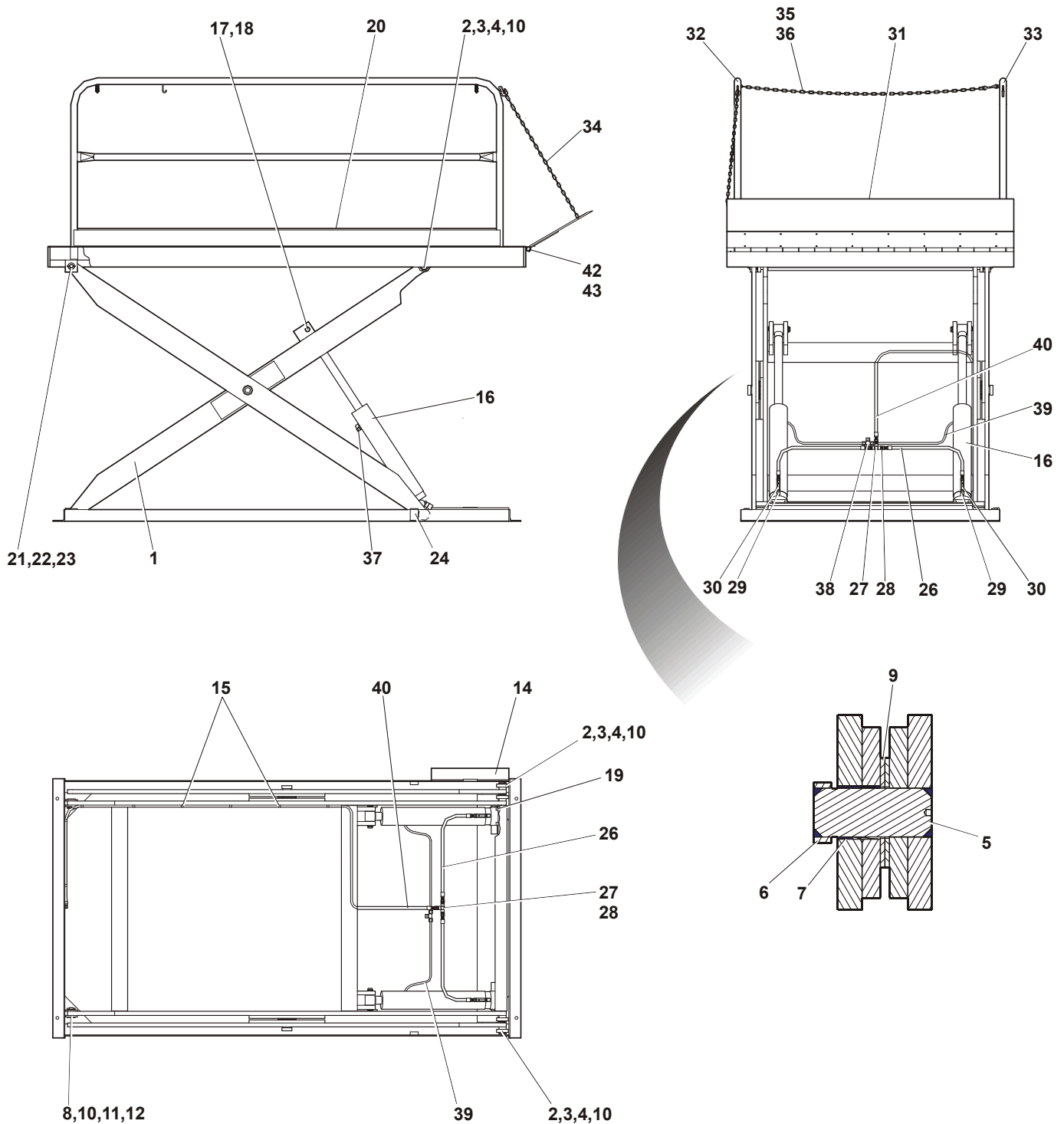


Figure 13 : General; Assembly - 4,000 lb. - 120" Deck Length

General Assembly - 4,000 lb. Cap. - 120" Deck Length

Item	Qty	Part No	General Description	Specific Description
-	-	-	General Assembly ED4 - 120" Deck Length	10" Lowered Height
1*	1	313-5223-2	Frame/Leg Weldment	REF. Drwg. 310-5426
1*	1	313-5223-3	Frame/Leg Weldment	4,000/60X120
1*	1	313-5223-4	Frame/Leg Weldment	ED4/72-84X120
2	2	019-022	Bearing, 80x40x18mm	ED4/96X120
3	4	011-066	Capscrew, Hex Sckt F/H-5/16"-18 X 3/4"	4,000/120"
4	2	013-005	Spring Pin 5/32"x1"Lg	4,000/120"
5	2	114-651	Leg Centre Pin 1" Thk Leg (4-7/8" Lg)	4,000/120"
6	2	114-606	Collar - 2" (Centre Pin Mod Ed)	4,000/120"
7	2	018-033	Bushing - 2"IDx1-3/4"LG	4,000/120"
8	4	018-061	Bushing - 1"IDx1"LG	4,000/120"
9	2	012-219	Washer, Flat-2.13" IDx4.5"ODx0.187"THK	4,000/120"
10	4	121-684	Ring-Spacer (1-7/8" O.D)	4,000/120"
11	2	798-043	Pin Ass'y (3/4" Thick Legs)	4,000/120"
12	2	013-012	Spring Pin - 1/4" X 2	4,000/120"
13	6	105-879	Spacer Washer, 3/4"ODx1-3/16"IDx1/16"THK	4,000/120"
14	1	822-440	Strut Weldment, Maintenance	4,000/120"
15	8	035-262	Strap (#6 Hose Clamp)	4,000/120"
16**	4	780-142-220	Cylinder Ass'y (4"Dia) [22"Stroke]	4,000/120"
17	4	114-993	Pin-Cylinder Pivot	4,000/120"
18	4	013-036	Retaining Ring Ext. - 1-1/4"Id	4,000/120"
19	8	104-476	Lip Stop (3/4"X5/8")	4,000/120"
20	1	312-5262-2	Deck Ass'y S2 4,000/60x120	4,000/60X120"
20	1	312-5262-3	Deck Ass'y S2 4,000/72X120	4,000/72X120"
20	1	312-5262-4	Deck Ass'y S2 4,000/84X120	4,000/84X120"
20	1	312-5262-5	Deck Ass'y S2 4,000/96X120	4,000/96X120"
20	1	312-5258-2	Deck Ass'y S3 (Tapered) 4,000/60X120	4,000/60X120"
20	1	312-5258-3	Deck Ass'y S3 (Tapered) 4,000/72X120	4,000/72X120"
20	1	312-5258-4	Deck Ass'y S3 (Tapered) 4,000/84X120	4,000/84X120"
20	1	312-5258-5	Deck Ass'y S3 (Tapered) 4,000/96X120	4,000/96X120"
21	2	798-043	Pin Ass'y - (1-1/2" Thick Legs)	4,000-120"
22	6	106-389	Spacer Washer - 1-3/4"Odx1"Idx1/16"THK	4,000-120"
23	2	013-012	Spring Pin - 1/4" X 2"	4,000-120"
24	2	117-005	Roller Stop	4,000-120"
25	1.5GA	039-066	Paint, Blue (Fast Dry Enamel)	4,000-120"
26	2	300-5000-12	Hose, #6 HP (20"Lg) Str.Swivel(2)	4,000/60X120"
26	2	300-5000-14	Hose, #6 HP (25"Lg) Str.Swivel(2)	4,000/72-84X120"
26	2	300-5000-48	Hose, #6 Hp (38"Lg) Str.Swivel(2)	4,000/96X120"
27	1	034-571	Fitting, Tee 022T-6-6	4,000/120"
28	2	034-504	Adapter, Fitting 0103-6-6	4,000/120"
29	2	034-599	Fitting Elbow Forged #6mp-4mp-90	4,000/120"
30	2	033-663	Velocity Fuse, 7.5gpm	4,000/120"

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General Assembly - 4,000 lb. Cap. - 120" Deck Length

Item	Qty	Part No	General Description	Specific Description
31	1	302-5002	Lip Assy,60" (18"LG,6#)	4,000/120"
32	1	312-5080-6	Guard Rail, Right Side 120"Deck	4,000/120"
33	1	312-5081-6	Guard Rail, Left Side 120"Deck	4,000/120"
34	1	091-023-0600	Chain (60"Lg) 3/16"	4,000/120"
35	2	091-023-0540	Chain - 3/16"Galvanized 54"	4,000/60X120"
35	2	091-023-0660	Chain - 3/16"Galvanized 66"	4,000/72X120"
35	2	091-023-0780	Chain - 3/16"Galvanized 78"	4,000/84X120"
35	2	091-023-0900	Chain - 3/16"Galvanized 90"	4,000/96X120"
36	2	R3-19203	Hook Snap 4"Lg	4,000/120"
37	2	034-674	Fitting, 1/4" M X 3/8" Comp	4,000/120"
38	1	034-673	Fitting Nylon Tee - 3/8" Comp,	4,000/120"
39	1	091-000-0532	Tubing, Black Nylon (53-1/4"LG)	4,000/60X120"
39	1	091-000-0592	Tubing, Black Nylon (59-1/4"LG)	4,000/72-84X120"
39	1	091-000-0692	Tubing, Black Nylon (69-1/4"LG)	4,000/96X120"
40	1	300-5001-38	Hose, #8 HP (144"Lg) Str.Swivel(2)	4,000/60X120"
40	1	300-5001-40	Hose, #8 HP (156"Lg) Str.Swivel(2)	4,000/72X120"
40	1	300-5001-41	Hose, #8 HP (168"Lg) Str.Swivel(2)	4,000/84X120"
40	1	300-5001-43	Hose, #8 HP (180"Lg) Str.Swivel(2)	4,000/96X120"
41	1	300-5006-4	Vent Line Kit (29'lg)	4,000/60X120"
41	1	300-5006-5	Vent Line Kit (30'lg)	4,000/72X120"
41	1	300-5006-6	Vent Line Kit (31'lg)	4,000/84X120"
41	1	300-5006-7	Vent Line Kit (32'lg)	4,000/96X120"
42	1	121-616-1	Shaft. Lip Hinge	4,000/120"
43	1	013-005	Spring Pin -1/4" X 1-1/4"	4,000/120"

7.4.1 Cylinder Assembly- 4 & 5,000 lb. Cap. - 108" Deck Length

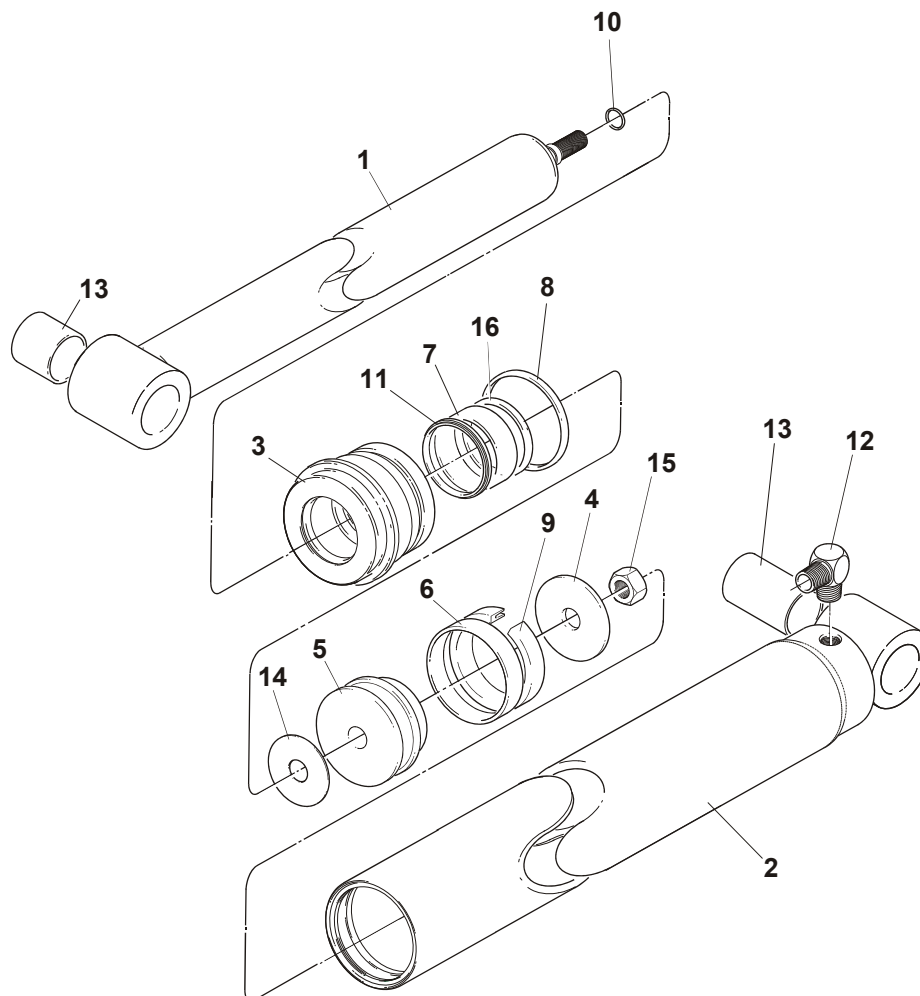
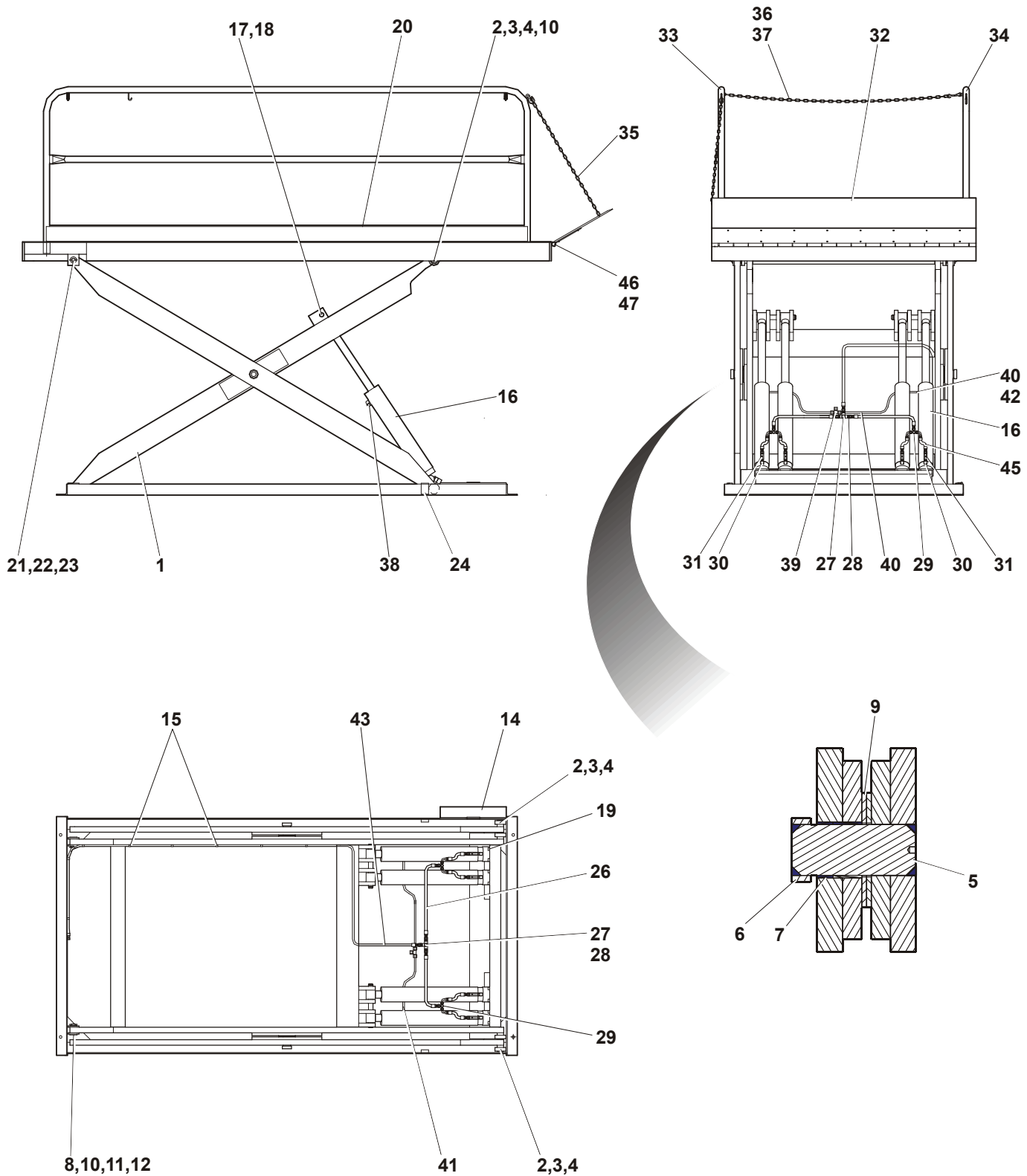


Figure 14 : Cylinder Assembly - 4, & 5,000 - 108" Deck Length

Item	Qty	Part No	General Description	Specific Description
-	-	780-142-220	Cylinder Ass'y (4"Dia) [22"Stroke]	4,000/120"
1	1	786-855	Ram Assy 3", 3-1/2", & 4"	4,000/120"
2	1	780-143	Housing Weldment (4"Dia)	4,000/120"
3	1	117-989	Headnut 4" Dia. Cyl (2" Dia. Rod)	4,000/120"
4	1	114-980	Piston Washer - (4" Dia)	4,000/120"
5	1	114-638	Piston - 4"Dia Cyl	4,000/120"
6●	1	036-156	Wear Ring Pist.Wd.3-1/2x1/2	4,000/120"
7●	1	036-182	Wear Ring - 3" X .125" Thick	4,000/120"
8●	1	036-130	O-Ring - 4"OD X 3-3/4"ID	4,000/120"
9●	1	036-116	U-Cup - 4" X 3-3/8" X 1/2"	4,000/120"
10●	1	036-108	O-Ring - 3/4"OD X 5/8"ID X 1/16"	4,000/120"
11●	1	036-021	Wiping Ring - 2"ID	4,000/120"
12	1	034-500	Fitting, 6-6	4,000/120"
13	2	018-027	Bushing	4,000/120"
14●	1	117-993	Gasket	4,000/120"
15	1	011-530	Nut, Hex Jam - 3/4"-10	4,000/120"
16●	1	036-176	O-Ring (2-1/4" OD X 2" ID)	4,000/120"
-	-	783-572	Seal Kit Includes Items Marked (●)	4,000/120"

7.5 General Assembly - 5 & 6,000 lb. Cap. - 120" Deck Length



General Assembly - 5 & 6,000 lb. Cap. - 120" Deck Length

Item	Qty	Part No	General Description	Specific Description 10" Lowered Height
			General Assembly ED5,6 - 120" Deck Length	REF.DRG.310-5427
1*	1	313-5224-2	Frame And Leg Weldment	5,000/60X120
1*	1	313-5224-3	Frame And Leg Weldment	5,000/72,84X120
1*	1	313-5224-4	Frame And Leg Weldment	5,000/96X120
1*	1	313-5225-2	Frame And Leg Weldment	6,000/60X120
1*	1	313-5225-3	Frame And Leg Weldment	6,000/72,84X120
1*	1	313-5225-4	Frame And Leg Weldment	6,000/96X120
2	4	019-022	Bearing, 80x40x18mm	5,000/120"
2	4	019-001	Bearing Roller - 3"ODx1-5/8"IDx1"W	6,000/120"
3	4	011-066	Capscrew, Hex Sckt F/H-5/16"-18 X 3/4"	5,&6,000/120"
4	2	013-005	Spring Pin 5/32"x1"Lg	5,&6,000/120"
5	2	114-652	Leg Centre Pin 1-1/2" Thk Leg(4-7/8" Lg)	5,&6,000/120"
6	2	114-606	Collar - 2" (Centre Pin Mod Ed)	5,&6,000/120"
7	2	018-031	Bushing - 2" IDx1"LG	5,&6,000/120"
8	4	018-051	Bushing - 1"IDx3/4"LG	5,&6,000/120"
9	2	012-219	Washer,Flat-2.13"IDx4.5"ODx0.187"THK	5,&6,000/120"
10	4	121-684	Ring-Spacer (1-7/8" O.D)	5,&6,000/120"
11	2	798-049	Pin Ass'y (1-1/2" Thick Legs)	5,&6,000/120"
12	2	013-012	Spring Pin - 1/4" X 2	5,&6,000/120"
13	6	105-879	Washer, 3/4"ODx1-3/16"IDx1/16"THK	5,&6,000/120"
14	1	822-440	Strut Weldment, Maintenance	5,&6,000/120"
15	8	035-262	Strap (#6 Hose Clamp)	5,&6,000/120"
16**	2	780-144-214	Cylinder Ass'y (3-1/2"Dia) [21-1/2" Stroke]	5,&6,000/120"
17	2	115-043	Pin-Cylinder Pivot	5,&6,000/120"
18	4	013-036	Retaining Ring Ext. 1-1/4"ID	5,&6,000/120"
19	4	104-476	Lip Stop (3/4"X5/8")	5,&6,000/120"
20	1	312-5262-2	Deck Assembly S2 5,&6,000/60x120	5,&6,000/60X120"
20	1	312-5262-3	Deck Assembly S2 5,&6,000/72x120	5,&6,000/72X120"
20	1	312-5262-4	Deck Assembly S2 5,&6,000/84x120	5,&6,000/84X120"
20	1	312-5262-5	Deck Assembly S2 5,&6,000/96x120	5,&6,000/96X120"
20	1	312-5258-2	Deck Assembly S3 (Taprd) 5,&6,000/60x120	5,&6,000/60X120"
20	1	312-5258-3	Deck Assembly S3 (Taprd) 5,&6,000/72x120	5,000/72X120"
20	1	312-5258-4	Deck Assembly S3 (Taprd) 5,&6,000/84x120	5,000/84X120"
20	1	312-5258-5	Deck Assembly S3 (Taprd) 5,&6,000/96x120	5,000/96X120"
20	1	312-5258-7	Deck Assembly S3 (Tapered) 6,000/60x120	6,000/60X120"
20	1	312-5258-8	Deck Assembly S3 (Tapered) 6,000/72x120	6,000/72X120"
20	1	312-5258-9	Deck Assembly S3 (Tapered) 6,000/84x120	6,000/84X120"
20	1	312-5258-10	Deck Assembly S3 (Tapered) 6,000/96x120	6,000/96X120"
21	2	798-049	Pin Ass'y (1-1/2" Thick Legs)	5,&6,000/120"
22	6	106-389	Spacer Washer - 1-3/4"ODx1"IDx1/16"thk	5,&6,000/120"
23	2	013-012	Spring Pin - 1/4" X 2"	5,&6,000/120"
24	2	117-005	Roller Stop	5,&6,000/120"

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General Assembly - 5 & 6,000 lb. Cap. - 120" Deck Length

Item	Qty	Part No	General Description	Specific Description
25	1	039-066	Paint, Blue (Fast Dry Enamel)	5,&6,000/120"
26	2	300-5000-12	Hose, #6 Hp(20"Lg) Str. Swivel(2)	5,&6,000/60X120"
26	2	300-5000-14	Hose, #6 Hp(24"Lg) Str. Swivel(2)	5,&6,000/72-84X120"
26	2	300-5000-48	Hose, #6 Hp(38"Lg) Str. Swivel(2)	5,&6,000/96X120"
27	1	034-571	Fitting, Tee 022t-6-6	5,&6,000/120"
28	2	034-504	Adapter, Fitting 0103-6-6	5,&6,000/120"
29	2	034-551	Fitting, Tee 033T-6-6	5,&6,000/120"
30	2	034-599	Fitting Elbow Forged #6MP-4MP-90	5,&6,000/120"
31	2	033-663	Velocity Fuse 7.5 GPM	5,&6,000/120"
32	1	302-5002	Lip Assy,60"(18"Lg,4&5#)1pc Lp	5,000/120"
32	1	302-5002-7	Lip Assy,60"(18"Lg,4&5#)1pc Lp	6,000/120"
33	1	312-5080-6	Guard Rail, Right Side 120"Deck	5,&6,000/120"
34	1	312-5081-6	Guard Rail, Left Side 120"Deck	5,&6,000/120"
35	1	091-023-0600	Chain (60"Lg) [3/16"Proof Coil Galvanized]	5,&6,000/120"
36	2	091-023-0540	Chain (54"Lg) 3/16"Proof Coil Galvanized	5,&6,000/60X120"
36	2	091-023-0660	Chain (66"Lg) 3/16"Proof Coil Galvanized	5,&6,000/72X120"
36	2	091-023-0780	Chain (78"Lg) 3/16"Proof Coil Galvanized	5,&6,000/84X120"
36	2	091-023-0900	Chain (90"Lg) 3/16"Proof Coil Galvanized	5,&6,000/96X120"
37	2	R3-19203	Hook Snap 4"Lg - 7/16"-20	5,&6,000/120"
38	3	034-674	Fitting - 1/4" M X 3/8" Comp	5,&6,000/120"
39	1	034-673	Fitting Nylon Tee - (3/8" Comp)	5,&6,000/120"
40	1	035-085	Fitting, Tee	5,&6,000/120"
41	2	091-000-0100	Tubing Black Nylon (3/8"X10"LG)	5,&6,000/60X120"
41	2	091-000-0160	Tubing Black Nylon (3/8"X16"LG)	5,&6,000/72-84X120"
41	2	091-000-0280	Tubing Black Nylon (3/8"X28"LG)	5,&6,000/96X120"
42	2	091-000-0064	Tubing Black Nylon (3/8"X6-1/2"LG)	5,&6,000/120"
43	1	300-5001-38	Hose, #8 HP (144"Lg) Str.Swivel(2)	5,&6,000/60X120"
43	1	300-5001-40	Hose, #8 HP (156"Lg) Str.Swivel(2)	5,&6,000/72X120"
43	1	300-5001-41	Hose, #8 HP (168"Lg) Str.Swivel(2)	5,&6,000/84X120"
43	1	300-5001-43	Hose, #8 HP (180"Lg) Str.Swivel(2)	5,&6,000/96X120"
44	1	300-5006-4	Vent Line Kit (29'lg)	5,&6,000/60X120"
44	1	300-5006-5	Vent Line Kit (30'lg)	5,&6,000/72X120"
44	1	300-5006-6	Vent Line Kit (31'lg)	5,&6,000/84X120"
44	1	300-5006-7	Vent Line Kit (32'lg)	5,&6,000/96X120"
45	4	300-5000-1	Hose, #6 HP 6" LG Str. Swivel(2)	5,&6,000/120"
46	1	121-616-1	Bar, Lip Hinge	5,000/120"
46	1	106-205	Bar, Lip Hinge	6,000/120"
47	2	013-005	Pin, Spring	5,000/120"
47	2	013-010	Pin, Spring	6,000/120"

7.5.1 Cylinder Assembly- 5 & 6,000 lb. Cap. - 120" Deck Length

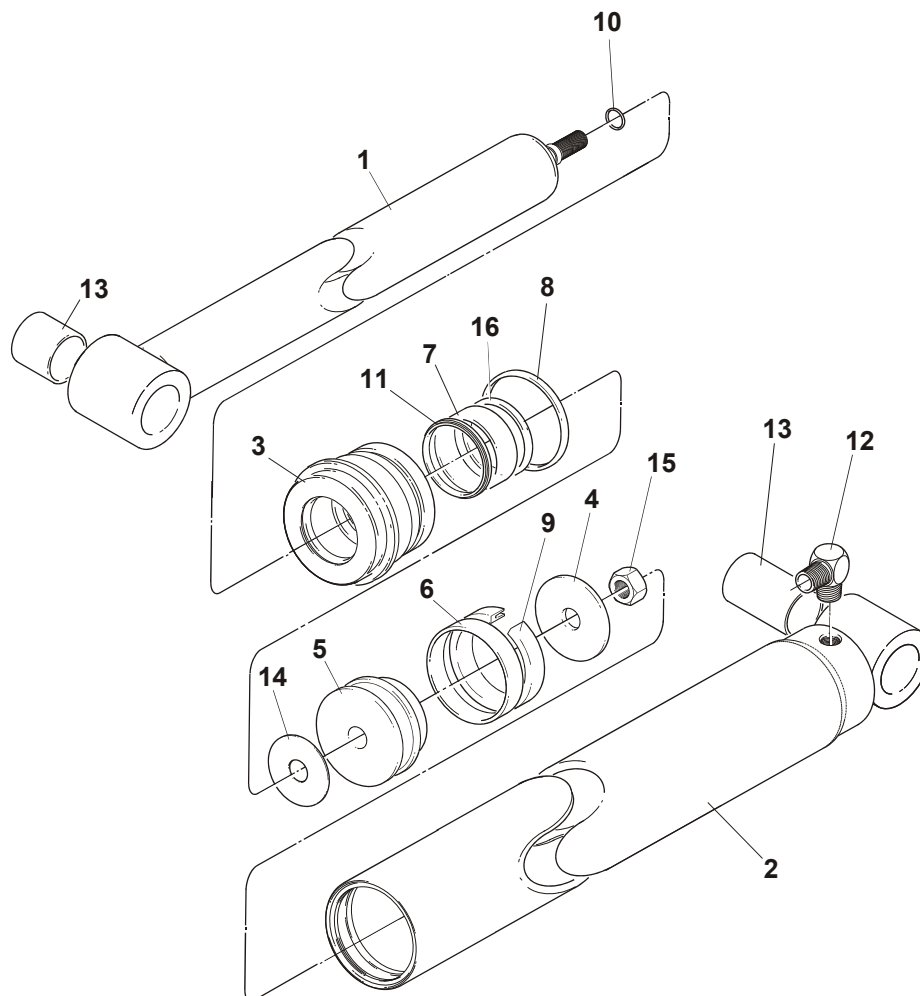


Figure 16 : Cylinder Assembly - 5, & 6,000 - 120" Deck Length

Item	Qty	Part No	General Description	Specific Description
-	-	780-144-214	Cylinder Ass'y (3-1/2"Dia) [21-1/2" Stroke]	5,&6,000/120"
1	1	786-855	Ram Assy 3", 3-1/2", & 4"	5,&6,000/120"
2	1	780-145	Housing Weldment (4"Dia)	5,&6,000/120"
3	1	117-966	Headnut 3-1/2" Dia. Cyl (2" Dia. Rod)	5,&6,000/120"
4	1	114-979	Piston Washer - (3-1/2" Dia)	5,&6,000/120"
5	1	114-639	Piston - 3-1/2"Dia Cyl	5,&6,000/120"
6●	1	036-155	Wear Ring Pist.Wd.3-1/2x1/2	5,&6,000/120"
7●	1	036-182	Wear Ring - 3" X .125" Thick	5,&6,000/120"
8●	1	036-131	O-Ring - 3-1/2"OD X 3-3/4"ID	5,&6,000/120"
9●	1	036-111	U-Cup - 3-1/2" X 2-7/8" X 1/2"	5,&6,000/120"
10●	1	036-108	O-Ring - 3/4"OD X 5/8"ID X 1/16"	5,&6,000/120"
11●	1	036-021	Wiping Ring - 2"ID	5,&6,000/120"
12	1	034-500	Fitting, 6-6	5,&6,000/120"
13	2	018-027	Bushing	5,&6,000/120"
14●	1	117-993	Gasket	5,&6,000/120"
15	1	011-530	Nut, Hex Jam - 3/4"-10	5,&6,000/120"
16●	1	036-176	O-Ring (2-1/4" OD X 2" ID)	5,&6,000/120"
-	-	783-557	Seal Kit Includes Itme Marked (●)	5,&6,000/120"

7.6 General Assembly - 4,000 lb. Cap. - 144" Deck Length

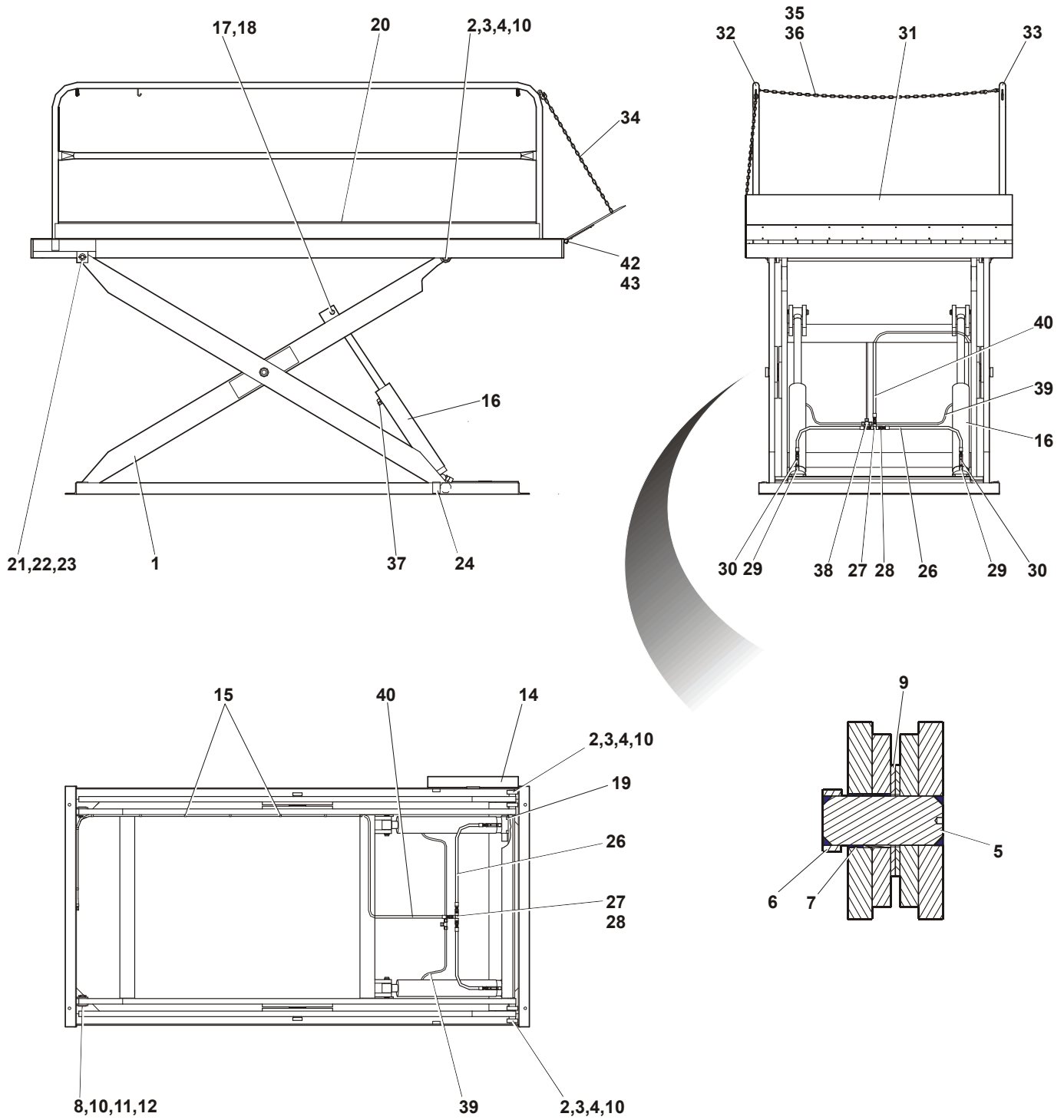


Figure 17 : General Assembly - 4,000 lb. - 144" Deck Length

General Assembly - 4,000 lb. Cap. - 144" Deck Length

Item	Qty	Part No	General Description	Specific Description
-	-	-	General Assy 4,000lb. - 144" Deck Length	10" Lowered Height
1*	1	313-5226-2	Frame/Leg Weldment	REF. Drwg. 310-5428
1*	1	313-5226-3	Frame/Leg Weldment	4,000/60X144"
1*	1	313-5226-4	Frame/Leg Weldment	4,000/72-84X144"
2	2	019-001	Bearing Roller - 3"ODx1-5/8"IDx1"W	4,000/144"
3	2	011-066	Capscrew, Hex Skt F/H - 5/16"-18 x 3/4"	4,000/144"
4	2	013-005	Spring Pin 5/32"x1"Lg	4,000/144"
5	2	114-652	Centre Pin 1-1/2" Thk Leg (5-7/8" Lg)	4,000/144"
6	2	114-606	Collar - 2" (Centre Pin Mod)	4,000/144"
7	2	018-031	Bushing - 2"IDx1"LG	4,000/144"
8	4	018-051	Bushing - 1"IDx3/4"LG	4,000/144"
9	2	012-219	Washer, F.I.P.-2.13" IDx4.5"ODx0.187"Th	4,000/144"
10	4	121-684	Ring-Spacer (1-7/8" O.D)	4,000/144"
11	2	798-049	Pin Ass'y (1-1/2" Thick Legs)	4,000/144"
12	2	013-012	Spring Pin - 1/4" X 2	4,000/144"
13	6	105-879	Washer, 3/4"ODx1-3/16"IDx1/16"THK	4,000/144"
14	1	822-440	Strut Weldment, Maintenance	4,000/144"
15	8	035-262	Strap (#6 Hose Clamp)	4,000/144"
16**	2	780-142-226	Cylinder Ass'y (4"Dia) [22-3/4"Stroke]	4,000/144"
17	2	114-993	Pin-Cylinder Pivot	4,000/144"
18	4	013-036	Retaining Ring Ext. - 1-1/4"ID	4,000/144"
19	4	104-476	Lip Stop (3/4"X5/8")	4,000/144"
20	1	312-5263-2	Deck Ass'y S2 4,000/60x144	4,000/60X144"
20	1	312-5263-3	Deck Ass'y S2 4,000/72X144	4,000/72X144"
20	1	312-5263-4	Deck Ass'y S2 4,000/84X144	4,000/84X144"
20	1	312-5263-5	Deck Ass'y S2 4,000/96X144	4,000/96X144"
20	1	312-5259-2	Deck Ass'y S3 (Tapered) 4,000/60x144	4,000/60X144"
20	1	312-5259-3	Deck Ass'y S2 (Tapered) 4,000/72x144	4,000/72X144"
20	1	312-5259-4	Deck Ass'y S2 (Tapered) 4,000/84x144	4,000/84X144"
20	1	312-5259-5	Deck Ass'y S2 (Tapered) 4,000/96x144	4,000/96X144"
21	2	798-049	Pin Ass'y - (1-1/2" Thick Legs)	4,000/144"
22	6	106-389	Spacer Washer - 1-3/4"ODx1"IDx1/16"THK	4,000/144"
23	2	013-012	Spring Pin - 1/4" X 2"	4,000/144"
24	2	117-005	Roller Stop	4,000/144"
25	1.5GA	039-066	Paint, Blue (Fast Dry Enamel)	4,000/144"
26	2	300-5000-12	Hose, #6 HP (20"Lg) Str.Swivel(2)	4,000/60X144"
26	2	300-5000-14	Hose, #6 HP (25"Lg) Str.Swivel(2)	4,000/72-84X144"
26	2	300-5000-48	Hose, #6 HP (38"Lg) Str.Swivel(2)	4,000/96X144"
27	1	034-571	Fitting, Tee 022T-6-6	4,000/144"
28	2	034-504	Adapter, Fitting 0103-6-6	4,000/144"
29	2	034-599	Fitting Elbow Forged #6MP-4MP-90	4,000/144"
30	2	033-661	Velocity Fuse, 5GPM	4,000/144"

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General Assembly - 4,000 lb. Cap. - 144" Deck Length

Item	Qty	Part No	General Description	Specific Description
31	1	302-5002	Lip Assy,60" (18"LG,6#)	4,000/144"
32	1	312-5080-7	Guard Rail, Right Side 144"Deck	4,000/144"
33	1	312-5081-7	Guard Rail, Left Side 144"Deck	4,000/144"
34	1	091-023-0600	Chain (60"Lg) 3/16"	4,000/144"
35	2	091-023-0540	Chain - 3/16"Galvanized 54"	4,000/60X144"
35	2	091-023-0660	Chain - 3/16"Galvanized 66"	4,000/72X144"
35	2	091-023-0780	Chain - 3/16"Galvanized 78"	4,000/84x144"
35	2	091-023-0900	Chain - 3/16"Galvanized 90"	4,000/96x144"
36	2	R3-19203	Hook Snap 4"Lg	4,000/144"
37	3	034-674	Fitting, 1/4" M X 3/8" Comp.	4,000/144"
38	1	034-673	Fitting Nylon Tee - 3/8" Comp,	4,000/144"
39	1	091-000-0540	Tubing, Black Nylon (54"LG)	4,000/60X144"
39	1	091-000-0600	Tubing, Black Nylon (60"LG)	4,000/72-84X144"
39	1	091-000-0720	Tubing, Black Nylon (72"LG)	4,000/96X144"
40	1	300-5001-40	Hose, #8 HP (156"Lg) Str.Swivel(2)	4,000/72X144"
40	1	300-5001-41	Hose, #8 HP (168"Lg) Str.Swivel(2)	4,000/84X144"
40	1	300-5001-43	Hose, #8 HP (180"Lg) Str.Swivel(2)	4,000/96X144"
40	1	300-5001-45	Hose, #8 HP (192"Lg) Str.Swivel(2)	4,000/60X144"
41	1	300-5006-6	Vent Line Kit (31'l)	4,000/84X144"
41	1	300-5006-7	Vent Line Kit (32'l)	4,000/96X144"
41	1	300-5006-8	Vent Line Kit (33'l)	4,000/60X144"
41	1	300-5006-9	Vent Line Kit (34'l)	4,000/72X144"
42	1	121-616-1	Shaft. Lip Hinge	4,000/144"
43	1	013-005	Spring Pin -1/4" X 1-1/4"	4,000/144"

7.6.1 Cylinder Assembly- 4,000 lb. Cap. - 144" Deck Length

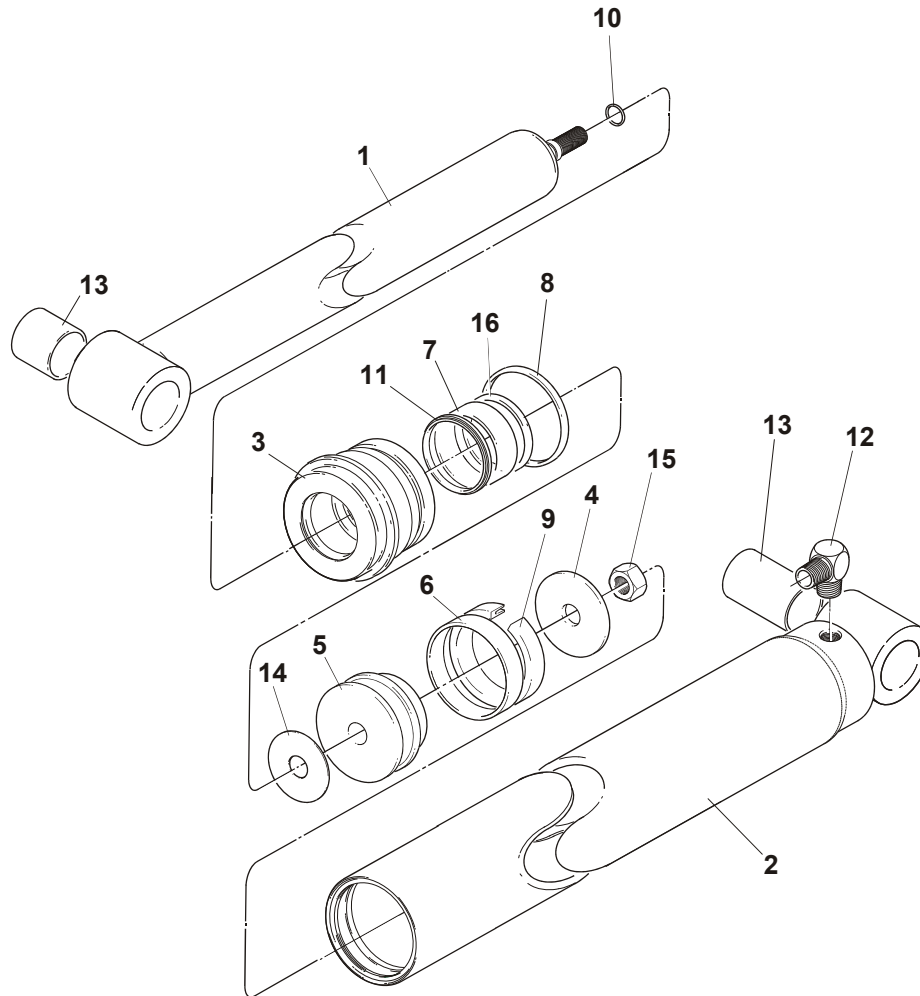


Figure 18 : Cylinder Assembly - 4,000 lb. - 144" Deck Length

Item	Qty	Part No	General Description	Specific Description
-	-	780-142-226	Cylinder Ass'y (4"Dia) [22-3/4"Stroke]	4,000/144"
1	1	786-855	Ram Assy 3", 3-1/2", & 4"	4,000/144"
2	1	780-143	Housing Weldment (4"Dia)	4,000/144"
3	1	117-989	Headnut 4" Dia. Cyl (2" Dia. Rod)	4,000/144"
4	1	114-980	Piston Washer - (4" Dia)	4,000/144"
5	1	114-638	Piston - 4"Dia Cyl	4,000/144"
6●	1	036-156	Wear Ring Pist.Wd.3-1/2x1/2	4,000/144"
7●	1	036-182	Wear Ring - 3" X .125" Thick	4,000/144"
8●	1	036-130	O-Ring - 4"OD X 3-3/4"ID	4,000/144"
9●	1	036-116	U-Cup - 4" X 3-3/8" X 1/2"	4,000/144"
10●	1	036-108	O-Ring - 3/4"OD X 5/8"ID X 1/16"	4,000/144"
11●	1	036-021	Wiping Ring - 2"ID	4,000/144"
12	1	034-500	Fitting, 6-6	4,000/144"
13	2	018-027	Bushing	4,000/144"
14●	1	117-993	Gasket	4,000/144"
15	1	011-530	Nut, Hex Jam - 3/4"-10	4,000/144"
16●	1	036-176	O-Ring (2-1/4" OD X 2" ID)	4,000/144"
-	-	783-572	Seal Kit Includes Items Marked (●)	4,000/144"

7.7 General Assembly - 5 & 6,000 lb. Cap. - 144" Deck Length

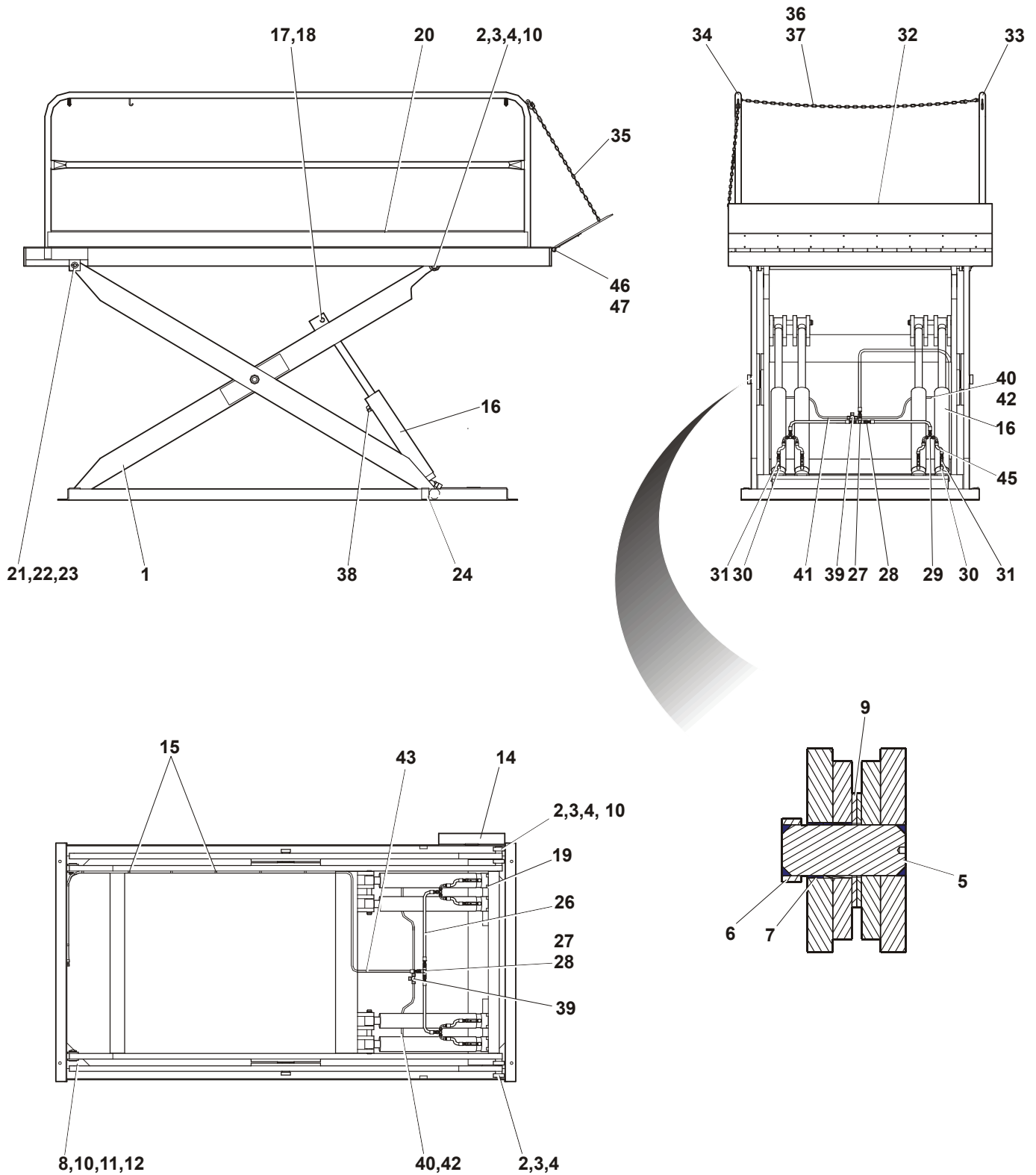


Figure 19 : General Assembly - 5, & 6,000 - 144" Deck Length

General Assembly - 5 & 6,000 lb. Cap. - 144" Deck Length

Item	Qty	Part No	General Description	Specific Description
				10" Lowered Height
			General Assy 5&6,000 - 144" Deck Length	REF.DRG.310-5429
1*	1	313-5227-2	Frame And Leg Weldment	5,000/60X144"
1*	1	313-5227-3	Frame And Leg Weldment	5,000/72,84X144"
1*	1	313-5227-4	Frame And Leg Weldment	5,000/96X144"
1*	1	313-5228-2	Frame And Leg Weldment	6,000/60X144"
1*	1	313-5228-3	Frame And Leg Weldment	6,000/72,84X144"
1*	1	313-5228-4	Frame And Leg Weldment	6,000/96X144"
2	4	019-022	Bearing, 80x40x18mm	5,000/144"
2	4	019-001	Bearing Roller - 3"ODx1-5/8"IDx1"W	6,000/144"
3	4	011-066	Capscrew, Hex Sckt F/H-5/16"-18 X 3/4"	5,&6,000/144"
4	2	013-005	Spring Pin 5/32"x1"Lg	5,&6,000/144"
5	2	114-652	Leg Centre Pin1-1/2" Thk Leg (4-7/8" Lg)	5,&6,000/144"
6	2	114-606	Collar - 2" (Centre Pin Mod Ed)	5,&6,000/144"
7	2	018-031	Bushing - 2" IDx1"LG	5,&6,000/144"
8	4	018-051	Bushing - 1"IDx3/4"LG	5,&6,000/144"
9	2	012-219	Washer,Flat -2.13"IDx4.5"ODx0.187"THK	5,&6,000/144"
10	4	121-684	Ring-Spacer (1-7/8" O.D)	5,&6,000/144"
11	2	798-049	Pin Ass'y (1-1/2" Thick Legs)	5,&6,000/144"
12	2	013-012	Spring Pin - 1/4" X 2	5,&6,000/144"
13	6	105-879	Washer, 3/4"ODx1-3/16"IDx1/16"THK	5,&6,000/144"
14	1	822-440	Strut Weldment, Maintenance	5,&6,000/144"
15	8	035-262	Strap (#6 Hose Clamp)	5,&6,000/144"
16**	2	780-144-222	Cylinder Ass'y (3-1/2"Dia) [22-1/4" Stroke]	5,&6,000/144"
17	2	115-043	Pin-Cylinder Pivot	5,&6,000/144"
18	4	013-036	Retaining Ring Ext. 1-1/4"ID	5,&6,000/144"
19	4	104-476	Lip Stop (3/4"X5/8")	5,&6,000/144"
20	1	312-5263-2	Deck Assembly S2 5,&6,000/60x144	5,&6,000/60X144"
20	1	312-5263-3	Deck Assembly S2 5,&6,000/72x144	5,&6,000/72X144"
20	1	312-5263-4	Deck Assembly S2 5,&6,000/84x144	5,&6,000/84X144"
20	1	312-5263-5	Deck Assembly S2 5,&6,000/96x144	5,&6,000/96X144"
20	1	312-5259-2	Deck Assembly S3 (Tapered) 5,000/60x144	5,000/60X144"
20	1	312-5259-3	Deck Assembly S3 (Tapered) 5,000/72x144	5,000/72X144"
20	1	312-5259-4	Deck Assembly S3 (Tapered) 5,000/84x144	5,000/84X144"
20	1	312-5259-5	Deck Assembly S3 (Tapered) 5,000-6/96x144	5,&6,000/96X144"
20	1	312-5259-7	Deck Assembly S3 (Tapered) 6,000/60x144	6,000/60X144"
20	1	312-5259-8	Deck Assembly S3 (Tapered) 6,000/72x144	6,000/72X144"
20	1	312-5259-9	Deck Assembly S3 (Tapered) 6,000/84x144	6,000/84X144"
20	1	312-5259-10	Deck Assembly S3 (Tapered) 6,000/96x144	6,000/96X144"
21	2	798-049	Pin Ass'y (1-1/2" Thick Legs)	5,&6,000/144"
22	6	106-389	Spacer Washer - 1-3/4"ODx1"IDx1/16"thk	5,&6,000/144"
23	2	013-012	Spring Pin - 1/4" X 2"	5,&6,000/144"
24	2	117-005	Roller Stop	5,&6,000/144"
25	1	039-066	Paint, Blue (Fast Dry Enamel)	5,&6,000/144"

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General Assembly - 5 & 6,000 lb. Cap. - 144" Deck Length

Item	Qty	Part No	General Description	Specific Description
26	2	300-5000-12	Hose, #6 Hp(20"Lg) Str. Swivel(2)	5,&6,000/60X144"
26	2	300-5000-14	Hose, #6 Hp(24"Lg) Str. Swivel(2)	5,&6,000/72-84X144"
26	2	300-5000-48	Hose, #6 Hp(38"Lg) Str. Swivel(2)	5,&6,000/96X144"
27	1	034-571	Fitting, Tee 022t-6-6	5,&6,000/144"
28	2	034-504	Adapter, Fitting 0103-6-6	5,&6,000/144"
29	2	034-551	Fitting, Tee 033T-6-6	5,&6,000/144"
30	2	034-599	Fitting Elbow Forged #6mp-4mp-90	5,&6,000/144"
31	2	033-663	Velocity Fuse 7.5 GPM	5,&6,000/144"
32	1	302-5002	Lip Assy,60"(18"Lg,4&5#)1pc Lp	5,000/144"
32	1	302-5002-7	Lip Assy,60"(18"Lg,4&5#)1pc Lp	6,000/144"
33	1	312-5080-7	Guard Rail, Right Side 144"Deck	5,&6,000/144"
34	1	312-5081-7	Guard Rail, Left Side 144"Deck	5,&6,000/144"
35	1	091-023-0600	Chain (60"Lg) [3/16"Proof Coil Galvanized]	5,&6,000/144"
36	2	091-023-0540	Chain (54"Lg) 3/16"Proof Coil Galvanized	5,&6,000/60X144"
36	2	091-023-0660	Chain (66"Lg) 3/16"Proof Coil Galvanized	5,&6,000/72X144"
36	2	091-023-0780	Chain (78"Lg) 3/16"Proof Coil Galvanized	5,&6,000/84X144"
36	2	091-023-0900	Chain (90"Lg) 3/16"Proof Coil Galvanized	5,&6,000/96X144"
37	2	R3-19203	Hook Snap 4"Lg - 7/16"-20	5,&6,000/144"
38	3	034-674	Fitting - 1/4" M X 3/8" Comp	5,&6,000/144"
39	1	034-673	Fitting Nylon Tee - (3/8" Comp)	5,&6,000/144"
40	2	035-085	Fitting, Tee	5,&6,000/144"
41	2	091-000-0100	Tubing Black Nylon (3/8"X10"LG)	5,&6,000/60X144"
41	2	091-000-0160	Tubing Black Nylon (3/8"X16"LG)	5,&6,000/72-84X144"
41	2	091-000-0280	Tubing Black Nylon (3/8"X28"LG)	5,&6,000/96X144"
42	2	091-000-0064	Tubing Black Nylon (3/8"X6-1/2"LG)	5,&6,000/144"
43	1	300-5001-40	Hose, #8 HP (156"Lg) Str.Swivel(2)	5,&6,000/60X144"
43	1	300-5001-41	Hose, #8 HP (168"Lg) Str.Swivel(2)	5,&6,000/72X144"
43	1	300-5001-43	Hose, #8 HP (180"Lg) Str.Swivel(2)	5,&6,000/84X144"
43	1	300-5001-45	Hose, #8 HP (192"Lg) Str.Swivel(2)	5,&6,000/96X144"
44	1	300-5006-6	Vent Line Kit (31'lg)	5,&6,000/60X144"
44	1	300-5006-7	Vent Line Kit (32'lg)	5,&6,000/72X144"
44	1	300-5006-8	Vent Line Kit (33'lg)	5,&6,000/84X144"
44	1	300-5006-9	Vent Line Kit (34'lg)	5,000/96X144"
45	4	300-5000-1	Hose, #6 HP 6" LG Str. Swivel(2)	5,&6,000/144"
46	1	121-616-1	Bar, Lip Hinge	5,000/144"
46	1	106-205	Bar, Lip Hinge	6,000/144"
47	2	013-005	Pin, Spring	5,000/144"
47	2	013-010	Pin, Spring	6,000/144"

7.7.1 Cylinder Assembly- 5 & 6,000 lb. Cap. - 144" Deck Length

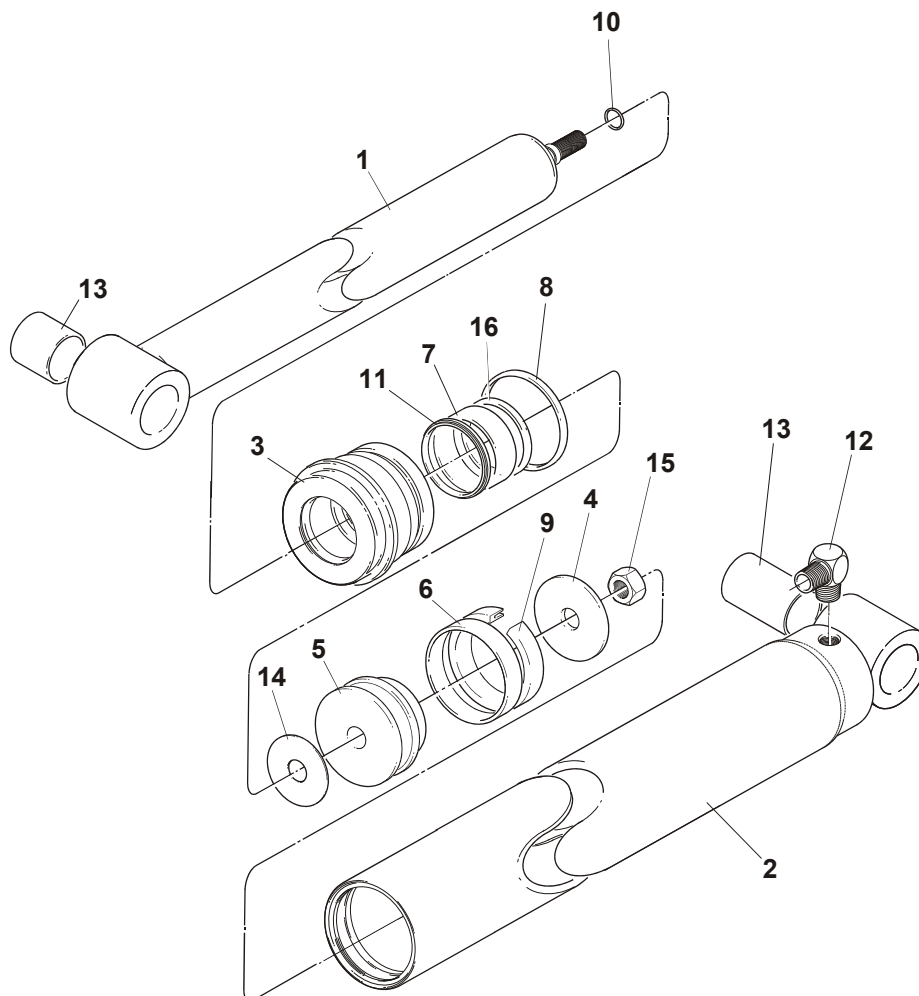


Figure 20 : Cylinder Assembly - 5, & 6,000 lb. - 144" Deck Length

Item	Qty	Part No	General Description	Specific Description
-	-	780-144-222	Cylinder Ass'y (3-1/2"Dia) [22-1/4" Stroke]	5,&6,000/144"
1	1	786-855	Ram Assy 3", 3-1/2", & 4"	5,&6,000/144"
2	1	780-145	Housing Weldment (4"Dia)	5,&6,000/144"
3	1	117-966	Headnut 3-1/2" Dia. Cyl (2" Dia. Rod)	5,&6,000/144"
4	1	114-979	Piston Washer - (3-1/2" Dia)	5,&6,000/144"
5	1	114-639	Piston - 3-1/2"Dia Cyl	5,&6,000/144"
6●	1	036-155	Wear Ring Pist.Wd.3-1/2x1/2	5,&6,000/144"
7●	1	036-182	Wear Ring - 3" X .125" Thick	5,&6,000/144"
8●	1	036-131	O-Ring - 3-1/2"OD X 3-3/4"ID	5,&6,000/144"
9●	1	036-111	U-Cup - 3-1/2" X 2-7/8" X 1/2"	5,&6,000/144"
10●	1	036-108	O-Ring - 3/4"OD X 5/8"ID X 1/16"	5,&6,000/144"
11●	1	036-021	Wiping Ring - 2"ID	5,&6,000/144"
12	1	034-500	Fitting, 6-6	5,&6,000/144"
13	2	018-027	Bushing	5,&6,000/144"
14●	1	117-993	Gasket	5,&6,000/144"
15	1	011-530	Nut, Hex Jam - 3/4"-10	5,&6,000/144"
16●	1	036-176	O-Ring (2-1/4" OD X 2" ID)	5,&6,000/144"
-	-	783-557	Seal Kit Includes Items Marked (●)	5,&6,000/144"

8. Parts Listings - Stationary Elevating Docks - 14" Lowered Height

8.1 General Assembly - 4,5,6 & 8,000 lb. Cap. - 96" Deck Length

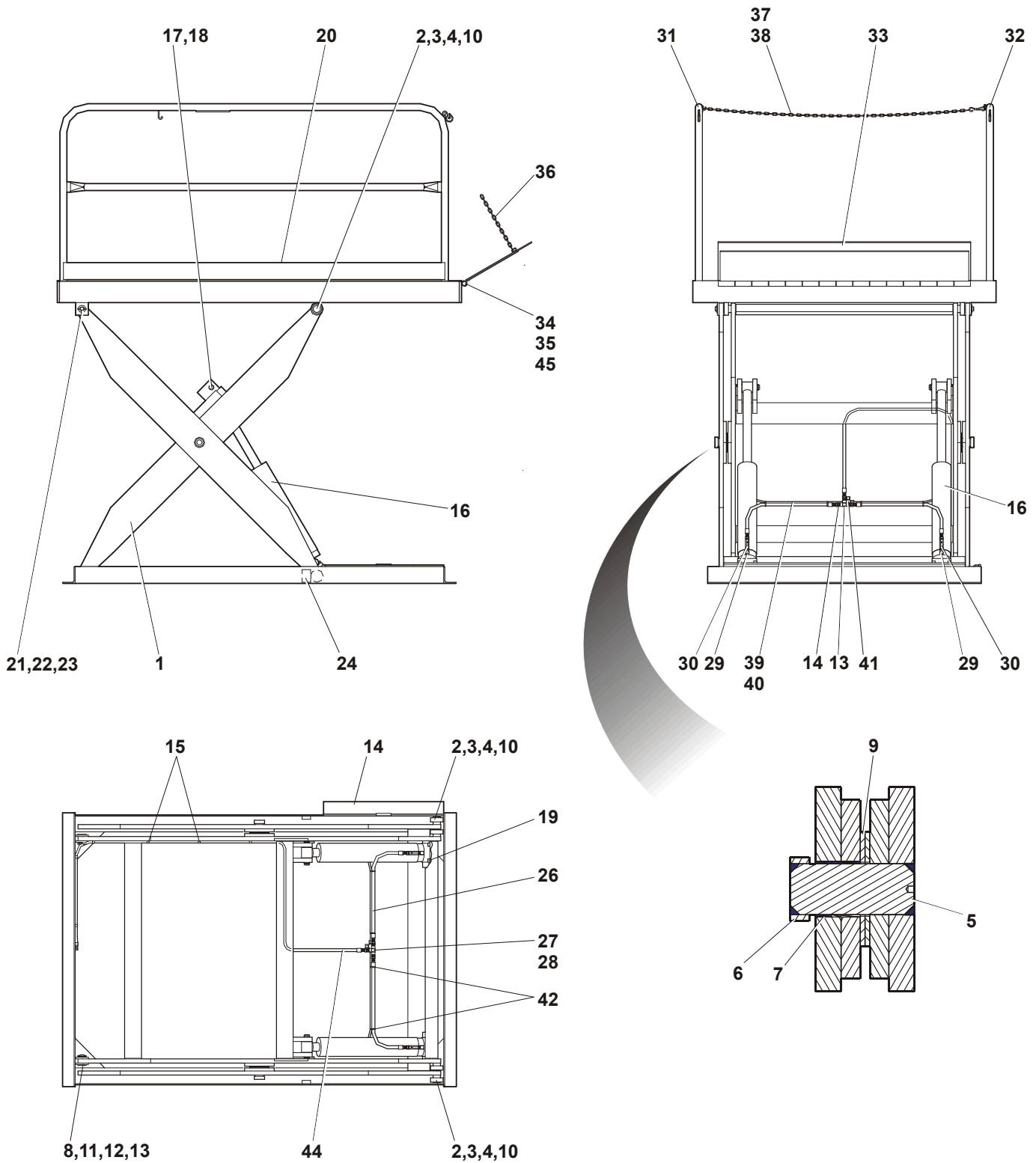


Figure 21 : General Assembly - 4,5,6 & 8,000 lb. - 96" Deck Length

General Assembly - 4,5,6 & 8,000 lb. Cap. - 96" Deck Length

Item	Qty	Part No	General Description	Specific Description
-	-	-	General Assy 4,5,6 & 8,000 - 96" Deck Length	14" Lowered Height
1*	1	313-5048	Frame/Leg Weldment	REF. Drwg. 310-5206
1*	1	313-5049	Frame/Leg Weldment	4,&5,000/60X96"
1*	1	313-5049	Frame/Leg Weldment	4,&5,000/72X96"
1*	1	313-5050	Frame/Leg Weldment	4,&5,000/84X96"
1*	1	313-5053	Frame/Leg Weldment	4,&5,000/96X96"
1*	1	313-5054	Frame/Leg Weldment	6,000/60X96"
1*	1	313-5054	Frame/Leg Weldment	6,000/72-84X96"
1*	1	313-5055	Frame/Leg Weldment	6,000/96X96"
1*	1	313-5058	Frame/Leg Weldment	8,000/60X96"
1*	1	313-5059	Frame/Leg Weldment	8,000/72-84X96"
1*	1	313-5060	Frame/Leg Weldment	8,000/96X96"
2	4	019-022	Bearing, 80x40x18mm	4,&5,000/96"
2	2	019-001	Bearing, 80x40x18mm	6,&8,000/96"
3	4	011-066	Capscrew, Hex Socket F/H - 5/16"-18 X 3/4"	4,5,6,&8,000/96"
4	2	013-005	Spring Pin 5/32"x1"Lg	4,5,6,&8,000/96"
5	2	114-605	Leg Centre Pin - 3/4" Thick Leg (4-3/8" Lg)	4,5,&6,000/96"
5	2	114-651	Leg Centre Pin 1" Thk Leg (4-7/8" Lg)	8,000/96"
6	2	114-606	Collar - 2" (Centre Pin Mod Ed)	4,5,6,&8,000/96"
7	2	018-032	Bushing - 2"IDx1-1/2"LG	4,5,&6,000/96"
7	2	018-033	Bushing - 2" IDx1-3/4"LG	8,000/96"
8	4	018-051	Bushing - 1"IDx3/4"LG	4,5,&6,000/96"
8	4	018-061	Bushing - 1"IDx1"LG	8,000/96"
9	2	012-219	Washer, Flat Pl- 2.13" IDx4.5"ODx0.187" THK	4,5,6,&8,000/96"
10	4	121-684	Ring-Spacer (1-7/8" O.D)	4,&5,000/96"
11	2	798-048	Pin Ass'y (3/4" Thick Legs)	4,5,&6,000/96"
11	2	798-043	Pin Ass'y (3/4" Thick Legs)	8,000/96"
12	2	013-012	Spring Pin - 1/4" X 2	4,&5,000/96"
13	6	106-389	Spacer Washer, 1-3/4"Odx1"IDx1/16"THK	4,&5,000/96"
14	1	822-440	Strut Weldment, Maintenance	4,&5,000/96"
15	8	035-262	Strap (#6 Hose Clamp)	4,&5,000/96"
16**	2	780-140-200	Cylinder Ass'y (3"Dia) [20"Stroke]	4,&5,000/60X96"
16**	2	780-140-204	Cylinder Ass'y (3"Dia) [20-1/2"Stroke]	4,&5,000/72X96, 5/84X96"
16**	2	780-140-200	Cylinder Ass'y (3"Dia) [20"Stroke]	4,000/84X96, 5,000/96X96
16**	2	780-144-200	Cylinder Ass'y (3-1/2"Dia) [20"Stroke]	6,000/96"
16**	2	780-142-200	Cylinder Ass'y (4"Dia) [20"Stroke]	8,000/60,96X96"
16**	2	780-142-204	Cylinder Ass'y (4"Dia) [20-1/2"Stroke]	8,000/72-84X96"
17	2	114-993	Pin-Cylinder Pivot	4,5,6,&8,000/96"
18	4	013-036	Retaining Ring Ext. - 1-1/4"Id	4,5,6,&8,000/96"
19	4	104-476	Lip Stop (3/4"X5/8")	4,5,6,&8,000/96"
20	1	312-5193	Deck Ass'y S2 4,5,&6,000/60x96	4,5,&6,000/60X96"
20	1	312-5194	Deck Ass'y S2 4,5,&6,000/72X96	4,5,&6,000/72X96"
20	1	312-5195	Deck Ass'y S2 4,5,&6,000/84X96	4,&5,000/84X96"
20	1	312-5196	Deck Ass'y S2 4,5,&6,000/96X96	4,5,&6,000/96X96"
20	1	312-5197-3	Deck Ass'y S2 6,000/84X96	6,000/84X96"
20	1	312-5247-1	Deck Ass'y S2 8,000/60X96	8,000/60X96"
20	1	312-5247-2	Deck Ass'y S2 8,000/72X96	8,000/72X96"
20	1	312-5247-3	Deck Ass'y S2 8,000/84X96	8,000/84X96"
20	1	312-5247-4	Deck Ass'y S2 8,000/96X96	8,000/96X96"
20	1	312-5025	Deck Ass'y S3-(Tapered) 4,5,&6,000/60x96	4,5,&6,000/60X96"
20	1	312-5026	Deck Ass'y S3-(Tapered) 4,5,&6,000/72X96	4,5,&6,000/72X96"
20	1	312-5027	Deck Ass'y S3-(Tapered) 4,5,&6,000/84X96	4,5,&6,000/84X96"
20	1	312-5028	Deck Ass'y S3-(Tapered) 4,5,&6,000/96X96	4,5,&6,000/96X96"
20	1	312-5251-1	Deck Ass'y S3-(Tapered) 8,000/60X96	8,000/60X96"
20	1	312-5251-2	Deck Ass'y S3-(Tapered) 8,000/72X96	8,000/72X96"

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General Assembly - 4,5,6 & 8,000 lb. Cap. - 96" Deck Length

Item	Qty	Part No	General Description	Specific Description
20	1	312-5251-3	Deck Ass'y S3-(Tapered) 8,000/84X96	8,000/84X96"
20	1	312-5251-4	Deck Ass'y S3-(Tapered) 8,000/96X96	8,000/96X96"
21	2	798-048	Pin Ass'y - (3/4" Thick Legs)	4,5,6,8,000/96"
21	2	798-043	Pin Ass'y - (1" Thick Legs)	8,000/96"
22	6	106-389	Spacer Washer - 1-3/4"ODx1"IDx1/16"THK	4,5,6,8,000/96"LG.
23	2	013-012	Spring Pin - 1/4" X 2"	4,5,6,8,000/96"LG.
24	2	103-445	Roller Stop	4,5,6,8,000/96"
25	1.5GA	039-066	Paint, Blue (Fast Dry Enamel)	4,5,6,8,000/96"
26	2	300-5000-15	Hose, #6 Hp (26"Lg) Str.Swivel(2)	4,5,6,8,000/60X96"
26	2	300-5000-14	Hose, #6 Hp (25"Lg) Str.Swivel(2)	4,000/72X96"
26	2	300-5000-48	Hose, #6 Hp (38"Lg) Str.Swivel(2)	4,000/84X96"
26	2	300-5000-49	Hose, #6 Hp (54"Lg) Str.Swivel(2)	4,5,6,8,000/96X96"
26	2	300-5000-20	Hose, #6 Hp (34"Lg) Str.Swivel(2)	5,6,8,000/72X96"
26	2	300-5000-14	Hose, #6 Hp (25"Lg) Str.Swivel(2)	5,6,8,000/84X96"
26	2	300-5000-14	Hose, #6 Hp (25"Lg) Str.Swivel(2)	8,000/72-84X96"
27	1	034-571	Fitting, Tee 022T-6-6	4,5,6,8,000/96"LG.
28	2	034-504	Adapter, Fitting 0103-6-6	4,5,6,8,000/96"LG.
29	2	034-599	Fitting Elbow Forged #6MP-4MP-90°	4,5,6,8,000/96"LG.
30	2	033-563	Velocity Fuse, 4.0GPM	4,8,5,000/96"
30	2	033-663	Velocity Fuse, 7.5GPM	6,8,8,000/96"
31	1	312-5080-4	Guard Rail, Right Side 96"Deck	4,5,6,8,000/96"LG.
32	1	312-5076	Guard Rail Weld (84-1/2"X45")	4,5,6,8,000/96"LG.
33	1	302-5002-2	Lip Assy,60" (12"LG,6#)	4,000/60X96"
33	1	302-5002	Lip Assy,60"(18"LG,4&5#)	4,000/72X96"
33	1	302-5002-2	Lip Assy,60" (12"LG,6#)	4,000/84-96X96"
33	1	302-5002	Lip Assy,60"(18"LG,4&5#)	5,000/84X96"
33	1	302-5002-2	Lip Assy,60" (12"LG,6#)	5,000/96X96"
33	1	302-5002-7	Lip Assy,60" (18"LG,6#)	6,000/96"
33	1	302-5007-3	Lip Assy,60" (18"LG,8#)	8,000/96"
33	1	302-5002-7	Lip Assy,60" (18"LG,6#)	8,000/72,84,96X96"
34	1	121-616-1	Bar For Lip Hinge (60"Lg)	4,5,6,8,000/96"LG.
34	1	106-205	Bar For Lip Hinge (60"Lg)	6,000/96"
34	1	809-483	Shaft, Lip (29-1/2"LG)	8,000/60,84,96X96"
34	1	106-205	Bar For Lip Hinge (60"Lg)	8,000/72X96"
35	1	013-005	Spring Pin 5/32"X1"Lg	4,5,6,8,000/96"
35	1	013-011	Spring Pin -1/4" X 1-3/8"	6,8,8,000/96"
36	1	091-023-0600	Chain (60"Lg) 3/16"	4,5,6,8,000/96"
37	2	091-036-0420	Chain - 1/8"Galvanized) (42"Lg)	4,000/60X96"
37	2	091-023-0660	Chain - 3/16"Galvanized 66"	4,5,6,8,000/72X96"
37	2	091-023-0780	Chain - 3/16"Galvanized 78"	4,8,5,000/84X96"
37	2	091-023-0900	Chain - 3/16"Galvanized 90"	4,5,6,8,000/96X96"
37	2	091-023-0540	Chain - 3/16"Galvanized 54"	5,6,8,000/60X96"
37	2	091-023-0780	Chain - 3/16"Galvanized 78"	6,000/84x96"
37	2	091-023-0660	Chain - 3/16"Galvanized 66"	8,000/72X96"
37	2	091-023-0780	Chain - 3/16"Galvanized 78"	8,000/84x96"
38	2	R3-19203	Hook Snap 4"Lg	4,5,6,8,000/96"
39	2	034-674	Fitting, 1/4" M X 3/8" COMP	4,5,6,8,000/96"
40	2	091-000-0460	Tubing, Black Nylon 3/8" X46"	4,5,6,8,000/60X96"
40	2	091-000-0520	Tubing, Black Nylon 3/8" X52"	4,5,6,8,000/72-84X96"
40	2	091-000-0640	Tubing, Black Nylon 3/8" X64"	4,5,6,8,000/96X96"
41	1	034-673	Fitting Nylon Tee - 3/8" Comp,	4,5,6,8,000/96"
42	4	025-087	Cable Ties	4,5,6,8,000/96"
43	1	300-5006-2	Vent Line Kit (27"lg) (Not Shown)	4,5,6,8,000/60X96"
43	1	300-5006-3	Vent Line Kit (28"lg) (Not Shown)	4,5,6,8,000/72X96"
43	1	300-5006-4	Vent Line Kit (29"lg) (Not Shown)	4,5,6,8,000/84X96"
43	1	300-5006-5	Vent Line Kit (30"lg) (Not Shown)	4,5,6,8,000/96X96"
44	1	300-5001-38	Hose, #8 HP (144"Lg) Str. Swivel(2)	4,000/72X96"
44	1	300-5001-38	Hose, #8 HP (144"Lg) Str. Swivel(2)	5,6,000/84X96"
44	1	300-5001-38	Hose, #8 HP (144"Lg) Str. Swivel(2)	8,000/72-84X96"
45	1	120-353	Torsion Spring - Spring Assist Lip	8,000/60,96X96"

8.1.1 Cylinder Assembly- 4,5,6 & 8,000 lb. Cap. - 96" Deck Length

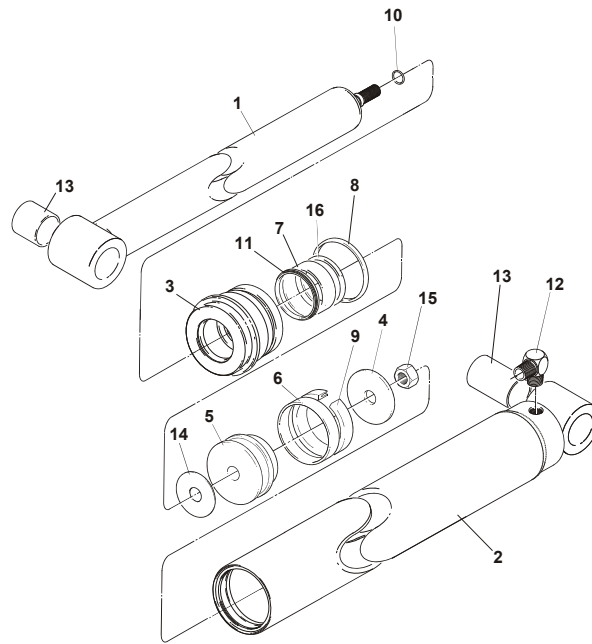


Figure 22 : Cylinder Assembly - 4,5,6 & 8,000 lb. - 96" Deck Length

Item	Qty	Part No	General Description	Specific Description
-	-	780-140-200	Cylinder Ass'y (3"Dia) [20"Stroke]	4,&5,000/96"
-	-	780-140-204	Cylinder Ass'y (3"Dia) [20-1/2"Stroke]	5,000/84X96"
-	-	780-144-200	Cylinder Ass'y (3-1/2"Dia) [20"Stroke]	6,000/96"
-	-	780-142-200	Cylinder Ass'y (4"Dia) [20"Stroke]	8,000/60,96X96"
-	-	780-142-204	Cylinder Ass'y (4"Dia) [20-1/2"Stroke]	8,000/72-84X96"
1	1	786-855	Ram Assy 3", 3-1/2", & 4"	4,&5,000/96"
2	1	783-556	Housing Weldment (3"Dia)	4,&5,000/96"
2	1	780-145	Housing Weldment (3-1/2"Dia)	6,000/96"
2	1	783-573	Housing Weldment (4"Dia)	8,000/96"
3	1	117-991	Headnut 3" Dia. Cyl (2" Dia. Rod)	4,&5,000/96"
3	1	117-966	Headnut 3-1/2" Dia. Cyl (2" Dia. Rod)	6,000/96"
3	1	117-989	Headnut 4" Dia. Cyl (2" Dia. Rod)	8,000/96"
4	1	114-978	Piston Washer - (3" Dia)	4,&5,000/96"
4	1	114-979	Piston Washer - (3-1/2" Dia)	6,000/96"
4	1	114-980	Piston Washer - (4" Dia)	8,000/96"
5	1	114-640	Piston - 3"Dia Cyl	4,&5,000/96"
5	1	114-639	Piston - 3.5"Dia Cyl	6,000/96"
5	1	114-638	Piston - 4"Dia Cyl	8,000/96"
6●	1	036-154	Wear Ring Pist.Wd.3x1/2	4,&5,000/96"
6●	1	036-155	Wear Ring Pist.Wd.3-1/2x1/2	6,000/96"
6●	1	036-156	Wear Ring Pist.Wd.3-1/2x1/2	8,000/96"
7●	1	036-182	Wear Ring - 3" X .125" Thick	4,5,6 & 8,000/96"
8●	1	036-132	O-Ring - 3"OD X 2-3/4"ID	4,&5,000/96"
8●	1	036-131	O-Ring - 3-1/2"OD X 3-3/4"ID	6,000/96"
8●	1	036-130	O-Ring - 4"OD X 3-3/4"ID	8,000/96"
9●	1	036-112	U-Cup - 3" X 2-3/8" X 1/2"	4,&5,000/96"
9●	1	036-111	U-Cup - 3-1/2" X 2-7/8" X 1/2"	6,000/96"
9●	1	036-116	U-Cup - 4" X 3-3/8" X 1/2"	8,000/96"
10●	1	036-108	O-Ring - 3/4"OD X 5/8"ID X 1/16"	4,5,6 & 8,000/96"
11●	1	036-021	Wiping Ring - 2"ID	4,5,6 & 8,000/96"
12	1	034-500	Fitting, 6-6	4,5,6 & 8,000/96"
13	2	018-027	Bushing	4,5,6 & 8,000/96"
14●	1	117-993	Gasket	4,5,6 & 8,000/96"
15	1	011-530	Nut, Hex Jam - 3/4"-10	4,5,6 & 8,000/96"
16●	1	036-176	O-Ring (2-1/4" OD X 2" ID)	4,5,6 & 8,000/96"
-	-	783-553	Seal Kit Includes Items Marked (●)	3" Cylinder
-	-	783-557	Seal Kit Includes Items Marked (●)	3-1/2" Cylinder
-	-	783-572	Seal Kit Includes Items Marked (●)	4" Cylinder

8.2 General Assembly - 4,5,6 & 8,000 lb. Cap. - 108" Deck Length

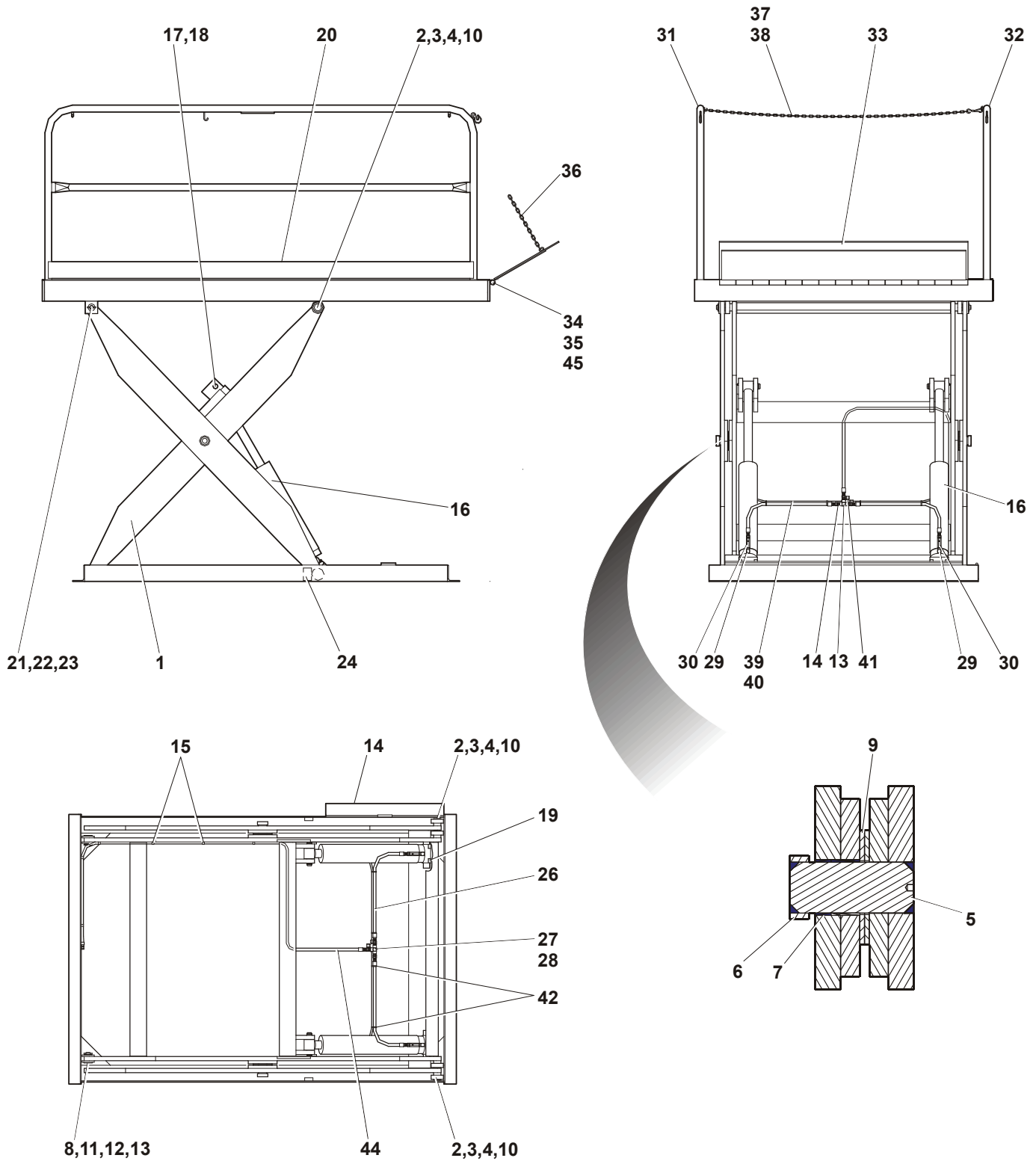


Figure 23 : General Assembly 4,5,6 & 8,000 lb. - 108" Deck Length

General Assembly - 4,5,6 & 8,000 lb. Cap. - 108" Deck Length

Item	Qty	Part No	General Description	Specific Description
			General Assy 4,5,6 & 8,000 - 108" Deck Lg.	REF Drwg. 310-5227
-	-	313-5048	Frame/Leg Weldment	4,&5,000/60X108"
-	-	313-5049	Frame/Leg Weldment	4,&5,000/72X108"
-	-	313-5049	Frame/Leg Weldment	4,&5,000/84X108"
-	-	313-5050	Frame/Leg Weldment	4,&5,000/96X108"
-	-	313-5053	Frame/Leg Weldment	6,000/60X108"
-	-	313-5054	Frame/Leg Weldment	6,000/72-84X108"
-	-	313-5055	Frame/Leg Weldment	6,000/96X108"
-	-	313-5058	Frame/Leg Weldment	8,000/60X108"
-	-	313-5059	Frame/Leg Weldment	8,000/72-84X108"
-	-	313-5060	Frame/Leg Weldment	8,000/96X108"
2	4	019-022	Bearing, 80x40x18mm	4,&5,000"
2	2	019-001	Bearing, 3"OD X 1-5/8"ID X 1"W	6,&8,000"
3	4	011-066	Capscrew, Hex Sckt F/H-5/16"-18 X 3/4"	4,5,6,&8,000"
4	2	013-005	Spring Pin 5/32"x1"Lg	4,5,6,&8,000"
5	2	114-605	Leg Centre Pin-3/4" Thick Leg (4-3/8" Lg)	4,5,&6,000"
5	2	114-651	Leg Centre Pin 1" Thk Leg (4-7/8" Lg)	8,000"
6	2	114-606	Collar - 2" (Centre Pin Mod Ed)	4,5,6,&8,000"
7	2	018-032	Bushing - 2"IDx1-1/2"LG	4,5,&6,000"
7	2	018-033	Bushing - 2" IDx1-3/4"LG	8,000"
8	4	018-051	Bushing - 1"IDx3/4"LG	4,5,&6,000"
8	4	018-061	Bushing - 1"IDx1"LG	8,000"
9	2	012-219	Washer,Flat-2.13" IDx4.5"ODx0.187" THK	4,5,6,&8,000"
10	4	121-684	Ring-Spacer (1-7/8" O.D)	4,&5,000"
11	2	798-048	Pin Ass'y (3/4" Thick Legs)	4,5,&6,000"
11	2	798-043	Pin Ass'y (3/4" Thick Legs)	8,000"
12	2	013-012	Spring Pin - 1/4" X 2	4,&5,000"
13	6	106-389	Spacer Washer, 1-1/4"ODx1"IDx1/16"THK	4,&5,000"
14	1	822-440	Strut Weldment, Maintenance	4,&5,000"
15	8	035-262	Strap (#6 Hose Clamp)	4,&5,000"
16**	2	780-140-200	Cylinder Ass'y (3"Dia) [20"Stroke]	4,&5,000"
16**	2	780-144-200	Cylinder Ass'y (3-1/2"Dia) [20"Stroke]	6,000/60,72,96X108"
16**	2	780-144-204	Cylinder Ass'y (3-1/2"Dia) [20-1/2"Stroke]	6,000/84X108"
16**	2	780-142-200	Cylinder Ass'y (4"Dia) [20"Stroke]	8,000/108"
17	2	114-993	Pin-Cylinder Pivot	4,5,6,&8,000/108"
18	4	013-036	Retaining Ring Ext. - 1-1/4"Id	4,5,6,&8,000/108"
19	4	104-476	Lip Stop (3/4"X5/8")	4,5,6,&8,000/108"
20	1	312-5199	Deck Ass'y S2 4,5,&6,000/60x108	4,5,&6,000/60X108"
20	1	312-5200	Deck Ass'y S2 4,5,&6,000/72X108	4,5,&6,000/72X108"
20	1	312-5201	Deck Ass'y S2 4,5,&6,000/84X108	4,5,&6,000/84X108"
20	1	312-5202	Deck Ass'y S2 4,5,&6,000/96X108	4,5,&6,000/96X108"
20	1	312-5248-1	Deck Ass'y S2 8,000/60X108	8,000/60X108"
20	1	312-5248-2	Deck Ass'y S2 8,000/72X108	8,000/72X108"
20	1	312-5248-3	Deck Ass'y S2 8,000/84X108	8,000/84X108"
20	1	312-5248-4	Deck Ass'y S2 8,000/96X108	8,000/96X108"

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** - SUBASSEMBLY SHOWN OWN SEPARATE PAGE

Continued...

General Assembly - 4,5,6 & 8,000 lb. Cap. - 108" Deck Length

Item	Qty	Part No	General Description	Specific Description
20	1	312-5037	Deck Ass'y S3-(Tapered) 4,5,&6,000/60x96	4,5,&6,000/60X108"
20	1	312-5038	Deck Ass'y S3-(Tapered) 4,5,&6,000/72X96	4,5,&6,000/72X108"
20	1	312-5039	Deck Ass'y S3-(Tapered) 4,5,&6,000/84X96	4,5,&6,000/84X108"
20	1	312-5040	Deck Ass'y S3-(Tapered) 4,5,&6,000/96X96	4,5,&6,000/96X108"
20	1	312-5251-1	Deck Ass'y S3-(Tapered) 8,000/60X96	8,000/60X108"
20	1	312-5243-2	Deck Ass'y S3-(Tapered) 8,000/72X96	8,000/72X108"
20	1	312-5243-3	Deck Ass'y S3-(Tapered) 8,000/84X96	8,000/84X108"
20	1	312-5243-4	Deck Ass'y S3-(Tapered) 8,000/96X96	8,000/96X108"
21	2	798-048	Pin Ass'y - (3/4" Thick Legs)	4,000"
21	2	798-043	Pin Ass'y - (1" Thick Legs)	5,6,&8,000"
22	6	106-389	Spacer Washer - 1-3/4"Odx1"Idx1/16"THK	4,5,6,&8,000/108"
23	2	013-012	Spring Pin - 1/4" X 2"	4,5,6,&8,000/108"
24	2	103-445	Roller Stop	4,5,6,&8,000/108"
25	1.5GA	039-066	Paint, Blue (Fast Dry Enamel)	4,5,6,&8,000/108"
26	2	300-5000-15	Hose, #6 Hp (26"Lg) Str.Swivel(2)	4,5,6,&8,000/108"
26	2	300-5000-20	Hose, #6 Hp (34"Lg) Str.Swivel(2)	4,5,6,&8,000/84-72X108
26	2	300-5000-48	Hose, #6 Hp (38"Lg) Str.Swivel(2)	4,5,6,&8,000/84X108"
26	2	300-5000-49	Hose, #6 Hp (54"Lg) Str.Swivel(2)	4,5,6,&8,000/96X108"
27	1	034-571	Fitting, Tee 022t-6-6	4,5,6,&8,000/108"
28	2	034-504	Adapter, Fitting 0103-6-6	4,5,6,&8,000/108"
29	2	034-599	Fitting Elbow Forged #6mp-4mp-90	4,5,6,&8,000/108"
30	2	033-563	Velocity Fuse, 4.0gpm	4,&5,000"
30	2	033-663	Velocity Fuse, 7.5gpm	6,&8,000"
31	1	312-5080-5	Guard Rail, Right Side 108"Deck	4,5,6,&8,000/108"
32	1	312-5077	Guard Rail Weld (96-1/2"X45")	4,5,6,&8,000/108"
33	1	302-5002	Lip Assy,60" (18"LG)	4,&5,000/108"
33	1	302-5002-7	Lip Assy,60" (18"LG,6#)	6,000/108"
33	1	302-5002-12	Lip Assy,60" (18"LG,8#)	8,000/108"
34	1	121-616-1	Bar For Lip Hinge (60"Lg)	4,&5,000/108"
34	1	106-205	Bar For Lip Hinge (60"Lg)	6,&8,000/108"
35	2	013-005	Spring Pin 5/32"X1"Lg	4,&5,000/108"
35	2	013-011	Spring Pin -1/4" X 1-3/8"	6,&8,000/108"
36	1	091-023-0600	Chain (60"Lg) 3/16"	4,5,6,&8,000/108"
37	2	091-023-0540	Chain - 3/16"Galvanized 54"	4,5,6,&8,000/60X108"
37	2	091-023-0660	Chain - 3/16"Galvanized 66"	4,5,6,&8,000/72X108"
37	2	091-023-0780	Chain - 3/16"Galvanized 78"	4,5,6,&8,000/84X108"
37	2	091-023-0900	Chain - 3/16"Galvanized 90"	4,5,6,&8,000/96X108"
38	2	R3-19203	Hook Snap 4"Lg	4,5,6,&8,000/108"
39	2	034-674	Fitting, 1/4" M X 3/8" COMP	4,5,6,&8,000/108"
40	2	091-000-0460	Tubing, Black Nylon 3/8" X46"	4,5,6,&8,000/60X108"
40	2	091-000-0520	Tubing, Black Nylon 3/8" X52"	4,5,6,&8,000/72-84X108
40	2	091-000-0640	Tubing, Black Nylon 3/8" X64"	4,5,6,&8,000/96X108"
41	1	034-673	Fitting Nylon Tee - 3/8" Comp,	4,5,6,&8,000/108"
42	4	025-087	Cable Ties	4,5,6,&8,000/108"
43	1	300-5006-3	Vent Line Kit (28'lg)	4,5,6,&8,000/60X108"
43	1	300-5006-4	Vent Line Kit (29'lg)	4,5,6,&8,000/72X108"
43	1	300-5006-5	Vent Line Kit (30'lg)	4,5,6,&8,000/84X108"
43	1	300-5006-6	Vent Line Kit (31'lg)	4,5,6,&8,000/96X108"
44	1	300-5001-37	Hose, #8 HP (138"Lg) Str. Swivel(2)	6,000/84X108"
44	1	300-5001-37	Hose, #8 HP (138"Lg) Str. Swivel(2)	8,000/72X108"
45	2	120-353	Torsion Spring - Spring Assist Lip	8,000/60,84,96X108"

8.2.1 Cylinder Assembly- 4,5,6 & 8,000 lb. Cap. - 108" Deck Length

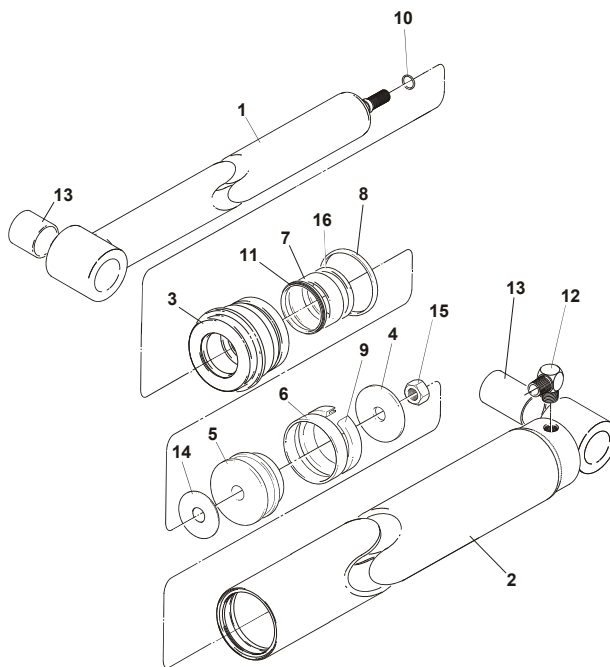


Figure 24 : Cylinder Assembly - 4,5,6 & 8,000 lb. - 108" Deck Length

Item	Qty	Part No	General Description	Specific Description
-	-	780-140-200	Cylinder Ass'y (3"Dia) [20"Stroke]	4, & 5,000/108"
-	-	780-144-200	Cylinder Ass'y (3-1/2"Dia) [20"Stroke]	6,000/60,72,96X108"
-	-	780-144-204	Cylinder Ass'y (3-1/2"Dia) [20-1/2"Stroke]	6,000/84X108"
-	-	780-142-200	Cylinder Ass'y (4"Dia) [20"Stroke]	8,000/108"
1	1	786-855	Ram Assy 3", 3-1/2", & 4"	4, & 5,000/108"
2	1	783-556	Housing Weldment (3"Dia)	4, & 5,000/108"
2	1	780-145	Housing Weldment (3-1/2"Dia)	6,000/108"
2	1	783-573	Housing Weldment (4"Dia)	8,000/108"
3	1	117-991	Headnut 3" Dia. Cyl (2" Dia. Rod)	4, & 5,000/108"
3	1	117-966	Headnut 3-1/2" Dia. Cyl (2" Dia. Rod)	6,000/108"
3	1	117-989	Headnut 4" Dia. Cyl (2" Dia. Rod)	8,000/108"
4	1	114-978	Piston Washer - (3" Dia)	4, & 5,000/108"
4	1	114-979	Piston Washer - (3-1/2" Dia)	6,000/108"
4	1	114-980	Piston Washer - (4" Dia)	8,000/108"
5	1	114-640	Piston - 3"Dia Cyl	4, & 5,000/108"
5	1	114-639	Piston - 3.5"Dia Cyl	6,000/108"
5	1	114-638	Piston - 4"Dia Cyl	8,000/108"
6●	1	036-154	Wear Ring Pist.Wd.3x1/2	4, & 5,000/108"
6●	1	036-155	Wear Ring Pist.Wd.3-1/2x1/2	6,000/108"
6●	1	036-156	Wear Ring Pist.Wd.3-1/2x1/2	8,000/108"
7●	1	036-182	Wear Ring - 3" X .125" Thick	4,5,6 & 8,000/108"
8●	1	036-132	O-Ring - 3"OD X 2-3/4"ID	4, & 5,000/108"
8●	1	036-131	O-Ring - 3-1/2"OD X 3-3/4"ID	6,000/108"
8●	1	036-130	O-Ring - 4"OD X 3-3/4"ID	8,000/108"
9●	1	036-112	U-Cup - 3" X 2-3/8" X 1/2"	4, & 5,000/108"
9●	1	036-111	U-Cup - 3-1/2" X 2-7/8" X 1/2"	6,000/108"
9●	1	036-116	U-Cup - 4" X 3-3/8" X 1/2"	8,000/108"
10●	1	036-108	O-Ring - 3/4"OD X 5/8"ID X 1/16"	4,5,6 & 8,000/108"
11●	1	036-021	Wiping Ring - 2"ID	4,5,6 & 8,000/108"
12	1	034-500	Fitting, 6-6	4,5,6 & 8,000/108"
13	2	018-027	Bushing	4,5,6 & 8,000/108"
14●	1	117-993	Gasket	4,5,6 & 8,000/108"
15	1	011-530	Nut, Hex Jam - 3/4"-10	4,5,6 & 8,000/108"
16●	1	036-176	O-Ring (2-1/4" OD X 2" ID)	4,5,6 & 8,000/108"
-	-	783-553	Seal Kit Includes Items Marked (●)	3" Cylinder
-	-	783-557	Seal Kit Includes Items Marked (●)	3-1/2" Cylinder
-	-	783-572	Seal Kit Includes Items Marked (●)	4" Cylinder

8.3 General Assembly - 4,5,6 & 8,000 lb. Cap. - 120" Deck Length

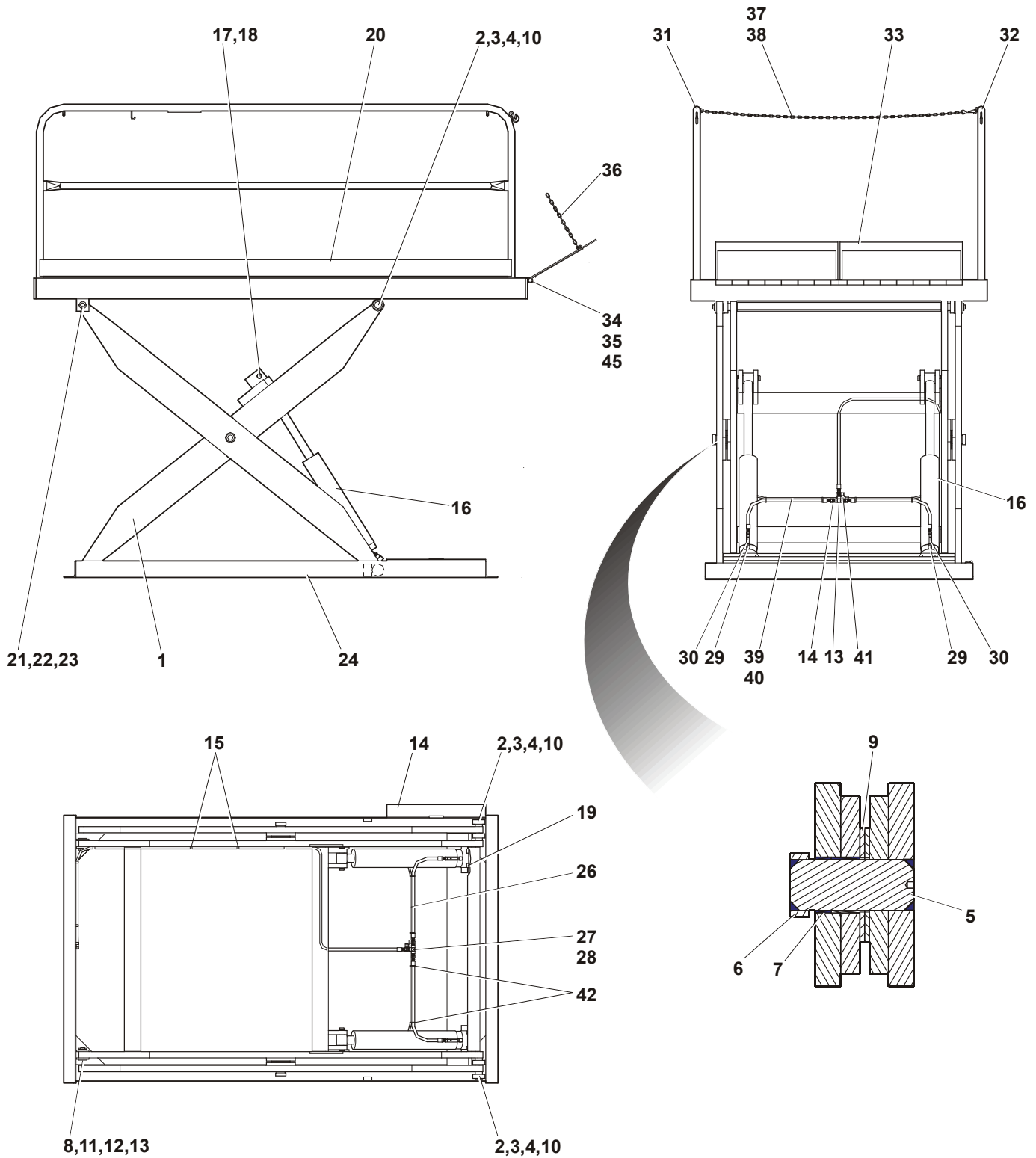


Figure 25 : General Assembly - 4,5,6 & 8,000 lb. - 120" Deck Length

General Assembly - 4,5,6 & 8,000 lb. Cap. - 120" Deck Length

Item	Qty	Part No	General Description	Specific Description
			General Assy 4,5,6 & 8,000-120" Deck Lg	REF. DRG. 310-5248
1*	1	313-5063	Frame/Leg Weldment	4,000/60X120"
1*	1	313-5064	Frame/Leg Weldment	4,000/72X120"
1*	1	313-5064	Frame/Leg Weldment	4,85,000/84X120"
1*	1	313-5065	Frame/Leg Weldment	4,85,000/96X120"
1*	1	313-5068	Frame/Leg Weldment	5,000/60X120"
1*	1	313-5069	Frame/Leg Weldment	5,000/72-84X120"
1*	1	313-5070	Frame/Leg Weldment	5,000/96X120"
1*	1	313-5073	Frame/Leg Weldment	6,000/60X120"
1*	1	313-5074	Frame/Leg Weldment	6,000/72-84X120"
1*	1	313-5075	Frame/Leg Weldment	6,000/96X120"
1*	1	313-5068	Frame/Leg Weldment	8,000/60X120"
1*	1	313-5074	Frame/Leg Weldment	8,000/72-84X120"
1*	1	313-5080	Frame/Leg Weldment	8,000/96X120"
2	4	019-022	Bearing, 80x40x18mm	4,85,000/120"
2	2	019-001	Bearing, 3"OD X 1-5/8"ID X 1"W	6,88,000/120"
3	4	011-066	Capscrew, Hex Skt F/H - 5/16"-18 X 3/4"	4,5,6,88,000/120"
4	2	013-005	Spring Pin 5/32"x1"LG	4,5,6,88,000/120"
5	2	114-605	Centre Pin - 3/4" Thick Leg (4-3/8" LG)	4,000/120"
5	2	114-651	Centre Pin 1" Thk Leg (4-7/8" LG)	5,86,000/120"
5	2	114-652	Centre Pin 1-1/2" Thk Leg (5-7/8" LG)	8,000/120"
6	2	114-606	Collar - 2" (Centre Pin Mod)	4,5,6,88,000/120"
7	2	018-032	Bushing - 2"IDx1-1/2"LG	4,85,000/120"
7	2	018-033	Bushing - 2" IDx1-3/4"LG	6,88,000/120"
7	2	018-034	Bushing - 2"IDx2"LG	8,000/96x120"
8	4	018-051	Bushing - 1"IDx3/4"LG	4,000/120"
8	4	018-061	Bushing - 1"IDx1"LG	5,6,88,000/120"
9	2	012-219	Washer, Flat -2.13"IDx4.5"ODx0.187" TH	4,5,6,88,000/120"
10	4	121-684	Ring-Spacer (1-7/8" O.D)	4,85,000/120"
11	2	798-048	Pin Ass'y (3/4" Thick Legs)	4,000/120"
11	2	798-043	Pin Ass'y (1" Thick Legs)	5,6,88,000/120"
12	2	013-012	Spring Pin - 1/4"x2"	4,5,6,88,000/120"
13	6	106-389	Washer, 1-3/4"ODx1"IDx1/16"THK	4,5,6,88,000/120"
14	1	822-440	Strut Weldment, Maintenance	4,5,6,88,000/120"
15	8	035-262	Strap (#6 Hose Clamp)	4,5,6,88,000/120"
16**	2	780-140-214	Cylinder Ass'y (3"Dia) [21-1/2"Stroke]	4,85,000/120"
16**	2	780-144-214	Cylinder Ass'y (3-1/2"Dia) [21-1/2"Stroke]	6,000/120"
16**	2	780-142-214	Cylinder Ass'y (4"Dia) [21-1/2"Stroke]	8,000/120"
17	2	114-993	Pin-Cylinder Pivot	4,5,6,88,000/120"
18	4	013-036	Retaining Ring Ext. - 1-1/4"ID	4,5,6,88,000/120"
19	4	104-476	Lip Stop (3/4"X5/8")	4,5,6,88,000/120"

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General Assembly - 4,5,6 & 8,000 lb. Cap. - 120" Deck Length

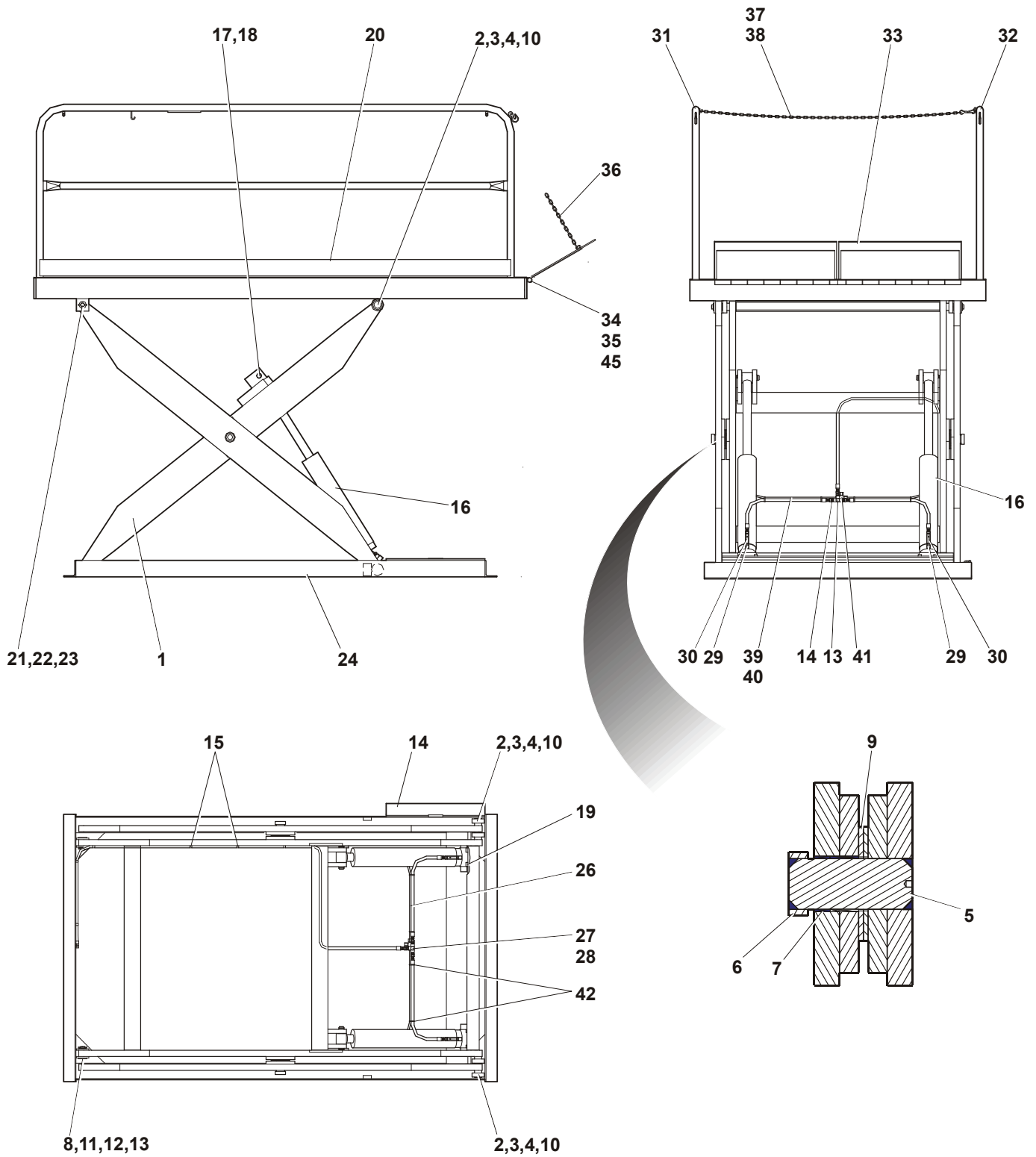


Figure 26 : General Assembly - 4,5,6 & 8,000 lb. - 120" Deck Length

General Assembly - 4,5,6 & 8,000 lb. Cap. - 120" Deck Length

Item	Qty	Part No	General Description	Specific Description
20	1	312-5205	Deck Ass'y S2 4,&5,000/60x120	4,5,&6,000/60X120"
20	1	312-5206	Deck Ass'y S2 4,&5,000/72X120	4,&5,000/72X120"
20	1	312-5207	Deck Ass'y S2 4,&5,000/84X120	4,&5,000/84X120"
20	1	312-5208	Deck Ass'y S2 4,&5,000/96X120	4,&5,000/96X120"
20	1	312-5209-4	Deck Ass'y S2 6,000/72X120	6,000/72X120"
20	1	312-5209-6	Deck Ass'y S2 6,000/84X120	6,000/84X120"
20	1	312-5209-8	Deck Ass'y S2 6,000/96X120	6,000/96X120"
20	1	312-5252-1	Deck Ass'y S2 8,000/60X120	8,000/60X120"
20	1	312-5252-2	Deck Ass'y S2 8,000/72X120	8,000/72X120"
20	1	312-5252-3	Deck Ass'y S2 8,000/84X120	8,000/84X120"
20	1	312-5252-4	Deck Ass'y S2 8,000/96X120	8,000/96X120"
20	1	312-5049	Deck Ass'y S3 (Tapered) 4,&5,000/60x120	4,&5,000/60X120"
20	1	312-5050	Deck Ass'y S3 (Tapered) 4,&5,000/72X120	4,&5,000/72X120"
20	1	312-5051	Deck Ass'y S3 (Tapered) 4,&5,000/84X120	4,&5,000/84X120"
20	1	312-5052	Deck Ass'y S3 (Tapered) 4,&5,000/96X120	4,&5,000/96X120"
20	1	312-5053-2	Deck Ass'y S3 (Tapered) 6,000/60X120	6,000/60X120"
20	1	312-5053-4	Deck Ass'y S3 (Tapered) 6,000/72X120	6,000/72X120"
20	1	312-5053-6	Deck Ass'y S3 (Tapered) 6,000/84X120	6,000/84X120"
20	1	312-5053-8	Deck Ass'y S3 (Tapered) 6,000/96X120	6,000/96X120"
20	1	312-5244-1	Deck Ass'y S3 (Tapered) 8,000/60X120	8,000/60X120"
20	1	312-5244-2	Deck Ass'y S3 (Tapered) 8,000/72X120	8,000/72X120"
20	1	312-5244-3	Deck Ass'y S3 (Tapered) 8,000/84X120	8,000/84X120"
20	1	312-5244-4	Deck Ass'y S3 (Tapered) 8,000/96X120	8,000/96X120"
21	2	798-048	Pin Ass'y - (3/4" Thick Legs)	4,000/120"
21	2	798-043	Pin Ass'y - (1" Thick Legs)	5,&6,000/120"
21	2	798-049	Pin Ass'y - (1-1/2" Thick Legs)	8,000/120"
22	6	106-389	Spacer Washer - 1-3/4"ODx1"IDx1/16"THK	4,5,6,&8,000/120"
23	2	013-012	Spring Pin - 1/4" X 2"	4,5,6,&8,000/120"
24	2	103-445	Roller Stop	4,5,6,&8,000/120"
25	1.5GA	039-066	Paint, Blue (Fast Dry Enamel)	4,5,6,&8,000/120"
26	2	300-5000-15	Hose, #6 HP (26"Lg) Str.Swivel(2)	4,5,6,&8,000/60X120"
26	2	300-5000-20	Hose, #6 HP (34"Lg) Str.Swivel(2)	4,5,6,&8,000/72X120"
26	2	300-5000-48	Hose, #6 HP (38"Lg) Str.Swivel(2)	4,5,6,&8,000/84X120"
26	2	300-5000-49	Hose, #6 HP (54"Lg) Str.Swivel(2)	4,5,6,&8,000/96X120"
27	1	034-571	Fitting, Tee 022t-6-6	4,5,6,&8,000/120"
28	2	034-504	Adapter, Fitting 0103-6-6	4,5,6,&8,000/120"
29	2	034-599	Fitting Elbow Forged #6MP-4MP-90	4,5,6,&8,000/120"
30	2	033-661	Velocity Fuse, 5.0 GPM	4,&5,000/120"
30	2	033-663	Velocity Fuse, 7.5 GPM	6,&8,000"
31	1	312-5080-6	Guard Rail, Right Side 120" Deck	4,5,6,&8/120"
32	1	312-5078	Guard Rail Weld (96-1/2"X45")	4,5,6,&8/120"
33	1	302-5002-2	Lip Assy,60" (12"LG,6#)	4,&5,000/120"
33	1	302-5002-7	Lip Assy,60" (18"LG,6#)	6,000/120"
33	1	302-5007-3	Lip Assy,60" (18"LG,8#)	8,000/120"
34	1	121-616-1	Bar For Lip Hinge (60"Lg)	4,&5,000/120"
34	1	106-205	Bar For Lip Hinge (60"Lg)	6,000/120"
34	2	809-483	Shaft, Lip (29-1/2"LG)	8,000/120"
35	2	013-005	Spring Pin 5/32"X1"Lg	4,&5,000/120"
35	2	013-011	Spring Pin -1/4" X 1-3/8"	6,&8,000/120"
36	1	091-023-0600	Chain (60"LG) 3/16"	4,5,6,&8,000/120"

General Assembly - 4,5,6 & 8,000 lb. Cap. - 120" Deck Length

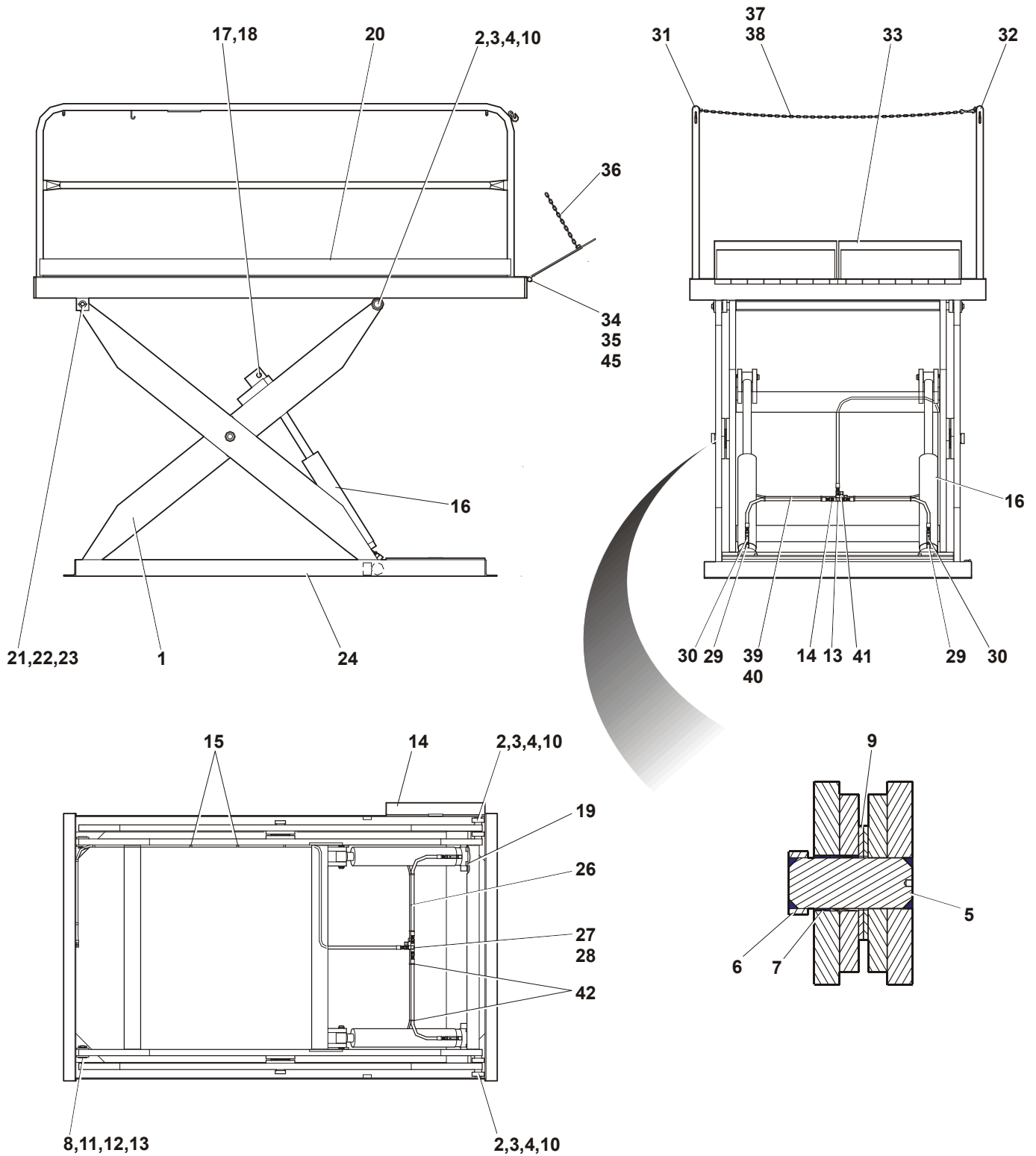


Figure 23 : Models 4,5,6 & 8 - 120" Deck Length

General Assembly - 4,5,6 & 8,000 lb. Cap. - 120" Deck Length

Item	Qty	Part No	General Description	Specific Description
37	2	091-023-0540	Chain - 3/16"Galvanized 54"	4,5,6,&8,000/60X120"
37	2	091-023-0660	Chain - 3/16"Galvanized 66"	4,5,6,&8,000/72X120"
37	2	091-023-0780	Chain - 3/16"Galvanized 78"	4,5,6,&8,000/84X120"
37	2	091-023-0900	Chain - 3/16"Galvanized 90"	4,5,6,&8,000/96X120"
38	2	R3-19203	Hook Snap 4" LG	4,5,6,&8,000/120"
39	2	034-674	Fitting, 1/4" M X 3/8" Comp.	4,5,6,&8,000/120"
40	2	091-000-0460	Tubing, Black Nylon 3/8" X46"	4,5,6,&8,000//60X120"
40	2	091-000-0520	Tubing, Black Nylon 3/8" X52"	4,5,6,&8,000/72-84X120
40	2	091-000-0640	Tubing, Black Nylon 3/8" X64"	4,5,6,&8,000//96X120"
41	1	034-673	Fitting Nylon Tee - 3/8" Comp,	4,5,6,&8,000/120"
42	4	025-087	Cable Ties	4,5,6,&8,000/120"
43	1	300-5006-4	Vent Line Kit (29'LG)	4,5,6,&8,000/60X120"
43	1	300-5006-5	Vent Line Kit (30'LG)	4,5,6,&8,000/72X120"
43	1	300-5006-6	Vent Line Kit (31'LG)	4,5,6,&8,000/84X120"
43	1	300-5006-7	Vent Line Kit (32'LG)	4,5,6,&8,000/96X120"
44	1	300-5001-38	Hose, #8 HP (144"LG) Str. Swivel(2)	5,000/72X120"
44	1	300-5001-38	Hose, #8 HP (144"LG) Str. Swivel(2)	8,000/72X120"
44	1	300-5001-39	Hose, #8 HP (148"Lg) Str. Swivel(2)	8,000/84X120"
44	1	300-5001-37	Hose, #8 HP (138"Lg) Str. Swivel(2)	6,000/84X120"
44	1	300-5001-37	Hose, #8 HP (138"Lg) Str. Swivel(2)	8,000/72X120"
45	2	120-353	Torsion Spring - Spring Assist Lip	8,000/60,84,96X120"

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8.3.1 Cylinder Assembly- 4,5,6 & 8,000 lb. Cap. - 120" Deck Length

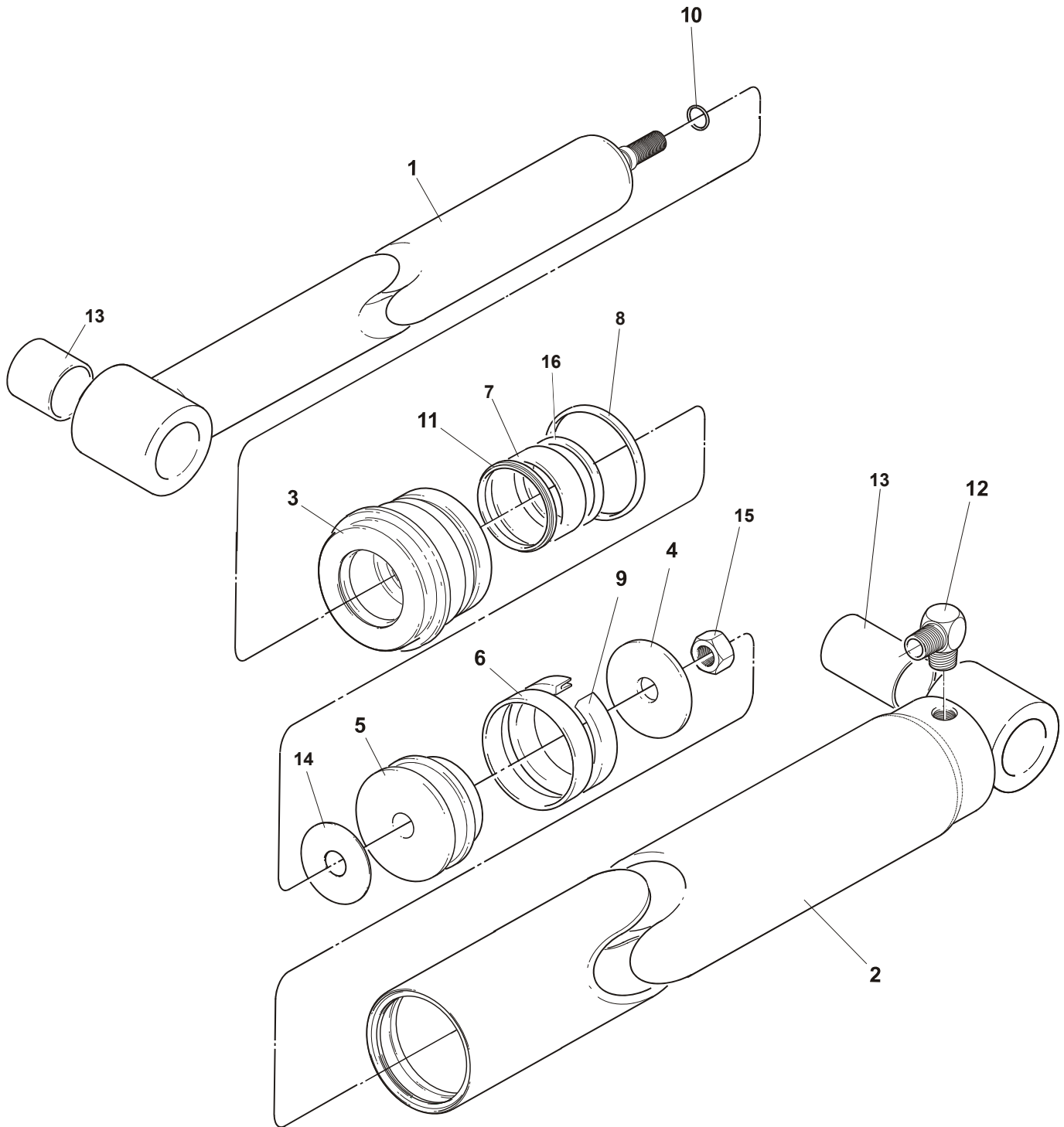


Figure 27 : Cylinder Assembly - 4,5,6 & 8,000 lb. - 120" Deck Length

Cylinder Assembly- 4,5,6 & 8,000 lb. Cap. - 120" Deck Length

Item	Qty	Part No	General Description	Specific Description
-	-	780-140-214	Cylinder Ass'y (3"Dia) [21-1/2"Stroke]	4,&5,000/120"
-	-	780-144-214	Cylinder Ass'y (3-1/2"Dia) [21-1/2"Stroke]	6,000/120"
-	-	780-142-214	Cylinder Ass'y (4"Dia) [21-1/2"Stroke]	8,000/120"
1	1	786-855	Ram Assembly	4,5,6,&8,000/120"
2	1	780-141	Housing Assembly - 3" Cylinder	4,&5,000/120"
2	1	780-145	Housing Assembly - 3-1/2" Cylinder	6,000/120"
2	1	783-143	Housing Assembly - 4" Cylinder	8,000/120"
3	1	117-991	Headnut - 3" Cylinder	4,&5,000/120"
3	1	117-966	Headnut - 3-1/2" Cylinder	6,000/120"
3	1	117-989	Headnut - 4" Cylinder	8,000/120"
4	1	114-978	Washer, Piston - 3" Cylinder	4,&5,000/120"
4	1	114-979	Washer, Piston - 3-1/2" Cylinder	6,000/120"
4	1	114-980	Washer, Piston - 4" Cylinder	8,000/120"
5	1	114-640	Piston - 3" Cylinder	4,&5,000/120"
5	1	114-639	Piston - 3-1/2" Cylinder	6,000/120"
5	1	114-638	Piston - 4" Cylinder	8,000/120"
6●	1	036-154	Ring, Wear - 3" Cylinder.	4,&5,000/120"
6●	1	036-155	Ring, Wear - 3-1/2" Cylinder	6,000/120"
6●	1	036-156	Ring, Wear - 4" Cylinder	8,000/120"
7●	1	036-182	Ring, Wear	4,5,6,&8,000/120"
8●	1	036-132	"O"-Ring - 3" Cylinder	4,&5,000/120"
8●	1	036-131	"O"-Ring - 3-1/2" Cylinder	6,000/120"
8●	1	036-130	"O"-Ring - 4" Cylinder	8,000/120"
9●	1	036-112	"U"-Cup- 3" Cylinder	4,&5,000/120"
9●	1	036-111	"U"-Cup - 3-1/2" Cylinder	6,000/120"
9●	1	036-116	"U"-Cup - 4" Cylinder	8,000/120"
10●	1	036-108	"O"-Ring	4,5,6,&8,000/120"
11●	1	036-021	Wiper, Rod	4,5,6,&8,000/120"
12	1	034-500	Fitting	4,5,6,&8,000/120"
13●	1	117-993	Gasket	4,5,6,&8,000/120"
14	1	011-530	Nut, Huglock – 3/4"	4,5,6,&8,000/120"
15●	1	036-176	"O"-Ring	4,5,6,&8,000/120"
-	-	783-553	Kit, Seal - 3" Cyl. - Items Marked (●)	4,&5,000/120"
-	-	783-557	Kit, Seal - 3-1/2" Cyl.- Items Marked (●)	6,000/120"
-	-	783-572	Kit, Seal - 4" Cyl. - Items Marked (●)	8,000/120"

8.4 General Assembly - 4, 5 & 6,000 lb. Cap. - 144" Deck Length

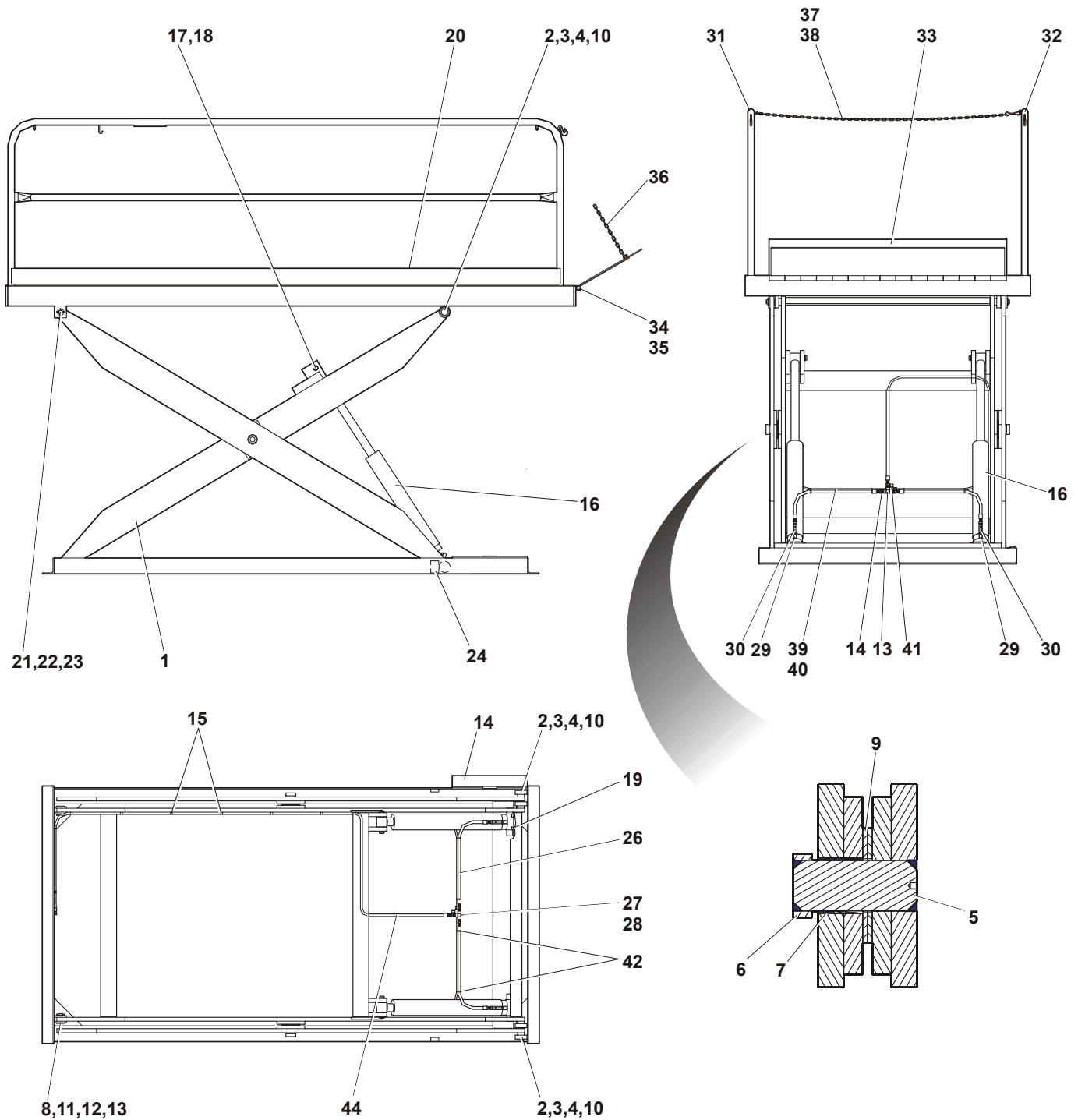


Figure 28 : General Assembly - 4,5,& 6,000 lb. - 144" Deck Length

General Assembly - 4, 5 & 6,000 lb. Cap. - 144" Deck Length

Item	Qty	Part No	General Description	Specific Description
			General Assy 4,5,&6,000 lb-144" Deck Lg	REF. DRG. 310-5264
1*	1	313-5083	Frame/Leg Weldment	4,000/60X144"
1*	1	313-5084	Frame/Leg Weldment	4,000/72X144"
1*	1	313-5084	Frame/Leg Weldment	4,000/84X144"
1*	1	313-5085	Frame/Leg Weldment	4,000/96X144"
1*	1	313-5088	Frame/Leg Weldment	5,000/60X144"
1*	1	313-5089	Frame/Leg Weldment	5,000/72-84X144"
1*	1	313-5090	Frame/Leg Weldment	5,000/96X144"
1*	1	313-5093	Frame/Leg Weldment	6,000/60X144"
1*	1	313-5094	Frame/Leg Weldment	6,000/72-84X144"
1*	1	313-5095	Frame/Leg Weldment	6,000/96X144"
2	4	019-022	Bearing, 80x40x18mm	4,&5,000/144"
2	2	019-001	Bearing, 3"OD X 1-5/8"ID X 1"W	6,000/144"
3	4	011-066	Capscrew, Hex Skt F/H - 5/16"-18 X 3/4"	4,5,&6,000/144"
4	2	013-005	Spring Pin 5/32"x1"Lg	4,5,&6,000/144"
5	2	114-605	Centre Pin - 3/4" Thick Leg (4-3/8" Lg)	4,000/144"
5	2	114-651	Centre Pin 1" Thk Leg (4-7/8" Lg)	5,&6,000/144"
6	2	114-606	Collar - 2" (Centre Pin Mod Ed)	4,5,&6,000/144"
7	2	018-032	Bushing - 2"IDx1-1/2"LG	4,000/144"
7	2	018-033	Bushing - 2" IDx1-3/4"LG	5,&6,000/144"
8	4	018-051	Bushing - 1"IDx3/4"LG	4,000/144"
8	4	018-061	Bushing - 1"IDx1"LG	5,&6,000/144"
9	2	012-219	Washer, Flat-2.13" IDx4.5"ODx0.187" TH	4,5,&6,000/144"
10	4	121-684	Ring-Spacer (1-7/8" O.D)	4,&5,000/144"
11	2	798-048	Pin Ass'y (3/4" Thick Legs)	4,000/144"
11	2	798-043	Pin Ass'y (1" Thick Legs)	5,&6,000/144"
12	2	013-012	Spring Pin - 1/4" X 2	4,&5,000/144"
13	6	106-389	Washer, 1-3/4"ODx1"IDx1/16"THK	4,&5,000/144"
14	1	822-440	Strut Weldment, Maintenance	4,&5,000/144"
15	8	035-262	Strap (#6 Hose Clamp)	4,&5,000/144"
16**	2	780-140-240	Cylinder Ass'y (3"Dia) [24"Stroke]	4,&5,000/144"
16**	2	780-144-240	Cylinder Ass'y (3-1/2"Dia) [24"Stroke]	6,000/144"
17	2	114-993	Pin-Cylinder Pivot	4,5,&6,000/144"
18	4	013-036	Retaining Ring Ext. - 1-1/4"Id	4,5,&6,000/144"
19	4	104-476	Lip Stop (3/4"X5/8")	4,5,&6,000/144"
20	1	312-5211	Deck Ass'y S2 4,&5,000/60x144	4,&5,000/60X144"
20	1	312-5212	Deck Ass'y S2 4,&5,000/72x144	4,5,&6,000/72X144"
20	1	312-5213	Deck Ass'y S2 4,&5,000/84X144	4,&5,000/84X144"
20	1	312-5214	Deck Ass'y S2 4,&5,000/96X144	4,&5,000/96X144"
20	1	312-5216-2	Deck Ass'y S2 6,000/60X144	6,000/60X144"
20	1	312-5216-4	Deck Ass'y S2 6,000/72X144	6,000/72X144"
20	1	312-5216-6	Deck Ass'y S2 6,000/84X144	6,000/84X144"
20	1	312-5216-8	Deck Ass'y S2 6,000/96X144	6,000/96X144"

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General Assembly - 4, 5 & 6,000 lb. Cap. - 144" Deck Length

Item	Qty	Part No	General Description	Specific Description
20	1	312-5061	Deck Ass'y S3 (Tapered) 4,&5,000/60x144	4,&5,000/60X144"
20	1	312-5062	Deck Ass'y S3 (Tapered) 4,&5,000/72x144	4,5,&6,000/72X144"
20	1	312-5063	Deck Ass'y S3 (Tapered) 4,&5,000/84X144	4,&5,000/84X144"
20	1	312-5064	Deck Ass'y S3 (Tapered) 4,&5,000/96X144	4,&5,000/96X144"
20	1	312-5065-2	Deck Ass'y S3 (Tapered) 6,000/60X144	6,000/60X144"
20	1	312-5065-4	Deck Ass'y S3 (Tapered) 6,000/72X144	6,000/72X144"
20	1	312-5065-6	Deck Ass'y S3 (Tapered) 6,000/84X144	6,000/84X144"
20	1	312-5065-8	Deck Ass'y S3 (Tapered) 6,000/96X144	6,000/96X144"
21	2	798-048	Pin Ass'y - (3/4" Thick Legs)	4,000/144"
21	2	798-043	Pin Ass'y - (1" Thick Legs)	5,&6,000-144"
22	6	106-389	Spacer Washer - 1-3/4"ODx1"IDx1/16"THK	4,5,&6,000/144"
23	2	013-012	Spring Pin - 1/4" X 2"	4,5,&6,000/144"
24	2	117-005	Roller Stop	4,5,&6,000/144"
25	1.5GA	039-066	Paint, Blue (Fast Dry Enamel)	4,5,&6,000/144"
26	2	300-5000-15	Hose, #6 HP (26"Lg) Str.Swivel(2)	4,5,&6,000/60X144"
26	2	300-5000-20	Hose, #6 HP (34"Lg) Str.Swivel(2)	4,5,&6,000/72X144"
26	2	300-5000-48	Hose, #6 HP (38"Lg) Str.Swivel(2)	4,5,&6,000/84X144"
26	2	300-5000-49	Hose, #6 HP (54"Lg) Str.Swivel(2)	4,5,&6,000/96X144"
27	1	034-571	Fitting, Tee 022T-6-6	4,5,&6,000/144"
28	2	034-504	Adapter, Fitting 0103-6-6	4,5,&6,000/144"
29	2	034-599	Fitting Elbow Forged #6MP-4MP-90°	4,5,&6,000/144"
30	2	033-661	Velocity Fuse, 5.0GPM	4,&5,000-144"
30	2	033-663	Velocity Fuse, 7.5GPM	6,000-144"
31	1	312-5080-7	Guard Rail, Right Side 144"Deck	4,5,&6,000/144"
32	1	312-5079	Guard Rail Weld (132-1/2"X45")	4,5,&6,000/144"
33	1	302-5002-2	Lip Assy,60" (12"LG,6#)	4,&5,000-144"
33	1	302-5002-7	Lip Assy,60" (18"LG,6#)	6,000-144"
34	1	121-616-1	Bar For Lip Hinge (60"Lg)	4,&5,000-144"
34	1	106-205	Bar For Lip Hinge (60"Lg)	6,000-144"
35	2	013-005	Spring Pin 5/32"X1"Lg	4,&5,000-144"
35	2	013-011	Spring Pin -1/4" X 1-3/8"	6,000-144"
36	1	091-023-0600	Chain (60"Lg) 3/16"	4,5,&6,000/144"
37	2	091-023-0540	Chain - 3/16"Galvanized 54"	4,5,&6,000/60X144"
37	2	091-023-0660	Chain - 3/16"Galvanized 66"	4,5,&6,000/72X144"
37	2	091-023-0780	Chain - 3/16"Galvanized 78"	4,5,&6,000/84X144"
37	2	091-023-0900	Chain - 3/16"Galvanized 90"	4,5,&6,000/96X144"
38	2	R3-19203	Hook Snap 4"Lg	4,5,&6,000/144"
39	2	034-674	Fitting, 1/4" M X 3/8" Comp.	4,5,&6,000/144"
40	2	091-000-0460	Tubing, Black Nylon 3/8" X46"	4,5,&6,000/60X144"
40	2	091-000-0520	Tubing, Black Nylon 3/8" X52"	4,5,&6,000/72-84X144"
40		091-000-0640	Tubing, Black Nylon 3/8" X64"	4,5,&6,000/96X144"
41	1	034-673	Fitting Nylon Tee - 3/8" Comp,	4,5,&6,000/144"
42	4	025-087	Cable Ties	4,5,&6,000/144"
43	1	300-5006-6	Vent Line Kit (31'l)	4,5,&6,000/60X144"
43	1	300-5006-7	Vent Line Kit (32'l)	4,5,&6,000/72X144"
43	1	300-5006-8	Vent Line Kit (33'l)	4,5,&6,000/84X144"
43	1	300-5006-9	Vent Line Kit (34'l)	4,5,&6,000/96X144"
44	1	300-5001-38	Hose, #8 HP (144"Lg) Str. Swivel(2)	5,000/72X144"
44	1	300-5001-37	Hose, #8 HP (138"Lg) Str. Swivel(2)	6,000/84X144"

8.4.1 Cylinder Assembly- 4,5, & 6,000 lb. Cap. - 144" Deck Length

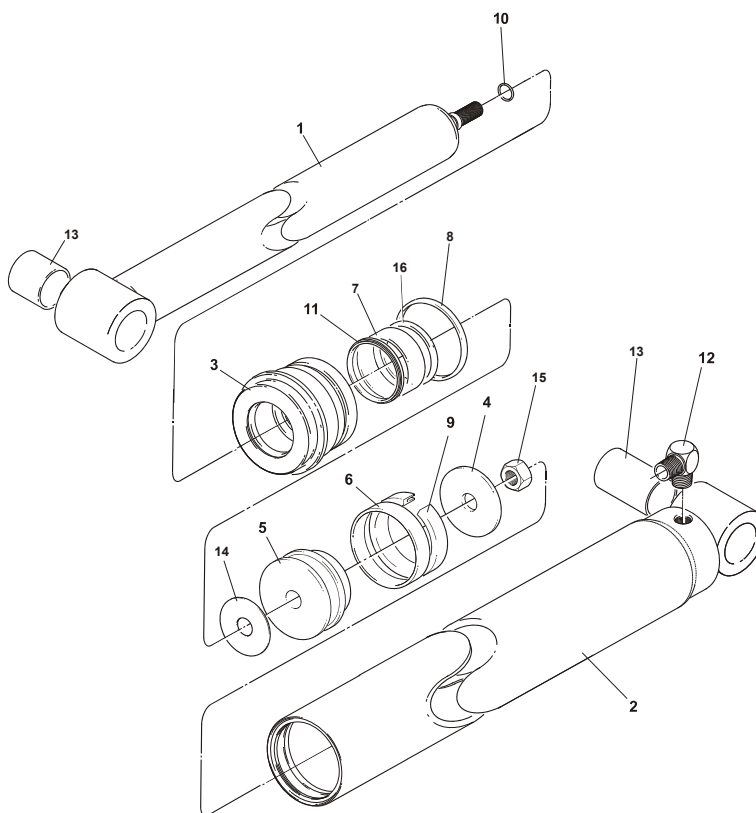


Figure 29 : Cylinder Assembly - 4,5,& 6,000 lb. - 144" Deck Length

Item	Qty	Part No	General Description	Specific Description
-	-	780-140-240	Cylinder Ass'y (3"Dia) [24"Stroke]	4,& 5,000/144"
-	-	780-144-240	Cylinder Ass'y (3-1/2"Dia) [24"Stroke]	6,000/144"
1	1	786-855	Ram Assembly	4,5,&6,000/144"
2	1	780-141	Housing Assembly - 3" Cylinder	4,& 5,000/144"
2	1	780-145	Housing Assembly - 3-1/2" Cylinder	6,000/144"
3	1	117-991	Headnut - 3" Cylinder	4,& 5,000/144"
3	1	117-966	Headnut - 3-1/2" Cylinder	6,000/144"
4	1	114-978	Washer, Piston - 3" Cylinder.	4,& 5,000/144"
4	1	114-979	Washer, Piston - 3-1/2" Cylinder.	6,000/144"
5	1	114-640	Piston - 3" Cylinder	4,& 5,000/144"
5	1	114-639	Piston - 3-1/2" Cylinder	6,000/144"
6●	1	036-154	Ring, Wear - 3" Cylinder	4,& 5,000/144"
6●	1	036-155	Ring, Wear - 3-1/2" Cylinder	6,000/144"
7●	1	036-182	Ring, Wear	4,5,&6,000/144"
8●	1	036-132	"O"-Ring - 3" Cylinder	4,& 5,000/144"
8●	1	036-131	"O"-Ring - 3-1/2" Cylinder.	6,000/144"
9●	1	036-112	"U"-Cup - 3" Cylinder	4,& 5,000/144"
9●	1	036-111	"U"-Cup - 3-1/2" Cylinder	6,000/144"
10●	1	036-108	"O"-Ring	4,5,&6,000/144"
11●	1	036-021	Wiper, Rod	4,5,&6,000/144"
12	1	034-500	Fitting	4,5,&6,000/144"
13	2	018-027	Bushing	4,5,&6,000/144"
14●	1	117-993	Gasket	4,5,&6,000/144"
15	1	011-530	Nut, Huglock - 3/4"	4,5,&6,000/144"
16●	1	036-176	"O"-Ring	4,5,&6,000/144"
-	-	783-553	Kit, Seal - 3" Cylinder - Items Marked (●)	4,& 5,000/144"
-	-	783-557	Kit, Seal - 3-1/2" Cylinder.- Items Marked (●)	6,000/144"

8.5 General Assembly - 8,000 lb. Cap. - 144" Deck Length

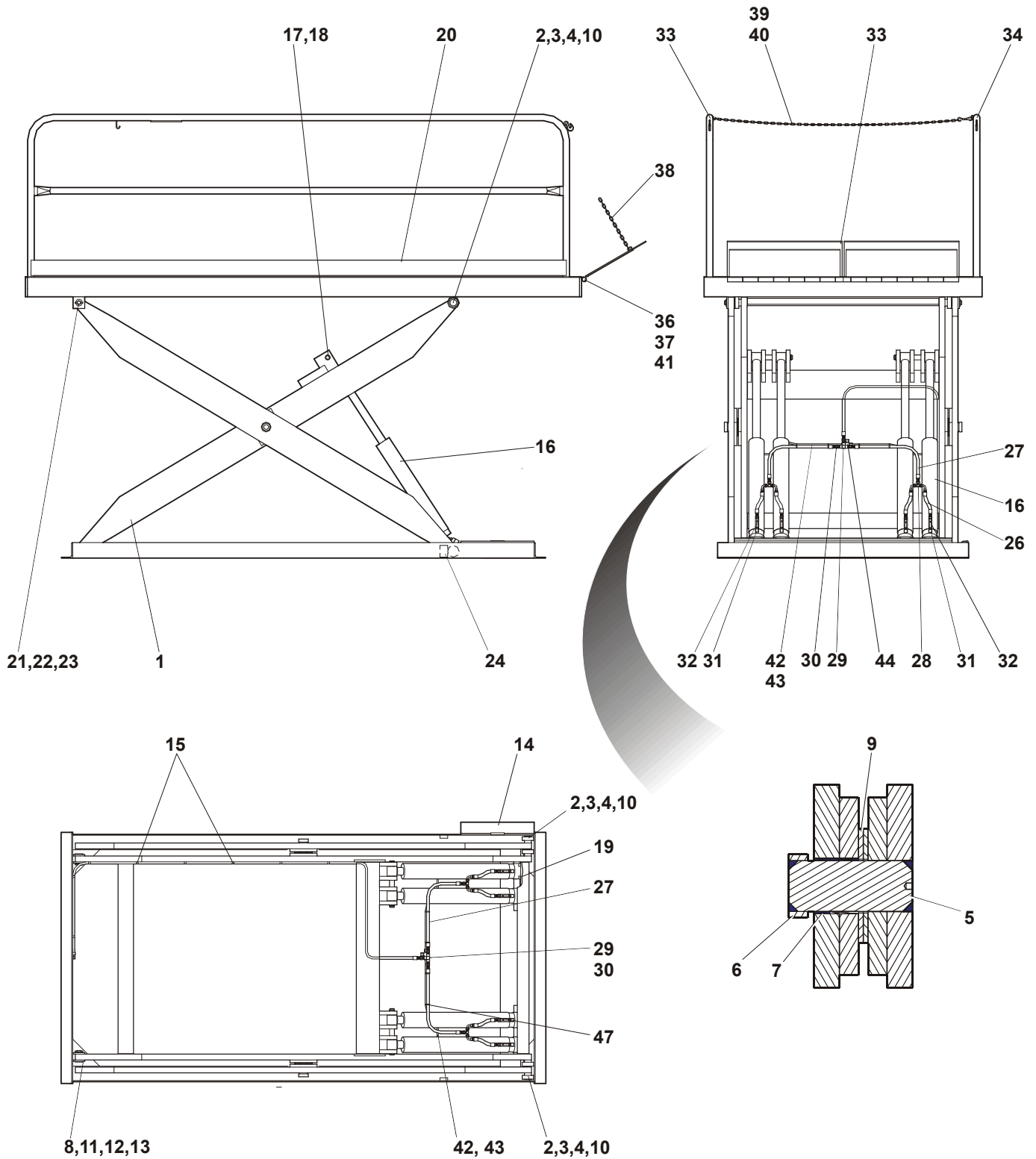


Figure 30 : General Assembly - 8,000 lb. - 144" Deck Length

General Assembly - 8,000 lb. Cap. - 144" Deck Length

Item	Qty	Part No	General Description	Specific Description
			General Assy 8,000 lb. -144" Deck Length	REF DRG. 310-5270
1*	1	313-5098	Frame/Leg Weldment	8,000/60X144"
1*	1	313-5099	Frame/Leg Weldment	8,000/72-84X144"
1*	1	313-5100	Frame/Leg Weldment	8,000/96X144"
2	2	019-001	Bearing, 3"OD X 1-5/8"ID X 1"W	8,000/144"
3	4	011-066	Capscrew, Hex Skt F/H - 5/16"-18 X 3/4"	8,000/144"
4	2	013-005	Spring Pin 5/32"x1"Lg	8,000/144"
5	2	114-652	Centre Pin 1-1/2" Thk Leg (5-7/8" Lg)	8,000/144"
6	2	114-606	Collar - 2" (Centre Pin Mod)	8,000/144"
7	2	018-034	Bushing - 2"IDx2"LG	8,000/144"
8	4	018-051	Bushing - 1"IDx3/4"LG	8,000/144"
9	2	012-219	Washer, Flat-2.13" IDx4.5"ODx0.187" TH	8,000/144"
10	4	121-684	Ring-Spacer (1-7/8" O.D)	8,000/144"
11	2	798-049	Pin Ass'y (1-1/2" Thick Legs)	8,000/144"
12	2	013-012	Spring Pin - 1/4" X 2	8,000/144"
13	6	106-389	Spacer Washer, 1-3/4"ODx1"IDx1/16"TH	8,000/144"
14	1	822-440	Strut Weldment, Maintenance	8,000/144"
15	8	035-262	Strap (#6 Hose Clamp)	8,000/144"
16**	4	780-144-240	Cylinder Ass'y (3-1/2"Dia) [24"Stroke]	8,000/144"
17	2	115-043	Pin-Cylinder Pivot	8,000/144"
18	4	013-036	Retaining Ring Ext. - 1-1/4"Id	8,000/144"
19	8	104-476	Lip Stop (3/4"X5/8")	8,000/144"
20	1	312-5249-1	Deck Ass'y S2 8,000/60X144	8,000/60X144"
20	1	312-5249-2	Deck Ass'y S2 8,000/72X144	8,000/72X144"
20	1	312-5249-3	Deck Ass'y S2 8,000/84X144	8,000/84X144"
20	1	312-5249-4	Deck Ass'y S2 8,000/96X108	8,000/96X144"
20	1	312-5245-1	Deck Ass'y S3 (Tapered) 8,000/60X144	8,000/60X144"
20	1	312-5245-2	Deck Ass'y S3 (Tapered) 8,000/72X144	8,000/72X144"
20	1	312-5245-3	Deck Ass'y S3 (Tapered) 8,000/84X144	8,000/84X144"
20	1	312-5245-4	Deck Ass'y S3 (Tapered) 8,000/96X108	8,000/96X144"
21	2	798-049	Pin Ass'y - (1-1/2" Thick Legs)	8,000/144"
22	6	106-389	Spacer Washer - 1-3/4"ODx1"IDx1/16"THK	8,000/144"
23	2	013-012	Spring Pin - 1/4" X 2"	8,000/144"
24	2	117-005	Roller Stop	8,000/144"
25	1.5GA	039-066	Paint, Blue (Fast Dry Enamel)	8,000/144"
26	4	300-5005	Hose, #6 HP - 90 Deg. - Str,	8,000/144"
27	2	300-5000-15	Hose, #8 Hp (26"Lg) Str.Swivel(2)	8,000/60X144"
27	2	300-5001-20	Hose, #8 Hp (34"Lg) Str.Swivel(2)	8,000/72X144"
27	2	300-5000-53	Hose, #8 Hp (38"Lg) Str.Swivel(2)	8,000/84X144"
27	2	300-5000-21	Hose, #6 Hp (48"Lg) Str.Swivel(2)	8,000/96X144"
28	2	034-551	Fitting, 033T-6-6	8,000/144"
29	1	034-571	Fitting, Tee 022t-6-6	8,000/144"
30	2	034-535	Fitting, 0103-6-8	8,000/144"
31	2	034-599	Fitting Elbow Forged #6MP-4MP-90	8,000/144"
32	2	033-663	Velocity Fuse, 7.5GPM	8,000/144"

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General Assembly - 8,000 lb. Cap. - 144" Deck Length

Item	Qty	Part No	General Description	Specific Description
33	1	312-5080-7	Guard Rail, Right Side 144"Deck	8,000/144"
34	1	312-5079	Guard Rail Weld (132-1/2"X45")	8,000/144"
35	1	302-5007-3	Lip Assy,60" (18"LG,8#)	8,000/144"
36	2	809-483	Shaft, Lip (29-1/2"LG)	8,000/144"
37	2	013-011	Spring Pin -1/4" X 1-3/8"	8,000/144"
38	1	091-023-0600	Chain (60"Lg) 3/16"	8,000/144"
39	2	091-023-0540	Chain - 3/16"Galvanized 54"	8,000/60X144"
39	2	091-023-0660	Chain - 3/16"Galvanized 66"	8,000/72X144"
39	2	091-023-0780	Chain - 3/16"Galvanized 78"	8,000/84X144"
39	2	091-023-0900	Chain - 3/16"Galvanized 90"	8,000/96X144"
40	2	R3-19203	Hook Snap 4"Lg	8,000/144"
41	2	120-353	Torsion Spring	8,000/144"
42	2	034-674	Fitting, 1/4" M X 3/8" COMP	8,000/144"
43	2	091-000-0063	Tubing, Black Nylon 6-3/8"	8,000/60,72X144"
44	1	035-085	Fitting, Tee	8,000/60X144"
45	2	091-000-0340	Tubing, Black Nylon 3/8" X34"	8,000/60X144"
45	2	091-000-0400	Tubing, Black Nylon 3/8" X40"	8,000/72X144"
45	2	091-000-0460	Tubing, Black Nylon 3/8" X46"	8,000/84X144"
45	2	091-000-0520	Tubing, Black Nylon 3/8" X52"	8,000/96X144"
46	1	034-673	Fitting Nylon Tee - 3/8" Comp,	8,000/144"
47	4	025-087	Cable Ties	8,000/144"
48	1	300-5006-6	Vent Line Kit (31'l'g)	8,000/60X144"
48	1	300-5006-7	Vent Line Kit (32'l'g)	8,000/72X144"
48	1	300-5006-8	Vent Line Kit (33'l'g)	8,000/84X144"
48	1	300-5006-9	Vent Line Kit (34'l'g)	8,000/96X144"

8.5.1 Cylinder Assembly - 8,000 lb. Cap. - 144" Deck Length

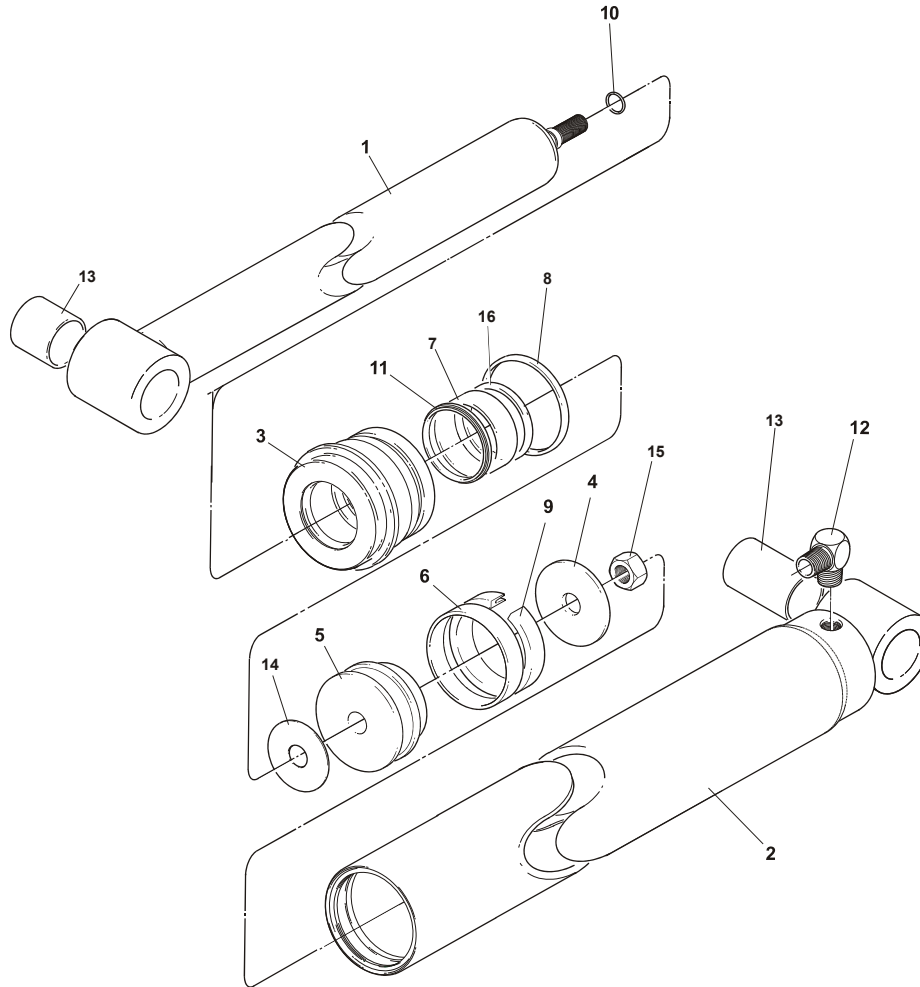


Figure 31 : Cylinder Assembly - 8,000 lb. - 144" Deck Length

Item	Qty	Part No	General Description	Specific Description
-	-	780-144-240	Cylinder Ass'y (3-1/2"Dia) [24"Stroke]	8,000/144"
1	1	786-855	Ram Assy 3", 3-1/2", & 4"	8,000/144"
2	1	780-145	Housing Weldment (4"Dia)	8,000/144"
3	1	117-966	Headnut 3-1/2" Dia. Cyl (2" Dia. Rod)	8,000/144"
4	1	114-979	Piston Washer - (3-1/2" Dia)	8,000/144"
5	1	114-639	Piston - 3-1/2"Dia Cyl	8,000/144"
6●	1	036-155	Wear Ring Pist.Wd.3-1/2x1/2	8,000/144"
7●	1	036-182	Wear Ring - 3" X .125" Thick	8,000/144"
8●	1	036-131	O-Ring - 3-1/2"OD X 3-3/4"ID	8,000/144"
9●	1	036-111	U-Cup - 3-1/2" X 2-7/8" X 1/2"	8,000/144"
10●	1	036-108	O-Ring - 3/4"OD X 5/8"ID X 1/16"	8,000/144"
11●	1	036-021	Wiping Ring - 2"ID	8,000/144"
12	1	034-500	Fitting, 6-6	8,000/144"
13	2	018-027	Bushing	8,000/144"
14●	1	117-993	Gasket	8,000/144"
15	1	011-530	Nut, Hex Jam - 3/4"-10	8,000/144"
16●	1	036-176	O-Ring (2-1/4" OD X 2" ID)	8,000/144"
-	-	783-557	Seal Kit Includes Items Marked (●)	8,000/144"

8.6 General Assembly - 10,000 lb. Cap. - 96" Deck Length

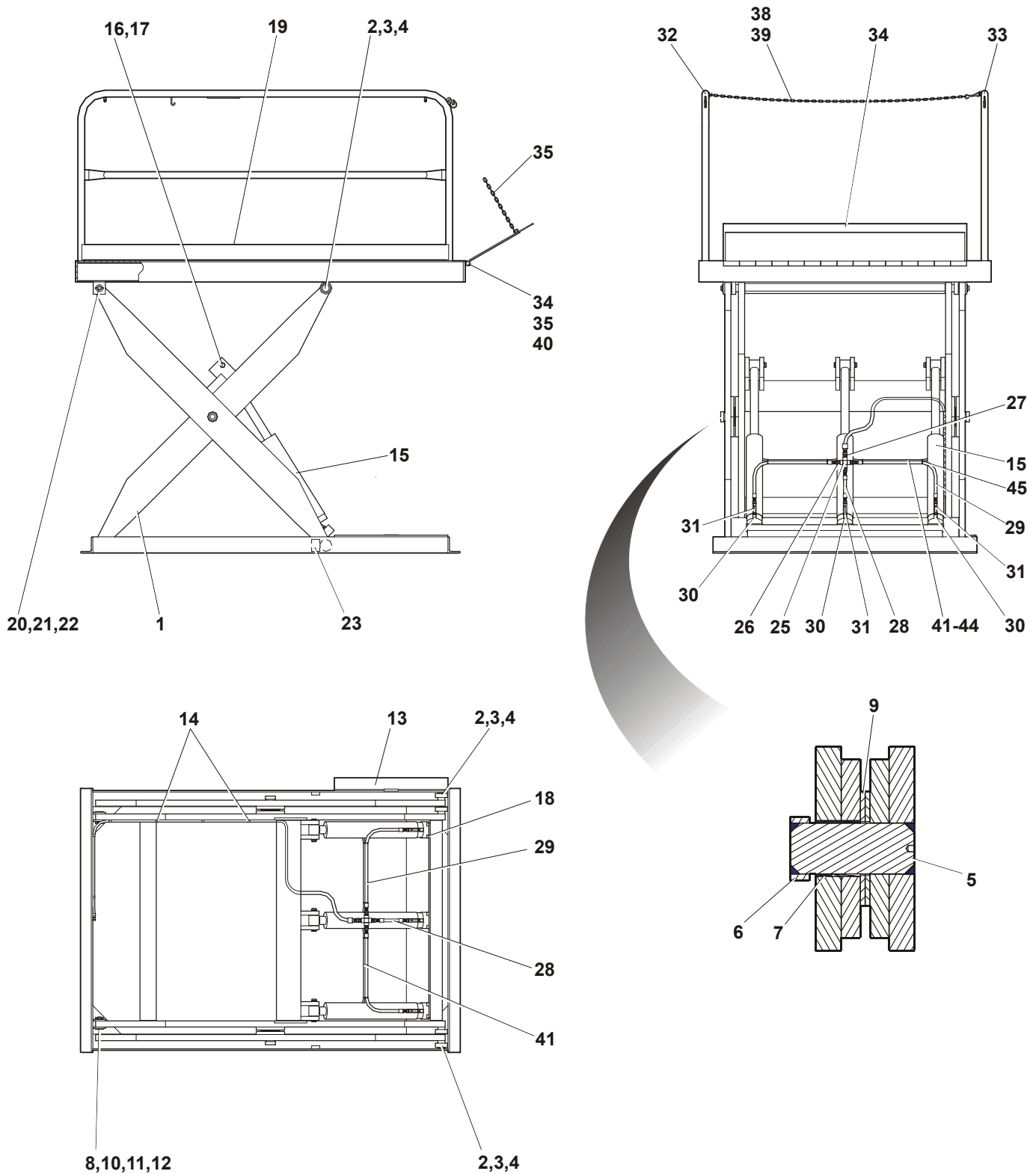


Figure 32 : General Assembly 10,000 lb. - 96" Deck Length

General Assembly - 10,000 lb. Cap. - 96" Deck Length

Item	Qty	Part No	General Description	Specific Description
-	-	-	General Assy 10,000- 96" Deck Length	REF. DRG. 310-5288
1*	1	333-5203	Frame/Leg Weldm't	10,000/60X96"
1*	1	333-5204	Frame/Leg Weldm't	10,000/72X96"
1*	1	333-5205	Frame/Leg Weldm't	10,000/84X96"
1*	1	313-5011	Frame/Leg Weldm't	10,000/96X96"
2	2	019-001	Bearing, 3"OD X 1-5/8"ID X 1"W	10,000/96"
3	4	011-066	Capscrew, Hex Skt F/H - 5/16"-18 X 3/4"	10,000/96"
4	2	013-005	Spring Pin 5/32"x1"Lg	10,000/96"
5	2	114-652	Centre Pin 1-1/2" Thk Leg (5-7/8" Lg)	10,000/96"
6	2	114-606	Collar - 2" (Centre Pin Mod)	10,000/96"
7	2	018-034	Bushing - 2"IDx2"LG	10,000/96"
8	4	018-051	Bushing - 1"IDx3/4"LG	10,000/96"
9	2	012-219	Washer, Flat Plain - 2.13" IDx4.5"ODx0.187" THK	10,000/96"
10	2	798-049	Pin Ass'y (1-1/2" Thick Legs)	10,000/96"
11	2	013-012	Spring Pin - 1/4" X 2	10,000/96"
12	6	106-389	Washer, 1-3/4"ODx1"IDx1/16"THK	10,000/96"
13	1	822-440	Strut Weldment, Maintenance	10,000/96"
14	8	035-262	Strap (#6 Hose Clamp)	10,000/96"
15**	3	780-144-190	Cylinder Ass'y (3-1/2"Dia) [19" Stroke]	10,000/96"
16	3	114-993	Pin-Cylinder Pivot	10,000/96"
17	6	013-036	Retaining Ring Ext. - 1-1/4"ID	10,000/96"
18	6	104-476	Lip Stop (3/4"X5/8")	10,000/96"
19	1	312-5116	Deck Ass'y S2 10,000/60x96	10,000/60X96"
19	1	312-5118	Deck Ass'y S2 10,000/72x96	10,000/72X96"
19	1	312-5120	Deck Ass'y S2 10,000/84x96	10,000/84X96"
19	1	312-5122	Deck Ass'y S2 10,000/96x96	10,000/96X96"
19	1	312-5031	Deck Ass'y S3 (Tapered) 10,000/60x96	10,000/60X96"
19	1	312-5032	Deck Ass'y S3 (Tapered) 10,000/72x96	10,000/72X96"
19	1	312-5033	Deck Ass'y S3 (Tapered) 10,000/84x96	10,000/84X96"
19	1	312-5034	Deck Ass'y S3 (Tapered) 10,000/96x96	10,000/96X96"
20	2	798-049	Pin Ass'y (1-1/2" Thick Legs)	10,000/96"
21	6	106-389	Spacer Washer -1-3/4"OD X 1"ID X 1/16" Th	10,000/96"
22	2	013-012	Spring Pin - 1/4" X 2"	10,000/96"
23	2	117-005	Roller Stop	10,000/96"
24	1.6GA	039-066	Paint, Blue (Fast Dry Enamel)	10,000/96"
25	1	034-671	Fitting Four Way	10,000/96"
26	3	034-536	Adapter, 2021-8-6S	10,000/96"
27	1	034-537	Adapter	10,000/96"
28	1	300-5000	Hose, #6 High Pressure (4"Lg) Str. Swivel(2)	10,000/96"
29	2	300-5000-15	Hose, #6 HP (26"Lg) Str.Swivel(2)	10,000/96"

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General Assembly - 10,000 lb. Cap. - 96" Deck Length

Item	Qty	Part No	General Description	Specific Description
30	3	034-599	Fitting Elbow Forged 6MP-4MP-90°	10,000/96"
31	3	033-661	Velocity Fuse - 5 GPM	10,000/96"
32	1	312-5080-4	Guard Rail, Right Side 96"Deck	10,000/96"
33	1	312-5076	Guard Rail Weld (84-1/2"X45")	10,000/96"
34	1	302-5007-3	Lip Assy 60" Spring Assist 1pc ,18"Lg	10,000/96"
35	2	106-205	Bar For Lip Hinge (60"Lg)	10,000/96"
36	2	013-011	Spring Pin - 1/4" X 1-3/8"	10,000/96"
37	1	091-023-0600	Chain (60"Lg) [3/16"Proof Coil Galvanized]	10,000/96"
38	2	091-023-0540	Chain (54"Lg) 3/16"Proof Coil Galvanized	10,000/60X96"
38	2	091-023-0660	Chain (66"Lg) 3/16"Proof Coil Galvanized	10,000/72X96"
38	2	091-023-0780	Chain (78"Lg) 3/16"Proof Coil Galvanized	10,000/84X96"
38	2	091-023-0900	Chain (90"Lg) 3/16"Proof Coil Galvanized	10,000/96X96"
39	2	R3-19203	Hook Snap 4"Lg - 7/16"-20	10,000/96"
40	2	120-353	Torsion Spring	10,000/96"
41	1	034-674	Fitting, 1/4" Male X 3/8" Comp	10,000/96"
42	2	091-000-0340	Tubing Black Nylon (34"Lg) 3/8"	10,000/60X96"
42	2	091-000-0400	Tubing Black Nylon (40"Lg) 3/8"	10,000/72X96"
42	2	091-000-0460	Tubing Black Nylon (46"Lg) 3/8"	10,000/84X96"
42	2	091-000-0520	Tubing Black Nylon (52"Lg) 3/8"	10,000/96X96"
43	2	035-085	Fitting Tee	10,000/96"
44	1	034-673	Fitting Nylon Tee (3/8" Comp)	10,000/96"
45	4	025-087	Cable Ties	10,000/96"
46	1	300-5006-2	Vent Line Kit (27'lg)	10,000/60X96"
46	1	300-5006-3	Vent Line Kit (28'lg)	10,000/72X96"
46	1	300-5006-4	Vent Line Kit (29'lg)	10,000/84X96"
46	1	300-5006-5	Vent Line Kit (30'lg)	10,000/96X96"
47	1	300-5001-38	Hose, #8 Hp (144"Lg) Str.Swivel(2)	10,000/72X96"

8.6.1 Cylinder Assembly - 10,000 lb. Cap. - 96" Deck Length

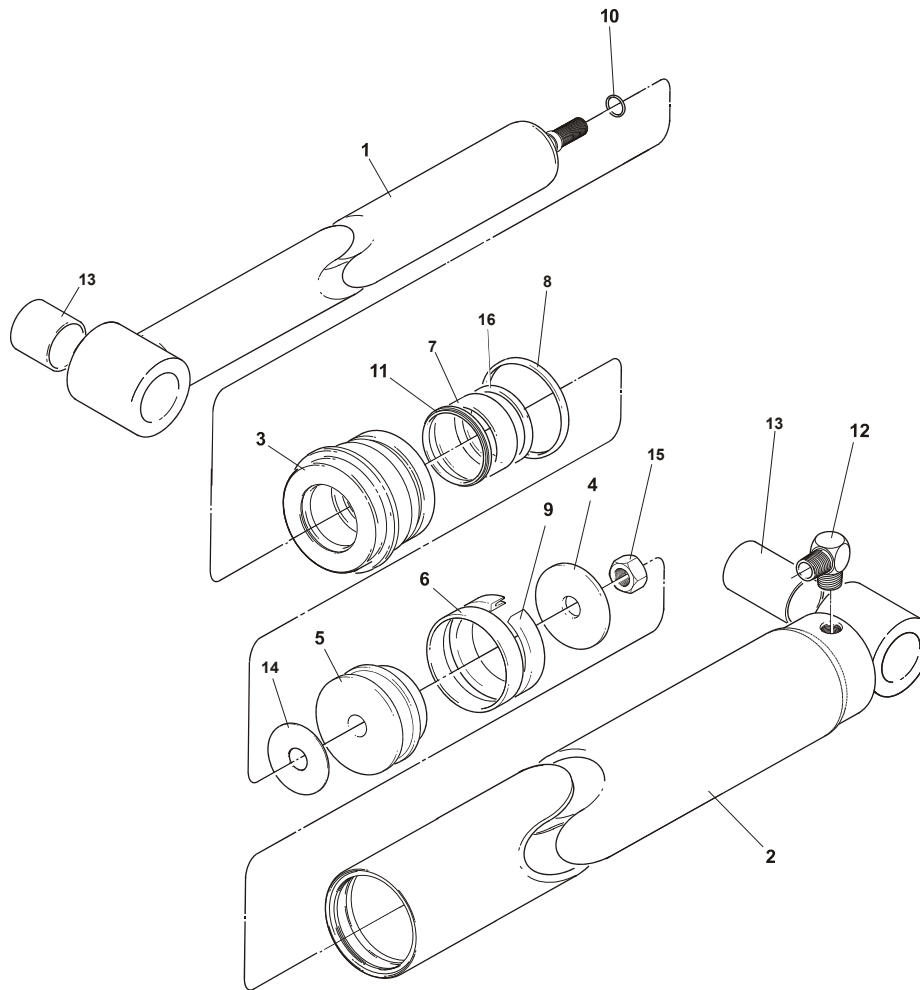


Figure 33 : Cylinder Assembly - 10,000 lb. - 96" Deck Length

Item	Qty	Part No	General Description	Specific Description
15**	3	780-144-190	Cylinder Ass'y (3-1/2"Dia) [19" Stroke]	10,000/96"
1	1	786-855	Ram Assy 3", 3-1/2", & 4"	10,000/96"
2	1	780-145	Housing Weldment (4"Dia)	10,000/96"
3	1	117-966	Headnut 3-1/2" Dia. Cyl (2" Dia. Rod)	10,000/96"
4	1	114-979	Piston Washer - (3-1/2" Dia)	10,000/96"
5	1	114-639	Piston - 3-1/2"Dia Cyl	10,000/96"
6●	1	036-155	Wear Ring Pist. Wd. 3-1/2x1/2	10,000/96"
7●	1	036-182	Wear Ring - 3" X .125" Thick	10,000/96"
8●	1	036-131	O-Ring - 3-1/2"OD X 3-3/4"ID	10,000/96"
9●	1	036-111	U-Cup - 3-1/2" X 2-7/8" X 1/2"	10,000/96"
10●	1	036-108	O-Ring - 3/4"OD X 5/8"ID X 1/16"	10,000/96"
11●	1	036-021	Wiping Ring - 2"ID	10,000/96"
12	1	034-500	Fitting, 6-6	10,000/96"
13	2	018-027	Bushing	10,000/96"
14●	1	117-993	Gasket	10,000/96"
15	1	011-530	Nut, Hex Jam - 3/4"-10	10,000/96"
16●	1	036-176	O-Ring (2-1/4" OD X 2" ID)	10,000/96"
-	-	783-557	Seal Kit Includes Items Marked (●)	10,000/96"

8.7 General Assembly - 12,000 lb. Cap. - 96" Deck Length

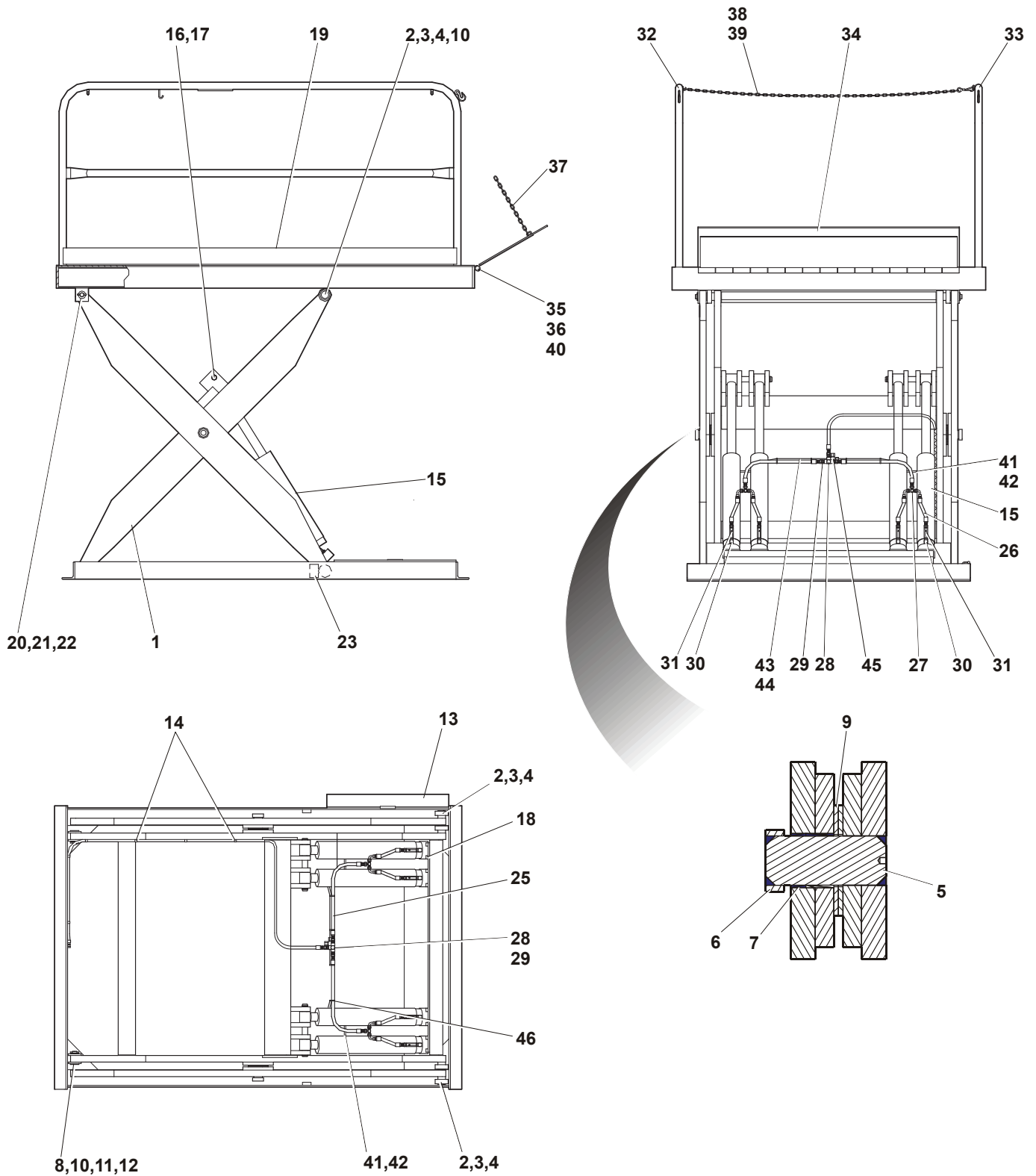


Figure 34 : General Assembly - 12,000 lb. - 96" Deck Length

General Assembly - 12,000 lb. Cap. - 96" Deck Length

Item	Qty	Part No	General Description	Specific Description
			General Assy 12,000 - 96" Deck Length	REF. DWG. 310-5294
1*	1	333-5304	Frame/Leg Weldm't	12,000/60X96"
1*	1	333-5305	Frame/Leg Weldm't	12,000/72X96"
1*	1	333-5306	Frame/Leg Weldm't	12,000/84X96"
1*	1	313-5013	Frame/Leg Weldm't	12,000/96X96"
2	2	019-001	Roller Bearing, 3"OD X 1-5/8"ID X 1"W	12,000/96"
3	4	011-066	Capscrew, Hex Skt F/H - 5/16"-18 X 3/4"	12,000/96"
4	2	013-005	Spring Pin 5/32"x1"Lg	12,000/96"
5	2	114-652	Centre Pin 1-1/2" Thk Leg (5-7/8" Lg)	12,000/96"
6	2	114-606	Collar - 2" (Centre Pin Mod)	12,000/96"
7	2	018-034	Bushing - 2"IDx2"LG	12,000/96"
8	4	018-051	Bushing - 1"IDx3/4"LG	12,000/96"
9	2	012-219	Washer, Flat-2.13" IDx4.5"ODx0.187" TH	12,000/96"
10	2	798-049	Pin Ass'y (1-1/2" Thick Legs)	12,000/96"
11	2	013-012	Spring Pin - 1/4" X 2	12,000/96"
12	6	106-389	Spacer Washer, 1-3/4"ODx1"IDx1/16"TH	12,000/96"
13	1	822-440	Strut Weldment, Maintenance	12,000/96"
14	8	035-262	Strap (#6 Hose Clamp)	12,000/96"
15**	3	780-144-190	Cylinder Ass'y (3-1/2"Dia) [19" Stroke]	12,000/96"
16	3	115-043	Pin-Cylinder Pivot	12,000/96"
17	6	013-036	Retaining Ring Ext. - 1-1/4"Id	12,000/96"
18	6	104-476	Lip Stop (3/4"X5/8")	12,000/96"
19	1	312-5117	Deck Ass'y S2 12,000/60x96	12,000/60X96"
19	1	312-5119	Deck Ass'y S2 12,000/72x96	12,000/72X96"
19	1	312-5121	Deck Ass'y S2 12,000/84x96	12,000/84X96"
19	1	312-5123	Deck Ass'y S2 12,000/96x96	12,000/96X96"
19	1	312-5088	Deck Ass'y S3 (Tapered) 12,000/60x96	12,000/60X96"
19	1	312-5089	Deck Ass'y S3 (Tapered) 12,000/72x96	12,000/72X96"
19	1	312-5090	Deck Ass'y S3 (Tapered) 12,000/84x96	12,000/84X96"
19	1	312-5091	Deck Ass'y S3 (Tapered) 12,000/96x96	12,000/96X96"
20	2	798-049	Pin Ass'y (1-1/2" Thick Legs)	12,000/96"
21	6	106-389	Spacer Washer - 1-3/4"OD X 1"ID X 1/16Th	12,000/96"
22	2	013-012	Spring Pin - 1/4" X 2"	12,000/96"
23	2	117-005	Roller Stop	12,000/96"
24	1.6GA	039-066	Paint, Blue (Fast Dry Enamel)	12,000/96"
25	2	300-5000-15	Hose, #8 HP (26"Lg) Str.Swivel(2)	12,000/60X96"
25	2	300-5000-20	Hose, #8 HP (34"Lg) Str.Swivel(2)	12,000/72X96"
25	2	300-5001-53	Hose, #8 HP (38"Lg) Str.Swivel(2)	12,000/84X96"
25	2	300-5001-21	Hose, #8 HP (48"Lg) Str.Swivel(2)	12,000/96X96"
26	4	300-5005	Hose, #6 HP - 90 Deg. - Str. Swivel	12,000/96"
27	1	034-551	Fitting, Tee 033T-6-6	12,000/96"
28	1	034-571	Fitting, Tee 022T-6-6	12,000/96"
29	2	034-504	Adapter, 0103-6-6	12,000/96"

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General Assembly - 12,000 lb. Cap. - 96" Deck Length

Item	Qty	Part No	General Description	Specific Description
30	4	034-599	Fitting Elbow Forged 6MP-4MP-90°	12,000/96"
31	3	033-661	Velocity Fuse - 5 GPM	12,000/96"
32	1	312-5080-4	Guard Rail, Right Side 96"Deck	12,000/96"
33	1	312-5076	Guard Rail Weld (84-1/2"X45")	12,000/96"
34	1	302-5007-3	Lip Assy 60" Spring Assist 1pc ,18"Lg]	12,000/96"
34	1	302-5002-8	Lip Assy 60" Spring Assist 1pc ,12"Lg]	12,000/96x96" Lg.
35	2	106-205	Bar, Lip Hinge	12,000/96"
36	2	013-011	Spring Pin - 1/4" X 1-3/8	12,000/96"
37	1	091-023-0600	Chain (60"Lg) [3/16"Proof Coil Galvanized]	12,000/96"
38	2	091-023-0540	Chain (54"Lg) 3/16"Proof Coil Galvanized	12,000/60X96"
38	2	091-023-0660	Chain (66"Lg) 3/16"Proof Coil Galvanized	12,000/72X96"
38	2	091-023-0780	Chain (78"Lg) 3/16"Proof Coil Galvanized	12,000/84X96"
38	2	091-023-0900	Chain (90"Lg) 3/16"Proof Coil Galvanized	12,000/96X96"
39	2	R3-19203	Hook Snap 4"Lg - 7/16"-20	12,000/96"
40	2	120-353	Torsion Spring	12,000/96"
41	2	034-674	Fitting, 1/4" Male X 3/8" Comp	12,000/96"
42	2	091-000-0063	Tubing Black Nylon (6-3/8"Lg) 3/8"	12,000/96"
43	2	035-085	Fitting Tee	12,000/96"
44	2	091-000-0340	Tubing Black Nylon (34"Lg) 3/8"	12,000/60X96"
44	2	091-000-0400	Tubing Black Nylon (40"Lg) 3/8"	12,000/72X96"
44	2	091-000-0460	Tubing Black Nylon (46"Lg) 3/8"	12,000/84X96"
44	2	091-000-0520	Tubing Black Nylon (52"Lg) 3/8"	12,000/96X96"
45	1	034-673	Fitting Nylon Tee (3/8" Comp)	12,000/96"
46	4	025-087	Cable Ties	12,000/96"
47	1	300-5006-2	Vent Line Kit (27'lg) <i>(Not Shown)</i>	12,000/60X96"
47	1	300-5006-3	Vent Line Kit (28'lg) <i>(Not Shown)</i>	12,000/72X96"
47	1	300-5006-4	Vent Line Kit (29'lg) <i>(Not Shown)</i>	12,000/84X96"
47	1	300-5006-5	Vent Line Kit (31'lg) <i>(Not Shown)</i>	12,000/84X96"

8.7.1 Cylinder Assembly - 12,000 lb. Cap. - 96" Deck Length

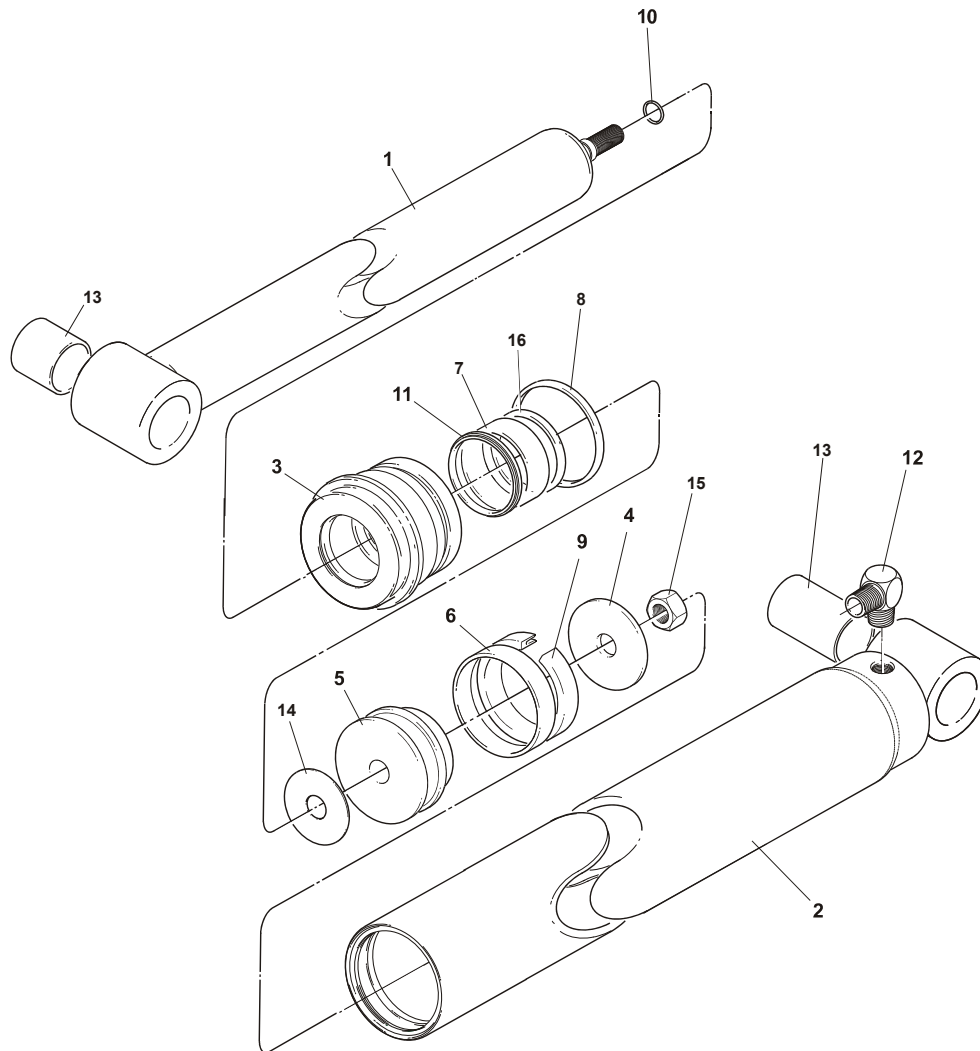


Figure 35 : Cylinder Assembly - 12,000 lb. - 96" Deck Length

Item	Qty	Part No	General Description	Specific Description
-	-	780-144-190	Cylinder Ass'y (3-1/2"Dia) [19" Stroke]	12,000/96"
1	1	786-855	Ram Assy 3", 3-1/2", & 4"	12,000/96"
2	1	780-145	Housing Weldment (4"Dia)	12,000/96"
3	1	117-966	Headnut 3-1/2" Dia. Cyl (2" Dia. Rod)	12,000/96"
4	1	114-979	Piston Washer - (3-1/2" Dia)	12,000/96"
5	1	114-639	Piston - 3-1/2"Dia Cyl	12,000/96"
6●	1	036-155	Wear Ring Pist.Wd.3-1/2x1/2	12,000/96"
7●	1	036-182	Wear Ring - 3" X .125" Thick	12,000/96"
8●	1	036-131	O-Ring - 3-1/2"OD X 3-3/4"ID	12,000/96"
9●	1	036-111	U-Cup - 3-1/2" X 2-7/8" X 1/2"	12,000/96"
10●	1	036-108	O-Ring - 3/4"OD X 5/8"ID X 1/16"	12,000/96"
11●	1	036-021	Wiping Ring - 2"ID	12,000/96"
12	1	034-500	Fitting, 6-6	12,000/96"
13	2	018-027	Bushing	12,000/96"
14●	1	117-993	Gasket	12,000/96"
15	1	011-530	Nut, Hex Jam - 3/4"-10	12,000/96"
16●	1	036-176	O-Ring (2-1/4" OD X 2" ID)	12,000/96"
-	-	783-557	Seal Kit Includes Items Marked (●)	12,000/96"

8.8 General Assembly - 10 & 12,000 lb. Cap. - 108" Deck Length

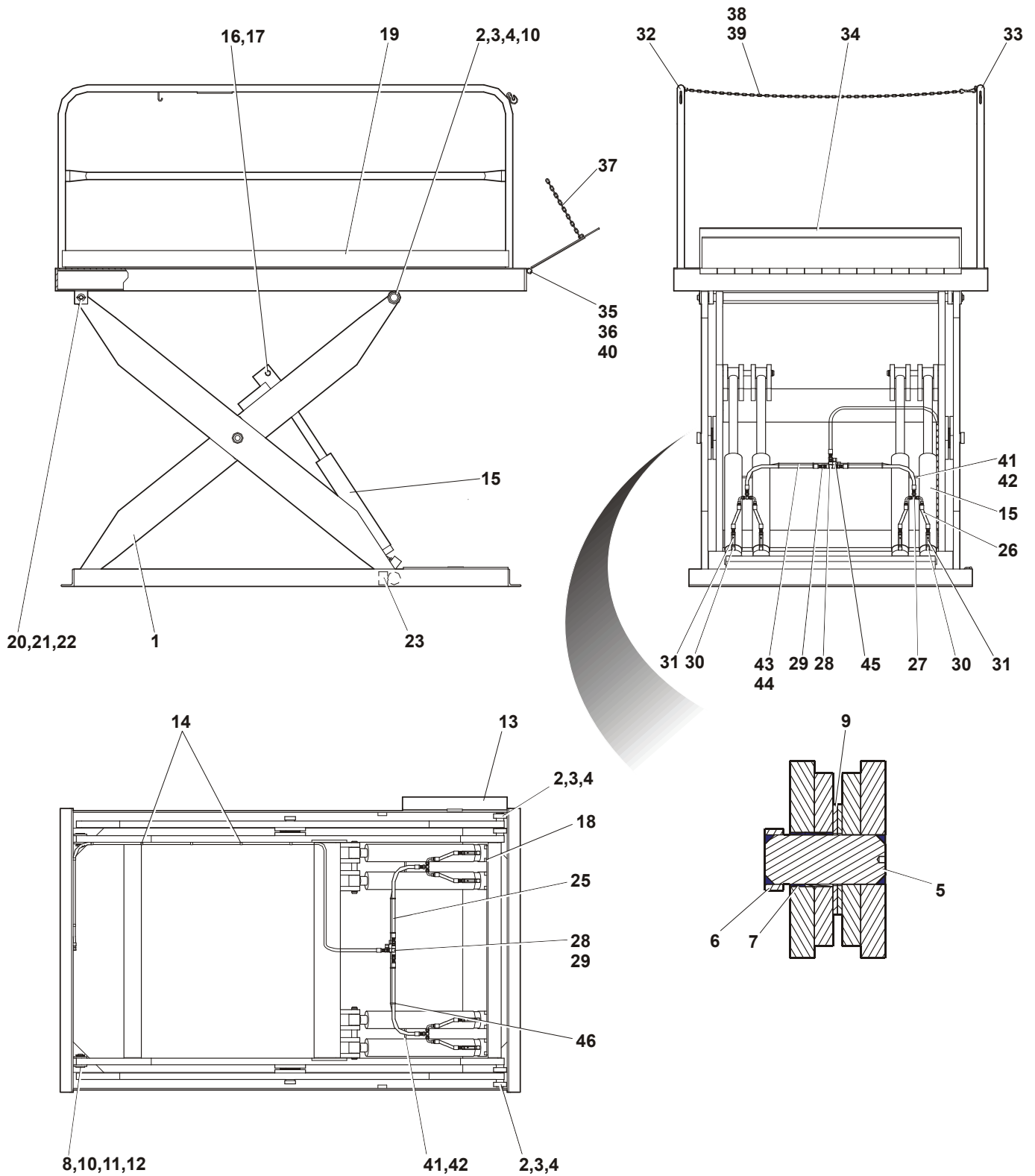


Figure 36 : General Assembly 10 & 12,000 lb. - 108" Deck Length

General Assembly - 10 & 12,000 lb. Cap. - 108" Deck Length

Item	Qty	Part No	General Description	Specific Description
			General Assy 10,&12,000 - 108" Deck Lg	REF. DWG. 310-5305
1*	1	333-5308	Frame/Leg Weldm't	10,&12,000/60X108"
1*	1	333-5309	Frame/Leg Weldm't	10,&12,000/72X108"
1*	1	333-5310	Frame/Leg Weldm't	10,&12,000/84X108"
1*	1	313-5015	Frame/Leg Weldm't	10,&12,000/96X108"
2	2	019-001	Bearing, Roller 3"OD X 1-5/8"ID X 1"W	10,&12,000/108"
3	4	011-066	Capscrew, Hex Skt F/H - 5/16"-18 X 3/4"	10,&12,000/108"
4	2	013-005	Spring Pin 5/32"x1"Lg	10,&12,000/108"
5	2	114-652	Centre Pin 1-1/2" Thk Leg (5-7/8" Lg)	10,&12,000/108"
6	2	114-606	Collar - 2" (Centre Pin Mod)	10,&12,000/108"
7	2	018-034	Bushing - 2"IDx2"LG	10,&12,000/108"
8	4	018-051	Bushing - 1"IDx3/4"LG	10,&12,000/108"
9	2	012-219	Washer, Flat-2.13" IDx4.5"ODx0.187" TH	10,&12,000/108"
10	2	798-049	Pin Ass'y (1-1/2" Thick Legs)	10,&12,000/108"
11	2	013-012	Spring Pin - 1/4" X 2	10,&12,000/108"
12	6	106-389	Spacer Washer, 1-3/4"ODx1"IDx1/16"TH	10,&12,000/108"
13	1	822-440	Strut Weldment, Maintenance	10,&12,000/108"
14	8	035-262	Strap (#6 Hose Clamp)	10,&12,000/108"
15**	3	780-144-210	Cylinder Ass'y (3-1/2"Dia) [21" Stroke]	10,&12,000/108"
16	3	115-043	Pin-Cylinder Pivot	10,&12,000/108"
17	6	013-036	Retaining Ring Ext. - 1-1/4"ID	10,&12,000/108"
18	6	104-476	Lip Stop (3/4"x5/8")	10,&12,000/108"
19	1	312-5132	Deck Ass'y S2 10,&12,000/60x108	10,&12,000/60X108"
19	1	312-5133	Deck Ass'y S2 10,&12,000/72x108	10,&12,000/72X108"
19	1	312-5134	Deck Ass'y S2 10,&12,000/84x108	10,&12,000/84X108"
19	1	312-5135	Deck Ass'y S2 10,&12,000/96x108	10,&12,000/96X108"
19	1	312-5043	Deck Ass'y S3 (Taprd) 10,&12,000/60x108	10,&12,000/60X108"
19	1	312-5044	Deck Ass'y S3 (Taprd) 10,&12,000/72x108	10,&12,000/72X108"
19	1	312-5045	Deck Ass'y S3 (Taprd) 10,&12,000/84x108	10,&12,000/84X108"
19	1	312-5046	Deck Ass'y S3 (Taprd) 10,&12,000/96x108	10,&12,000/96X108"
20	2	798-049	Pin Ass'y (1-1/2" Thick Legs)	10,&12,000/108"
21	6	106-389	Spacer Washer - 1-3/4"OD X 1"ID X 1/16" Th	10,&12,000/108"
22	2	013-012	Spring Pin - 1/4" X 2"	10,&12,000/108"
23	2	103-445	Roller Stop	10,&12,000/108"
24	1.6GA	039-066	Paint, Blue (Fast Dry Enamel)	10,&12,000/108"
25	2	300-5000-15	Hose, #8 HP (26"Lg) Str.Swivel(2)	10,&12,000/60X108"
25	2	300-5000-20	Hose, #8 HP (34"Lg) Str.Swivel(2)	10,&12,000/72X108"
25	2	300-5001-53	Hose, #8 HP (38"Lg) Str.Swivel(2)	10,&12,000/84X108"
25	2	300-5001-21	Hose, #8 HP (48"Lg) Str.Swivel(2)	10,&12,000/96X108"
26	1	300-5005	Hose, #6 HP - 90 Deg. - Str. Swivel	10,&12,000/108"
27	1	034-551	Fitting, Tee 033T-6-6	10,&12,000/108"
28	1	034-571	Fitting, Tee 022T-6-6	10,&12,000/108"

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General Assembly - 10 & 12,000 lb. Cap. - 108" Deck Length

Item	Qty	Part No	General Description	Specific Description
29	2	034-504	Adapter, 0103-6-6	10,&12,000/108"
30	4	034-599	Fitting Elbow Forged 6MP-4MP-90	10,&12,000/108"
31	3	033-663	Velocity Fuse - 7.5 GPM	10,&12,000/108"
32	1	312-5080-5	Guard Rail, Right Side 108"Deck	10,&12,000/108"
33	1	312-5077	Guard Rail Weld (96-1/2"X45")	10,&12,000/108"
34	1	302-5007-3	Lip Assy 60" Spring Assist 1pc ,18"Lg]	10,&12,000/108"
35	2	809-483	Shaft, Lip (29-1/2" LG.)	10,&12,000/108"
36	2	013-011	Spring Pin - 1/4" X 1-3/8	10,&12,000/108"
37	1	091-023-0600	Chain (60"Lg) [3/16"Proof Coil Galvanized]	10,&12,000/108"
38	2	091-023-0540	Chain (54"Lg) 3/16"Proof Coil Galvanized	10,&12,000/60X108"
38	2	091-023-0660	Chain (66"Lg) 3/16"Proof Coil Galvanized	10,&12,000/72X108"
38	2	091-023-0780	Chain (78"Lg) 3/16"Proof Coil Galvanized	10,&12,000/84X108"
38	2	091-023-0900	Chain (90"Lg) 3/16"Proof Coil Galvanized	10,&12,000/96X108"
39	2	R3-19203	Hook Snap 4"Lg - 7/16"-20	10,&12,000/108"
40	2	120-353	Torsion Spring	10,&12,000/108"
41	2	034-674	Fitting, 1/4" Male X 3/8" Comp	10,&12,000/108"
42	2	091-000-0063	Tubing Black Nylon (6-3/8"Lg) 3/8"	10,&12,000/108"
43	2	035-085	Fitting Tee	10,&12,000/108"
44	2	091-000-0340	Tubing Black Nylon (34"Lg) 3/8"	10,&12,000/60X108"
44	2	091-000-0400	Tubing Black Nylon (40"Lg) 3/8"	10,&12,000/72X108"
44	2	091-000-0460	Tubing Black Nylon (46"Lg) 3/8"	10,&12,000/84X108"
44	2	091-000-0520	Tubing Black Nylon (52"Lg) 3/8"	10,&12,000/96X108"
45	1	034-673	Fitting Nylon Tee (3/8" Comp)	10,&12,000/108"
46	4	025-087	Cable Ties	10,&12,000/108"
47	1	300-5006-3	Vent Line Kit (28'lg)	10,&12,000/60X108"
47	1	300-5006-4	Vent Line Kit (29'lg)	10,&12,000/72X108"
47	1	300-5006-5	Vent Line Kit (30'lg)	10,&12,000/84X108"
47	1	300-5006-6	Vent Line Kit (31'lg)	10,&12,000/84X108"

8.8.1 Cylinder Assembly - 10 & 12,000 lb. Cap. - 108" Deck Length

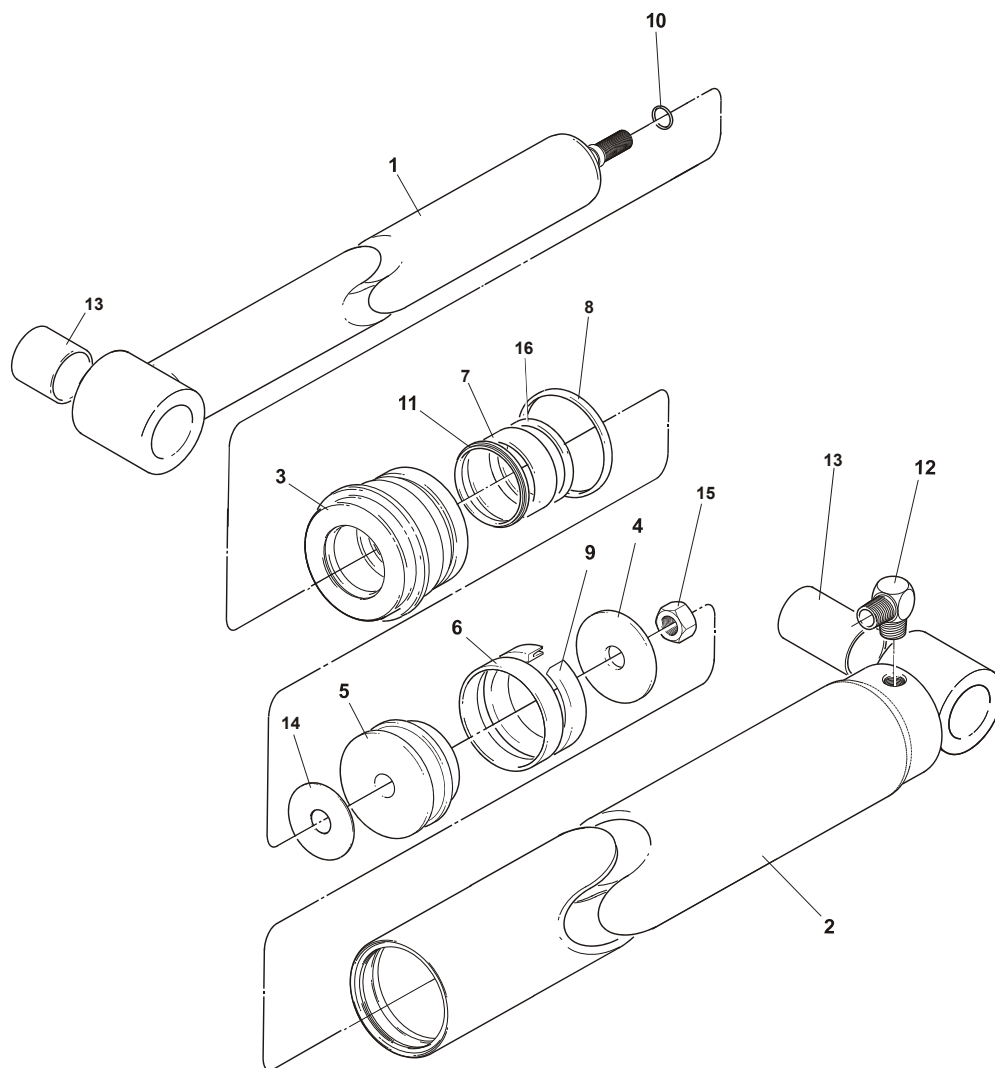


Figure 37 : Cylinder Assembly - 10, & 12,000 lb. - 108" Deck Length

Item	Qty	Part No	General Description	Specific Description
-	-	780-144-210	Cylinder Ass'y (3-1/2"Dia) [21" Stroke]	10,&12,000/108"
1	1	786-855	Ram Assy 3", 3-1/2", & 4"	10,&12,000/108"
2	1	780-145	Housing Weldment (4"Dia)	10,&12,000/108"
3	1	117-966	Headnut 3-1/2" Dia. Cyl (2" Dia. Rod)	10,&12,000/108"
4	1	114-979	Piston Washer - (3-1/2" Dia)	10,&12,000/108"
5	1	114-639	Piston - 3-1/2"Dia Cyl	10,&12,000/108"
6●	1	036-155	Wear Ring Pist.Wd.3-1/2x1/2	10,&12,000/108"
7●	1	036-182	Wear Ring - 3" X .125" Thick	10,&12,000/108"
8●	1	036-131	O-Ring - 3-1/2"OD X 3-3/4"ID	10,&12,000/108"
9●	1	036-111	U-Cup - 3-1/2" X 2-7/8" X 1/2"	10,&12,000/108"
10●	1	036-108	O-Ring - 3/4"OD X 5/8"ID X 1/16"	10,&12,000/108"
11●	1	036-021	Wiping Ring - 2"ID	10,&12,000/108"
12	1	034-500	Fitting, 6-6	10,&12,000/108"
13	2	018-027	Bushing	10,&12,000/108"
14●	1	117-993	Gasket	10,&12,000/108"
15	1	011-530	Nut, Hex Jam - 3/4"-10	10,&12,000/108"
16●	1	036-176	O-Ring (2-1/4" OD X 2" ID)	10,&12,000/108"
-	-	783-557	Seal Kit Includes Items Marked (●)	10,&12,000/108"

8.9 General Assembly - 10 & 12,000 lb. Cap. - 120" Deck Length

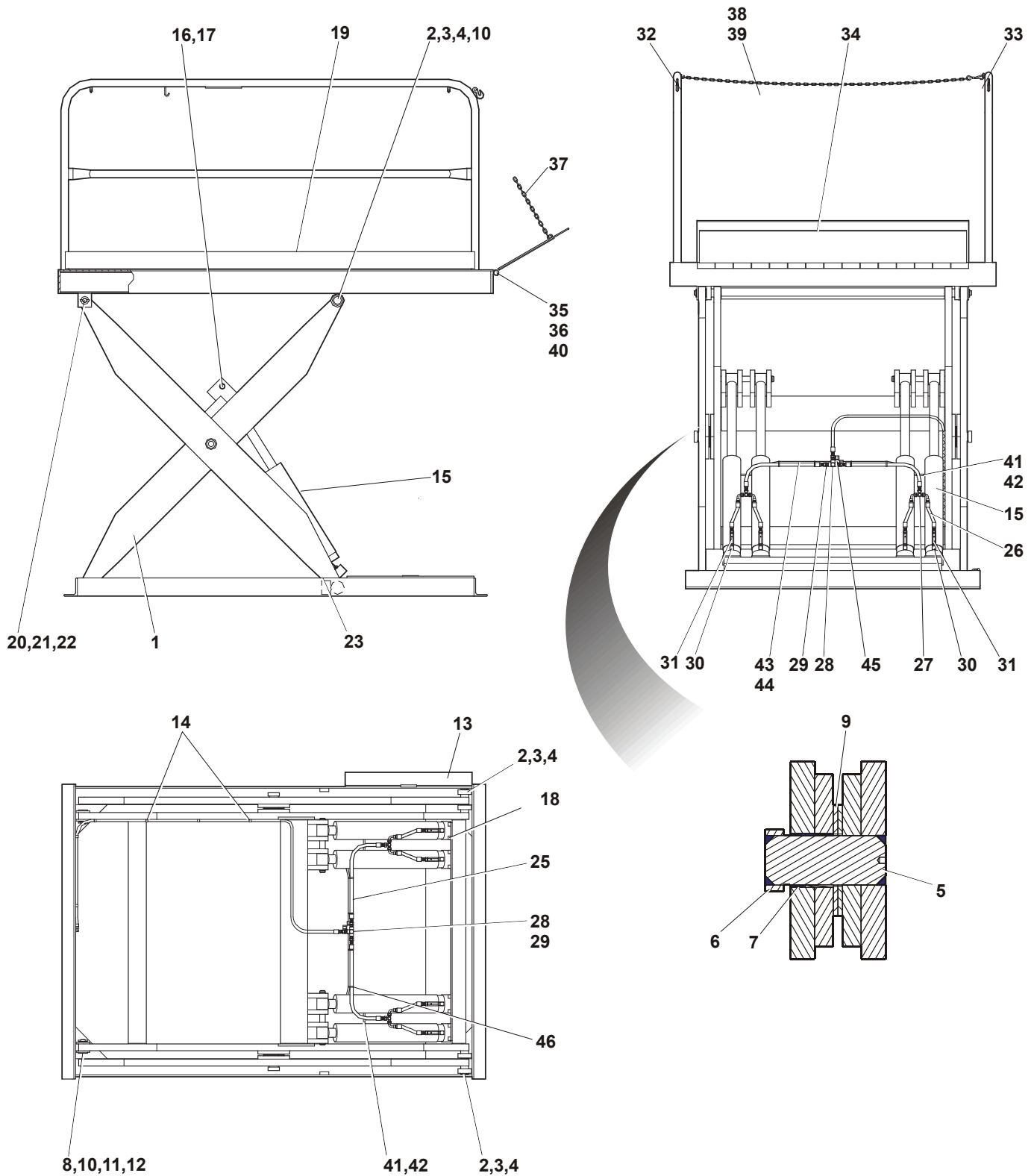


Figure 38 : General Assembly - 10 & 12,000 lb. - 120" Deck Length

General Assembly - 10 & 12,000 lb. Cap. - 120" Deck Length

Item	Qty	Part No	General Description	Specific Description
			General Assy 10,&12,000-120" Deck Lgth	REF. DWG. 310-5316
1*	1	333-5308	Frame/Leg Weldm't	10,&12,000/60X120"
1*	1	333-5309	Frame/Leg Weldm't	10,&12,000/72X120"
1*	1	333-5310	Frame/Leg Weldm't	10,&12,000/84X120"
1*	1	313-5015	Frame/Leg Weldm't	10,&12,000/96X120"
2	2	019-001	Bearing, 3"OD X 1-5/8"ID X 1"W	10,&12,000/120"
3	4	011-066	Capscrew, Hex Skt F/H - 5/16"-18 X 3/4"	10,&12,000/120"
4	2	013-005	Spring Pin 5/32"x1"Lg	10,&12,000/120"
5	2	114-652	Centre Pin 1-1/2" Thk Leg (5-7/8" Lg)	10,&12,000/120"
6	2	114-606	Collar - 2" (Centre Pin Mod Ed)	10,&12,000/120"
7	2	018-034	Bushing - 2"IDx2"LG	10,&12,000/120"
8	4	018-051	Bushing - 1"IDx3/4"LG	10,&12,000/120"
9	2	012-219	Washer, Flat-2.13" IDx4.5"ODx0.187" TH	10,&12,000/120"
10	2	798-049	Pin Ass'y (1-1/2" Thick Legs)	10,&12,000/120"
11	2	013-012	Spring Pin - 1/4" X 2	10,&12,000/120"
12	6	106-389	Spacer Washer, 1-3/4"ODx1"IDx1/16"TH	10,&12,000/120"
13	1	822-440	Strut Weldment, Maintenance	10,&12,000/120"
14	8	035-262	Strap (#6 Hose Clamp)	10,&12,000/120"
15**	4	780-144-210	Cylinder Ass'y (3-1/2"Dia) [21" Stroke]	10,&12,000/120"
15**	4	780-144-214	Cylinder Ass'y (3-1/2"Dia) [21-1/2" Stroke]	ED10/96X120"
16	3	115-043	Pin-Cylinder Pivot	10,&12,000/120"
17	6	013-036	Retaining Ring Ext. - 1-1/4"ID	10,&12,000/120"
18	6	104-476	Lip Stop (3/4"X5/8")	10,&12,000/120"
19	1	312-5144	Deck Ass'y S2 10,&12,000/60x120	10,&12,000/60X120"
19	1	312-5145	Deck Ass'y S2 10,&12,000/72x120	10,&12,000/72X120"
19	1	312-5146	Deck Ass'y S2 10,&12,000/84x120	10,&12,000/84X120"
19	1	312-5147	Deck Ass'y S2 10,&12,000/96x120	10,&12,000/96X120"
19	1	312-5055	Deck Ass'y S3 (Taprd) 10,&12,000/60x120	10,&12,000/60X120"
19	1	312-5056	Deck Ass'y S3 (Taprd) 10,&12,000/72x120	10,&12,000/72X120"
19	1	312-5057	Deck Ass'y S3 (Taprd) 10,&12,000/84x120	10,&12,000/84X120"
19	1	312-5058	Deck Ass'y S3 (Taprd) 10,&12,000/96x120	10,&12,000/96X120"
20	2	798-049	Pin Ass'y (1-1/2" Thick Legs)	10,&12,000/120"
21	6	106-389	Spacer Washer - 1-3/4"OD X 1"ID X 1/16Th	10,&12,000/120"
22	2	013-012	Spring Pin - 1/4" X 2	10,&12,000/120"
23	2	117-005	Roller Stop	10,&12,000/120"
24	1.6GA	039-066	Paint, Blue (Fast Dry Enamel)	10,&12,000/120"

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General Assembly - 10 & 12,000 lb. Cap. - 120" Deck Length

Item	Qty	Part No	General Description	Specific Description
25	2	300-5001-15	Hose, #8 HP (26"Lg) Str.Swivel(2)	10,&12,000/60X120"
25	2	300-5000-20	Hose, #8 HP (34"Lg) Str.Swivel(2)	10,000/72X120"
25	2	300-5001-53	Hose, #8 HP (38"Lg) Str.Swivel(2)	10,&12,000/84X120"
25	2	300-5001-20	Hose, #6 HP (34"Lg) Str.Swivel(2)	10,000/96X120"
25	2	300-5000-11	Hose, #6 HP (18"Lg) Str.Swivel(2)	12,000/72X120"
25	2	300-5000-21	Hose, #8 HP (48"Lg) Str.Swivel(2)	12,000/96X120"
26	4	300-5005	Hose, #6 HP - 90 Deg. - Str. Swivel	10,&12,000/120" Lg.
26	4	300-5000-1	Hose, #6 HP (6"Lg) - Str. Swivel(2)	10,000/96X120"
				12,000/72X120"
27	1	034-551	Fitting, Tee 033T-6-6	10,&12,000/120"
28	1	034-571	Fitting, Tee 022T-6-6	10,&12,000/120"
29	2	034-504	Adapter, 0103-6-6	10,&12,000/120"
30	4	034-599	Fitting Elbow Forged 6MP-4MP-90°	10,&12,000/120"
31	3	033-663	Velocity Fuse - 7.5 GPM	10,&12,000/120"
32	1	312-5080-6	Guard Rail, Right Side 120"Deck	10,&12,000/120"
33	1	312-5078	Guard Rail Weld (96-1/2"X45")	10,&12,000/120"
34	1	302-5007-3	Lip Assy 60" Spring Assist 1pc ,18"Lg]	10,&12,000/120"
35	2	809-483	Shaft, Lip (29-1/2" LG.)	10,&12,000/120"
36	2	013-011	Spring Pin - 1/4" X 1-3/8	10,&12,000/120"
37	1	091-023-0600	Chain (60"Lg) [3/16"Proof Coil Galvanized]	10,&12,000/120"
38	2	091-023-0540	Chain (54"Lg) 3/16"Proof Coil Galvanized	10,&12,000/60X120"
38	2	091-023-0660	Chain (66"Lg) 3/16"Proof Coil Galvanized	10,&12,000/72X120"
38	2	091-023-0780	Chain (78"Lg) 3/16"Proof Coil Galvanized	10,&12,000/84X120'
38	2	091-023-0900	Chain (90"Lg) 3/16"Proof Coil Galvanized	10,000/96X120"
39	2	R3-19203	Hook Snap 4"Lg - 7/16"-20	10,&12,000/120"
40	2	120-353	Torsion Spring	10,&12,000/120"
41	2	034-674	Fitting, 1/4" Male X 3/8" Comp	10,&12,000/120"
42	2	091-000-0063	Tubing Black Nylon (6-3/8"Lg) 3/8"	10,&12,000/120"
43	2	035-085	Fitting Tee	10,&12,000/120"
44	2	091-000-0340	Tubing Black Nylon (34"Lg) 3/8"	10,&12,000/60X120"
44	2	091-000-0400	Tubing Black Nylon (40"Lg) 3/8"	10,&12,000/72X120"
44	2	091-000-0460	Tubing Black Nylon (46"Lg) 3/8"	10,000/84X120"
44	2	091-000-0520	Tubing Black Nylon (52"Lg) 3/8"	10,000/96X120"
45	1	034-673	Fitting Nylon Tee (3/8" Comp)	10,&12,000/120"
46	4	025-087	Cable Ties	10,&12,000/120"
47	1	300-5006-4	Vent Line Kit (29'lg)	10,&12,000/60X120"
47	1	300-5006-5	Vent Line Kit (30'lg)	10,&12,000/72X120"
47	1	300-5006-6	Vent Line Kit (31'lg)	10,&12,000/84X120"
47	1	300-5006-7	Vent Line Kit (32'lg)	10,&12,000/96X120"
48	1	300-5001-41	Hose, #8 HP (168"Lg) Str.Swivel(2)	10,000/96X120"
48	1	300-5001-39	Hose, #8 HP (148"Lg) Str.Swivel(2)	12,000/72X120"

8.9.1 Cylinder Assembly - 10 & 12,000 lb. Cap. - 120" Deck Length

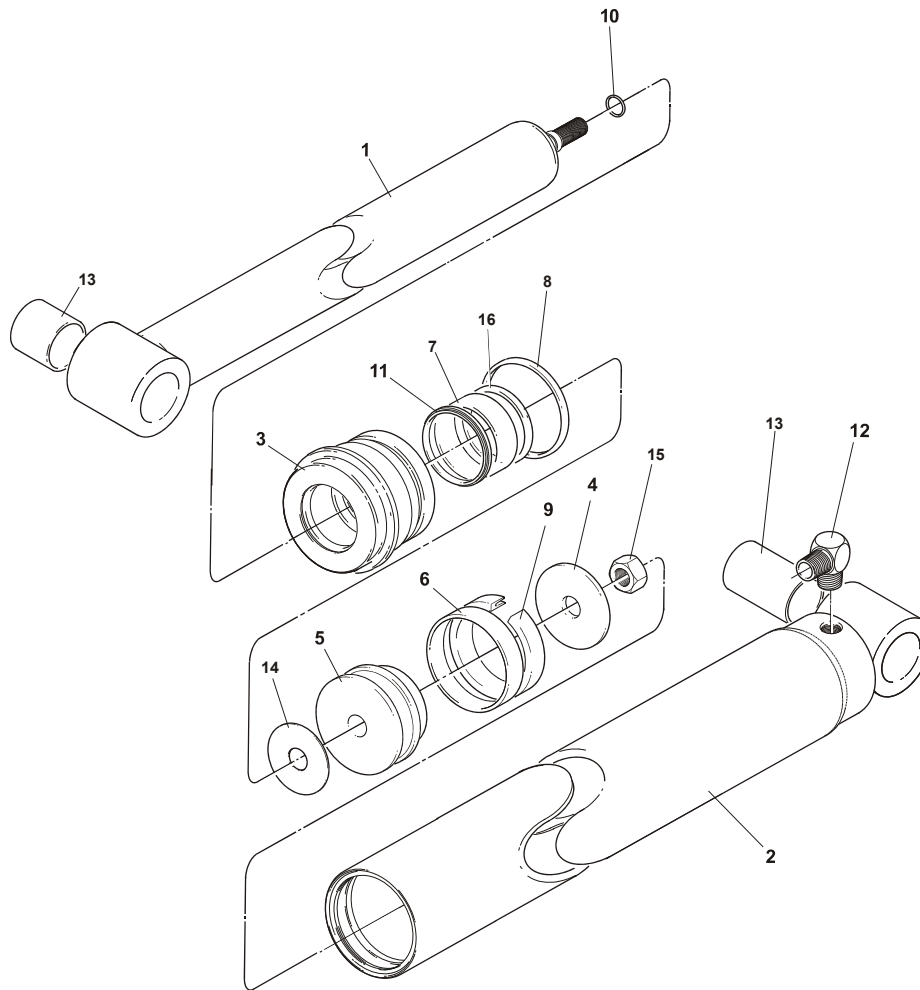


Figure 39 : Cylinder Assembly - 10&12,000 lb. - 120" Deck Length

Item	Qty	Part No	General Description	Specific Description
-	-	780-144-210	Cylinder Ass'y (3-1/2"Dia) [21" Stroke]	10,&12,000/120"
-	-	780-144-214	Cylinder Ass'y (3-1/2"Dia) [21-1/2" Stroke]	10,000/96X120"
1	1	786-855	Ram Assy 3", 3-1/2", & 4"	10,&12,000/120"
2	1	780-145	Housing Weldment (4"Dia)	10,&12,000/120"
3	1	117-966	Headnut 3-1/2" Dia. Cyl (2" Dia. Rod)	10,&12,000/120"
4	1	114-979	Piston Washer - (3-1/2" Dia)	10,&12,000/120"
5	1	114-639	Piston - 3-1/2"Dia Cyl	10,&12,000/120"
6●	1	036-155	Wear Ring Pist. Wd. 3-1/2x1/2	10,&12,000/120"
7●	1	036-182	Wear Ring - 3" X .125" Thick	10,&12,000/120"
8●	1	036-131	O-Ring - 3-1/2"OD X 3-3/4"ID	10,&12,000/120"
9●	1	036-111	U-Cup - 3-1/2" X 2-7/8" X 1/2"	10,&12,000/120"
10●	1	036-108	O-Ring - 3/4"OD X 5/8"ID X 1/16"	10,&12,000/120"
11●	1	036-021	Wiping Ring - 2"ID	10,&12,000/120"
12	1	034-500	Fitting, 6-6	10,&12,000/120"
13	2	018-027	Bushing	10,&12,000/120"
14●	1	117-993	Gasket	10,&12,000/120"
15	1	011-530	Nut, Hex Jam - 3/4"-10	10,&12,000/120"
16●	1	036-176	O-Ring (2-1/4" OD X 2" ID)	10,&12,000/120"
-	-	783-557	Seal Kit Includes Items Marked (●)	10,&12,000/120"

8.10 General Assembly - 10 & 12,000 lb. Cap. - 144" Deck Length

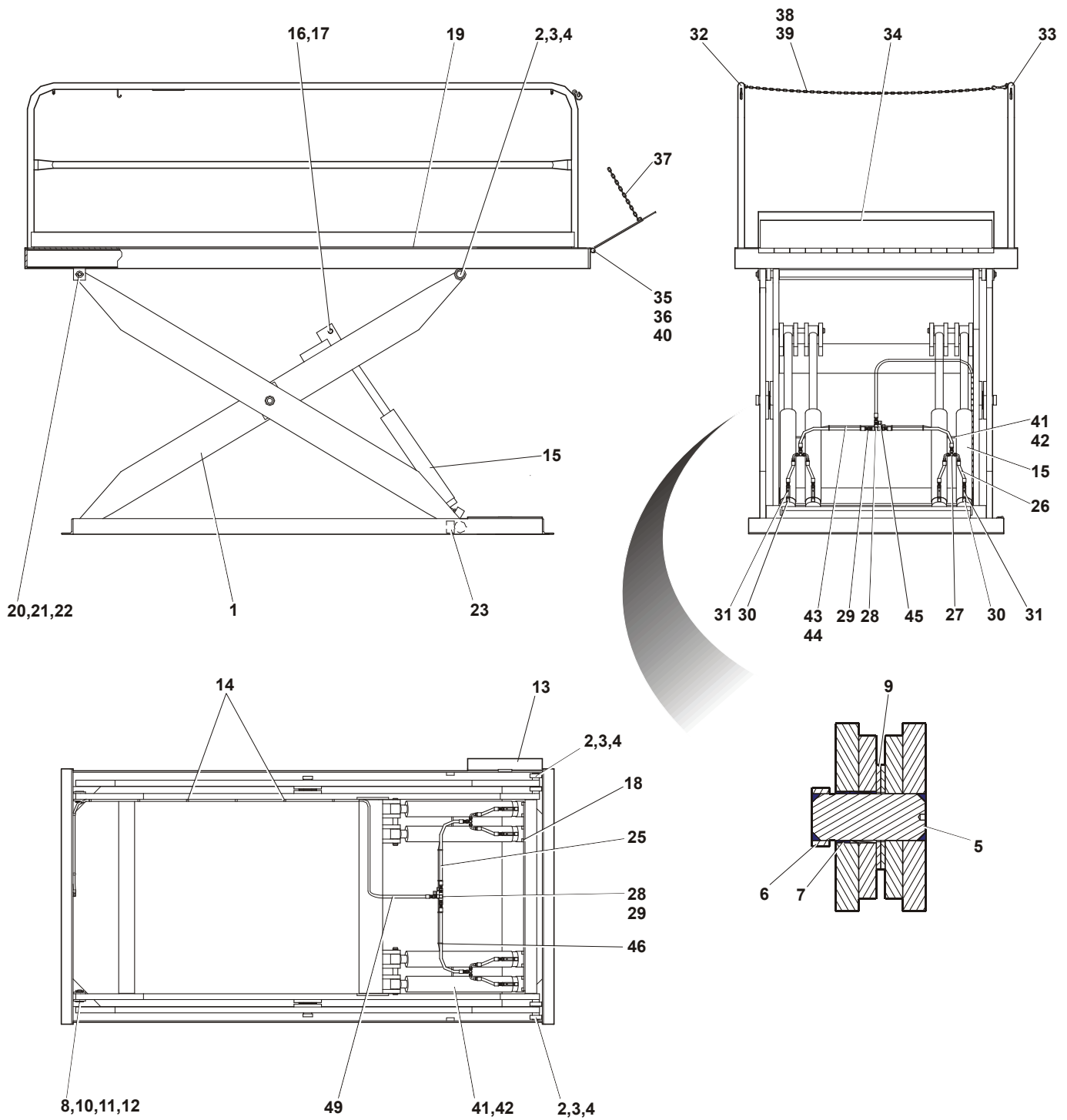


Figure 40 : General Assembly - 10&12,000 lb. - 144" Deck Length

General Assembly - 10 & 12,000 lb. Cap. - 144" Deck Length

Item	Qty	Part No	General Description	Specific Description
			General Assy 10,&12,000-144" Deck Lgth	REF. DWG. 310-5327
1*	1	313-5017	Frame/Leg Weldm't	10,&12,000/60X144"
1*	1	333-5312	Frame/Leg Weldm't	10,&12,000/72X144"
1*	1	333-5313	Frame/Leg Weldm't	10,&12,000/84X144"
1*	1	313-5018	Frame/Leg Weldm't	10,&12,000/96X144"
2	2	019-001	Bearing, 3"OD X 1-5/8"ID X 1"W	10,&12,000/144"
3	4	011-066	Capscrew, Hex Sockt F/H - 5/16"-18x3/4"	10,&12,000/144"
4	2	013-005	Spring Pin 5/32"x1"Lg	10,&12,000/144"
5	2	114-652	Leg Centre Pin 1-1/2" Thk Leg (5-7/8"Lg)	10,&12,000/144"
6	2	114-606	Collar - 2" (Centre Pin Mod Ed)	10,&12,000/144"
7	2	018-034	Bushing - 2"IDx2"LG	10,&12,000/144"
8	4	018-051	Bushing - 1"IDx3/4"LG	10,&12,000/144"
9	2	012-219	Washer, Flat-2.13" IDx4.5"ODx0.187" TK	10,&12,000/144"
10	2	798-049	Pin Ass'y (1-1/2" Thick Legs)	10,&12,000/144"
11	2	013-012	Spring Pin - 1/4" X 2	10,&12,000/144"
12	6	106-389	Spacer Washer, 1-3/4"ODx1"IDx1/16"TH	10,&12,000/144"
13	1	822-440	Strut Weldment, Maintenance	10,&12,000/144"
14	8	035-262	Strap (#6 Hose Clamp)	10,&12,000/144"
15**	4	780-144-232	Cylinder Ass'y (3-1/2"Dia) [23-1/4" Stroke]	10,&12,000/144" Lg.
15**	4	780-144-240	Cylinder Ass'y (3-1/2"Dia) [24" Stroke]	10,000/84X144"
16	3	115-043	Pin-Cylinder Pivot	10,&12,000/144"
17	6	013-036	Retaining Ring Ext. - 1-1/4"ID	10,&12,000/144"
18	6	104-476	Lip Stop (3/4"X5/8")	10,&12,000/144"
19	1	312-5157	Deck Ass'y S2 ED10,12/60x144	10,&12,000/60X144"
19	1	312-5158	Deck Ass'y S2 ED10,12/72x144	10,&12,000/72X144"
19	1	312-5159	Deck Ass'y S2 ED10,12/84x144	10,&12,000/84X144"
19	1	312-5160	Deck Ass'y S2 ED10,12/96x144	10,&12,000/96X144"
19	1	312-5067	Deck Ass'y S3 Tapered ED10,12/60x144	10,&12,000/60X144"
19	1	312-5068	Deck Ass'y S3 Tapered ED10,12/72x144	10,&12,000/72X144"
19	1	312-5069	Deck Ass'y S3 Tapered ED10,12/84x144	10,&12,000/84X144"
19	1	312-5070	Deck Ass'y S3 Tapered ED10,12/96x144	10,&12,000/96X144"
20	2	798-049	Pin Ass'y (1-1/2" Thick Legs)	10,&12,000/144"
21	6	106-389	Spacer Washer - 1-3/4"Od X 1"Id X 1/16thk	10,&12,000/144"
22	2	013-012	Spring Pin - 1/4" X 2	10,&12,000/144"
23	2	117-005	Roller Stop	10,&12,000/144"
24	1.6GA	039-066	Paint, Blue (Fast Dry Enamel)	10,&12,000/144"
25	2	300-5001-15	Hose, #8 HP (26"Lg) Str.Swivel(2)	10,&12,000/60X144"
25	2	300-5000-20	Hose, #8 HP (34"Lg) Str.Swivel(2)	10,000/72-84X144"
25	2	300-5001-53	Hose, #8 HP (38"Lg) Str.Swivel(2)	10,&12,000/84X144"
25	2	300-5001-20	Hose, #6 HP (34"Lg) Str.Swivel(2)	10,000/96X144"
25	2	300-5000-21	Hose, #8 HP (48"Lg) Str.Swivel(2)	12,000/96X144"
26	4	300-5000	Hose, #6 HP - 90 Deg. - Str. Swivel	10,&12,000 -144" Lg.
26	4	300-5000-1	Hose, #6 HP (6"Lg) - Str. Swivel(2)	10,000/84X144"

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Continued...

General Assembly - 10 & 12,000 lb. Cap. - 144" Deck Length

Item	Qty	Part No	General Description	Specific Description
27	1	034-551	Fitting, Tee 033T-6-6	10,&12,000/144"
28	1	034-571	Fitting, Tee 022T-6-6	10,&12,000/144"
29	2	034-504	Adapter, 0103-6-6	10,&12,000/144"
30	4	034-599	Fitting Elbow Forged 6MP-4MP-90	10,&12,000/144"
31	3	033-663	Velocity Fuse - 7.5 GPM	10,&12,000/144"
32	1	312-5080-7	Guard Rail, Right Side 144"Deck	10,&12,000/144"
33	1	312-5079	Guard Rail Weld (96-1/2"X45")	10,&12,000/144"
34	1	302-5007-3	Lip Assy 60" Spring Assist 1pc ,18"Lg]	10,&12,000/144"
35	2	809-483	Shaft, Lip (29-1/2" LG.)	10,&12,000/144"
36	2	013-011	Spring Pin - 1/4" X 1-3/8	10,&12,000/144"
37	1	091-023-0600	Chain (60"Lg) [3/16"Proof Coil Galvanized]	10,&12,000/144"
38	2	091-023-0540	Chain (54"Lg) 3/16"Proof Coil Galvanized	10,&12,000/60X144"
38	2	091-023-0660	Chain (66"Lg) 3/16"Proof Coil Galvanized	10,&12,000/72X144"
38	2	091-023-0780	Chain (78"Lg) 3/16"Proof Coil Galvanized	10,&12,000/84X144"
38	2	091-023-0900	Chain (90"Lg) 3/16"Proof Coil Galvanized	10,000/96X144"
39	2	R3-19203	Hook Snap 4"Lg - 7/16"-20	10,&12,000/144"
40	2	120-353	Torsion Spring	10,&12,000/144"
41	2	034-674	Fitting, 1/4" Male X 3/8" Comp	10,&12,000/144"
42	2	091-000-0063	Tubing Black Nylon (6-3/8"Lg) 3/8"	10,&12,000/144"
43	2	035-085	Fitting Tee	10,&12,000/144"
44	2	091-000-0340	Tubing Black Nylon (34"Lg) 3/8"	10,&12,000/60X144"
44	2	091-000-0400	Tubing Black Nylon (40"Lg) 3/8"	10,&12,000/72X144"
44	2	091-000-0460	Tubing Black Nylon (46"Lg) 3/8"	10,000/84X144"
44	2	091-000-0520	Tubing Black Nylon (52"Lg) 3/8"	10,000/96X144"
45	1	034-673	Fitting Nylon Tee (3/8" Comp)	10,&12,000/144"
46	4	025-087	Cable Ties	10,&12,000/144"
47	1	300-5006-6	Vent Line Kit (31'lg)	10,&12,000/60X144"
48	1	300-5006-7	Vent Line Kit (32'lg)	10,&12,000/72X144"
48	1	300-5006-8	Vent Line Kit (33'lg)	10,&12,000/84X144"
48	1	300-5006-9	Vent Line Kit (34'lg)	10,&12,000/96X144"
49	1	300-5001-47	Hose, #8 HP (240"Lg) Str.Swivel(2)	10,000/84X144"
50		834-298	Pop-Up Safety Stop Assy	10,000/84X144"

8.10.1 Cylinder Assembly - 10 & 12,000 lb. Cap. - 144" Deck Length

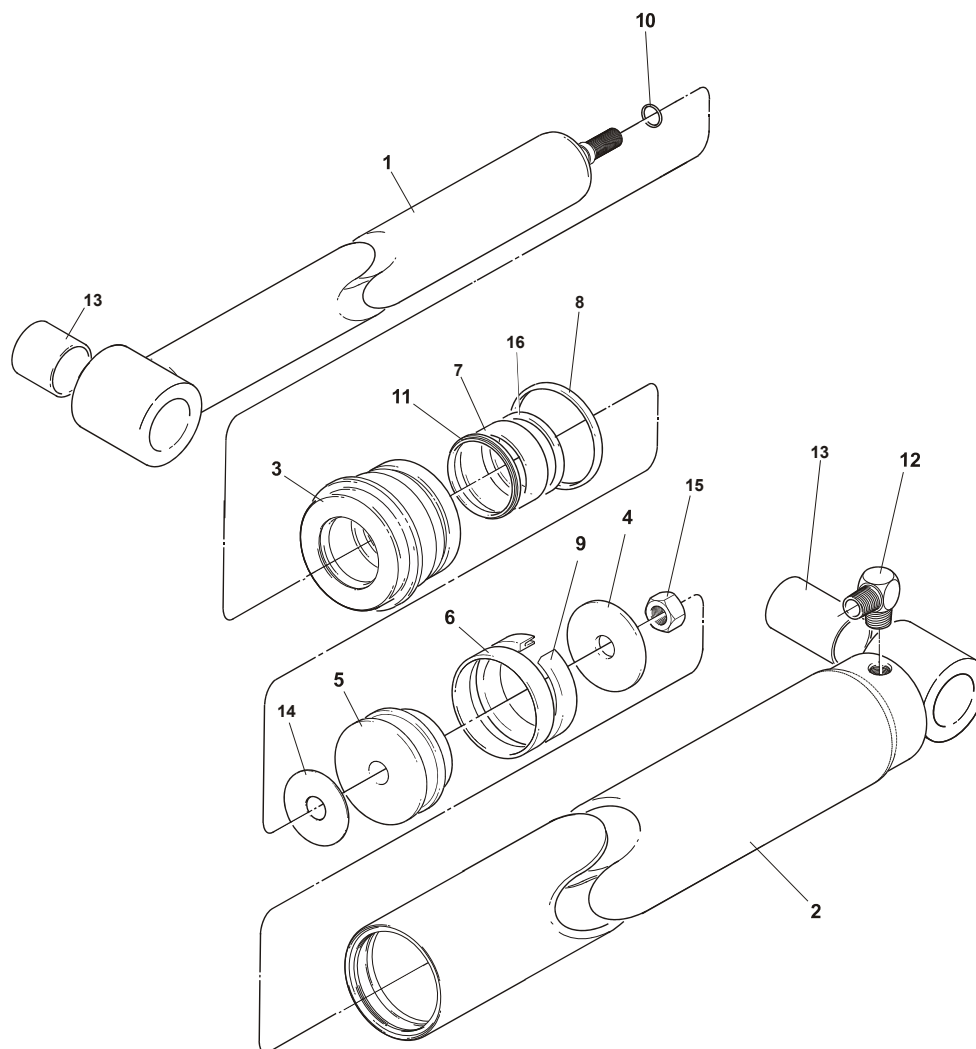


Figure 41 : Cylinder Assembly - Model 10, 12 - 144" Deck Length

Item	Qty	Part No	General Description	Specific Description
-	-	780-144-232	Cylinder Ass'y (3-1/2"Dia) [23-1/4" Stroke]	10,&12,000/144"
-	-	780-144-240	Cylinder Ass'y (3-1/2"Dia) [24" Stroke]	10,000/84X144"
1	1	786-855	Ram Assy 3", 3-1/2", & 4"	10,&12,000/144"
2	1	780-145	Housing Weldment (3-1/2"Dia)	10,&12,000/144"
3	1	117-966	Headnut 3-1/2" Dia. Cyl (2" Dia. Rod)	10,&12,000/144"
4	1	114-979	Piston Washer - (3-1/2" Dia)	10,&12,000/144"
5	1	114-639	Piston - 3-1/2"Dia Cyl	10,&12,000/144"
6●	1	036-155	Wear Ring Pist.Wd.3-1/2x1/2	10,&12,000/144"
7●	1	036-182	Wear Ring - 3" X .125" Thick	10,&12,000/144"
8●	1	036-131	O-Ring - 3-1/2"OD X 3-3/4"ID	10,&12,000/144"
9●	1	036-116	U-Cup - 4" X 3-3/8" X 1/2"	10,&12,000/144"
10●	1	036-108	O-Ring - 3/4"OD X 5/8"ID X 1/16"	10,&12,000/144"
11●	1	036-021	Wiping Ring - 2"ID	10,&12,000/144"
12	1	034-500	Fitting, 6-6	10,&12,000/144"
13	2	018-027	Bushing	10,&12,000/144"
14●	1	117-993	Gasket	10,&12,000/144"
15●	1	036-176	O-Ring (2-1/4" OD X 2" ID)	10,&12,000/144"
16	1	011-530	Nut, Hex Jam - 3/4"-10	10,&12,000/144"
		783-557	Kit, seal - Includes Items marked (●)	10,&12,000/144"

9. Parts Listings - Stationary Elevating Docks - 21" Lowered Height

9.1 General Assembly - 15 & 20,000 lb. Cap. - 96" Deck Length

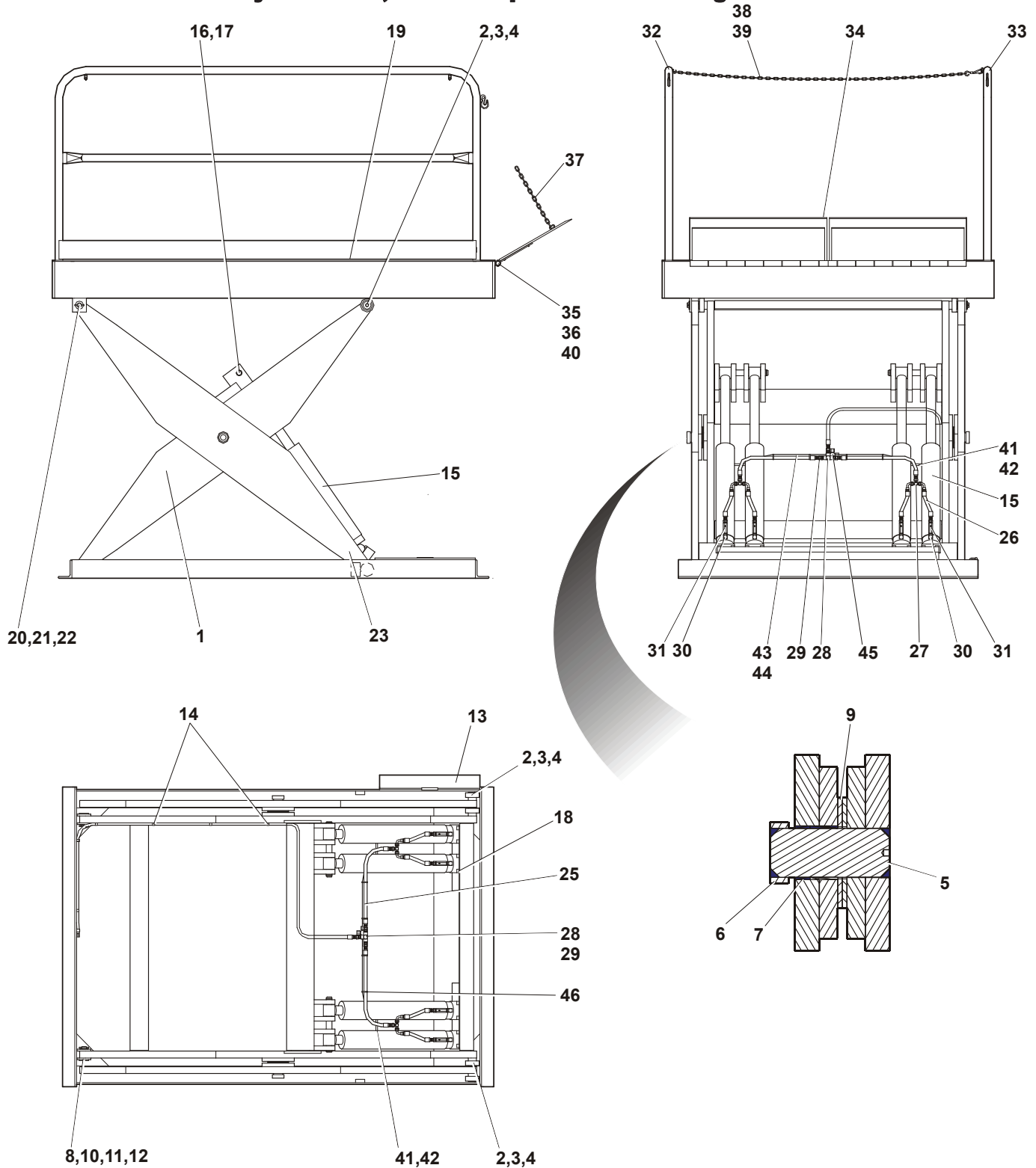


Figure 42 : General Assembly - 15,& 20,000 lb. - 96" Deck Length

General Assembly - 15 & 20,000 lb. Cap. - 96" Deck Length

Item	Qty	Part No	General Description	Specific Description
			General Assy 15,&20,000 - 96" Deck Lgth	REF. DWG. 310-5382
1*	1	313-5120	Frame/Leg Weldm't	15,000/60X96"
1*	1	313-5121	Frame/Leg Weldm't	15,000/72X96"
1*	1	313-5122	Frame/Leg Weldm't	15,000/84X96"
1*	1	313-5123	Frame/Leg Weldm't	15,000/96X96"
1*	1	313-5126	Frame/Leg Weldm't	20,000/60X96"
1*	1	313-5127	Frame/Leg Weldm't	20,000/72X96"
1*	1	313-5128	Frame/Leg Weldm't	20,000/84X96"
1*	1	313-5129	Frame/Leg Weldm't	20,000/96X96"
2	2	019-001	Bearing, 3"OD X 1-5/8"ID X 1"W	15,&20,000/96"
3	4	011-066	Capscrew, Hex Sckt F/H-5/16"-18 X 3/4"	15,&20,000/96"
4	2	013-005	Spring Pin 5/32"x1"Lg	15,&20,000/96"
5	2	114-652	Leg Centre Pin 1-1/2" Thk Leg(5-7/8" Lg)	15,&20,000/96"
6	2	114-606	Collar - 2" (Centre Pin Mod Ed)	15,&20,000/96"
7	2	018-031	Bushing - 2"IDx1"LG	15,&20,000/96"
8	4	018-051	Bushing - 1"IDx3/4"LG	15,&20,000/96"
9	2	012-219	Washer, Flat 2.13"IDx4.5"ODx0.187" THK	15,&20,000/96"
10	2	798-049	Pin Ass'y (1-1/2" Thick Legs)	15,&20,000/96"
11	2	013-012	Spring Pin - 1/4" X 2"	15,&20,000/96"
12	6	106-389	Spacer Washer, 1-3/4"ODx1"IDx1/16"THK	15,&20,000/96"
13	1	822-440	Strut Weldment, Maintenance	15,&20,000/96"
14	8	035-262	Strap (#6 Hose Clamp)	15,&20,000/96"
15**	4	780-144-200	Cylinder Ass'y (3-1/2"Dia) [20" Stroke]	15,000/96"
15**	4	780-142-200	Cylinder Ass'y (4"Dia) [20" Stroke]	20,000/96"
15**	4	780-142-204	Cylinder Ass'y (4"Dia) [20-1/2" Stroke]	20,000/72X96"
16	2	115-043	Pin-Cylinder Pivot	15,&20,000/96"
17	8	013-036	Retaining Ring Ext. - 1-1/4"Id	15,&20,000/96"
18	6	104-476	Lip Stop (3/4"X5/8")	15,&20,000/96"
19	1	312-5218	Deck Ass'y S2 15,&20,000/60x96	15,&20,000/60X96"
19	1	312-5219	Deck Ass'y S2 15,&20,000/72x96	15,&20,000/72X96"
19	1	312-5220	Deck Ass'y S2 15,&20,000/84x96	15,&20,000/84X96"
19	1	312-5221	Deck Ass'y S2 15,&20,000/96x96	15,&20,000/96X96"
19	1	312-5163	Deck Ass'y S3 (Tapered) 15,&20,000/60x96	15,&20,000/60X96"
19	1	312-5164	Deck Ass'y S3 (Tapered) 15,&20,000/72x96	15,&20,000/72X96"
19	1	312-5165	Deck Ass'y S3 (Tapered) 15,&20,000/84x96	15,&20,000/84X96"
19	1	312-5166	Deck Ass'y S3 (Tapered) 15,&20,000/96x96	15,&20,000/96X96"
20	2	798-049	Pin Ass'y (1-1/2" Thick Legs)	15,&20,000/96"
21	6	106-389	Spacer Washer - 1-3/4"Od X 1"Id X 1/16thk	15,&20,000/96"
22	2	013-012	Spring Pin - 1/4" X 2	15,&20,000/96"
23	2	117-005	Roller Stop	15,&20,000/96"
24	1.6GA	039-066	Paint, Blue (Fast Dry Enamel)	15,&20,000/96"

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General Assembly - 15 & 20,000 lb. Cap. - 96" Deck Length

Item	Qty	Part No	General Description	Specific Description
25	2	300-5000-15	Hose, #8 HP (26"Lg) Str.Swivel(2)	15,000/60X96"
25	2	300-5001-15	Hose, #8 HP (26"Lg) Str.Swivel(2)	20,000/60X96"
25	2	300-5000-20	Hose, #8 HP (34"Lg) Str.Swivel(2)	15,000/72X96"
25	2	300-5001-20	Hose, #8 HP (34"Lg) Str.Swivel(2)	20,000/72X96"
25	2	300-5001-53	Hose, #8 HP (38"Lg) Str.Swivel(2)	15,&20,000/84X96"
25	2	300-5001-21	Hose, #8 HP (48"Lg) Str.Swivel(2)	15,&20,000/96X96"
26	4	300-5000	Hose, #6 HP - 4" Lg - Str. Swivel(2)	15,&20,000/96"
27	1	034-551	Fitting, Tee 033T-6-6	15,&20,000/96"
28	1	034-571	Fitting, Tee 022T-6-6	15,&20,000/96"
29	2	034-504	Adapter, 0103-6-6	15,&20,000/96"
30	4	034-599	Fitting Elbow Forged 6MP-4MP-90	15,&20,000/96"
31	3	033-663	Velocity Fuse - 7.5 GPM	15,000/96"
31	3	033-549	Velocity Fuse - 9 GPM	20,000/96"
32	1	312-5080-4	Guard Rail, Right Side 96"Deck	15,&20,000/96"
33	1	312-5076	Guard Rail Weld (84-1/2"X45")	15,&20,000/96"
34	1	302-5007-3	Lip Assy 60" Spring Assist 1pc ,18"Lg]	15,000/96"
34	1	302-5007-2	Lip Assy 60" Spring Assist 1pc ,18"Lg]	20,000/96"
35	2	809-483	Shaft, Lip Hinge 29-1/2"	15,&20,000/96"
36	2	013-011	Spring Pin - 1/4" X 1-3/8	15,&20,000/96"
37	1	091-023-0600	Chain (60"Lg) [3/16"Proof Coil Galvanized]	15,&20,000/96"
38	2	091-023-0540	Chain (54"Lg) 3/16"Proof Coil Galvanized	15,000/60X96"
38	2	091-036-0540	Chain (54"Lg) 1/8"Proof Coil Galvanized	20,000/60X96"
38	2	091-023-0660	Chain (66"Lg) 3/16"Proof Coil Galvanized	15,000/72X96"
38	2	091-036-0660	Chain (66"Lg) 1/8"Proof Coil Galvanized	20,000/72X96"
38	2	091-023-0780	Chain (78"Lg) 3/16"Proof Coil Galvanized	15,000/84X96"
38	2	091-036-0780	Chain (78"Lg) 1/8"Proof Coil Galvanized	20,000/84X96"
38	2	091-023-0900	Chain (90"Lg) 3/16"Proof Coil Galvanized	15,&20,000/96X96"
39	2	R3-19203	Hook Snap 4"Lg - 7/16"-20nf	15,&20,000/96"
40	2	120-353	Torsion Spring	15,&20,000/96"
41	2	034-674	Fitting, 1/4" Male X 3/8" Comp	15,&20,000/96"
42	2	091-000-0063	Tubing Black Nylon (6-3/8"Lg) 3/8"	15,&20,000/96"
43	2	035-085	Fitting Tee	15,&20,000/96"
44	2	091-000-0340	Tubing Black Nylon (34"Lg) 3/8"	15,&20,000/60X96"
44	2	091-000-0400	Tubing Black Nylon (40"Lg) 3/8"	15,&20,000/72X96"
44	2	091-000-0460	Tubing Black Nylon (46"Lg) 3/8"	15,&20,000/84X96"
44	2	091-000-0520	Tubing Black Nylon (52"Lg) 3/8"	15,&20,000/96X96"
45	1	034-673	Fitting Nylon Tee (3/8" Comp)	15,&20,000/96"
46	4	025-087	Cable Ties	15,&20,000/96"
47	1	300-5006-6	Vent Line Kit (31'lg)	15,&20,000/60X96"
47	1	300-5006-7	Vent Line Kit (32'lg)	15,&20,000/72X96"
47	1	300-5006-8	Vent Line Kit (33'lg)	15,&20,000/84X96"
47	1	300-5006-9	Vent Line Kit (34'lg)	15,&20,000/96X96"

9.1.1 Cylinder Assembly - 15 & 20,000 lb. Cap. - 96" Deck Length

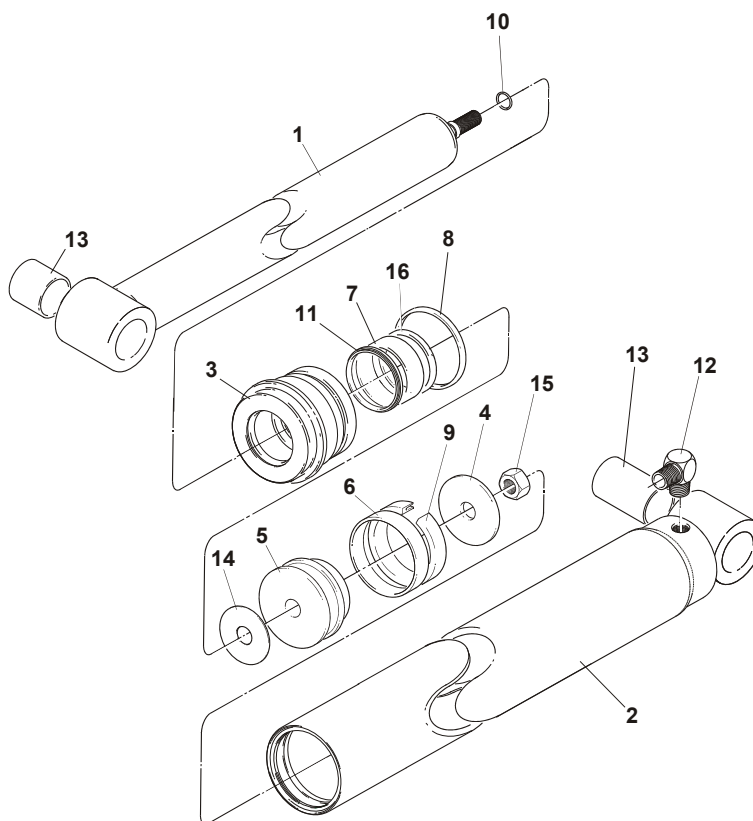


Figure 43 : Cylinder Assembly - 10,&12,000 - 144" Deck Length

Item	Qty	Part No	General Description	Specific Description
-	-	780-144-200	Cylinder Ass'y (3-1/2"Dia) [20" Stroke]	15,000/96"
-	-	780-142-200	Cylinder Ass'y (4"Dia) [20" Stroke]	20,000/96"
		780-142-204	Cylinder Ass'y (4"Dia) [20-1/2" Stroke]	20,000/72X96"
1	1	786-855	Ram Assy 3", 3-1/2", & 4"	15,&20,000/96"
2	1	780-145	Housing Weldment (3-1/2"Dia)	15,000/96"
2	1	780-143	Housing Weldment (4"Dia)	20,000/96"
3	1	117-966	Headnut 3-1/2" Dia. Cyl (2" Dia. Rod)	15,000/96"
3	1	117-989	Headnut 4" Dia. Cyl (2" Dia. Rod)	20,000/96"
4	1	114-979	Piston Washer - (3-1/2" Dia)	15,000/96"
4	1	114-980	Piston Washer - (4" Dia)	20,000/96"
5	1	114-639	Piston - 3-1/2"Dia Cyl	15,000/96"
5	1	114-638	Piston - 4"Dia Cyl	20,000/96"
6●	1	036-155	Wear Ring Pist.Wd.3-1/2x1/2	15,000/96"
6●	1	036-156	Wear Ring Piston	20,000/96"
7●	1	036-182	Wear Ring - 3" X .125" Thick	15,&20,000/96"
8●	1	036-131`	O-Ring - 3-1/2"OD X 3-3/4"ID	15,000/96"
8●	1	036-130	O-Ring - 4"OD X 3-3/4"ID	20,000/96"
9●	1	036-116	U-Cup - 4" X 3-3/8" X 1/2"	15,&20,000/96"
10●	1	036-108	O-Ring - 3/4"OD X 5/8"ID X 1/16"	15,&20,000/96"
11●	1	036-021	Wiping Ring - 2"ID	15,&20,000/96"
12	1	034-500	Fitting, 6-6	15,&20,000/96"
13	2	018-027	Bushing	15,&20,000/96"
14●	1	117-993	Gasket	15,&20,000/96"
15	1	011-530	Nut, Hex Jam - 3/4"-10	15,&20,000/96"
16●	1	036-176	O-Ring (2-1/4" OD X 2" ID)	15,&20,000/96"
		783-557	Kit, Seal - Includes Items marked (●)	15,000/96"
		783-572	Kit, Seal - Includes Items marked (●)	20,000/96"

9.2 General Assembly - 15 & 20,000 lb. Cap. - 108" Deck Length

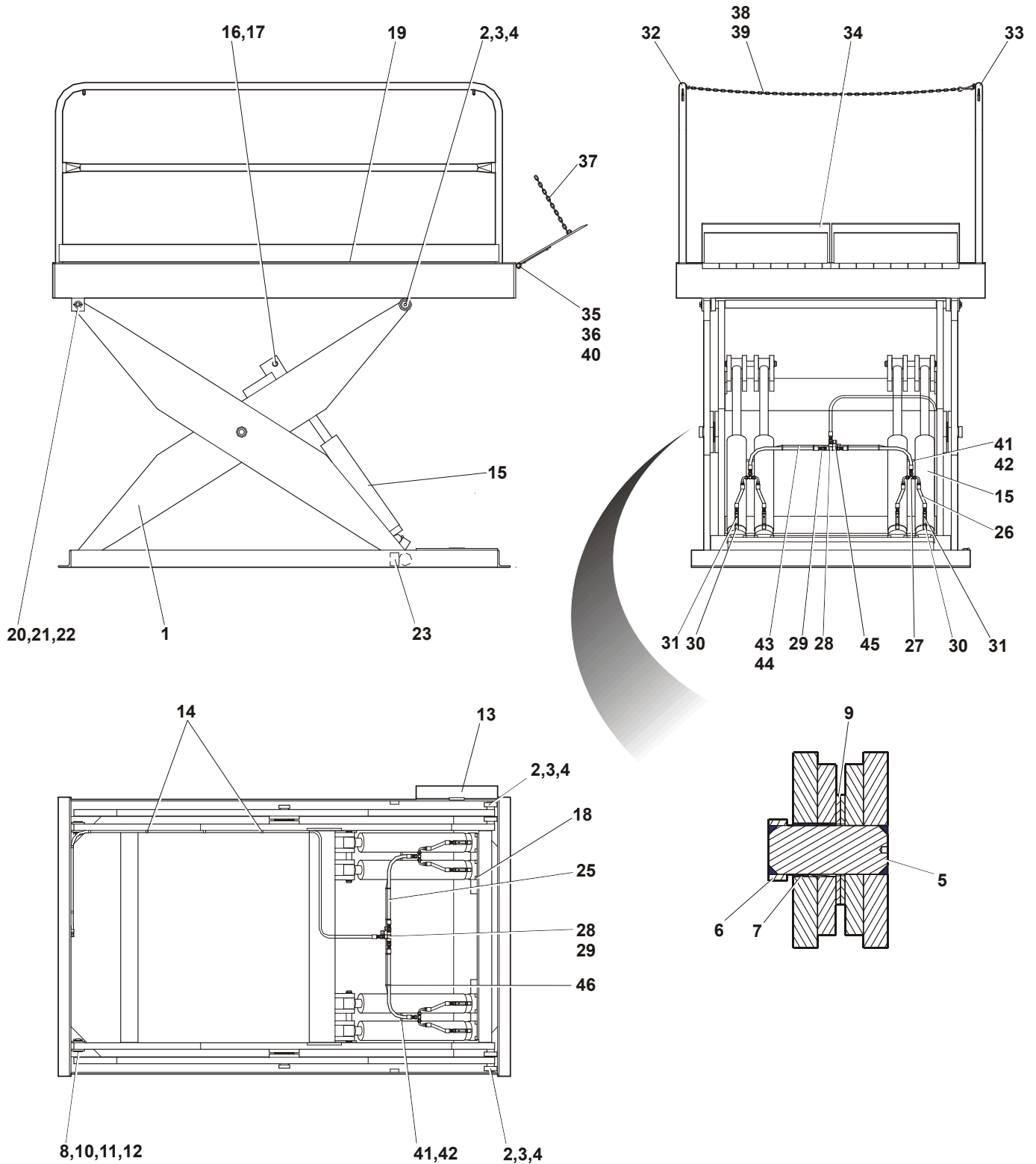


Figure 44 : General Assembly - 15,& 20,000 - 108" Deck Length

General Assembly - 15 & 20,000 lb. Cap. - 108" Deck Length

Item	Qty	Part No	General Description	Specific Description
			General Assy 15,&20,000 - 108" Deck Lgth	REF. DWG. 310-5393
1*	1	313-5132	Frame/Leg Weldm't	15,000/60X108"
1*	1	313-5133	Frame/Leg Weldm't	15,000/72X108"
1*	1	313-5134	Frame/Leg Weldm't	15,000/84X108"
1*	1	313-5135	Frame/Leg Weldm't	15,000/96X108"
1*	1	313-5138	Frame/Leg Weldm't	20,000/60X108"
1*	1	313-5139	Frame/Leg Weldm't	20,000/72X108"
1*	1	313-5140	Frame/Leg Weldm't	20,000/84X108"
1*	1	313-5141	Frame/Leg Weldm't	20,000/96X108"
2	2	019-001	Bearing, 3"OD X 1-5/8"ID X 1"W	15,&20,000/108"
3	4	011-066	Capscrew, Hex Skt F/H - 5/16"-18 X 3/4"	15,&20,000/108"
4	2	013-005	Spring Pin 5/32"x1"Lg	15,&20,000/108"
5	2	114-652	Leg Centre Pin 1-1/2" Thk Leg (5-7/8" Lg)	15,&20,000/108"
6	2	114-606	Collar - 2" (Centre Pin Mod Ed)	15,&20,000/108"
7	2	018-031	Bushing - 2"IDx1"LG	15,&20,000/108"
8	4	018-051	Bushing - 1"IDx3/4"LG	15,&20,000/108"
9	2	012-219	Washer, Flat-2.13" IDx4.5"ODx0.187" TH	15,&20,000/108"
10	2	798-049	Pin Ass'y (1-1/2" Thick Legs)	15,&20,000/108"
11	2	013-012	Spring Pin - 1/4" X 2	15,&20,000/108"
12	6	106-389	Spacer Washer, 1-3/4"ODx1"IDx1/16"THK	15,&20,000/108"
13	1	822-440	Strut Weldment, Maintenance	15,&20,000/108"
14	8	035-262	Strap (#6 Hose Clamp)	15,&20,000/108"
15**	4	780-144-214	Cylinder Ass'y (3-1/2"Dia) [21-1/2" Stroke]	15,000/108"
15**	4	780-142-214	Cylinder Ass'y (4"Dia) [20" Stroke]	20,000/108"
16	2	115-043	Pin-Cylinder Pivot	15,&20,000/108"
17	8	013-036	Retaining Ring Ext. - 1-1/4"ID	15,&20,000/108"
18	6	104-476	Lip Stop (3/4"X5/8")	15,&20,000/108"
19	1	312-5224	Deck Ass'y S2 15,&20,000/60x108	15,&20,000/60X108"
19	1	312-5225	Deck Ass'y S2 15,&20,000/72x108	15,&20,000/72X108"
19	1	312-5226	Deck Ass'y S2 15,&20,000/84x108	15,&20,000/84X108"
19	1	312-5227	Deck Ass'y S2 15,&20,000/96x108	15,&20,000/96X108"
19	1	312-5169	Deck Ass'y S3 (Tapered) 15,&20,000/60x108	15,&20,000/60X108"
19	1	312-5170	Deck Ass'y S3 (Tapered) 15,&20,000/72x108	15,&20,000/72X108"
19	1	312-5171	Deck Ass'y S3 (Tapered) 15,&20,000/84x108	15,&20,000/84X108"
19	1	312-5172	Deck Ass'y S3 (Tapered) 15,&20,000/96x108	15,&20,000/96X108"
20	2	798-049	Pin Ass'y (1-1/2" Thick Legs)	15,&20,000/108"
21	6	106-389	Spacer Washer - 1-3/4"ODX 1"ID X 1/16thk	15,&20,000/108"
22	2	013-012	Spring Pin - 1/4" X 2"	15,&20,000/108"
23	2	117-005	Roller Stop	15,&20,000/108"
24	1.6GA	039-066	Paint, Blue (Fast Dry Enamel)	15,&20,000/108"

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Continued...

General Assembly - 15 & 20,000 lb. Cap. - 108" Deck Length

Item	Qty	Part No	General Description	Specific Description
25	2	300-5001-15	Hose, #8 HP (26"Lg) Str.Swivel(2)	15,&20,000/60X108"
25	2	300-5001-20	Hose, #8 HP (34"Lg) Str.Swivel(2)	15,&20,000/72X108"
25	2	300-5001-53	Hose, #8 HP (38"Lg) Str.Swivel(2)	15,&20,000/84X108"
25	2	300-5001-21	Hose, #8 HP (48"Lg) Str.Swivel(2)	15,&20,000/96X108"
26	4	300-5000	Hose, #6 HP - 4" Lg - Str. Swivel(2)	15,&20,000/108"
27	1	034-551	Fitting, Tee 033T-6-6	15,&20,000/108"
28	1	034-571	Fitting, Tee 022T-6-6	15,&20,000/108"
29	2	034-504	Adapter, 0103-6-6	15,&20,000/108"
30	4	034-599	Fitting Elbow Forged 6MP-4MP-90°	15,&20,000/108"
31	3	033-663	Velocity Fuse - 7.5 GPM	15,000/108"
31	3	033-549	Velocity Fuse - 9 GPM	20,000/108"
32	1	312-5080-5	Guard Rail, Right Side 108"Deck	15,&20,000/108"
33	1	312-5077	Guard Rail Weld (84-1/2"X45")	15,&20,000/108"
34	1	302-5007-3	Lip Assy 60" Spring Assist 1pc ,18"Lg]	15,000/108"
34	1	302-5007-2	Lip Assy 60" Spring Assist 1pc ,18"Lg]	20,000/108"
35	2	809-483	Shaft, Lip Hinge 29-1/2"	15,&20,000/108"
36	2	013-011	Spring Pin - 1/4" X 1-3/8	15,&20,000/108"
37	1	091-023-0600	Chain (60"Lg) [3/16"Proof Coil Galvanized]	15,&20,000/108"
38	2	091-023-0540	Chain (54"Lg) 3/16"Proof Coil Galvanized	15,&20,000/60X108"
38	2	091-023-0660	Chain (66"Lg) 3/16"Proof Coil Galvanized	15,&20,000/72X108"
38	2	091-023-0780	Chain (78"Lg) 3/16"Proof Coil Galvanized	15,&20,000/84X108"
38	2	091-023-0900	Chain (90"Lg) 3/16"Proof Coil Galvanized	15,000/96X108"
38	2	091-036-0780	Chain (78"Lg) 1/8"Proof Coil Galvanized	20,000/96X108"
39	2	R3-19203	Hook Snap 4"Lg - 7/16"-20	15,&20,000/108"
40	2	120-353	Torsion Spring	15,&20,000/108"
41	2	034-674	Fitting, 1/4" Male X 3/8" Comp	15,&20,000/108"
42	2	091-000-0063	Tubing Black Nylon (6-3/8"Lg) 3/8"	15,&20,000/108"
43	2	035-085	Fitting Tee	15,&20,000/108"
44	2	091-000-0340	Tubing Black Nylon (34"Lg) 3/8"	15,&20,000/60X108"
44	2	091-000-0400	Tubing Black Nylon (40"Lg) 3/8"	15,&20,000/72X108"
44	2	091-000-0460	Tubing Black Nylon (46"Lg) 3/8"	15,&20,000/84X108"
44	2	091-000-0520	Tubing Black Nylon (52"Lg) 3/8"	15,&20,000/96X108"
45	1	034-673	Fitting Nylon Tee (3/8" Comp)	15,&20,000/108"
46	4	025-087	Cable Ties	15,&20,000/108"
47	1	300-5006-3	Vent Line Kit (28'lg)	15,&20,000/60X108"
47	1	300-5006-4	Vent Line Kit (29'lg)	15,&20,000/72X108"
47	1	300-5006-5	Vent Line Kit (30'lg)	15,&20,000/84X108"
47	1	300-5006-6	Vent Line Kit (31'lg)	15,&20,000/96X108"

9.2.1 Cylinder Assembly - 15 & 20,000 lb. Cap. - 108" Deck Length

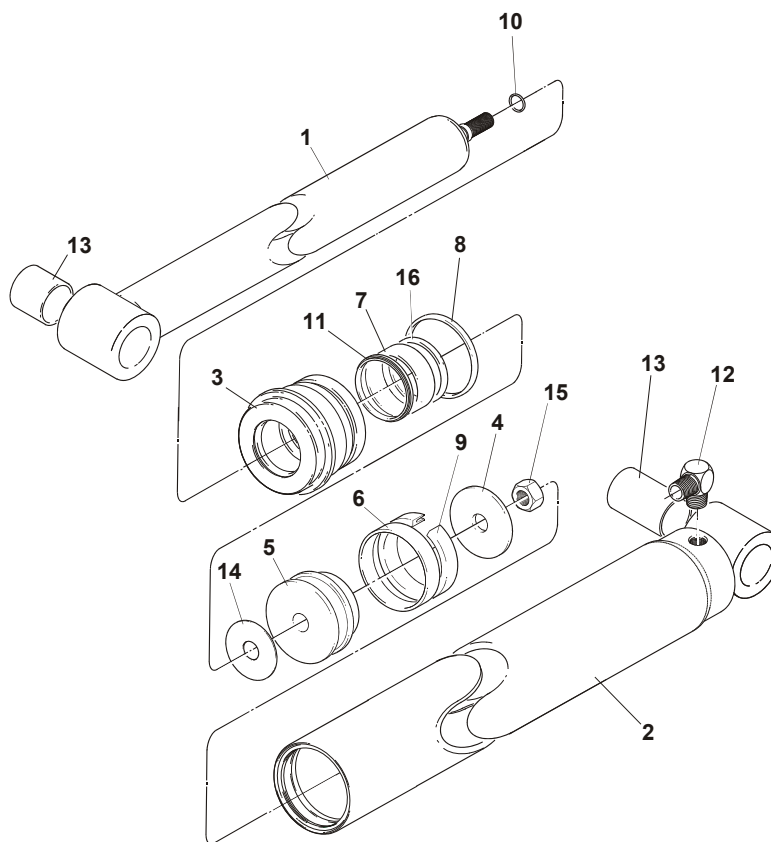


Figure 45 : Cylinder Assembly - 15, & 20,000 - 108" Deck Length

Item	Qty	Part No	General Description	Specific Description
-	-	780-144-214	Cylinder Ass'y (3-1/2"Dia) [21-1/2" Stroke]	15,000/108"
-	-	780-142-214	Cylinder Ass'y (4"Dia) [20" Stroke]	20,000/108"
1	1	786-855	Ram Assy 3", 3-1/2", & 4"	15,&20,000/108"
2	1	780-145	Housing Weldment (3-1/2"Dia)	15,000/108"
2	1	780-143	Housing Weldment (4"Dia)	20,000/108"
3	1	117-966	Headnut 3-1/2" Dia. Cyl (2" Dia. Rod)	15,000/108"
3	1	117-989	Headnut 4" Dia. Cyl (2" Dia. Rod)	20,000/108"
4	1	114-979	Piston Washer - (3-1/2" Dia)	15,000/108"
4	1	114-980	Piston Washer - (4" Dia)	20,000/108"
5	1	114-639	Piston - 3-1/2"Dia Cyl	15,000/108"
5	1	114-638	Piston - 4"Dia Cyl	20,000/108"
6●	1	036-155	Wear Ring Pist.Wd.3-1/2x1/2	15,000/108"
6●	1	036-156	Wear Ring Piston	20,000/108"
7●	1	036-182	Wear Ring - 3" X .125" Thick	15,&20,000/108"
8●	1	036-131`	O-Ring - 3-1/2"OD X 3-3/4"ID	15,000/108"
8●	1	036-130	O-Ring - 4"OD X 3-3/4"ID	20,000/108"
9●	1	036-116	U-Cup - 4" X 3-3/8" X 1/2"	15,&20,000/108"
10●	1	036-108	O-Ring - 3/4"OD X 5/8"ID X 1/16"	15,&20,000/108"
11●	1	036-021	Wiping Ring - 2"ID	15,&20,000/108"
12	1	034-500	Fitting, 6-6	15,&20,000/108"
13	2	018-027	Bushing	15,&20,000/108"
14●	1	117-993	Gasket	15,&20,000/108"
15●	1	036-176	O-Ring (2-1/4" OD X 2" ID)	15,&20,000/108"
16	1	011-530	Nut, Hex Jam - 3/4"-10	15,&20,000/108"
-	-	783-557	Kit, seal - Includes Items marked (●)	15,000/108"
-	-	783-572	Kit, seal - Includes Items marked (●)	20,000/108"

9.3 General Assembly - 15 & 20,000 lb. Cap. - 120" Deck Length

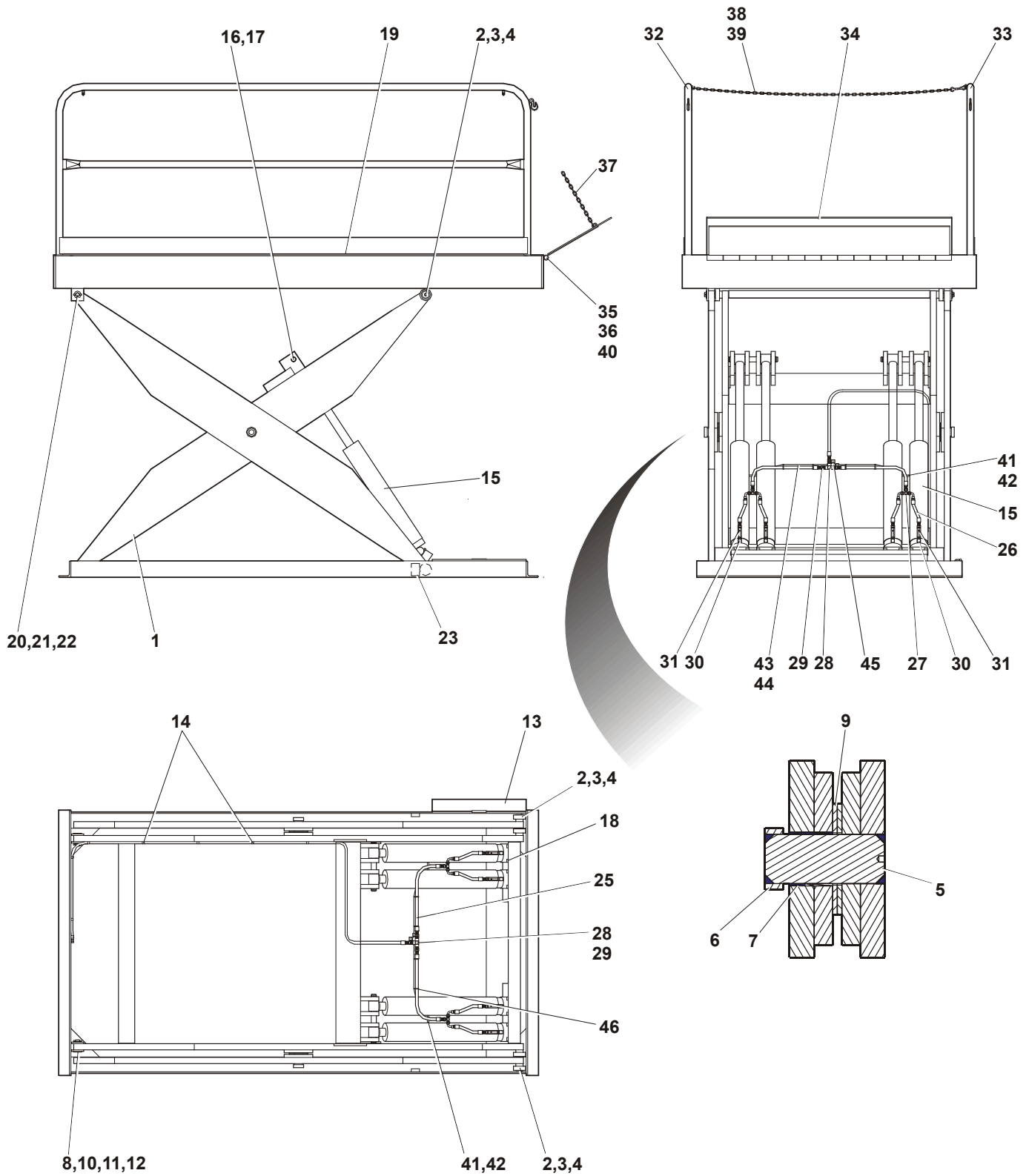


Figure 46 : General Assembly - 15, & 20,000 lb. - 120" Deck Length

Item	Qty	Part No	General Description	Specific Description
			General Assy 15,& 20,000-120" Deck Lgth	REF. DWG. 310-5404
1*	1	313-5144	Frame/Leg Weldm't	15,000/60X120"
1*	1	313-5145	Frame/Leg Weldm't	15,000/72X120"
1*	1	313-5146	Frame/Leg Weldm't	15,000/84X120"
1*	1	313-5147	Frame/Leg Weldm't	15,000/96X120"
1*	1	313-5150	Frame/Leg Weldm't	20,000/60X120"
1*	1	313-5151	Frame/Leg Weldm't	20,000/72X120"
1*	1	313-5152	Frame/Leg Weldm't	20,000/84X120"
1*	1	313-5153	Frame/Leg Weldm't	20,000/96X120"
2	2	019-001	Bearing, 3"OD X 1-5/8"ID X 1"W	15,&20,000/120"
3	4	011-066	Capscrew, Hex Skt F/H - 5/16"-18 X 3/4"	15,&20,000/120"
4	2	013-005	Spring Pin 5/32"x1"Lg	15,&20,000/120"
5	2	114-652	Centre Pin 1-1/2" Thk Leg (5-7/8" Lg)	15,&20,000/120"
6	2	114-606	Collar - 2" (Centre Pin Mod Ed)	15,&20,000/120"
7	2	018-031	Bushing - 2"IDx1"LG	15,&20,000/120"
8	4	018-051	Bushing - 1"IDx3/4"LG	15,&20,000/120"
9	2	012-219	Washer, Flat -2.13"IDx4.5"ODx0.187" TH	15,&20,000/120"
10	2	798-049	Pin Ass'y (1-1/2" Thick Legs)	15,&20,000/120"
11	2	013-012	Spring Pin - 1/4" X 2	15,&20,000/120"
12	6	106-389	Spacer Washer, 1-3/4"ODx1"IDx1/16"TH	15,&20,000/120"
13	1	822-440	Strut Weldment, Maintenance	15,&20,000/120"
14	8	035-262	Strap (#6 Hose Clamp)	15,&20,000/120"
15**	4	780-144-244	Cylinder Ass'y (3-1/2"Dia) [24-1/2" Stroke]	15,000/120"
15**	4	780-142-244	Cylinder Ass'y (4"Dia) [24-1/2" Stroke]	20,000/120"
16	2	115-043	Pin-Cylinder Pivot	15,&20,000/120"
17	8	013-036	Retaining Ring Ext. - 1-1/4"ID	15,&20,000/120"
18	6	104-476	Lip Stop (3/4"X5/8")	15,&20,000/120"
19	1	312-5230	Deck Ass'y S2 15,&20,000/60x120	15,&20,000/60X120"
19	1	312-5231	Deck Ass'y S2 15,&20,000/72x120	15,&20,000/72X120"
19	1	312-5232	Deck Ass'y S2 15,&20,000/84x120	15,&20,000/84X120"
19	1	312-5233	Deck Ass'y S2 15,&20,000/96x120	15,&20,000/96X120"
19	1	312-5175	Deck Ass'y S3 (Taprd) 15,&20,000/60x120	15,&20,000/60X120"
19	1	312-5176	Deck Ass'y S3 (Taprd) 15,&20,000/72x120	15,&20,000/72X120"
19	1	312-5177	Deck Ass'y S3 (Taprd) 15,&20,000/84x120	15,&20,000/84X120"
19	1	312-5178	Deck Ass'y S3 (Taprd) 15,&20,000/96x120	15,&20,000/96X120"
20	2	798-049	Pin Ass'y (1-1/2" Thick Legs)	15,&20,000/120"
21	6	106-389	Spacer Washer - 1-3/4"ODX 1"ID X 1/16thk	15,&20,000/120"
22	2	013-012	Spring Pin - 1/4" X 2	15,&20,000/120"
23	2	103-445	Roller Stop	15,&20,000/120"
24	1.6GA	039-066	Paint, Blue (Fast Dry Enamel)	15,&20,000/120"

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General Assembly - 15 & 20,000 lb. Cap. - 120" Deck Length

Item	Qty	Part No	General Description	Specific Description
25	2	300-5001-15	Hose, #8 HP (26"Lg) Str.Swivel(2)	15,&20,000/60X120"
25	2	300-5001-20	Hose, #8 HP (34"Lg) Str.Swivel(2)	15,&20,000/72X120"
25	2	300-5001-53	Hose, #8 HP (38"Lg) Str.Swivel(2)	15,&20,000/84X120"
25	2	300-5001-21	Hose, #8 HP (48"Lg) Str.Swivel(2)	15,&20,000/96X120"
26	4	300-5000	Hose, #6 HP - 4" Lg - Str. Swivel(2)	15,&20,000/120"
27	1	034-551	Fitting, Tee 033T-6-6	15,&20,000/120"
28	1	034-571	Fitting, Tee 022T-6-6	15,&20,000/120"
29	2	034-504	Adapter, 0103-6-6	15,&20,000/120"
30	4	034-599	Fitting Elbow Forged 6MP-4MP-90	15,&20,000/120"
31	4	033-663	Velocity Fuse - 7.5 GPM	15,000/120"
31	4	033-549	Velocity Fuse - 9 GPM	20,000/120"
32	1	312-5080-6	Guard Rail, Right Side 120"Deck	15,&20,000/120"
33	1	312-5078	Guard Rail Weld (84-1/2"X45")	15,&20,000/120"
34	1	302-5007-3	Lip Assy 60" Spring Assist 1pc ,18"Lg]	15,000/120"
34	1	302-5007-2	Lip Assy 60" Spring Assist 1pc ,18"Lg]	20,000/120"
35	2	809-483	Shaft, Lip Hinge 29-1/2"	15,&20,000/120"
36	2	013-011	Spring Pin - 1/4" X 1-3/8	15,&20,000/120"
37	1	091-023-0600	Chain (60"Lg) [3/16"Proof Coil Galvanized]	15,&20,000/120"
38	2	091-023-0540	Chain (54"Lg) 3/16"Proof Coil Galvanized	15,&20,000/60X120"
38	2	091-023-0660	Chain (66"Lg) 3/16"Proof Coil Galvanized	15,&20,000/72X120"
38	2	091-023-0780	Chain (78"Lg) 3/16"Proof Coil Galvanized	15,&20,000/84X120"
38	2	091-023-0900	Chain (90"Lg) 3/16"Proof Coil Galvanized	15,000/96X120"
39	2	R3-19203	Hook Snap 4"Lg - 7/16"-20	15,&20,000/120"
40	2	120-353	Torsion Spring	15,&20,000/120"
41	2	034-674	Fitting, 1/4" Male X 3/8" Comp	15,&20,000/120"
42	2	091-000-0063	Tubing Black Nylon (6-3/8"Lg) 3/8"	15,&20,000/120"
43	2	035-085	Fitting Tee	15,&20,000/120"
44	2	091-000-0340	Tubing Black Nylon (34"Lg) 3/8"	15,&20,000/60X120"
44	2	091-000-0400	Tubing Black Nylon (40"Lg) 3/8"	15,&20,000/72X120'
44	2	091-000-0460	Tubing Black Nylon (46"Lg) 3/8"	15,&20,000/84X120"
44	2	091-000-0520	Tubing Black Nylon (52"Lg) 3/8"	15,&20,000/96X120"
45	1	034-673	Fitting Nylon Tee (3/8" Comp)	15,&20,000/120"
46	4	025-087	Cable Ties	15,&20,000/120"
47	1	300-5006-4	Vent Line Kit (29'lg)	15,&20,000/60X120"
47	1	300-5006-5	Vent Line Kit (30'lg)	15,&20,000/72X120"
47	1	300-5006-6	Vent Line Kit (31'lg)	15,&20,000/84X120"
47	1	300-5006-7	Vent Line Kit (32'lg)	15,&20,000/96X120"

9.3.1 Cylinder Assembly - 15 & 20,000 lb. Cap. - 120" Deck Length

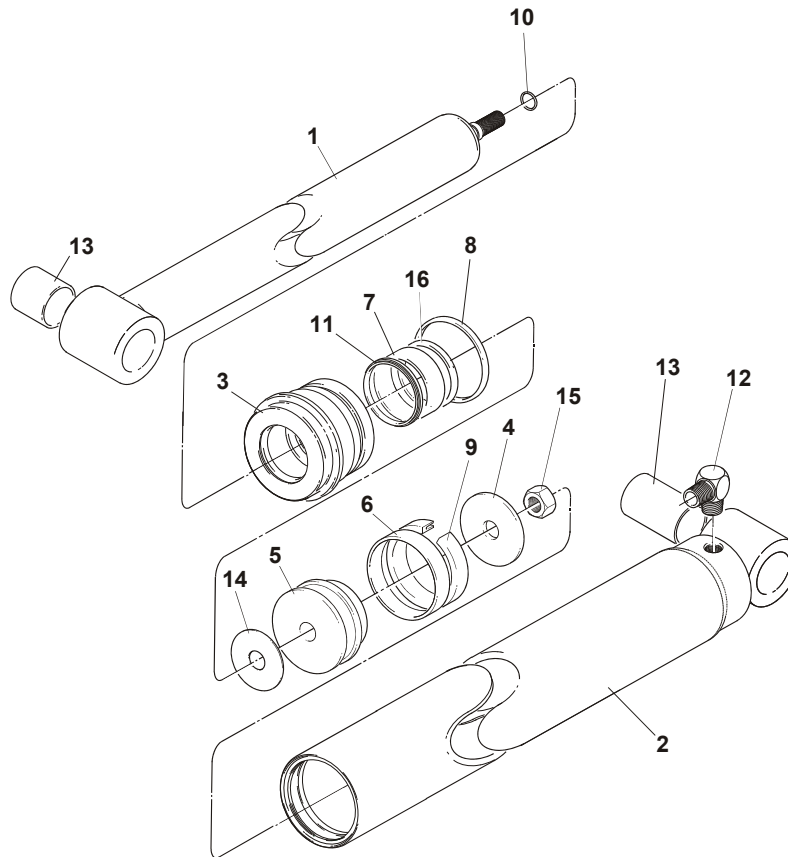


Figure 47 : Cylinder Assembly - 15, & 20,000 lb. - 120" Deck Length

Item	Qty	Part No	General Description	Specific Description
-	-	780-144-244	Cylinder Ass'y (3-1/2"Dia) [24-1/2" Stroke]	15,000/120"
-	-	780-142-244	Cylinder Ass'y (4"Dia) [24-1/2" Stroke]	20,000/120"
1	1	786-855	Ram Assy 3", 3-1/2", & 4"	15,&20,000/120"
2	1	780-145	Housing Weldment (3-1/2"Dia)	15,000/120"
2	1	780-143	Housing Weldment (4"Dia)	20,000/120"
3	1	117-966	Headnut 3-1/2" Dia. Cyl (2" Dia. Rod)	15,000/120"
3	1	117-989	Headnut 4" Dia. Cyl (2" Dia. Rod)	20,000/120"
4	1	114-979	Piston Washer - (3-1/2" Dia)	15,000/120"
4	1	114-980	Piston Washer - (4" Dia)	20,000/120"
5	1	114-639	Piston - 3-1/2"Dia Cyl	15,000/120"
5	1	114-638	Piston - 4"Dia Cyl	20,000/120"
6●	1	036-155	Wear Ring Pist.Wd.3-1/2x1/2	15,000/120"
6●	1	036-156	Wear Ring Piston	20,000/120"
7●	1	036-182	Wear Ring - 3" X .125" Thick	15,&20,000/120"
8●	1	036-131`	O-Ring - 3-1/2"OD X 3-3/4"ID	15,000/120"
8●	1	036-130	O-Ring - 4"OD X 3-3/4"ID	20,000/120"
9●	1	036-116	U-Cup - 4" X 3-3/8" X 1/2"	15,&20,000/120"
10●	1	036-108	O-Ring - 3/4"OD X 5/8"ID X 1/16"	15,&20,000/120"
11●	1	036-021	Wiping Ring - 2"ID	15,&20,000/120"
12	1	034-500	Fitting, 6-6	15,&20,000/120"
13	2	018-027	Bushing	15,&20,000/120"
14●	1	117-993	Gasket	15,&20,000/120"
15	1	011-530	Nut, Hex Jam - 3/4"-10	15,&20,000/120"
16●	1	036-176	O-Ring (2-1/4" OD X 2" ID)	15,&20,000/120"
-	-	783-557	Kit, seal - Includes Items marked (●)	15,000/120"
-	-	783-572	Kit, seal - Includes Items marked (●)	20,000/120"

9.4 General Assembly - 15 & 20,000 lb. Cap. - 144" Deck Length

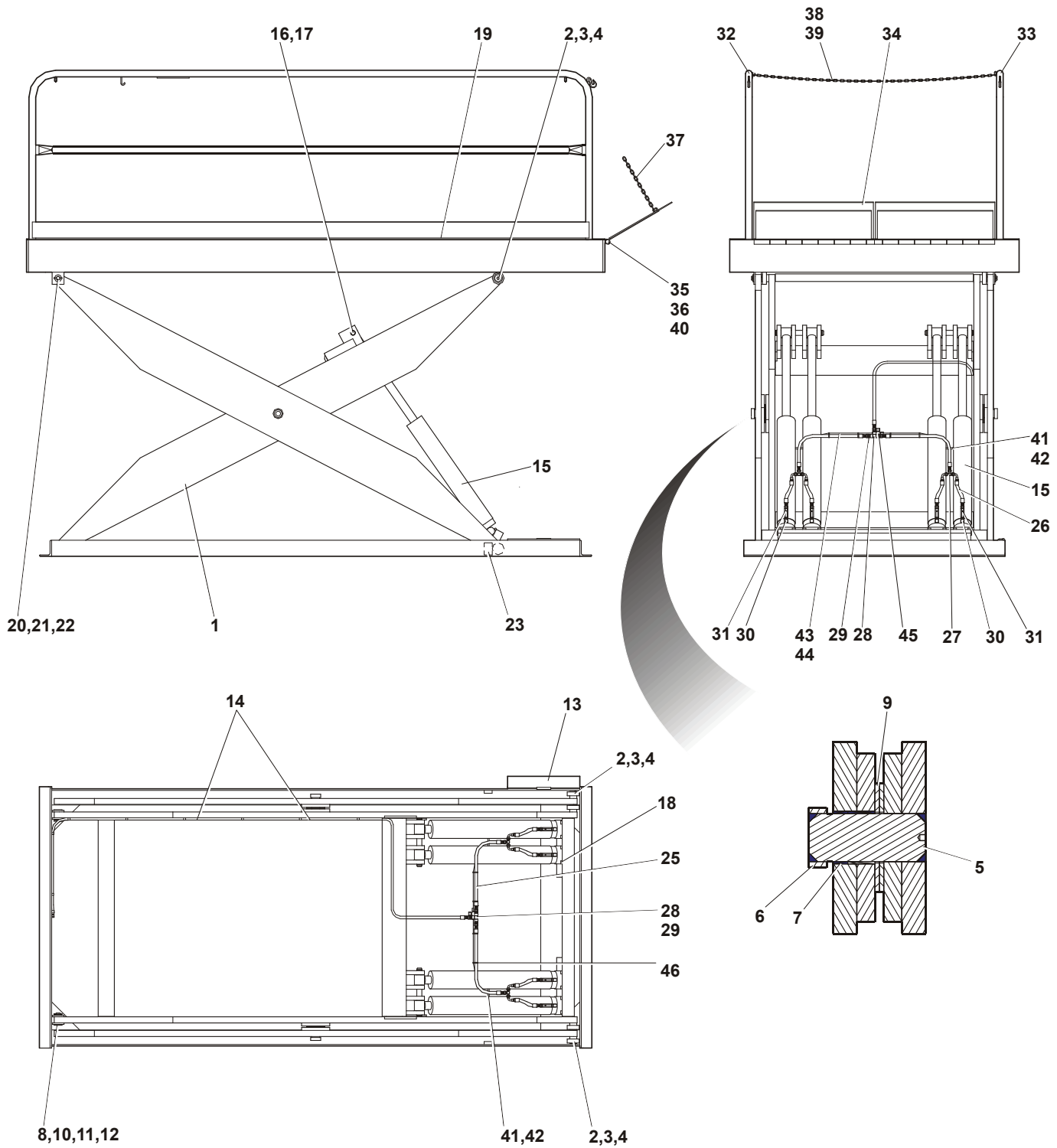


Figure 48 : General Assembly 15, & 20,000 - 144" Deck Length

General Assembly - 15 & 20,000 lb. Cap. - 144" Deck Length

Item	Qty	Part No	General Description	Specific Description
			General Assy 15,&20,000 -144" Deck Lgth	REF. DWG. 310-5415
1*	1	313-5156	Frame/Leg Weldm't	ED15,20/60X144"
1*	1	313-5157	Frame/Leg Weldm't	ED15,20/72X144"
1*	1	313-5158	Frame/Leg Weldm't	ED15,20/84X144"
1*	1	313-5159	Frame/Leg Weldm't	ED15,20/96X144"
2	2	019-001	Bearing, 3"OD X 1-5/8"ID X 1"W	15,&20,000/144"
3	4	011-066	Capscrew, Hex Sockt F/H-5/16"-18X3/4"	15,&20,000/144"
4	2	013-005	Spring Pin 5/32"x1"Lg	15,&20,000/144"
5	2	114-652	Centre Pin 1-1/2" Thk Leg (5-7/8" Lg)	15,&20,000/144"
6	2	114-606	Collar - 2" (Centre Pin Mod Ed)	15,&20,000/144"
7	2	018-031	Bushing - 2"IDx1"LG	15,&20,000/144"
8	4	018-051	Bushing - 1"IDx3/4"LG	15,&20,000/144"
9	2	012-219	Washer, Flat Plain - 2.13" IDx4.5"ODx0.187" THK	15,&20,000/144"
10	2	798-049	Pin Ass'y (1-1/2" Thick Legs)	15,&20,000/144"
11	2	013-012	Spring Pin - 1/4" X 2	15,&20,000/144"
12	6	106-389	Washer, 1-3/4"Odx1"IDx1/16"THK	15,&20,000/144"
13	1	822-440	Strut Weldment, Maintenance	15,&20,000/144"
14	8	035-262	Strap (#6 Hose Clamp)	15,&20,000/144"
15**	4	780-142-270	Cylinder Ass'y (4"Dia) [27" Stroke]	15,&20,000/144"
16	2	115-043	Pin-Cylinder Pivot	15,&20,000/144"
17	8	013-036	Retaining Ring Ext. - 1-1/4"Id	15,&20,000/144"
18	6	104-476	Lip Stop (3/4"X5/8")	15,&20,000/144"
19	1	312-5236	Deck Ass'y S2 15,&20,000/60x144	15,&20,000/60X144"
19	1	312-5237	Deck Ass'y S2 15,&20,000/72x144	15,&20,000/72X144"
19	1	312-5238	Deck Ass'y S2 15,&20,000/84x144	15,&20,000/84X144"
19	1	312-5239	Deck Ass'y S2 15,&20,000/96x144	15,&20,000/96X144"
19	1	312-5181	Deck Ass'y S3 (Taprd) 15,&20,000/60x144	15,&20,000/60X144"
19	1	312-5182	Deck Ass'y S3 (Taprd) 15,&20,000/72x144	15,&20,000/72X144"
19	1	312-5183	Deck Ass'y S3 (Taprd) 15,&20,000/84x144	15,&20,000/84X144"
19	1	312-5184	Deck Ass'y S3 (Taprd) 15,&20,000/96x144	15,&20,000/96X144"
20	2	798-049	Pin Ass'y (1-1/2" Thick Legs)	15,&20,000/144"
21	6	106-389	Spacer Washer - 1-3/4"OD X 1"ID X 1/16thk	15,&20,000/144"
22	2	013-012	Spring Pin - 1/4" X 2	15,&20,000/144"
23	2	103-445	Roller Stop	15,&20,000/144"
24	1.6GA	039-066	Paint, Blue (Fast Dry Enamel)	15,&20,000/144"
25	2	300-5001-15	Hose, #8 HP (26"Lg) Str.Swivel(2)	15,&20,000/60X144"
25	2	300-5001-20	Hose, #8 HP (34"Lg) Str.Swivel(2)	15,&20,000/72X144"
25	2	300-5001-53	Hose, #8 HP (38"Lg) Str.Swivel(2)	15,&20,000/84X144"
25	2	300-5001-21	Hose, #8 HP (48"Lg) Str.Swivel(2)	15,&20,000/96X144"
26	4	300-5005	Hose, #6 HP - 4" Lg - Str. Swivel(2)	15,&20,000/144"

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General Assembly - 15 & 20,000 lb. Cap. - 144" Deck Length

Item	Qty	Part No	General Description	Specific Description
27	1	034-551	Fitting, Tee 033T-6-6	15,&20,000/144"
28	1	034-571	Fitting, Tee 022T-6-6	15,&20,000/144"
29	2	034-504	Adapter, 0103-6-6	15,&20,000/144"
30	4	034-599	Fitting Elbow Forged 6MP-4MP-90°	15,&20,000/144"
31	4	033-549	Velocity Fuse - 9 GPM	15,&20,000/144"
32	1	312-5080-7	Guard Rail, Right Side 144"Deck	15,&20,000/144"
33	1	312-5079	Guard Rail Weld (84-1/2"X45")	15,&20,000/144"
34	1	302-5007-3	Lip Assy 60" Spring Assist 1pc ,18"Lg]	15,000/144"
34	1	302-5007-2	Lip Assy 60" Spring Assist 1pc ,18"Lg]	20,000/144"
35	2	809-483	Shaft, Lip Hinge 29-1/2"	15,&20,000/144"
36	2	013-011	Spring Pin - 1/4" X 1-3/8	15,&20,000/144"
37	1	091-023-0600	Chain (60"Lg) [3/16"Proof Coil Galvanized]	15,&20,000/144"
38	2	091-036-0540	Chain (54"Lg) 1/8"Proof Coil Galvanized	15,&20,000/60X144"
38	2	091-036-0660	Chain (66"Lg) 1/8"Proof Coil Galvanized	15,&20,000/72X144"
38	2	091-036-0780	Chain (78"Lg) 1/8"Proof Coil Galvanized	15,&20,000/84X144"
38	2	091-023-0900	Chain (90"Lg) 3/16"Proof Coil Galvanized	15,000/96X144"
39	2	R3-19203	Hook Snap 4"Lg - 7/16"-20	15,&20,000/144"
40	2	120-353	Torsion Spring	15,&20,000/144"
41	2	034-674	Fitting, 1/4" Male X 3/8" Comp	15,&20,000/144"
42	2	091-000-0063	Tubing Black Nylon (6-3/8"Lg) 3/8"	15,&20,000/144"
43	2	035-085	Fitting Tee	15,&20,000/144"
44	2	091-000-0340	Tubing, Black Nylon (34"Lg) 3/8"	15,&20,000/60X144"
44	2	091-000-0400	Tubing, Black Nylon (40"Lg) 3/8"	15,&20,000/72X144"
44	2	091-000-0460	Tubing, Black Nylon (46"Lg) 3/8"	15,&20,000/84X144"
44	2	091-000-0520	Tubing, Black Nylon (52"Lg) 3/8"	15,&20,000/96X144"
45	1	034-673	Fitting Nylon Tee (3/8" Comp)	15,&20,000/144"
46	4	025-087	Cable Ties	15,&20,000/144"
47	1	300-5006-6	Vent Line Kit (31'lg)	15,&20,000/60X144"
47	1	300-5006-7	Vent Line Kit (32'lg)	15,&20,000/72X144"
47	1	300-5006-8	Vent Line Kit (33'lg)	15,&20,000/84X144"
47	1	300-5006-9	Vent Line Kit (34'lg)	15,&20,000/96X144"

9.4.1 Cylinder Assembly - 15 & 20,000 lb. Cap. - 108" Deck Length

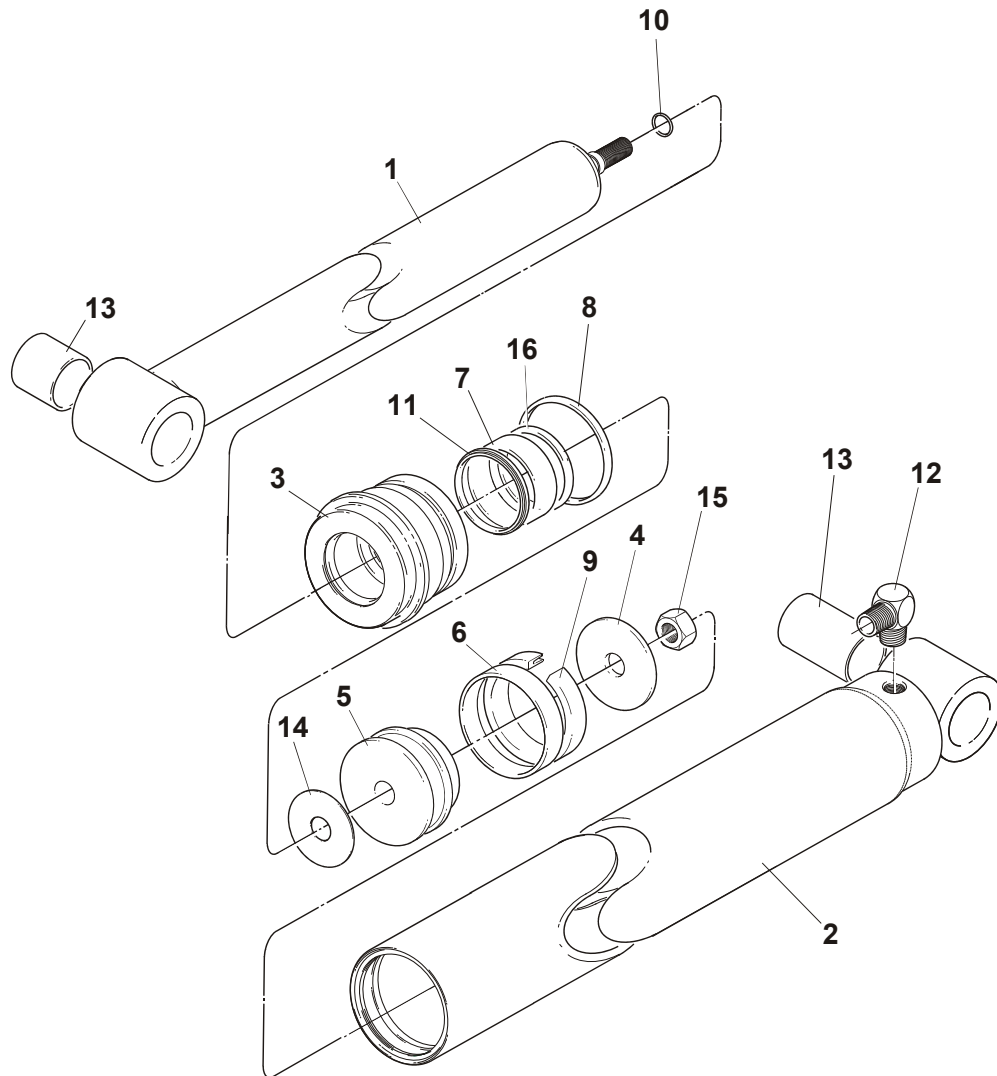


Figure 49 : Cylinder Assembly - 15, & 20,000 lb. - 108" Deck Length

Item	Qty	Part No	General Description	Specific Description
-	-	780-142-270	Cylinder Ass'y (4"Dia) [27" Stroke]	15,&20,000/144"
1	1	786-855	Ram Assy 3", 3-1/2", & 4"	15,&20,000/144"
2	1	780-143	Housing Weldment (4"Dia)	15,&20,000/144"
3	1	117-989	Headnut 4" Dia. Cyl (2" Dia. Rod)	15,&20,000/144"
4	1	114-980	Piston Washer - (4" Dia)	15,&20,000/144"
5	1	114-638	Piston - 4"Dia Cyl	15,&20,000/144"
6●	1	036-156	Wear Ring Pist.Wd.3-1/2x1/2	15,&20,000/144"
7●	1	036-182	Wear Ring - 3" X .125" Thick	15,&20,000/144"
8●	1	036-130	O-Ring - 4"OD X 3-3/4"ID	15,&20,000/144"
9●	1	036-116	U-Cup - 4" X 3-3/8" X 1/2"	15,&20,000/144"
10●	1	036-108	O-Ring - 3/4"OD X 5/8"ID X 1/16"	15,&20,000/144"
11●	1	036-021	Wiping Ring - 2"ID	15,&20,000/144"
12	1	034-500	Fitting, 6-6	15,&20,000/144"
13	2	018-027	Bushing	15,&20,000/144"
14●	1	117-993	Gasket	15,&20,000/144"
15	1	011-530	Nut, Hex Jam - 3/4"-10	15,&20,000/144"
16●	1	036-176	O-Ring (2-1/4" OD X 2" ID)	15,&20,000/144"
-	-	783-572	Kit, seal - Includes Items marked (●)	15,&20,000/144"

10. Parts Listings - Power Packs

10.1 Power Packs - 3 Horse Power

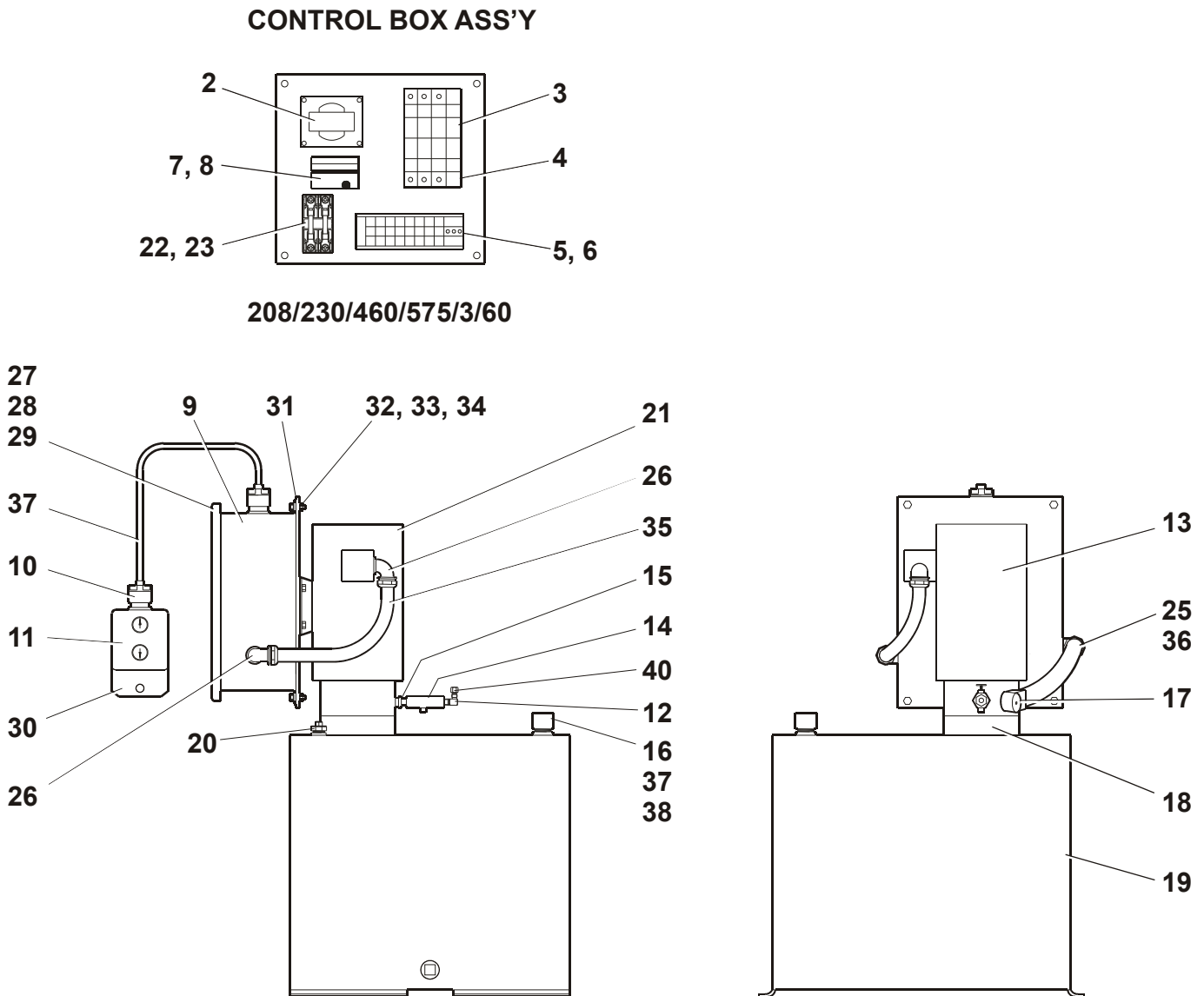


Figure 50 : Power Pack Assembly - 3 Horse Power

Power Packs - 3 Horse Power

Item	Qty	Part No	General Description	Specific Description
			Power Packs - 3 Horse Power	5 & 10 Gallon Reservoirs
-	-	815-P31-230-R	Module, Remote Power Pack	3HP 230V/1Ø/60-5G
-	-	815-P33-208-R	Module, Remote Power Pack	3HP 208V/3Ø/60-5G
-	-	815-P33-230-R	Module, Remote Power Pack	3HP 230V/3Ø/60-5G
-	-	815-P33-460-R	Module, Remote Power Pack	3HP 460V/3Ø/60-5G
-	-	815-P33-575-R	Module, Remote Power Pack	3HP 575V/3Ø/60-5G
-	-	815-P33-208-R11	Module, Remote Power Pack	3HP 208V/3Ø/60-10G
-	-	815-P33-230-R11	Module, Remote Power Pack	3HP 230V/3Ø/60-10G
-	-	815-P33-460-R11	Module, Remote Power Pack	3HP 460V/3Ø/60-10G
-	-	815-P33-575-R11	Module, Remote Power Pack	3HP 575V/3Ø/60-10G
-	-	305-5002	Power Pack, Remote Ass'y (5GAL)	3HP-230V/1Ø/50/60Hz
-	-	305-5002-1	Power Pack, Remote Ass'y (5GAL)	3HP-208V/3Ø/50/60HZ
-	-	305-5002-2	Power Pack, Remote Ass'y (5GAL)	3HP-230V/3Ø/50/60Hz
-	-	305-5002-3	Power Pack, Remote Ass'y (5GAL)	3HP-460V/3Ø/50/60Hz
-	-	305-5002-4	Power Pack, Remote Ass'y (5GAL)	3HP-575V/3Ø/50/60Hz
-	-	305-5002-5	Power Pack, Remote Ass'y (10GAL)	3HP-208V/3Ø/50/60Hz
-	-	305-5002-6	Power Pack, Remote Ass'y (10GAL)	3HP-230V/3Ø/50/60Hz
-	-	305-5002-7	Power Pack, Remote Ass'y (10GAL)	3HP-460V/3Ø/50/60Hz
-	-	305-5002-8	Power Pack, Remote Ass'y (10GAL)	3HP-575V/3Ø/50/60Hz
1*	1	630-067	Kit, Pick - 3HP 230/1/60 Remote (5GAL)	3HP/230/1Ø/60
1*	1	630-004-1	Kit, Pick - 3HP 208/3/60 Remote (5GAL)	3HP/208/3Ø/60
1*	1	630-006-1	Kit, Pick - 3HP 230/3/60 Remote (5GAL)	3HP/230/3Ø/60
1*	1	630-007-1	Kit, Pick - 3HP 460/3/60 Remote (5GAL)	3HP/460/3Ø/60
1*	1	630-008-1	Kit, Pick- 3HP 575/3/60 Remote (5GAL)	3HP/575/3Ø/60
1*	1	630-004-2	Kit, Pick- 3HP 208/3/60 Rem. (10GAL)	3HP/208/3Ø/60
1*	1	630-006-2	Kit, Pick- 3HP 230/3/60 Rem. (10GAL)	3HP/230/3Ø/60
1*	1	630-007-2	Kit, Pick- 3HP 460/3/60 Rem. (10GAL)	3HP/460/3Ø/60
1*	1	630-008-2	Kit, Pick- 3HP 575/3/60 Rem. (10GAL)	3HP/575/3Ø/60
2	1	026-302	Transformer 240/480 PR.-120/240Sec.	3HP/230/1Ø/60
2	1	026-306	Transformer 208/416, 120 Sec.	3HP/208/3Ø/60
2	1	026-302	Transformer 240/480 PR.-120/240Sec.	3HP/230/3Ø/60
2	1	026-302	Transformer 240/480 PR.-120/240Sec.	3HP/460/3Ø/60
2	1	026-300	Transformer 600V-120V	3HP/575/3Ø/60
3	1	025-926	Contacto (Ci-25) - 110VAC 50/60Hz	3HP/1Ø/50/60 HZ
3	1	025-924	Contacto, Motor -12A CI-12	3HP/3Ø/50/60 HZ
4	1	026-105	Relay, Overload - 6-9.2A	3HP/208-230V/3Ø Only
4	1	026-103	Relay, Overload - 2.7-4.2A	3HP/460-575V/50/60HZ
5	10	030-842	Terminal Block	3HP/3Ø/50/60 HZ
6	1	030-843	Terminal Block End Section	3HP/3Ø/50/60 HZ
7	1	026-227	Fuseholder, Single 250 Volt	3HP/3Ø/50/60 HZ
8	1	026-147	Fuse, 0.5 Amp .25"x1.25"	3HP/3Ø/50/60 HZ
9	1	110-831	Control Box 10x8x5	3HP/3Ø/50/60 HZ
10	2	025-015	Connector-Cable	3HP/3Ø/50/60 HZ
11	1	025-692	Push Button Station - Nema 4X	3HP/3Ø/50/60 HZ
12	1	034-601	Fitting, 90° Forged - 2103-4-6	<6000lb. Cap
12	1	034-602	Fitting, 90° Forged - 2103-4-8	>6000lb. Cap

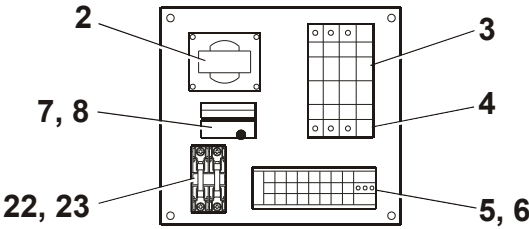
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Power Packs - 3 Horse Power

CONTROL BOX ASS'Y



208/230/460/575/3/60

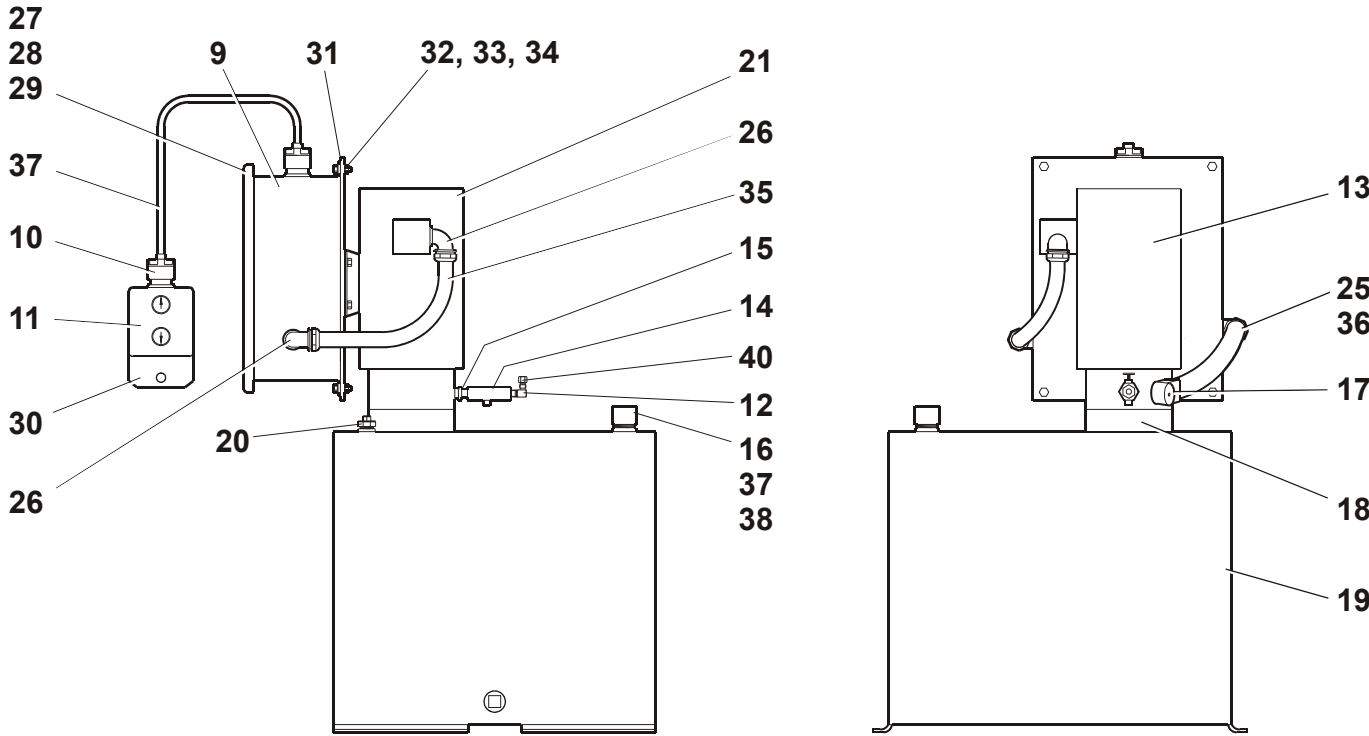


Figure 47 : Power Pack Assembly - 3 Horse Power

Power Packs - 3 Horse Power

Item	Qty	Part No	General Description	Specific Description
13*	1	033-185	Powerpack 3HP 240/1/60 5 Gall. Res.	3HP/230/1Ø/60
13*	1	033-780	Powerpack 3HP 208/230/460/3/60 - 5G	3HP/208,230,460V/3Ø/60
13*	1	033-788	Powerpack 3HP 575/3/60 - 5G	3HP/575V/3Ø/60
13*	1	033-780-1	Powerpack 3HP 208/230/460/3/60 -10G	3HP/208,230,460V/3Ø/60
13*	1	033-788-1	Powerpack 3HP 575/3/60 -10G	3HP/575V/3Ø/60
14	1	033-785	Valve, Flow Control 2.75 GPM	3HP/208,230,460V/3Ø/60
15	1	034-600	Adapter, 2083-6-4S	3HP/208,230,460V/3Ø/60
16	1	035-278	Breather Cap C/W Dipstick 3/4"	3HP/208,230,460V/3Ø/60
17	1	033-704	Valve 2-Way 2-Position	3HP/208,230,460V/3Ø/60
18	1	033-786	Pump	3HP/208,230,460V/3Ø/60
19	1	033-711	Reservoir - 5 Gallon	3HP/208,230,460V/3Ø/60
19	1	033-424	Reservoir - 10 Gallon	3HP/208,230,460V/3Ø/60
20	1	035-030	Plug, 1/4"NPT. Pipe	3HP/208,230,460V/3Ø/60
21	1	031-100	Motor 3HP, 208-460/3/50/60	3HP/208,230,460V/3Ø/60
21	1	031-101	Motor 3HP, 575/3/60	3HP/575V/3Ø/60
22	1	026-228	Fuseholder,600 V, 30 Amp	3HP/3Ø/50/60 HZ
23	2	026-158	Fuse, Fiber - 13/32"x1-1/2" 1/2 Amp	3HP/208-230V/1Ø&3Ø/60
23	2	026-233	Fuse 2/10 - 600V	3HP/460-575V/3Ø/60HZ
24	1	030-069	Grounding Strip	3HP/3Ø/50/60 HZ
25	1	025-063	Connector	3HP/3Ø/50/60 HZ
26	3	025-010	Connector LT - 3/8-90°	3HP/3Ø/50/60 HZ
27	4	010-072	Capscrew, Hex Hd. - 1/4-20 X 1/2"	3HP/3Ø/50/60 HZ
28	4	012-210	Washer, Flat 1/4" Bolt S	3HP/3Ø/50/60 HZ
29	4	012-202	Washer, Lock - 1/4" Helical	3HP/3Ø/50/60 HZ
30	1	110-287	Bracket, 2 Push Buttons	3HP/3Ø/50/60 HZ
31	1	121-364	Plate, Control Box Mounting Plate	3HP/3Ø/50/60 HZ
32	4	010-036	Capscrew, Hex Hd. 5/16"-18 X 1/2"	3HP/3Ø/50/60 HZ
33	4	012-211	Washer, 5/16" Bolt Size Flat	3HP/3Ø/50/60 HZ
34	4	012-200	Washer, Lock Helical 5/16"	3HP/3Ø/50/60 HZ
35	1	780-214	Conduit Assembly	3HP/3Ø/50/60 HZ
36	1	780-213	Conduit Assembly	3HP/3Ø/50/60 HZ
37	1.0	090-581-1680	Wire Per Metre (168"Lg)	3HP/3Ø/50/60 HZ
38	2	011-005	Screw, Machine R/H Slot 8-32 X 1/2"	3HP/3Ø/50/60 HZ
39	2	012-224	Washer, Lock - #8 Int. Tooth	3HP/3Ø/50/60 HZ
40	1	034-594	Adapter, 2027-8-8S	3HP/3Ø/50/60 HZ

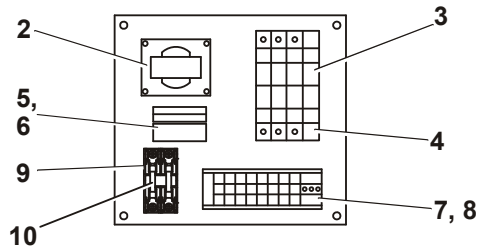
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10.2 Parts Listings - Power Packs - 5 Horse Power

CONTROL BOX ASSEMBLY



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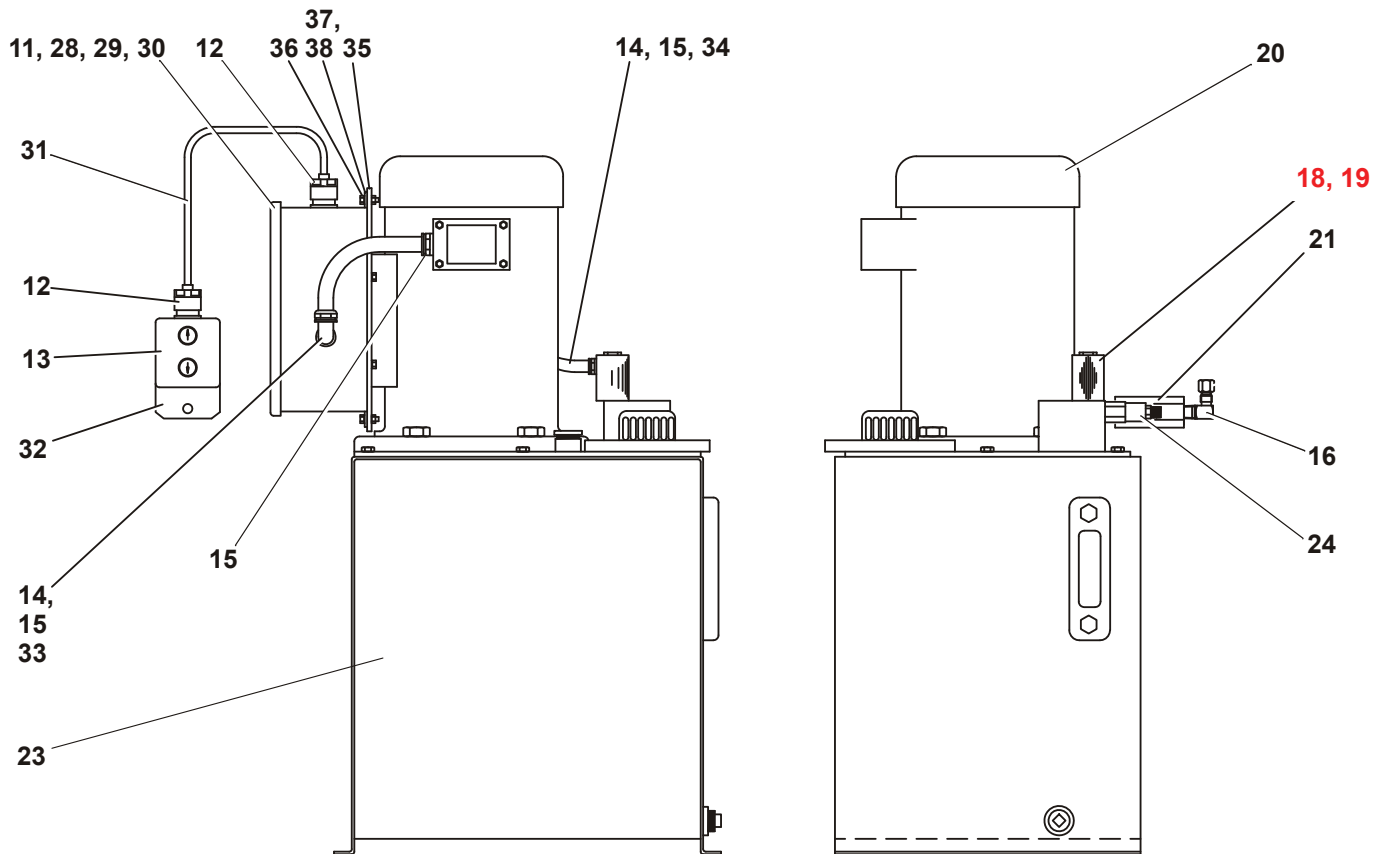


Figure 51 : Power Pack Assembly - 5 Horse Power

Power Packs - 5 Horse Power

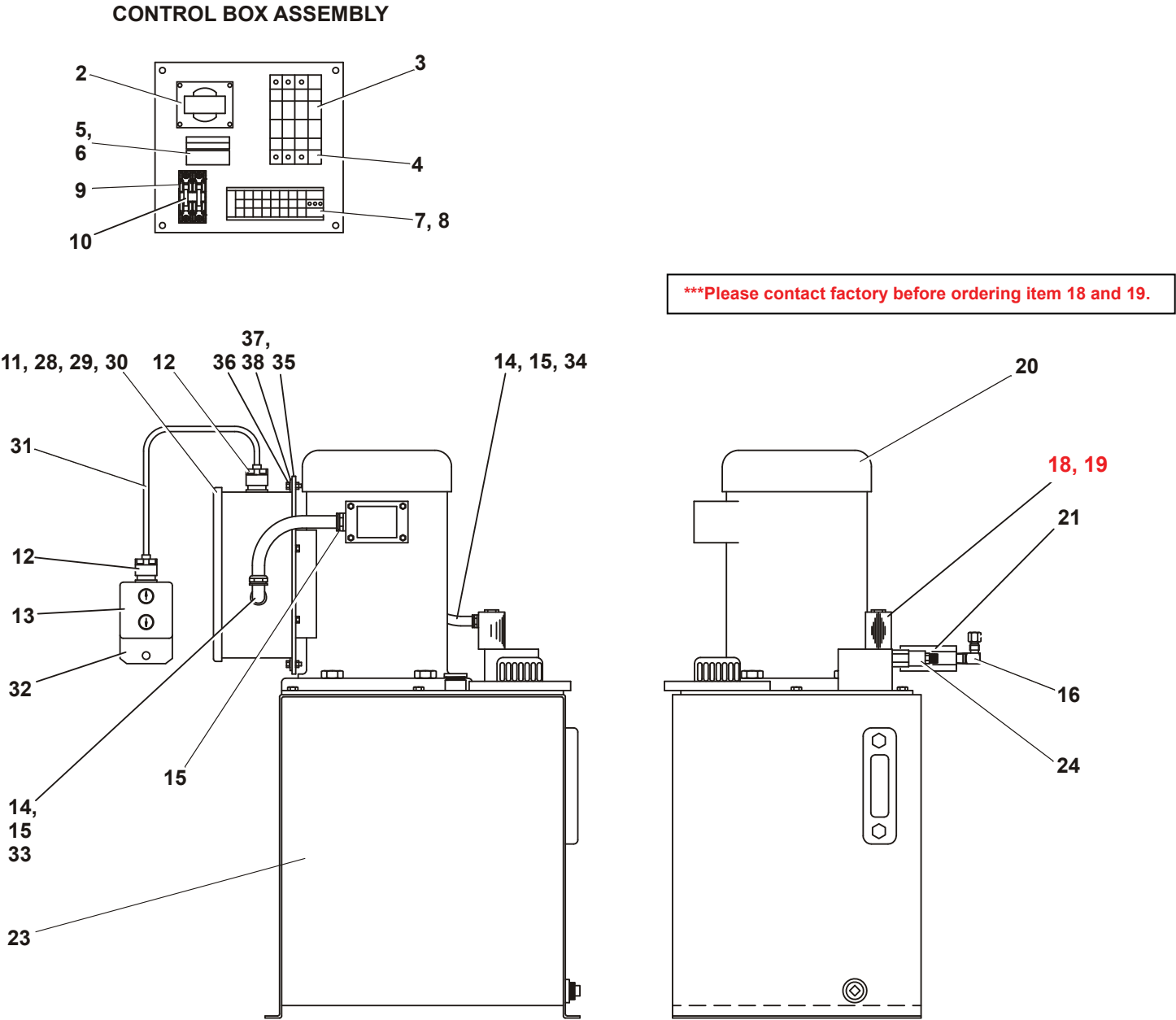
Item	Qty	Part No	General Description	Specific Description
			Power Packs - 5 Horse Power	10 Gallon Reservoir
-	-	815-P51-230-R	Module, Remote Power Pack	5HP 230V/1Ø/60-5G
-	-	815-P53-208-R	Module, Remote Power Pack	5HP 208V/3Ø/60-5G
-	-	815-P53-230-R	Module, Remote Power Pack	5HP 230V/3Ø/60-5G
		815-P53-415-R	Module, Remote Power Pack	5HP 415V/3Ø/60-5G
-	-	815-P53-460-R	Module, Remote Power Pack	5HP 460V/3Ø/60-5G
-	-	815-P53-575-R	Module, Remote Power Pack	5HP 575V/3Ø/60-5G
-	-	305-5003	Power Pack, Remote Ass'y	5HP-230V/1Ø/50/60Hz
-	-	305-5003-1	Power Pack, Remote Ass'y	5HP-208V/3Ø/50/60HZ
-	-	305-5003-2	Power Pack, Remote Ass'y	5HP-230V/3Ø/50/60Hz
-	-	305-5003-3	Power Pack, Remote Ass'y	5HP-415V/3Ø/50/60Hz
-	-	305-5003-4	Power Pack, Remote Ass'y	5HP-460V/3Ø/50/60Hz
-	-	305-5003-5	Power Pack, Remote Ass'y	5HP-575V/3Ø/50/60Hz
1*	1	630-003-1	Kit, Pick - 5HP 230/1/60 Rem.	5HP/230/1Ø/60
1*	1	630-024-1	Kit, Pick - 5HP 208/3/60 Rem.	5HP/208/3Ø/60
1*	1	630-026-1	Kit, Pick - 5HP 230/3/60 Rem.	5HP/230/3Ø/60
1*	1	630-040-1	Kit, Pick - 5HP 415/3/60 Rem.	5HP/415/3Ø/60
1*	1	630-028-1	Kit, Pick - 5HP 460/3/60 Rem.	5HP/460/3Ø/60
1*	1	630-030-1	Kit, Pick - 5HP 575/3/60 Rem.	5HP/575/3Ø/60
2	1	026-302	Transformer 240/480 PR.-120/240Sec.	5HP/230/1Ø/60
2	1	026-306	Transformer 208/416, 120 Sec.	5HP/208/3Ø/60
2	1	026-302	Transformer 240/480 PR.-120/240Sec.	5HP/230/3Ø/60
2	1	026-306	Transformer 208/416, 120 Sec.	5HP/415/3Ø/60
2	1	026-302	Transformer 240/480 PR.-120/240Sec.	5HP/460/3Ø/60
2	1	026-300	Transformer 600V-120V	5HP/575/3Ø/60
3	1	025-928	Contactor 32A	5HP/1Ø/50/60 HZ
3	1	025-926	Contactor (CI-25)	5HP/208-230V/3Ø/60
3	1	025-924	Contactor, Motor -12A CI-12	5HP/415-575/3Ø/50/60
4	1	026-118	Relay, Overload - 11-16A	5HP/208-230V/3Ø Only
4	1	026-105	Relay, Overload - 6-9.2A	5HP/415-575V/50/60 HZ
4	1	026-104	Relay, Overload - 4-6.2A	5HP/415-575V/50/60 HZ
5	1	026-147	Fuse, 0.5 Amp .25"x1.25"	5HP/3Ø/50/60 HZ
6	1	026-227	Fuseholder, Single 250 Volt	5HP/3Ø/50/60 HZ
7	10	030-842	Terminal Block	5HP/3Ø/50/60 HZ
8	1	030-843	Terminal Block End Section	5HP/3Ø/50/60 HZ
9	1	026-228	Fuseholder, 600 V, 30 Amp	5HP/3Ø/50/60 HZ
10	1	026-158	Fuse, Fiber - 13/32"x1-1/2" 1/2 Amp	5HP/208-230V/1&3Ø/60
10	1	026-238	Fuse, Primary 3/10	5HP/415V/3Ø/60 Hz
10	1	026-233	Fuse, Primary 2/10	5HP/460,575V/3Ø/60 Hz
11	1	025-068	Enclosure	5HP/230/1Ø/60
11	1	110-831	Control Box 10x8x5	5HP/3Ø/50/60 HZ
12	2	025-015	Connector-Cable	5HP/3Ø/50/60 HZ
13	1	025-692	Push Button Station - Nema 4X	5HP/3Ø/50/60 HZ
14	3	025-010	Connector LT - 3/8-90°	5HP/3Ø/50/60 HZ
14	3	025-011	Connector LT - 1/2"-90°	5HP 208V/3Ø/60-5G
15	3	025-009	Connector ST - 3/8"	5HP/3Ø/50/60 HZ
15	3	025-012	Connector LT - 1/2"-Str.	5HP 208V/3Ø/60-5G

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Parts Listings - Power Packs - 5 Horse Power



Parts Listings - Power Packs - 5 Horse Power

Item	Qty	Part No	General Description	Specific Description
16	1	034-500	Fitting, 90° Forged - 2103-4-6	<6000lb. Cap
16	1	034-540	Fitting, 90° Forged - 2103-4-8	>6000lb. Cap
17*	1	033-796	Powerpack 5HP 220/1/60	5HP/230/1Ø/60
17*	1	033-794	Powerpack, 5HP, 208-460/3/60	5HP/208-460V/3Ø/60 Hz
17*	1	033-795	Powerpack, 5HP, 575/3/60	5HP/575V/3Ø/60 Hz
18	1	033-798	Coil, Solenoid Valve	5HP/3Ø/50/60 HZ
19	1	033-800	Cartridge, Solenoid Valve	5HP/3Ø/50/60 HZ
NOTE: Please contact factory before ordering items 18 & 19.				
20	1	031-114	Motor, 5HP 230/1/60	5HP 230/1Ø/60
20	1	031-112	Motor, 5HP 230-460/3/60	5HP 230-460/3Ø/60
20	1	031-113	Motor, 5HP 575/3/60	5HP 575/3Ø/60
21	1	033-839	Control, Press. Comp. Flow	5HP/3Ø/50/60 HZ
22	1	033-178	Pump (Not Shown)	5HP/3Ø/50/60 HZ
23	1	035-424	Reservoir, 10 Gallon	5HP/3Ø/50/60 HZ
24	1	033-808	Valve, Relief	5HP/3Ø/50/60 HZ
25	1	030-069	Grounding Strip	5HP/3Ø/50/60 HZ
26	1	025-933	Connector LT - 3/4" 90°	5HP/3Ø/50/60 HZ
27	1	550-129	Gasket, Oil	5HP/3Ø/50/60 HZ
28	4	010-072	Capscrew, Hex Hd. - 1/4-20 X 1/2"	5HP/3Ø/50/60 HZ
29	4	012-210	Washer, Flat 1/4" Bolt S	5HP/3Ø/50/60 HZ
30	4	012-202	Washer, Lock - 1/4" Helical	5HP/3Ø/50/60 HZ
31	4.3	090-581	Wire Per Metre	5HP/3Ø/50/60 HZ
32	1	110-287	Bracket, 2 Push Buttons	5HP/3Ø/50/60 HZ
33	1	090-053-0080	Conduit Assembly	5HP/3Ø/50/60 HZ
34	1	090-053-0110	Conduit Assembly	5HP/3Ø/50/60 HZ
35	1	305-0002	Plate, Control Box Mounting Plate	5HP/1Ø/50/60 HZ
35	1	305-0001	Plate, Control Box Mounting Plate	5HP/3Ø/50/60 HZ
36	4	010-036	Capscrew, Hex Hd. 5/16"-18 X 1/2"	5HP/3Ø/50/60 HZ
37	4	012-211	Washer, 5/16" Bolt Size Flat	5HP/3Ø/50/60 HZ
38	4	012-200	Washer, Lock Helical 5/16"	5HP/3Ø/50/60 HZ
39	AR	090-054-0070	Conduit 1/2 Lt Sealite	5HP/3Ø/50/60 HZ
40	2	025-136	Washer, Reducing 3/4"-1/2"	5HP/3Ø/50/60 HZ

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10.3 Parts Listings - Power Packs - 7.5 Horse Power

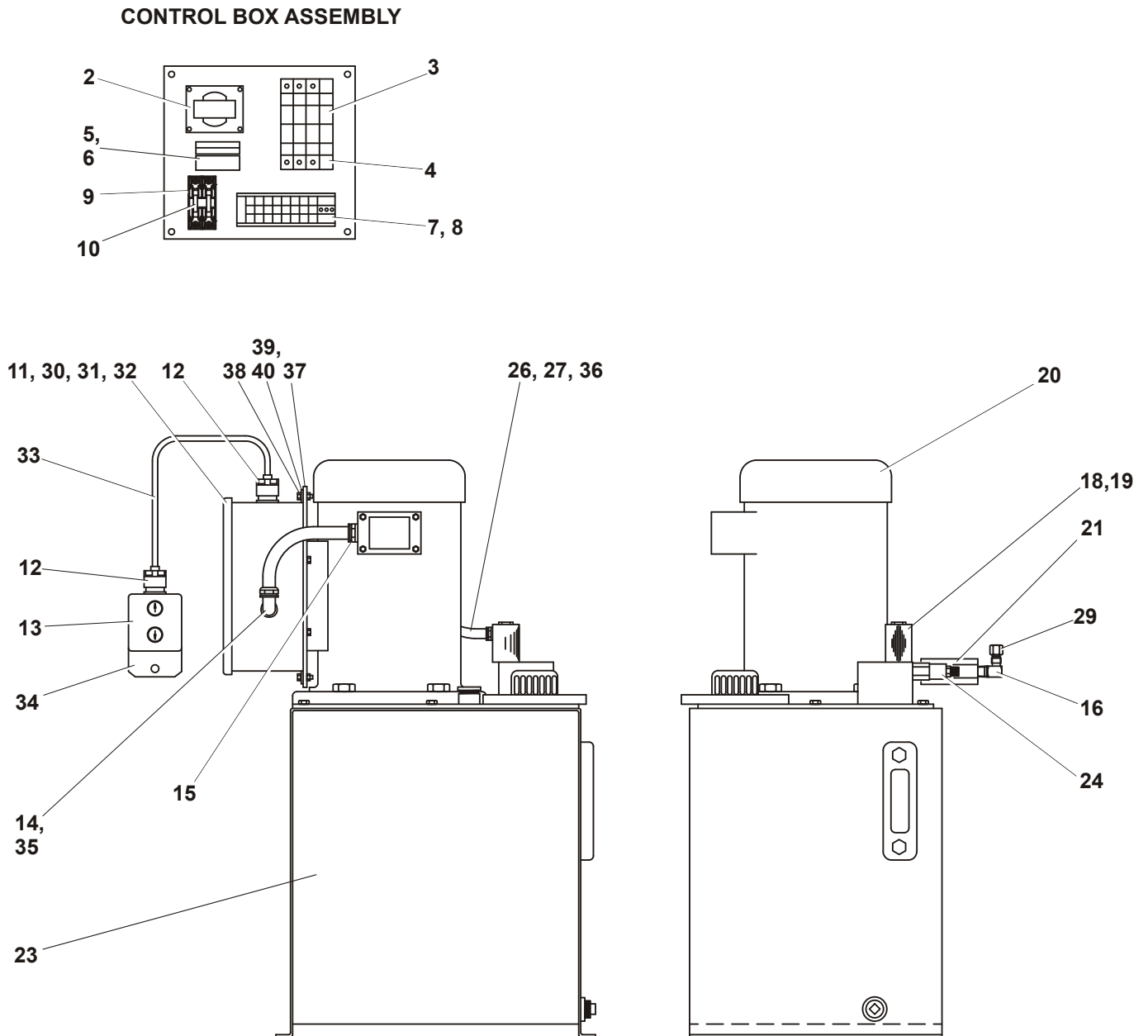


Figure 52 : Power Pack Assembly - 7.5 Horse Power

Parts Listings - Power Packs - 7.5 Horse Power

Item	Qty	Part No	General Description	Specific Description
			Power Packs - 7.5 Horse Power	10 Gallon Reservoir
-	-	815-P73-208-R	Module, Remote Power Pack	7.5HP 208V/3Ø/60-5G
-	-	815-P73-230-R	Module, Remote Power Pack	7.5HP 230V/3Ø/60-5G
-	-	815-P73-415-R	Module, Remote Power Pack	7.5HP 415V/3Ø/60-5G
-	-	815-P73-460-R	Module, Remote Power Pack	7.5HP 460V/3Ø/60-5G
-	-	815-P73-575-R	Module, Remote Power Pack	7.5HP 575V/3Ø/60-5G
-	-	305-5004	Power Pack, Remote Ass'y	7.5HP-208V/3Ø/50/60HZ
-	-	305-5004-1	Power Pack, Remote Ass'y	7.5HP-230V/3Ø/50/60Hz
-	-	305-5004-2	Power Pack, Remote Ass'y	7.5HP-415V/3Ø/50/60Hz
-	-	305-5004-3	Power Pack, Remote Ass'y	7.5HP-460V/3Ø/50/60Hz
-	-	305-5004-4	Power Pack, Remote Ass'y	7.5HP-575V/3Ø/50/60Hz
1*	1	630-031-1	Kit, Pick - 7.5HP 208/3/60 Rem.	7.5HP/208/3Ø/60
1*	1	630-032-1	Kit, Pick - 7.5HP 230/3/60 Rem.	7.5HP/230/3Ø/60
1*	1	630-066	Kit, Pick - 7.5HP 415/3/60 Rem.	7.5HP/415/3Ø/60
1*	1	630-033-1	Kit, Pick - 7.5HP 460/3/60 Rem.	7.5HP/460/3Ø/60
1*	1	630-041-1	Kit, Pick- 7.5HP 575/3/60 Rem.	7.5HP/575/3Ø/60
2	1	026-306	Transformer 208/416, 120 Sec.	7.5HP/208/3Ø/60
2	1	026-302	Transformer 240/480PR-120/240Sc.	7.5HP/230/3Ø/60
2	1	026-306	Transformer 208/416, 120 Sec.	7.5HP/415/3Ø/60
2	1	026-302	Transformer 240/480PR-120/240Sc.	7.5HP/460/3Ø/60
2	1	026-300	Transformer 600V-120V	7.5HP/575/3Ø/60
3	1	025-926	Contactor (CI-25)	7.5HP/3Ø/50/60
4	1	026-168	Relay, Overload - 19-25A	7.5HP/208-230V/3Ø Only
4	1	026-117	Relay, Overload - 8-12A	7.5HP/415-575V/50/60 HZ
4	1	026-105	Relay, Overload - 6-9.2A	7.5HP/415-575V/50/60 HZ
5	1	026-147	Fuse, 0.5 Amp .25"x1.25"	7.5HP/3Ø/50/60 HZ
6	1	026-227	Fuseholder, Single 250 Volt	7.5HP/3Ø/50/60 HZ
7	10	030-842	Terminal Block	7.5HP/3Ø/50/60 HZ
8	1	030-843	Terminal Block End Section	7.5HP/3Ø/50/60 HZ
9	1	026-228	Fuseholder, 600 V, 30 Amp	7.5HP/3Ø/50/60 HZ
10	1	026-158	Fuse, Fiber - 13/32"x1-1/2" 1/2 Amp	7.5HP/208-230V/3Ø/60 Hz
10	1	026-230	Fuse, Primary 3/10	7.5HP/415V/3Ø/60 Hz
10	1	026-233	Fuse, Primary 2/10	7.5HP/460,575V/3Ø/60 Hz
11	1	110-831	Control Box 10x8x5	7.5HP/3Ø/50/60 HZ
12	2	025-015	Connector-Cable	7.5HP/3Ø/50/60 HZ
13	1	025-692	Push Button Station - Nema 4X	7.5HP/3Ø/50/60 HZ
14	1	025-012	Connector LT - 1/2"-Str.	7.5HP/208V/3Ø/60-5G
15	1	025-011	Connector LT - 1/2"-90°	7.5HP/208V/3Ø/60-5G
16	1	034-540	Fitting, 90° Forged - 2103-4-8	7.5HP/3Ø/50/60 HZ

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Power Packs - 7.5 Horse Power

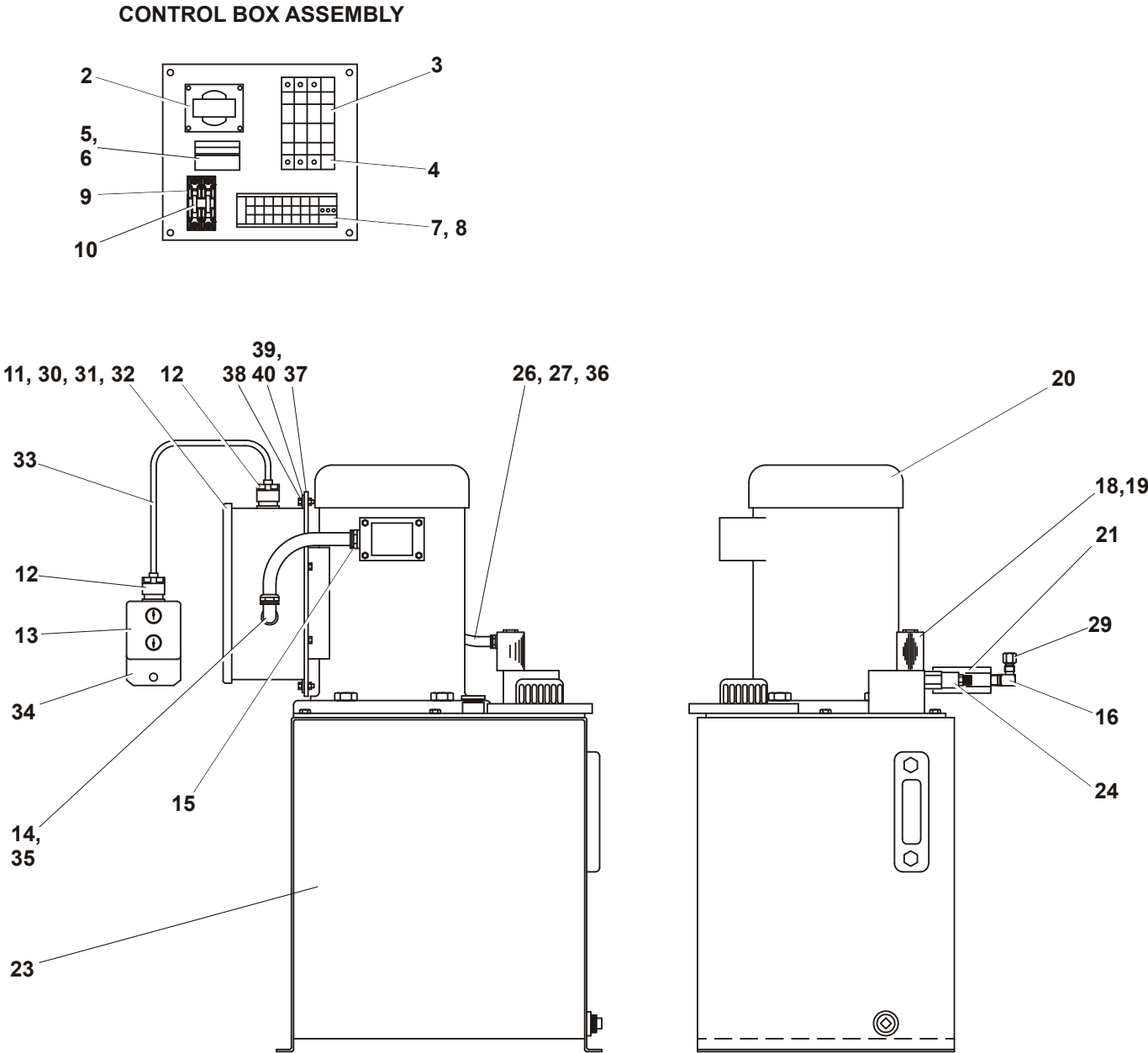


Figure 49 : Power Pack Assembly - 7.5 Horse Power

Power Packs - 7.5 Horse Power

Item	Qty	Part No	General Description	Specific Description
17**	1	033-803	Powerpack 7.5HP 208-460/3/60	7.5HP/208-430/3Ø/60
17**	1	033-835	Powerpack, 7.5HP, 575/3/60	7.5HP/575V/3Ø/60 Hz
18	1	033-798	Coil, Solenoid Valve	7.5HP/3Ø/50/60 HZ
19	1	033-800	Cartridge, Solenoid Valve	7.5HP/3Ø/50/60 HZ
20	1	031-552	Motor, 7.5HP 230-460/3/60	7.5HP 230/1Ø/60
20	1	031-553	Motor, 7.5HP 575/3/60	7.5HP 575/3Ø/60
21	1	033-839	Control, Press. Comp. Flow	7.5HP/3Ø/50/60 HZ
22	1	033-881	Pump (Not Shown)	7.5HP/3Ø/50/60 HZ
23	1	033-882	Reservoir, 10 Gallon	7.5HP/3Ø/50/60 HZ
24	1	033-808	Valve, Relief	7.5HP/3Ø/50/60 HZ
25	1	030-069	Grounding Strip	7.5HP/3Ø/50/60 HZ
26	1	025-009	Connector ST - 3/8"	7.5HP/3Ø/50/60 HZ
27	1	025-063	Connector LT	7.5HP/3Ø/50/60 HZ
28	1	550-129	Gasket, Oil	7.5HP/3Ø/50/60 HZ
29	1	034-602	Fitting, 2103-4-8	7.5HP/3Ø/50/60 HZ
30	4	010-072	Capscrew, Hex Hd. - 1/4-20 X 1/2"	7.5HP/3Ø/50/60 HZ
31	4	012-210	Washer, Flat 1/4" Bolt S	7.5HP/3Ø/50/60 HZ
32	4	012-202	Washer, Lock - 1/4" Helical	7.5HP/3Ø/50/60 HZ
33	4.3	090-581	Wire Per Metre	7.5HP/3Ø/50/60 HZ
34	1	110-287	Bracket, 2 Push Buttons	7.5HP/3Ø/50/60 HZ
35	1	090-053-0080	Conduit Assembly	7.5HP/3Ø/50/60 HZ
36	1	090-053-0110	Conduit Assembly	7.5HP/3Ø/50/60 HZ
37	1	305-0004	Plate, Control Box Mounting Plate	7.5HP/3Ø/50/60 HZ
38	4	010-036	Capscrew, Hex Hd. 5/16"-18 X 1/2"	7.5HP/3Ø/50/60 HZ
39	4	012-211	Washer, 5/16" Bolt Size Flat	7.5HP/3Ø/50/60 HZ
40	4	012-200	Washer, Lock Helical 5/16"	7.5HP/3Ø/50/60 HZ
41	2	025-136	Washer, Reducing 3/4"-1/2"	7.5HP/3Ø/50/60 HZ

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10.4 Parts Listings - Power Packs - 10 Horse Power

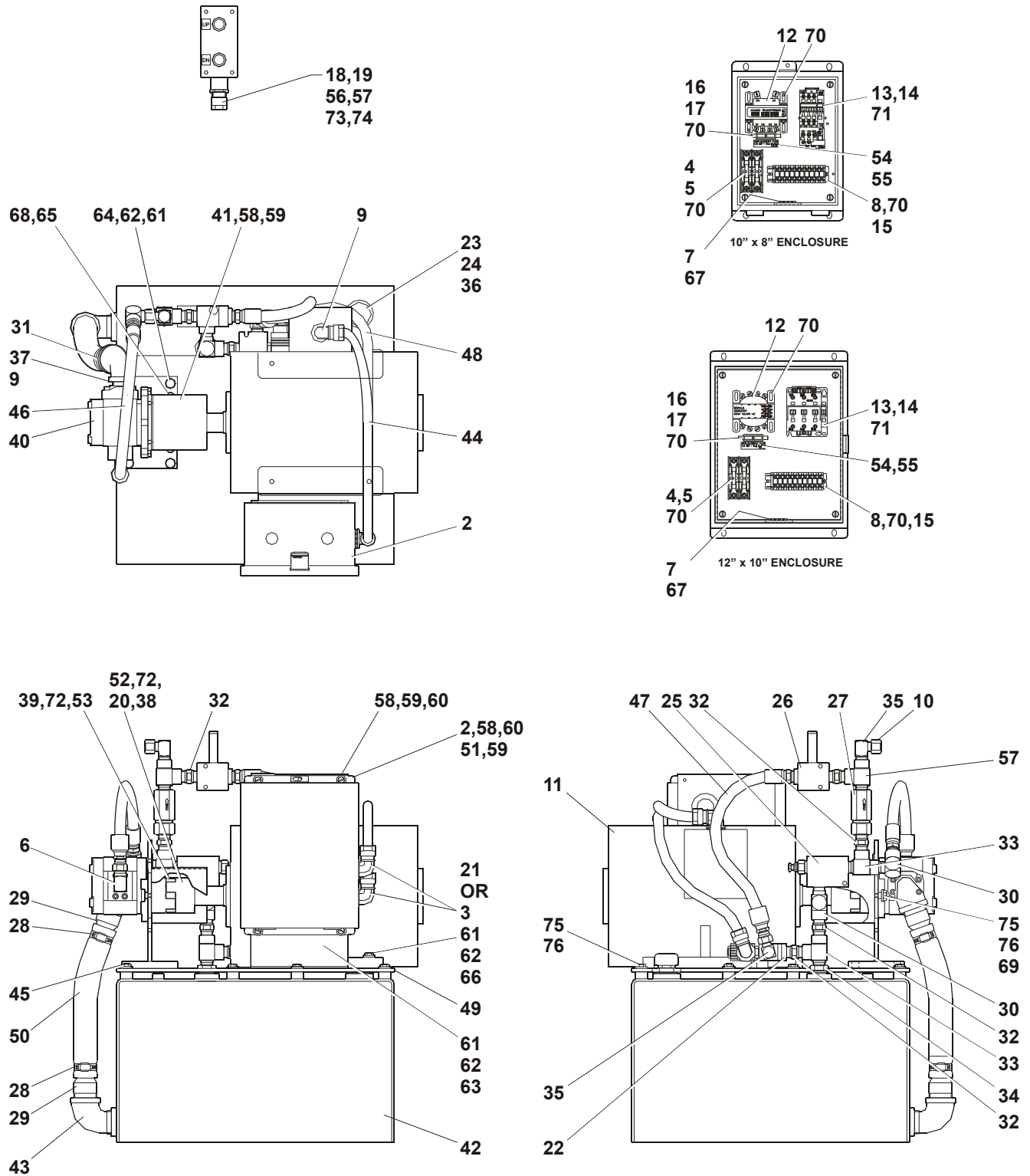


Figure 53 : Power Pack - 10 Horse Power

Power Pack - 10 Horse Power

Item	Qty	Part No	General Description	Specific Description
			Power Packs - 10 Horse Power	10 Gallon Reservoir
-	-	815-P93-208-R	Module, Remote Power Pack	10HP 208V/3Ø/60-5G
-	-	815-P93-230-R	Module, Remote Power Pack	10HP 230V/3Ø/60-5G
		815-P93-415-R	Module, Remote Power Pack	10HP 415V/3Ø/60-5G
-	-	815-P93-460-R	Module, Remote Power Pack	10HP 460V/3Ø/60-5G
-	-	815-P93-575-R	Module, Remote Power Pack	10HP 575V/3Ø/60-5G
-	-	305-5005	Power Pack, Remote Ass'y	10HP-208V/3Ø/50/60HZ
-	-	305-5005-1	Power Pack, Remote Ass'y	10HP-230V/3Ø/50/60Hz
-	-	305-5005-2	Power Pack, Remote Ass'y	10HP-415V/3Ø/50/60Hz
-	-	305-5005-2	Power Pack, Remote Ass'y	10HP-460V/3Ø/50/60Hz
-	-	305-5005-3	Power Pack, Remote Ass'y	10HP-575V/3Ø/50/60Hz
1*	1	630-042-1	Kit, Pick - 10HP 208/3/60 Rem.	10HP/208/3Ø/60
1*	1	630-043-1	Kit, Pick - 10HP 230/3/60 Rem.	10HP/230/3Ø/60
1*	1	630-090	Kit, Pick - 10HP 415/3/60 Rem.	10HP/415/3Ø/60
1*	1	630-035-1	Kit, Pick - 10HP 460/3/60 Rem.	10HP/460/3Ø/60
1*	1	630-036-1	Kit, Pick - 10HP 575/3/60 Rem.	10HP/575/3Ø/60
2	1	025-068	Enclosure, Control Box	10HP/208,230/3Ø/60
2	1	110-831	Enclosure, Control Box	10HP/415-575/3Ø/60
3	1	025-012	Connector, 1/2"-90°LT Conduit	10HP/230/3Ø/60
4	1	026-228	Fuseholder,600 V, 30 Amp	10HP/415/3Ø/60
5	1	026-158	Fuse, Fiber - 13/32"X1-1/2"-1/2A	10HP/208-230/3Ø/60
5	1	026-233	Fuse 2/10 600V	10HP/415-575/3Ø/60
6	1	034-618	Fitting, 2103-12-8	10HP/575/3Ø/60
7	1	030-069	Grounding Strip	10HP/3Ø/50/60
8	1	030-842	Terminal Block	10HP/208-230V/3Ø Only
9	1	035-090	Reducer. Hex 1" Mx3/4" F	10HP/415-575V/50/60 HZ
10	1	035-251	Cap	10HP/415-575V/50/60 HZ
11	1	031-032	Motor AC 208-460/3Ø 60Hz 10HP	10HP/3Ø/50/60 HZ
11	1	031-028	Motor, 10HP 575/3Ø/60	10HP/575V/3Ø/60 HZ
12	1	026-306	Transformer, PRI 208/416,120S50VA	10HP/208V/3Ø/50/60 HZ
12	1	026-302	Transformer, PRI 240/480,	10HP/230V/3Ø/50/60 HZ
12	1	026-306	Transformer, PRI 208/416,120S50VA	10HP/415V/3Ø/50/60 HZ
12	1	026-302	Transformer, PRI 240/480	10HP/460V/3Ø/50/60 HZ
12	1	026-300	Transformer, 50VA 600V -120V60Hz	10HP/575V/3Ø/60 HZ
13	1	025-928	Contactactor 32 Amp	10HP/208-230V/3Ø/60 HZ
13	1	025-926	Contactactor (CI-25)	10HP/415V/3Ø/50/60 HZ
13	1	025-928	Contactactor 32 Amp	10HP/460V/3Ø/60 HZ
13	1	025-924	Contactactor, Motor - 12A (CI12)	10HP/575V/3Ø/60 HZ
14	1	026-169	Relay,Overload 22-32 Amps	10HP/208-230/3Ø/50/60 HZ
14	1	026-118	Relay,Overload 11-16 Amps	10HP/415/3Ø/50/60 HZ
14	1	026-169	Relay,Overload 22-32 Amps	10HP/460/3Ø/50/60 HZ
14	1	026-117	Relay,Overload 8-12 Amps	10HP/575V/3Ø/60 HZ
15	1	030-843	Terminal Block End Section	10HP/3Ø/50/60 HZ

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Parts Listings - Power Packs - 10 Horse Power

Item	Qty	Part No	General Description	Specific Description
16	1	026-227	Fuseholder, Single 250 Volt	10HP/208-230V/3Ø/60 Hz
17	2	026-147	Fuse, Primary-.5 Amp .25"X1.25"	10HP/415V/3Ø/60 Hz
18	2	025-015	Connector-Cable Fitting	10HP/460,575V/3Ø/60 Hz
19	6	025-692	Push Button Station-Nema 4X	10HP/3Ø/50/60 HZ
20	6	023-311	Coupling, Rubber Insert	10HP/3Ø/50/60 HZ
21	4	025-010	Connector Lt, 3/8-90°	10HP/3Ø/50/60 HZ
22	11	033-597	Valve, Solenoid	10HP/208V/3Ø/60-5G
23	11	035-238	Breather Cap (3/4")	10HP/208V/3Ø/60-5G
24	3	035-062	Plug Cored Black 3/4" Pipe	10HP/3Ø/50/60 HZ
25	4	033-587	Valve, Relief	10HP/208-430/3Ø/60
26	4	033-501	Valve, Load Lowering Control	10HP/575V/3Ø/60 Hz
27	4	033-523	Valve, Check	10HP/3Ø/50/60 HZ
28	2	035-207	Clamp, Hose, 1-1/8"-2-1/16"	10HP/3Ø/50/60 HZ
29	4	034-036	Fitting	10HP/3Ø/50/60 HZ
30	4	034-570	Fitting, 2102-8-8	10HP/3Ø/50/60 HZ
31	7	035-054	Fitting, 90° F Elbow 1-1/4"-3/4"	10HP/3Ø/50/60 HZ
32	2	034-561	Fitting, 0101-8-8	10HP/3Ø/50/60 HZ
33	2	034-575	Adapter	10HP/3Ø/50/60 HZ
34	1	034-558	Reducer, 0102-12-8	10HP/3Ø/50/60 HZ
35	1	034-541	Adapter Fitting, 2103-8-8	10HP/3Ø/50/60 HZ
36	9	035-063	Reducer 1-1/4" M-3/4"F Pipe	10HP/3Ø/50/60 HZ
37	9	035-055	Nipple 3/4" Closed	10HP/3Ø/50/60 HZ
38	1	023-309	Coupling HB, 1-3/8" Bore	10HP/3Ø/50/60 HZ
39	1	111-895	Pump Shaft Coupling (023-325)	10HP/3Ø/50/60 HZ
40	1	033-085	Pump , 1"Suction, 3/4"Pressure	10HP/3Ø/50/60 HZ
41	1	796-967	Coupling Shield Assembly	10HP/3Ø/50/60 HZ
42	1	792-473	Reservoir Ass'y (20x20x11-3/4)	10HP/3Ø/50/60 HZ
43	1	797-208	Filter, Suction Ass'y	10HP/3Ø/50/60 HZ
44	1	090-054-0170	Conduit (17"LG) 1/2"LT Sealtite Flex	10HP/3Ø/50/60 HZ
45	1	797-238	Pump Mounting Ass'y 7.5/10 HP	10HP/3Ø/50/60 HZ
46	1	792-654	Hose Ass'y #8 HP-Strght 14"Lg	10HP/3Ø/50/60 HZ
47	1	792-655	Hose Ass'y #8 HP-Strght 16"Lg	10HP/3Ø/50/60 HZ
48	1	090-053-0244	Conduit (24-1/2"LG) - 3/8" Polytuff Gray	10HP/3Ø/50/60 HZ
49	1	106-808	Mounting Plate (20"X15")	10HP/3Ø/50/60 HZ
50	1	104-589	Hose 11.5"LG.	10HP/3Ø/50/60 HZ
51	1	104-997	Mounting Bracket	10HP/208,230V/3Ø/60-5G
51	1	104-597	Mounting Bracket	10HP/415-575V/3Ø/60Hz
52	1	021-024	Key Input Shaft Ext. - 1/4"X 3/4"	10HP/3Ø/50/60 HZ
53	1	104-355	Key Motor Shaft - 3/16"X 1"	10HP/3Ø/50/60 HZ
54	1	110-282	Self-Adhesive Sticker	10HP/3Ø/50/60 HZ
55	1	110-903	Fuse Sticker	10HP/3Ø/50/60 HZ
56	2	011-005	Screw, Mach. R/H Slot 8-32" X 1/2"	10HP/3Ø/50/60 HZ
57	2	012-224	Washer, Lock - #8 Int. Tooth	10HP/3Ø/50/60 HZ
58	6	012-202	Washer, Lock - 1/4" Helical	10HP/3Ø/50/60 HZ
59	6	010-072	Capscrew, Hex Hd.-1/4"-20 X 1/2"	10HP/3Ø/50/60 HZ
60	4	012-210	Washer, Flat -1/4" Bolt S	10HP/3Ø/50/60 HZ
61	11	012-200	Washer, Lock Helical-5/16"	10HP/3Ø/50/60 HZ
62	11	012-211	Washer, Flat -5/16" Bolt Size	10HP/3Ø/50/60 HZ
63	3	010-036	Capscrew, Hex Hd.-5/16-18 X 1/2"	10HP/3Ø/50/60 HZ
64	4	010-006	Capscrew, Hex Hd.-5/16-18 X 1"	10HP/3Ø/50/60 HZ
65	4	010-008	Capscrew, Hex Hd.-5/16-18 X 1 1/2"	10HP/3Ø/50/60 HZ
66	4	010-037	Capscrew, Hex Hd -5/16-18 X 3/4"	10HP/3Ø/50/60 HZ
67	2	011-098	Screw, Mach. R/H Slot -1/4"-28 X 5/8"	10HP/3Ø/50/60 HZ
68	4	011-502	Nut, Hex -5/16"-18	10HP/3Ø/50/60 HZ

Parts Listings - Power Packs - 10 Horse Power

Item	Qty	Part No	General Description	Specific Description
69	4	012-252	Washer, Flat - 3/8"ID Bs	10HP/3Ø/50/60 HZ
70	7	014-056	Screw, Self Tap -#8x1/2"	10HP/3Ø/50/60 HZ
71	2	014-057	Screw, Self Tap -#8 X 3/4"	10HP/3Ø/50/60 HZ
72	2	014-002	Screw, Set -1/4"X 3/8"	10HP/3Ø/50/60 HZ
73	1	090-581-1680	Wire Per Metre (168"Lg)	10HP/3Ø/50/60 HZ
74	1	110-287	Bracket, 2 Push Buttons 6"Lg	10HP/3Ø/50/60 HZ
75	9	010-012	Capscrew, Hex Hd. 3/8-16 X 3/4"	10HP/3Ø/50/60 HZ
76	9	012-201	Washer, Lock -3/8"Dia.Helical	10HP/3Ø/50/60 HZ

11. Parts Listings - Semi-Portable Elevating Docks

11.1 General Assembly - 4, 5, & 6,000 lb. Cap. - 96" Deck Length

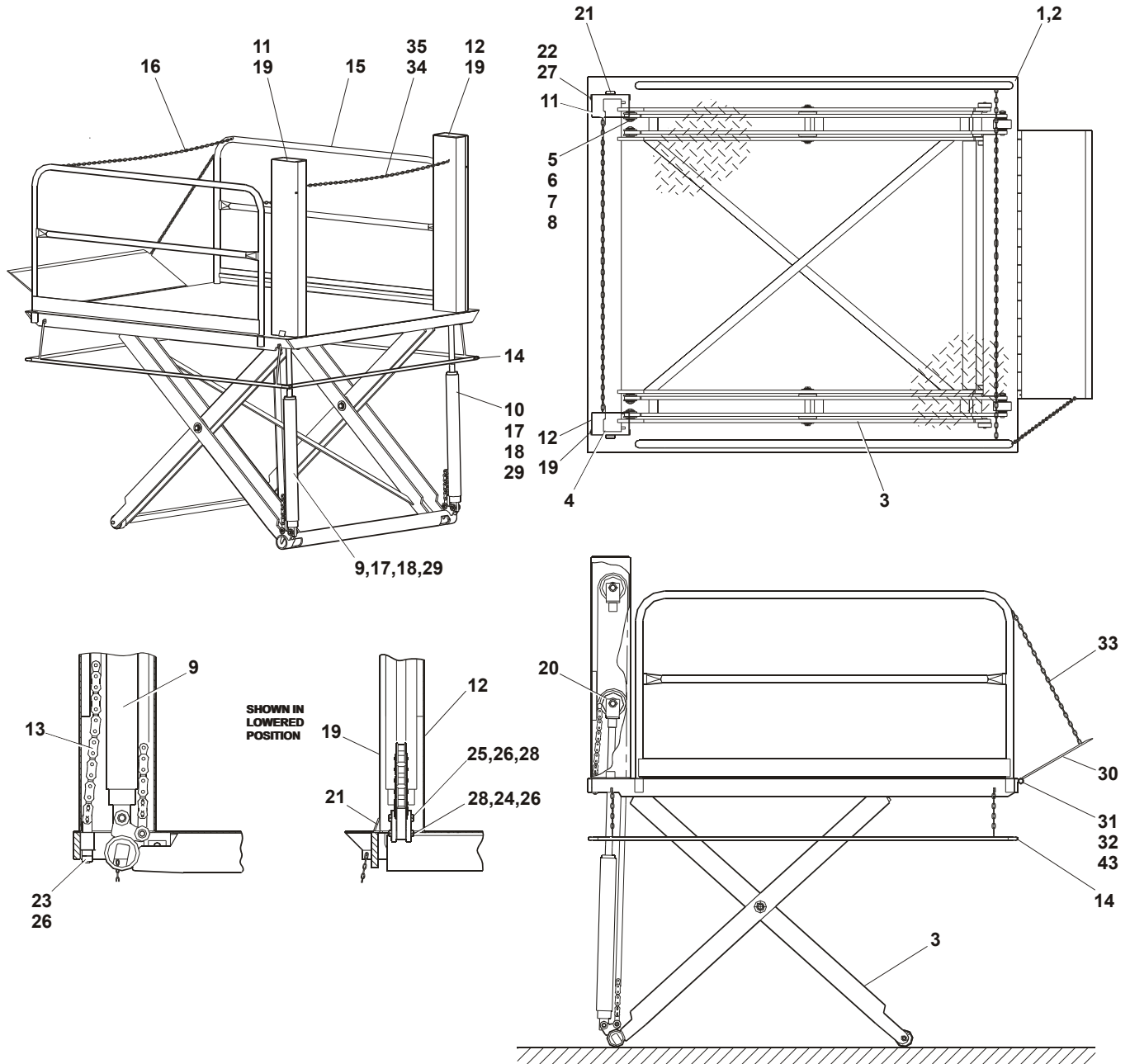


Figure 54 : General Assembly - 4, 5, & 6,000 lb. - 96" Deck Length

General Assembly - 4, 5, & 6,000 lb. Cap. - 96" Deck Length

Item	Qty	Part No	General Description	Specific Description
			Semi-Portable Elevating Dock	REF DWG. 796-735
1	1	796-727	Deck & Leg Ass'y (72"X96")	4,000/72X96"
1	1	796-746	Deck & Leg Ass'y (72"X96")	5,000/72X96"
1*	1	796-746-1	Deck & Leg Ass'y (72"X96")	6,000/72X96"
2	1	796-729	Deck Assembly (72"X96")	4,85,000/72X96"
2	1	796-729-1	Deck Assembly (6s/72"X96")	6,000/72X96"
3**	2	796-292	Leg Assembly (85-3/4"X4")	4,000/72X96"
3**	2	796-718	Leg Assembly (85-3/4"X4-1/2")	5,86,000/72X96"
4	1	796-781	Torque Bar Ass'y (62-1/2")	4,5,86,000/72X96"
5	4	797-445	Pin Weldment (2-1/8"Lg)	4,5,86,000/72X96"
6	4	013-011	Spring Pin 1/4 X 1-3/8	4,5,86,000/72X96"
6	4	013-012	Spring Pin 1/4" X 2"	4,5,86,000/72X96"
7	12	012-214	Washer, Flat Plain - 3/4" BS	4,5,86,000/72X96"
8	4	018-001	Bushing - 3/4" Lg	4,5,86,000/72X96"
9**	1	786-720	Cylinder Ass'y (Left) [2-1/2"Dia]	4,85,000/72X96
9**	1	786-657	Cylinder Ass'y (Left) [3"Dia]	6,000/72X96"
10**	1	786-721	Cylinder Ass'y (Right)[2-1/2"Dia]	4,85,000/72X96
10*	1	786-658	Cylinder Ass'y (Right)[3"Dia]	6,000/72X96"
11	1	797-267	Post, Cylinder Weld (Left)	4,5,86,000/72X96"
12	1	797-248	Post, Cylinder Weld (Right)	4,5,86,000/72X96"
13	2	796-946	Chain Assembly (93-3/4"Lg)	4,5,86,000/72X96"
14	1	302-5000-7296	Bar, Safety Indicator	4,5,86,000/72X96"
15	1	312-5080-4	Guard Rail, Right Side 96"Deck	4,5,86,000/72X96"
16	1	312-5081-4	Guard Rail, Left Side 96"Deck	4,5,86,000/72X96"
17	2	034-599	Fitting Elbow Forged #6MP-4MP-90	4,5,86,000/72X96"
18	2	033-661	Velocity Fuse - 5 GPM	4,5,86,000/72X96"
19	2	103-806	Cover, Post (49-1/2"X8-5/8"ID)	4,5,86,000/72X96"
20**	2	797-459	Crosshead Assembly (3"X3")	4,5,86,000/72X96"
21	2	103-744	Spacer	4,5,86,000/72X96"
22	4	012-202	Washer, Lock - 1/4" Helical	4,5,86,000/72X96"
23	2	011-535	Nut, Hex - 3/4"-10 Nylon Insert	4,5,86,000/72X96"
24	2	103-214	Pin, Chain Link Block	4,5,86,000/72X96"
25	2	103-215	Pin, Cylinder Pivot	4,5,86,000/72X96"
26	10	105-879	Washer - 3/4" X 1-3/16" X 1/16"	4,5,86,000/72X96"
27	4	010-072	Capscrew, Hex Hd. - 1/4-20 X 1/2"	4,5,86,000/72X96"
28	8	013-024	Cotter Pin-5/32" X 1-1/4"	4,5,86,000/72X96"
29	2	034-044	Fitting, 6-6	4,5,86,000/72X96"
30	1	302-5002	Lip Assy,60"(18"Lg,4&5#)1pc Lp	4,85,000/72X96"
30	1	302-5002-7	Lip Assy,60"(18"Lg,4&5#)1pc Lp	6,000/72X96"
31	1	121-616-1	Bar For Lip Hinge (60"Lg)	4,85,000/72X96"
31	1	106-205	Bar For Lip Hinge (60"Lg)	6,000/72X96"
32	1	013-005	Spring Pin 5/32"X1"Lg	4,85,000/72X96"
32	1	013-008	Spring Pin 3/16"X2"Lg	6,000/72X96"
33	1	091-023-0600	Chain (60"Lg) 3/16"	4,85,000/72X96"
34	1	091-023-0660	Chain (3/16"Galvanized) (66"Lg)	4,000/72X96"
34	2	091-036-0580	Chain (1/8"Galvanized) (58"Lg)	5,86,000/72X96"
35	2	R3-19203	Hook Snap 4"Lg (Not Shown)	4,5,86,000/72X96"
36	1	797-640	Cradle Plate Assy R.H. (Not Shown)	4,5,86,000/72X96"
37	1	796-926	Cradle Plate Assy L.H. (Ed) (Not Shown)	4,5,86,000/72X96"
38	2	105-487	Wear Plate (Not Shown)	4,5,86,000/72X96"
39	1	797-125	Hose Ass'y #6 Hose (12"Lg) (Not Shown)	4,5,86,000/72X96"
40	1	320-5002	Hose Assy, #6 HP 43"Lg (Str.- 45°) (Not Shown)	4,5,86,000/72X96"
41	1	300-5000-38	Hose, #6 Hp(144"Lg) Str. Swivel(2) (Not Shown)	4,5,86,000/72X96"
42	2GA	039-066	Paint, Blue (Fast Dry Enamel) (Not Shown)	4,5,86,000/72X96"
43	2	120-353	Spring, Torsion	4,5,86,000/72X96"

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11.1.1 Leg Assembly - 4, 5, & 6,000 lb. Cap. - 72x96" Deck

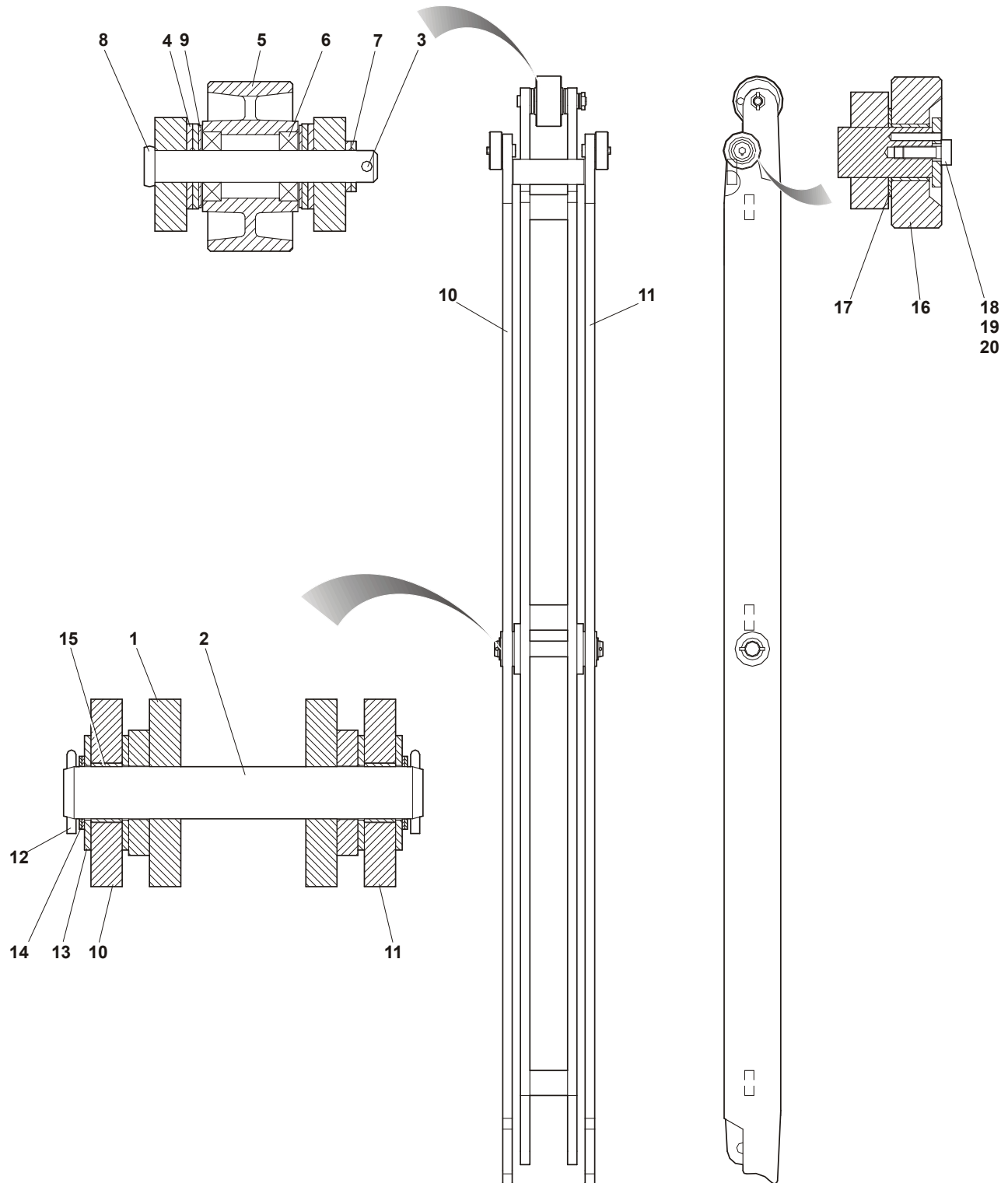


Figure 55 : Leg Assembly - 4, 5, & 6,000 lb. Cap. - 72x96" Deck Length

Leg Assembly - 4, 5, & 6,000 lb. Cap. - 72x96" Deck Length

Item	Qty	Part No	General Description	Specific Description
-	-	796-292	Leg Assembly (85-3/4"X4")	4,000/72X96"
-	-	796-718	Leg Assembly (85-3/4"X4-1/2")	5,&6,000/72X96"
1*	1	796-291	Leg Assy, Inner 85-3/4"X4-1/2"	4,000/72X96"
1*	1	796-719	Leg Assy, Inner 85-3/4"X4-1/2"	5,&6,000/72X96"
2	1	103-935	Pin, Centre (8-5/8"X1-1/4"Dia)	4,5,&6,000/72X96"
3	1	013-011	Spring Pin 1/4" X 1-3/8"	4,5,&6,000/72X96"
4	4	012-214	Washer, Flat - 3/4" BS	4,5,&6,000/72X96"
5	1	100-103	Wheel Cast Steel (4"X2")	4,5,&6,000/72X96"
6	2	018-500	Bearing, 3/4"X1-5/8"X7/16"	4,5,&6,000/72X96"
7	2	105-880	Washer Spacer- 3/4"x1-3/16"x1/8"	4,5,&6,000/72X96"
8	1	106-170	Axle, Load Roller (5-1/4"Lg)	4,5,&6,000/72X96"
9	2	105-879	Washer, 3/4" X 1-3/16" X 1/16"	4,5,&6,000/72X96"
10	1	796-290	Leg Assy, Left (82-3/4"X4")	4,000/72X96"
10	1	796-720	Leg Assy, Left (82-3/4"X4-1/2")	5,&6,000/72X96"
11	1	796-289	Leg Ass'y, Right (82-3/4"X4")	4,000/72X96"
11	1	796-721	Leg Ass'y, Right (82-3/4"X4-1/2")	5,&6,000/72X96"
12	2	013-082	Cotter Pin 1/4" X 2"	4,5,&6,000/72X96"
13	4	012-216	Washer, Flat Plain 1-5/16" Bolt Size	4,5,&6,000/72X96"
14	4	105-882	Washer, Spacer (1-3/4" Dia)	4,5,&6,000/72X96"
15	2	018-025	Bushing 1-1/4" X 3/4lg	4,5,&6,000/72X96"
16	2	105-225	Roller C/W Bushing 018-051	4,5,&6,000/72X96"
17	2	106-389	Washer, 1-3/4"ODx1"IDx 1/16"Thk	4,5,&6,000/72X96"
18	2	107-038	Washer	4,5,&6,000/72X96"
19	2	010-037	Capscrew, Hex Hd. 5/16"-18 X 3/4"	4,5,&6,000/72X96"
20	2	013-005	Spring Pin 5/32"X1"Lg	4,5,&6,000/72X96"

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11.1.2 Cylinder Assembly - 4, 5, & 6,000 lb. Cap. - 72x96" Deck Length

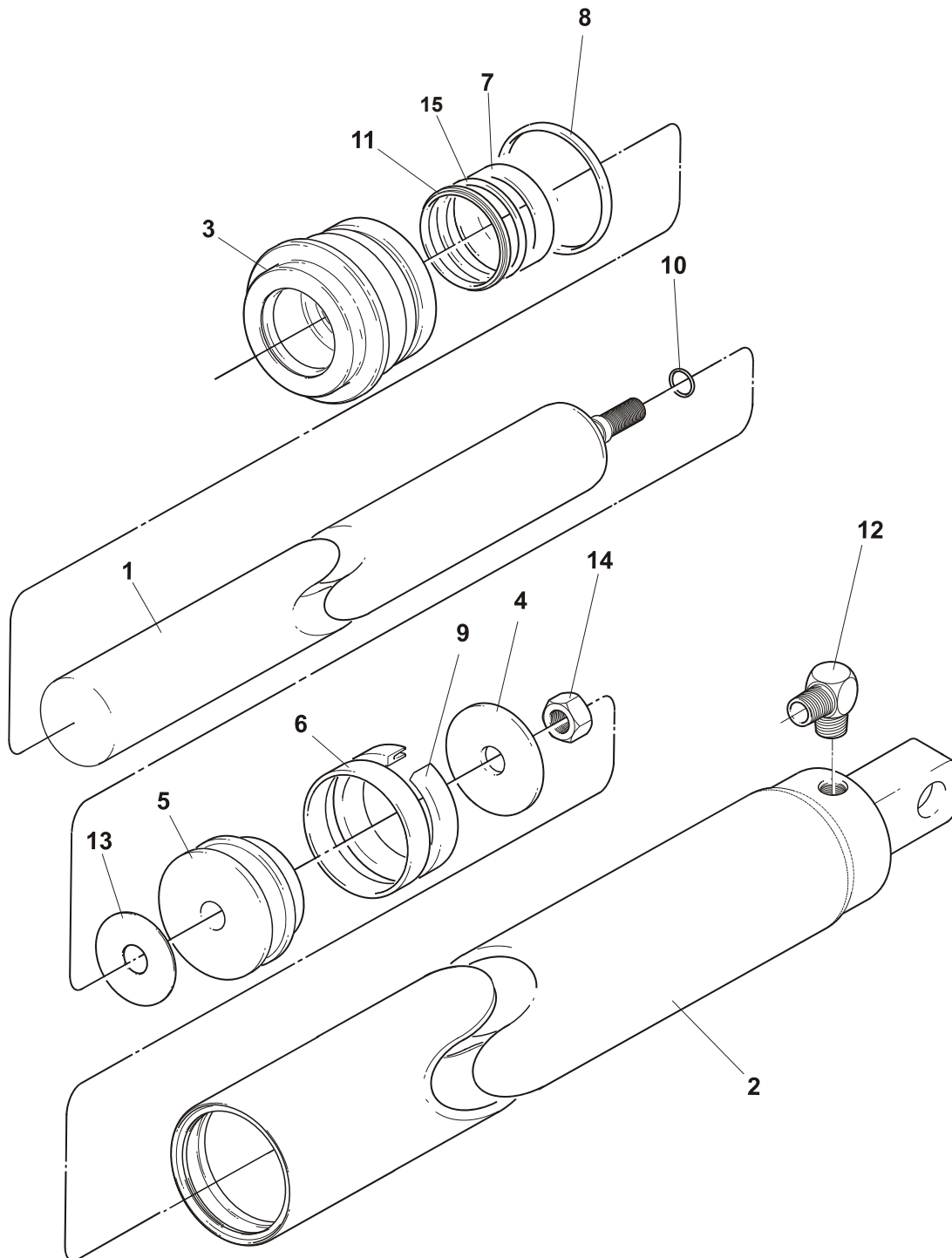


Figure 56 : Cylinder Assembly - 4, 5, & 6,000 lb. Cap. - 96" Deck Length

Cylinder Assembly - 4, 5, & 6,000 lb. Cap. - 72x96" Deck Length

Item	Qty	Part No	General Description	Specific Description
-	-	786-720	Cylinder Ass'y (Left) [2-1/2"Dia]	4,&5,000/72X96"
-	-	786-657	Cylinder Ass'y (Left) [3"Dia]	6,000/72X96"
-	-	786-721	Cylinder Ass'y (Right)[2-1/2"Dia]	4,&5,000/72X96"
-	-	786-658	Cylinder Ass'y (Right)[3"Dia]	6,000/72X96"
1	1	118-386	Ram - Semi Portable Table	4,5,&6,000/72X96"
2	1	783-539	Housing Weldment (Left) [2-1/2"Dia]	4,&5,000/72X96"
2	1	783-533	Housing Weldment (Right) [2-1/2"Dia]	4,&5,000/72X96"
2	1	783-537	Housing Weldment (Left) [3"Dia]	6,000/72X96"
2	1	783-532	Housing Weldment (Right) [3"Dia]	6,000/72X96"
3	1	118-387	Headnut, 2-1/2" Dia Cyl (1-1/2" Dia Rd)	4,&5,000/72X96"
3	1	118-389	Headnut, 3" Dia Cyl (1-1/2" Dia Rd)	6,000/72X96"
4	1	114-977	Washer, Piston (2-1/2" Dia)	4,&5,000/72X96"
4	1	114-978	Washer, Piston (3" Dia)	6,000/72X96"
5	1	113-522	Piston Use 113-629 Washer 2-1/2" Dia	4,&5,000/72X96"
5	1	114-640	Piston 3" Dia Cyl.	6,000/72X96"
6●	1	036-153	Wear Ring - 2-1/2" Wide Piston	4,&5,000/72X96"
6●	1	036-154	Wear Ring - 3" Wide Piston	6,000/72X96"
7●	1	036-143	Rod Wear Ring	4,5,&6,000/72X96"
8●	1	036-133	O-Ring, 2-1/2"ODx2-1/4"ID	4,&5,000/72X96"
8●	1	036-132	O-Ring, 3"ODx2-1/4"ID	6,000/72X96"
9●	1	036-119	U-Cup, Seal 1.875" X 2.5" X .5"	4,&5,000/72X96"
9●	1	036-112	U-Cup, Seal - 3" X 2-3/8" X 1/2"	6,000/72X96"
10●	1	036-108	O-Ring, 3/4"OD X 5/8"ID X 1/16"	4,5,&6,000/72X96"
11●	1	036-098	Wiper, 1-3/4ODx1-1/2	4,5,&6,000/72X96"
12	1	034-500	Fitting, 2103-6-6	4,5,&6,000/72X96"
13●	1	118-368	Gasket, 2" Dia Cyl	4,&5,000/72X96"
13●	1	117-993	Gasket	6,000/72X96"
14	1	011-530	Nut, Hex Jam, 3/4"-10	4,5,&6,000/72X96"
15●	1	036-180	O-Ring (Reciprocating)	4,5,&6,000/72X96"
-	-	783-536	Kit, Seal - Includes Items marked (●)	4,&5,000/72X96"
-	-	783-538	Kit, Seal - Includes Items marked (●)	6,000/72X96"

11.1.3 Crosshead Assembly - 4, 5, & 6,000 lb. Cap. - 72x96" Deck Length

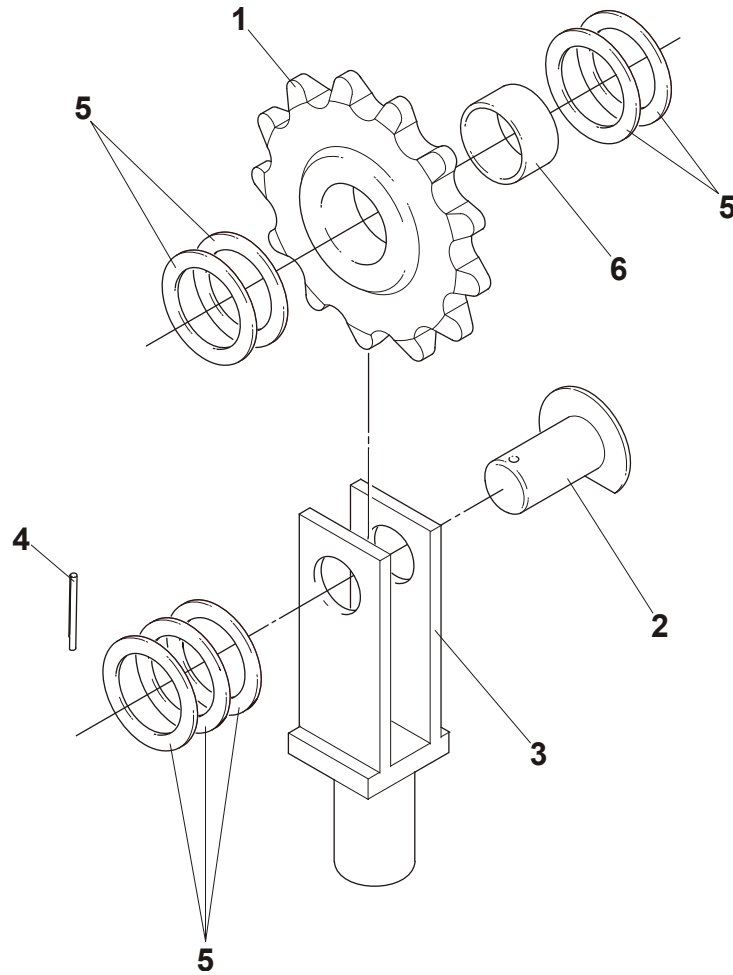


Figure 57 : Crosshead Assembly - 4, & 5,000 lb. Cap. - 72x96" Deck Length

Crosshead Assembly - 4, 5, & 6,000 lb. Cap. - 72x96" Deck Length

Item	Qty	Part No	General Description	Specific Description
-	-	797-459	Crosshead Assembly (3"X3")	4,5,&6,000/72X96"
1	1	105-645	Sprocket (Ramtop) Assembly	4,5,&6,000/72X96"
2	1	797-451	Pin Assembly (3"X1-1/4")	4,5,&6,000/72X96"
3	1	797-504	Crosshead Weldment (1-1/2"Ram)	4,5,&6,000/72X96"
4	1	013-012	Spring Pin - 1/4" X 2"	4,5,&6,000/72X96"
5	8	105-882	Washer-Spacer - (1-3/4" Dia)	4,5,&6,000/72X96"
6	1	018-027	Bushing	4,5,&6,000/72X96"

11.2 General Assembly - 4, & 5,000 lb. Cap. - 72x120" Deck Length

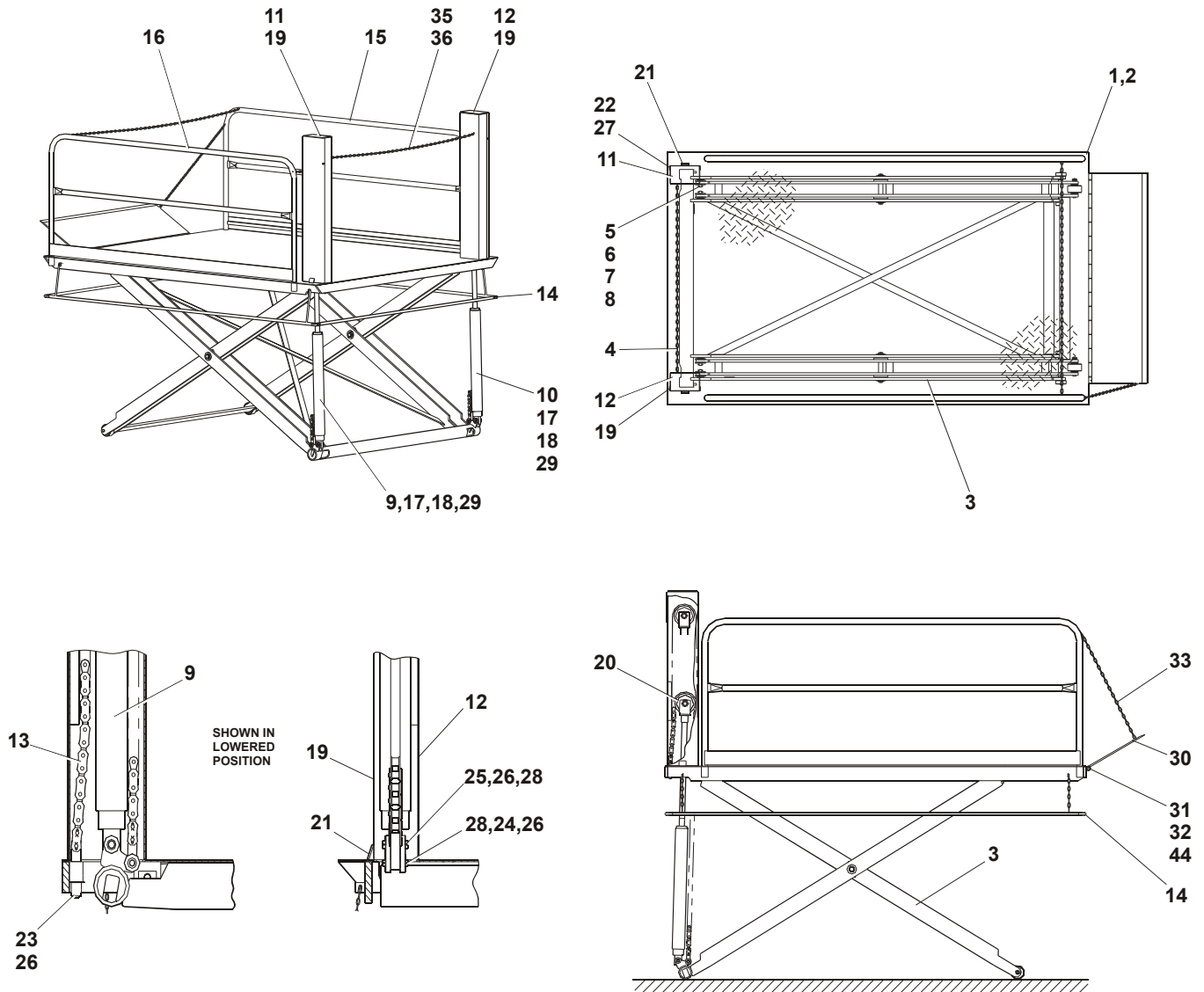


Figure 58 : General Assembly - 4, & 5,000 lb. - 72x120" Deck Length

Item	Qty	Part No	General Description	Specific Description
			Semi-Portable Elevating Dock	REF. DWG. - 796-086
1*	1	796-090	Deck & Leg Ass'y (72"X120")	4,000/72X120"
1*	1	796-089	Deck & Leg Ass'y (72"X120")	5,000/72X120"
2	1	796-091	Deck Assembly (72"X120")	4,& 5,000/72X120"
3**	2	796-114	Leg Assembly (109-3/4"X4-1/2")	4,000/72X120"
3**	2	796-111	Leg Assembly (109-3/4"X4-1/2")	5,000/72X120"
4	1	796-781	Torque Bar Ass'y (62-1/2")	4,& 5,000/72X120"
5	4	797-445	Pin Weldment (2-1/8"Lg)	4,& 5,000/72X120"
6	4	013-012	Spring Pin 1/4" X 2"	4,& 5,000/72X120"
7	12	012-214	Washer, Flat Plain - 3/4" Bs	4,& 5,000/72X120"
8	4	018-001	Bushing - 3/4" Lg	4,000/72X120"
8	4	018-010	Bushing - 1" Lg	5,000/72X120"
9**	1	786-720	Cylinder Ass'y (Left) [2-1/2"Dia]	4,& 5,000/72X120"
10**	1	786-721	Cylinder Ass'y (Right)[2-1/2"Dia]	4,& 5,000/72X120"
11	1	797-267	Post, Cylinder Weld (Left)	4,& 5,000/72X120"
12	1	797-248	Post, Cylinder Weld (Right)	4,& 5,000/72X120"
13	2	794-833	Chain Assembly (93-3/4"Lg)	4,& 5,000/72X120"
14	1	302-5000-72120	Bar, Safety Indicator	4,& 5,000/72X120"
15	1	312-5080-6	Guard Rail, Right Side 120"Deck	4,& 5,000/72X120"
16	1	312-5081-6	Guard Rail, Left Side 120"Deck	4,& 5,000/72X120"
17	2	034-599	Fitting Elbow Forged #6MP-4MP-90	4,& 5,000/72X120"
18	2	033-661	Velocity Fuse - 5 Gpm	4,& 5,000/72X120"
19	2	103-806	Cover, Post (49-1/2"X8-5/8"Id)	4,& 5,000/72X120"
20**	2	797-459	Crosshead Assembly (3"X3")	4,& 5,000/72X120"
21	2	103-744	Spacer	4,& 5,000/72X120"
22	4	012-202	Washer, Lock - 1/4" Helical	4,& 5,000/72X120"
23	2	011-535	Nut, Hex - 3/4"-10 Nylon Insert	4,& 5,000/72X120"
24	2	103-214	Pin, Chain Link Block	4,& 5,000/72X120"
25	2	103-215	Pin, Cylinder Pivot	4,& 5,000/72X120"
26	10	105-879	Washer - 3/4" X 1-3/16" X 1/16"	4,& 5,000/72X120"
27	4	010-072	Capscrew, Hex Hd. - 1/4-20 X 1/2"	4,& 5,000/72X120"
28	8	013-024	Cotter Pin-5/32" X 1-1/4"	4,& 5,000/72X120"
29	2	034-044	Fitting, 6-6	4,& 5,000/72X120"
30	1	302-5002	Lip Assy,60"(18"Lg,4&5#)1pc Lp	4,& 5,000/72X120"
31	1	121-616-1	Bar For Lip Hinge (60"Lg)	4,& 5,000/72X120"
32	1	013-005	Spring Pin 5/32"X1"Lg	4,& 5,000/72X120"
33	1	013-008	Spring Pin 3/16"X2"Lg	4,& 5,000/72X120"
34	1	091-023-0600	Chain (60"Lg) 3/16"	4,& 5,000/72X120"
35	1	091-023-0660	Chain (3/16"Galvanized) (66"Lg)	4,000/72X120"
35	2	091-036-0580	Chain (1/8"Galvanized) (58"Lg)	5,000/72X120"
36	2	R3-19203	Hook Snap 4"Lg	4,& 5,000/72X120"
37	1	797-640	Cradle Plate Assy R.H,	4,& 5,000/72X120"
38	1	796-926	Cradle Plate Assy L.H. (Ed)	4,& 5,000/72X120"
39	2	105-487	Wear Plate	4,& 5,000/72X120"
40	1	797-125	Hose Ass'y #6 Hose (12"Lg)	4,& 5,000/72X120"
41	1	320-5002	Hose Assy, #6 Hp 43"Lg (Str.- 45°)	4,& 5,000/72X120"
42	1	300-5000-38	Hose, #6 Hp(144"Lg) Str. Swivel(2)	4,& 5,000/72X120"
43	2GA	039-066	Paint, Blue (Fast Dry Enamel)	4,& 5,000/72X120"
44	2	120-353	Spring, Torsion	4,& 5,000/72X120"

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11.2.1 Leg Assembly - 4, & 5,000 lb. Cap. - 72x120" Deck

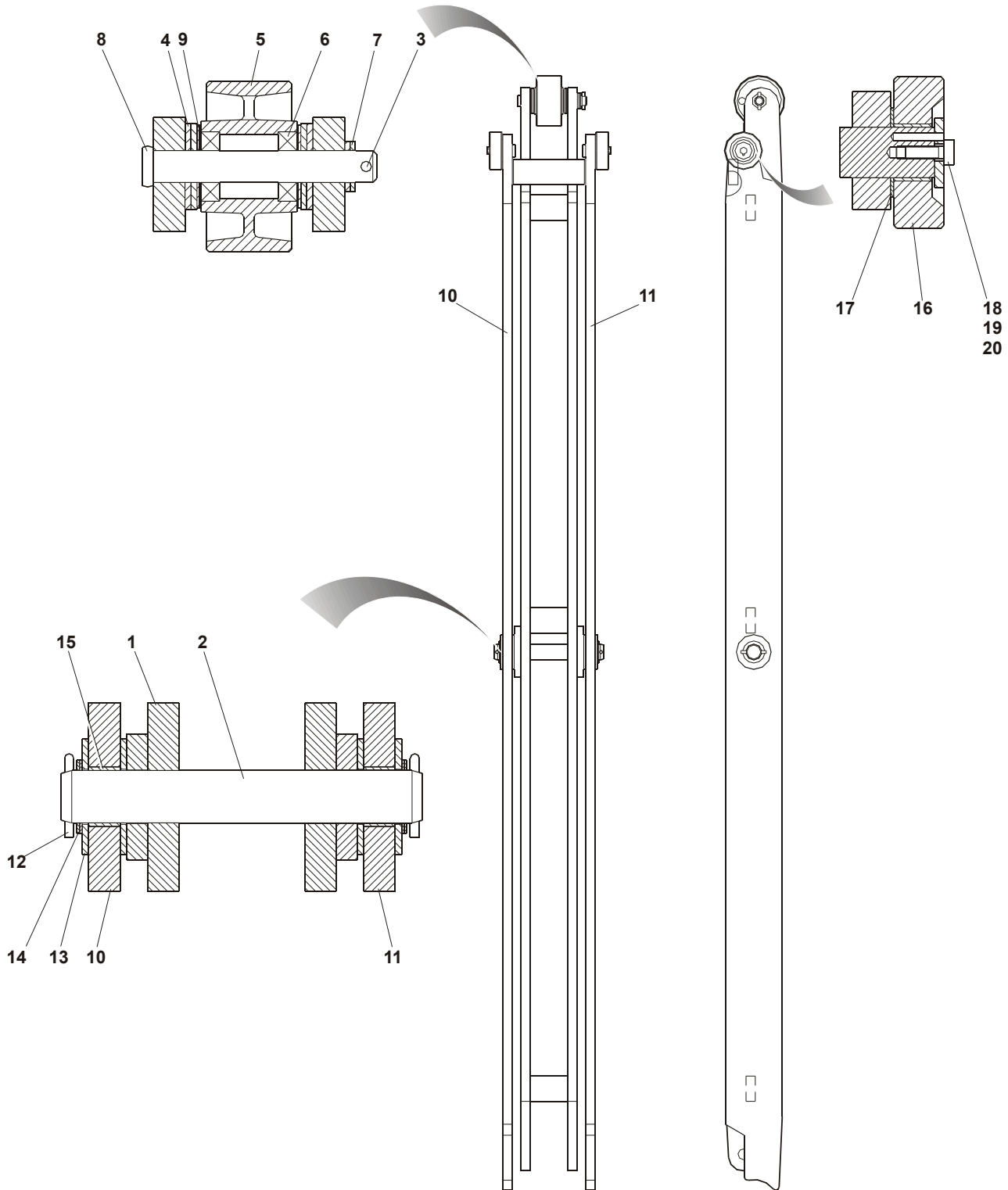


Figure 59 : Leg Assembly - 4, & 5,000 lb. Cap. - 72x120" Deck Length

Item	Qty	Part No	General Description	Specific Description
-	-	796-114	Leg Assembly (109-3/4"X4-1/2")	4,000/72X120"
-	-	796-111	Leg Assembly (109-3/4"X5")	5,000/72X120"
1*	1	796-106	Leg Assy, Inner 109-3/4"X4-1/2"	4,000/72X120"
1*	1	796-105	Leg Assy, Inner 109-3/4"X5"	5,000/72X120"
2	1	103-935	Pin, Centre (8-5/8"X1-1/4"Dia)	4,000/72X120"
2	1	103-934	Pin, Centre 1" THK. Legs	5,000/72X120"
3	1	013-011	Spring Pin 1/4" X 1-3/8"	4,& 5,000/72X120"
4	4	012-214	Washer, Flat - 3/4" Bs	4,& 5,000/72X120"
5	1	100-103	Wheel Cast Steel (4"X2")	4,& 5,000/72X120"
6	2	018-500	Bearing, 3/4"X1-5/8"X7/16"	4,& 5,000/72X120"
7	2	105-880	Washer Spacer- 3/4"x1-3/16"x1/8"	4,& 5,000/72X120"
8	1	106-170	Axle, Load Roller (5-1/4"Lg)	4,000/72X120"
8	1	313-0015	Axle, Load Roller (5-3/4"x3/4")	5,000/72X120"
9	2	105-879	Washer, 3/4" X 1-3/16" X 1/16"	4,& 5,000/72X120"
10	1	796-107	Leg Assy, Left (106-3/4"X4-1/2")	4,000/72X120"
10	1	796-104	Leg Assy, Left (106-3/4"X4-1/2")	5,000/72X120"
11	1	796-108	Leg Ass'y, Right (106-3/4"X4-1/2")	4,000/72X120"
11	1	796-103	Leg Ass'y, Right (106-3/4"X4-1/2")	5,000/72X120"
12	2	013-082	Cotter Pin 1/4" X 2"	4,& 5,000/72X120"
13	4	012-216	Washer, Flat Plain 1-5/16" Bolt Size	4,& 5,000/72X120"
14	4	105-882	Washer, Spacer (1-3/4" Dia)	4,& 5,000/72X120"
15	2	018-025	Bushing 1-1/4" X 3/4lg	4,& 5,000/72X120"
16	2	105-225	Roller C/W Bushing 018-051	4,& 5,000/72X120"
17	2	106-389	Washer, Spc. 1-3/4"ODx1"IDx1/16"T	4,& 5,000/72X120"
18	2	107-038	Washer	4,& 5,000/72X120"
19	2	010-037	Capscrew, Hex Hd. 5/16"-18 X 3/4"	4,& 5,000/72X120"
20	2	013-005	Spring Pin 5/32"X1"Lg	4,& 5,000/72X120"

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11.2.2 Cylinder Assembly - 4, & 5,000 lb. Cap. - 72x120" Deck

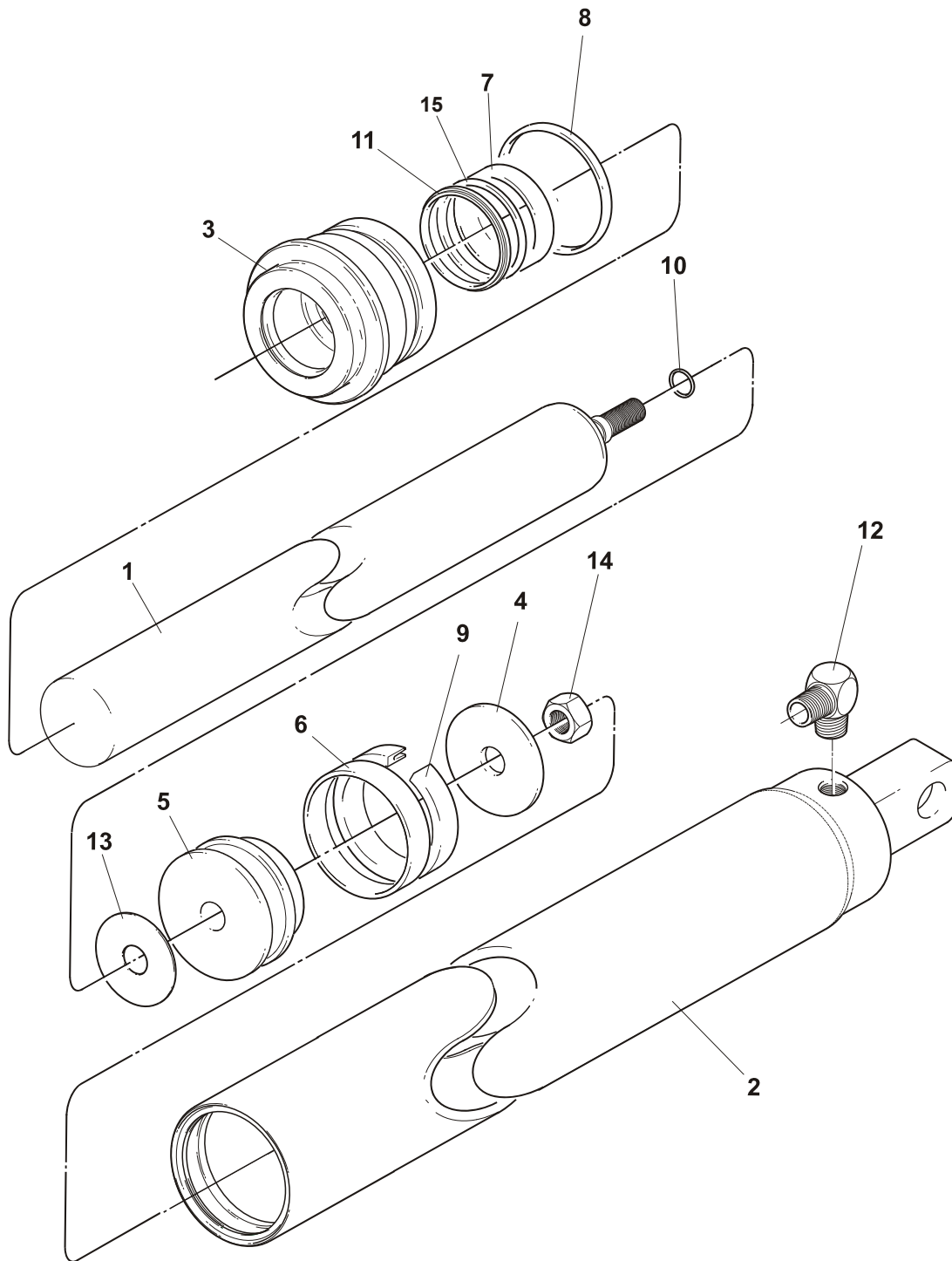


Figure 60 : Cylinder Assembly - 4, & 5,000 lb. Cap. - 72x120" Deck

Cylinder Assembly - 4, & 5,000 lb. Cap. - 72x120" Deck

Item	Qty	Part No	General Description	Specific Description
-	-	786-720	Cylinder Ass'y (Left) [2-1/2"Dia]	4,5S72X120
-	-	786-721	Cylinder Ass'y (Right)[2-1/2"Dia]	4,5S72X120
1	1	118-386	Ram - Semi Portable Table	4,5S72X120
2	1	783-539	Housing Weldment (Left) [2-1/2"Dia]	4,5S72X120
2	1	783-533	Housing Weldment (Right) [2-1/2"Dia]	4,5S72X120
3	1	118-387	Headnut, 2-1/2" Dia Cyl (1-1/2" Dia Rd)	4,5S72X120
4	1	114-977	Washer, Piston (2-1/2" Dia)	4,5S72X120
5	1	113-522	Piston Use 113-629 Washer 2-1/2" Dia	4,5S72X120
6●	1	036-153	Wear Ring - 2-1/2" Wide Piston	4,5S72X120
7●	1	036-143	Rod Wear Ring	4,5S72X120
8●	1	036-133	O-Ring, 2-1/2"ODx2-1/4"ID	4,5S72X120
9●	1	036-119	U-Cup, Seal 1.875" x 2.5" x .5"	4,5S72X120
10●	1	036-108	O-Ring, 3/4"Od x 5/8"ID x 1/16"	4,5S72X120
11●	1	036-098	Wiper, 1-3/4ODx1-1/2	4,5S72X120
12	1	034-500	Fitting, 2103-6-6	4S72X120
13●	1	118-368	Gasket, 2" Dia Cyl	4,5S72X120
14	1	011-530	Nut, Hex Jam, 3/4"-10	4,5S72X120
15●	1	036-180	O-Ring (Reciprocating)	4,5S72X120
-	-	783-536	Kit, Seal - Includes Items marked (●)	4,5S72X120

11.2.3 Crosshead Assembly - 4, & 5,000 lb. Cap. - 72x120" Deck

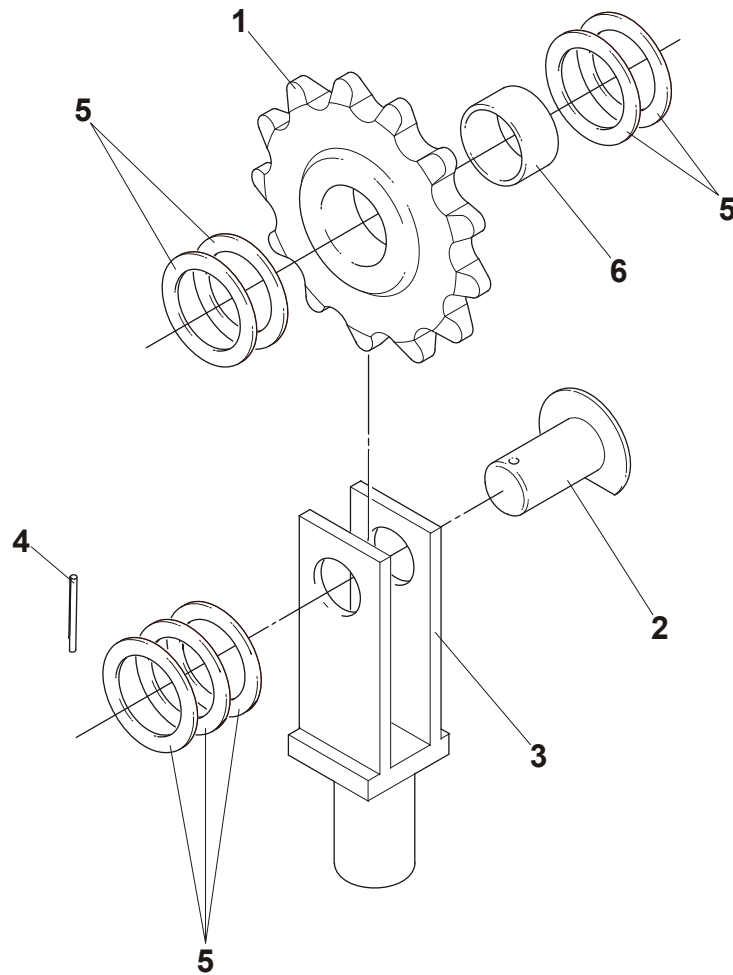


Figure 61 : Crosshead Assembly - 4, & 5,000 lb. Cap. - 72x120" Deck Length

Cylinder Assembly - 4, & 5,000 lb. Cap. - 72x120" Deck

Item	Qty	Part No	General Description	Specific Description
-	-	797-459	Crosshead Assembly (3"X3")	4,5S72X120
1	1	105-645	Sprocket (Ramtop) Assembly	4,5S72X120
2	1	797-451	Pin Assembly (3"X1-1/4")	4,5S72X120
3	1	797-504	Crosshead Weldment (1-1/2"Ram)	4,5S72X120
4	1	013-012	Spring Pin - 1/4" X 2"	4,5S72X120
5	8	105-882	Washer-Spacer - (1-3/4" Dia)	4,5S72X120
6	1	018-027	Bushing	4,5S72X120

11.3 General Assembly - 4, & 5,000 lb. Cap. - 84x96" Deck

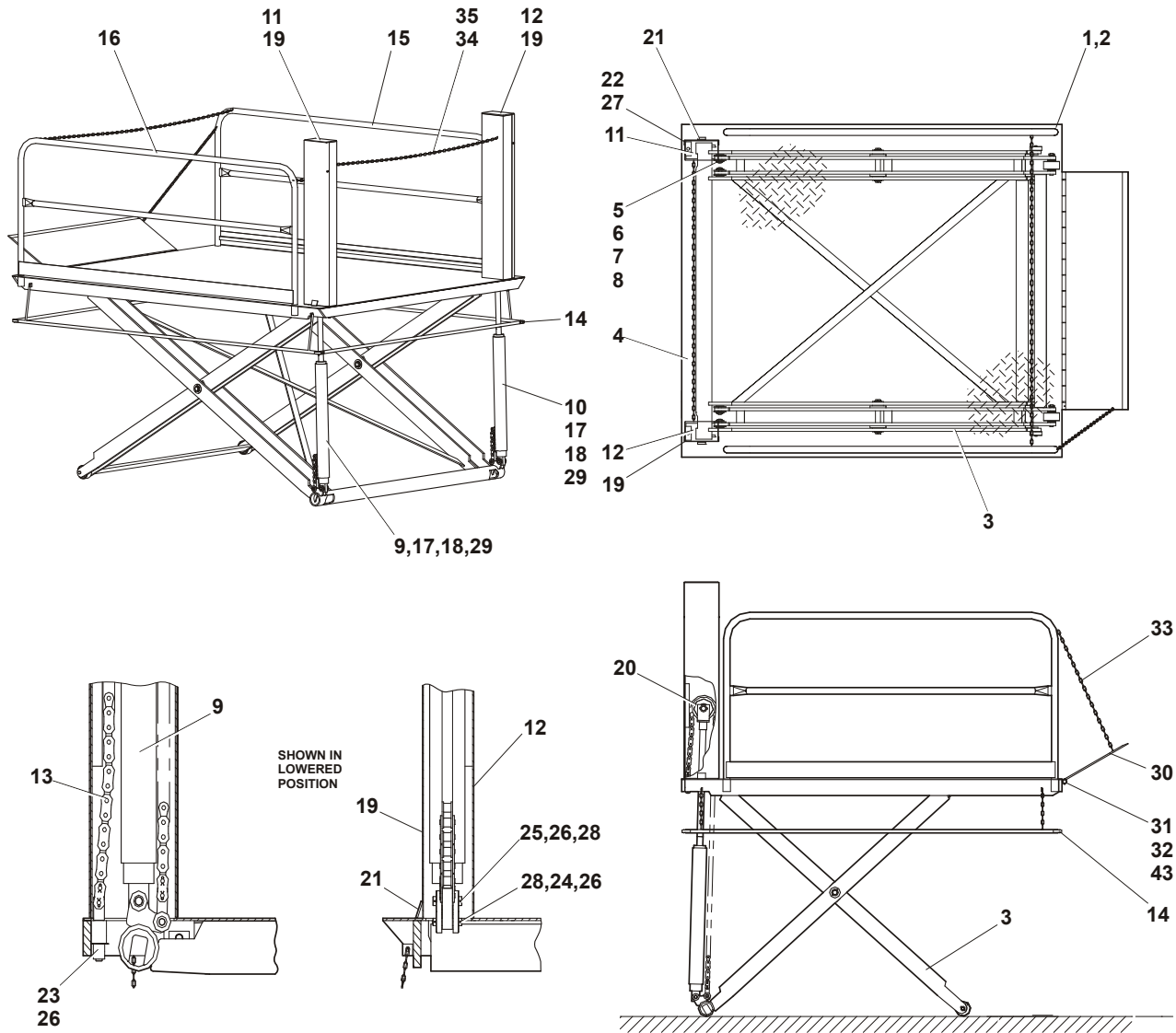


Figure 62 : 4, & 5,000 lb. Cap. - 84x96" Deck Length

General Assembly - 4, & 5,000 lb. Cap. - 84x96" Deck

Item	Qty	Part No	General Description	Specific Description
			Semi-Portable Elevating Dock	REF. DWG - 796-094
1*	1	796-098	Deck & Leg Ass'y (84"X96")	4,000/84X96"
1*	1	796-096	Deck & Leg Ass'y (84"X96")	5,000/84X96"
2	1	796-097	Deck Assembly (84"X96")	4,85,000/84X96"
3**	2	796-292	Leg Assembly (85-3/4"X4")	4,000/84X96"
3**	2	796-718	Leg Assembly (109-3/4"X4-1/2")	5,000/84X96"
4	1	796-780	Torque Bar Assy (74-1/2"LG)	4,85,000/84X96"
5	4	797-445	Pin Weldment (2-1/8"Lg)	4,85,000/84X96"
6	4	013-012	Spring Pin 1/4" X 2"	4,85,000/84X96"
7	12	012-214	Washer, Flat Plain - 3/4" BS	4,85,000/84X96"
8	4	018-001	Bushing - 3/4" Lg	4,85,000/84X96"
9**	1	786-720	Cylinder Ass'y (Left) [2-1/2"Dia]	4,85,000/84X96"
10**	1	786-721	Cylinder Ass'y (Right)[2-1/2"Dia]	4,85,000/84X96"
11	1	797-267	Post, Cylinder Weld (Left)	4,85,000/84X96"
12	1	797-248	Post, Cylinder Weld (Right)	4,85,000/84X96"
13	2	796-946	Chain Assembly (93-3/4"Lg)	4,85,000/84X96"
14	1	302-5000-8496	Bar, Safety Indicator	4,85,000/84X96"
15	1	312-5080-4	Guard Rail, Right Side 96"Deck	4,85,000/84X96"
16	1	312-5081-4	Guard Rail, Left Side 96"Deck	4,85,000/84X96"
17	2	034-599	Fitting Elbow Forged #6MP-4MP-90°	4,85,000/84X96"
18	2	033-661	Velocity Fuse - 5 GPM	4,85,000/84X96"
19	2	103-806	Cover, Post (49-1/2"X8-5/8"ID)	4,85,000/84X96"
20**	2	797-459	Crosshead Assembly (3"X3")	4,85,000/84X96"
21	2	103-744	Spacer	4,85,000/84X96"
22	4	012-202	Washer, Lock - 1/4" Helical	4,85,000/84X96"
23	2	011-535	Nut, Hex - 3/4"-10 Nylon Insert	4,85,000/84X96"
24	2	103-214	Pin, Chain Link Block	4,85,000/84X96"
25	2	103-215	Pin, Cylinder Pivot	4,85,000/84X96"
26	10	105-879	Washer - 3/4" X 1-3/16" X 1/16"	4,85,000/84X96"
27	4	010-072	Capscrew, Hex Hd. - 1/4-20 X 1/2"	4,85,000/84X96"
28	8	013-024	Cotter Pin-5/32" X 1-1/4"	4,85,000/84X96"
29	2	034-044	Fitting, 6-6	4,85,000/84X96"
30	1	302-5002	Lip Assy,60"(18"Lg,4&5#)1pc Lp	4,85,000/84X96"
31	1	121-616-1	Bar For Lip Hinge (60"Lg)	4,85,000/84X96"
32	1	013-005	Spring Pin 5/32"X1"Lg	4,85,000/84X96"
33	1	091-023-0600	Chain (60"Lg) 3/16"	4,85,000/84X96"
34	1	091-023-0700	Chain (1/8"Galvanized) (70"Lg)	4,85,000/84X96"
35	2	R3-19203	Hook Snap 4"Lg	4,85,000/84X96"
36	1	797-640	Cradle Plate Assy R.H,	4,85,000/84X96"
37	1	796-926	Cradle Plate Assy L.H.	4,85,000/84X96"
38	2	105-487	Wear Plate	4,85,000/84X96"
39	1	797-125	Hose Ass'y #6 Hose (12"Lg)	4,85,000/84X96"
40	1	320-5003	Hose Assy, #6 HP 43"Lg (Str.- 45°)	4,85,000/84X96"
41	1	300-5000-38	Hose, #6 HP(144"Lg) Str. Swivel(2)	4,85,000/84X96"
42	2GA	039-066	Paint, Blue (Fast Dry Enamel)	4,85,000/84X96"
43	2	120-353	Spring, Torsion	4,85,000/84X96"

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11.3.1 Leg Assembly - 4, & 5,000 lb. Cap. - 84x96" Deck

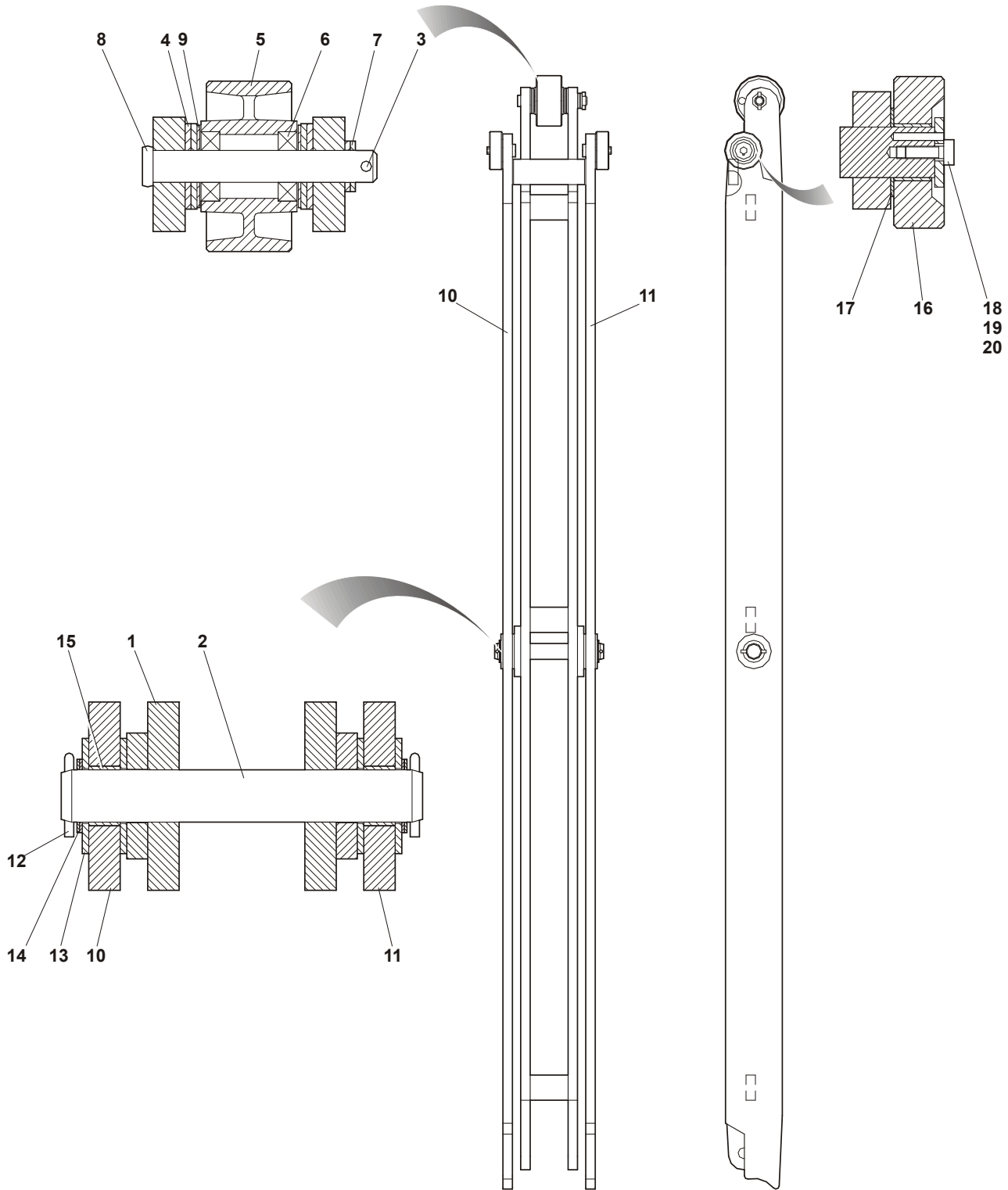


Figure 63 : Leg Assembly - 4, & 5,000 lb. Cap. - 84x96" Deck Length

Leg Assembly - 4, & 5,000 lb. Cap. - 84x96" Deck

Item	Qty	Part No	General Description	Specific Description
-	-	796-292	Leg Assembly (85-3/4"x4")	4,000/84X96"
-	-	796-718	Leg Assembly (109-3/4"x4-1/2")	5,000/84X96"
1*	1	796-291	Leg Assy, Inner 85-3/4"x4-1/2"	4,000/84X96"
1*	1	796-719	Leg Assy, Inner 82-3/4"x4-1/2"	5,000/84X96"
2	1	103-935	Pin, Centre (8-5/8"x1-1/4"Dia)	4,&5,000/84X96"
3	1	013-011	Spring Pin 1/4" x 1-3/8"	4,&5,000/84X96"
4	4	012-214	Washer, Flat - 3/4" BS	4,&5,000/84X96"
5	1	100-103	Wheel Cast Steel (4"x2")	4,&5,000/84X96"
6	2	018-500	Bearing, 3/4"x1-5/8"x7/16"	4,&5,000/84X96"
7	2	105-880	Washer Spacer- 3/4"x1-3/16"x1/8"	4,&5,000/84X96"
8	1	106-170	Axle, Load Roller (5-1/4"Lg)	4,&5,000/84X96"
9	2	105-879	Washer, 3/4" x 1-3/16" x 1/16"	4,&5,000/84X96"
10	1	796-290	Leg Assy, Left (82-3/4"x4")	4,000/84X96"
10	1	796-720	Leg Assy, Left (82-3/4"x4")	5,000/84X96"
11	1	796-289	Leg Ass'y, Right (82-3/4"x4-1/2")	4,000/84X96"
11	1	796-721	Leg Ass'y, Right (82-3/4"x4-1/2")	5,000/84X96"
12	2	013-082	Cotter Pin 1/4" x 2"	4,&5,000/84X96"
13	4	012-216	Washer, Flat Plain 1-5/16" Bolt Size	4,&5,000/84X96"
14	4	105-882	Washer, Spacer (1-3/4" Dia)	4,&5,000/84X96"
15	2	018-025	Bushing 1-1/4" X 3/4LG	4,&5,000/84X96"
16	2	105-225	Roller C/W Bushing 018-051	4,&5,000/84X96"
17	2	106-389	Washer, Spr 1-3/4"ODx1"IDx1/16"Thk	4,&5,000/84X96"
18	2	107-038	Washer	4,&5,000/84X96"
19	2	010-037	Capscrew, Hex Hd. 5/16"-18 X 3/4"	4,&5,000/84X96"
20	2	013-005	Spring Pin 5/32"x1"LG	4,&5,000/84X96"

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11.3.2 Cylinder Assembly - 4, & 5,000 lb. Cap. - 84x96" Deck

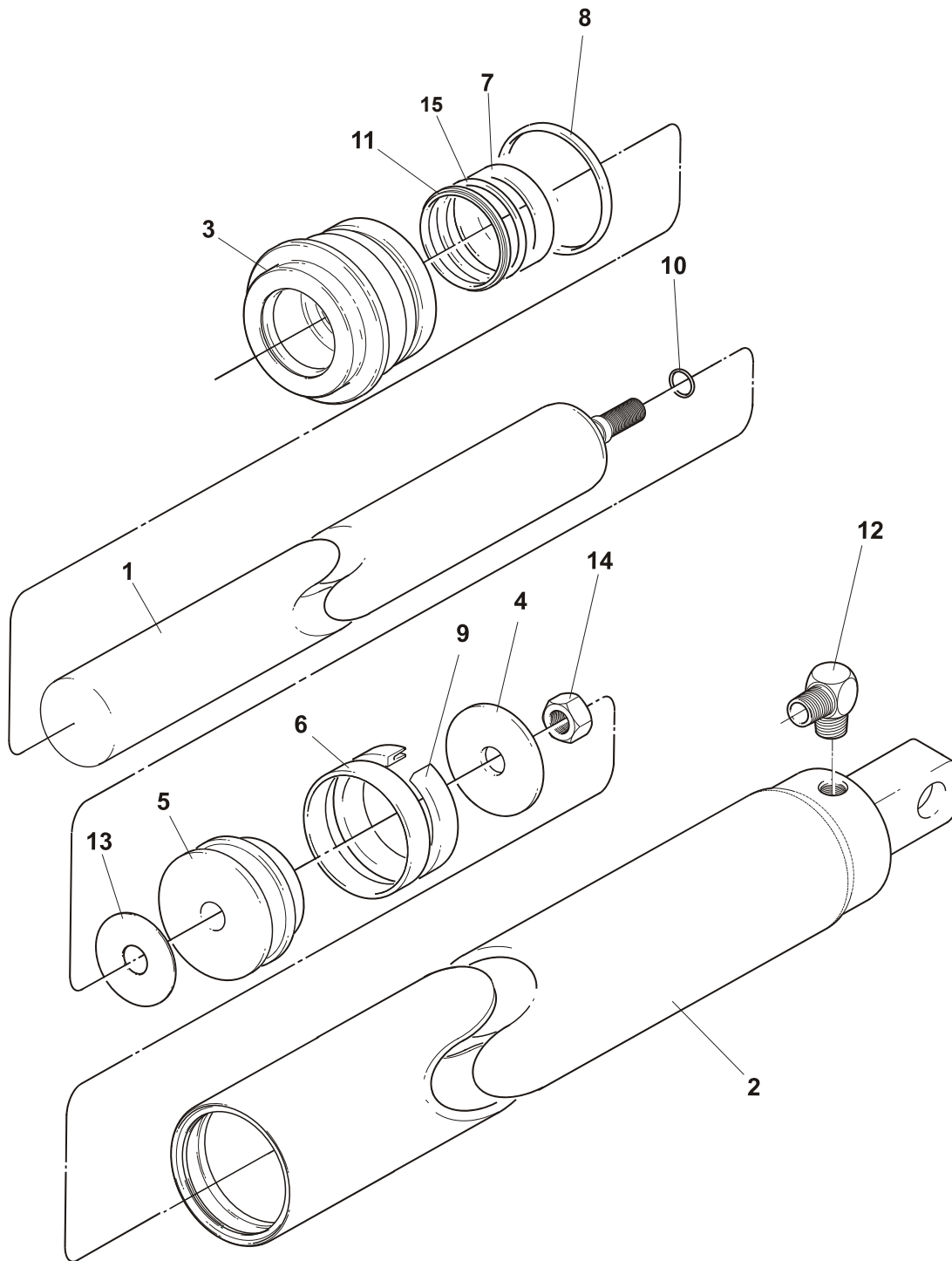


Figure 64 : Cylinder Assembly - 4, & 5,000 lb. Cap. - 84x96" Deck

Cylinder Assembly - 4, & 5,000 lb. Cap. - 84x96" Deck

Item	Qty	Part No	General Description	Specific Description
-	-	786-720	Cylinder Ass'y (Left) [2-1/2"Dia]	4,&5,000/84X96"
-	-	786-721	Cylinder Ass'y (Right)[2-1/2"Dia]	4,&5,000/84X96"
1	1	118-386	Ram - Semi Portable Table	4,&5,000/84X96"
2	1	783-539	Housing Weldment (Left) [2-1/2"Dia]	4,&5,000/84X96"
2	1	783-533	Housing Weldment (Right) [2-1/2"Dia]	4,&5,000/84X96"
3	1	118-387	Headnut, 2-1/2" Dia Cyl (1-1/2" Dia Rd)	4,&5,000/84X96"
4	1	114-977	Washer, Piston (2-1/2" Dia)	4,&5,000/84X96"
5	1	113-522	Piston Use 113-629 Washer 2-1/2" Dia	4,&5,000/84X96"
6●	1	036-153	Wear Ring - 2-1/2" Wide Piston	4,&5,000/84X96"
7●	1	036-143	Rod Wear Ring	4,&5,000/84X96"
8●	1	036-133	O-Ring, 2-1/2"ODx2-1/4"ID	4,&5,000/84X96"
9●	1	036-119	U-Cup, Seal 1.875" x 2.5" x .5"	4,&5,000/84X96"
10●	1	036-108	O-Ring, 3/4"OD x 5/8"ID x 1/16"	4,&5,000/84X96"
11●	1	036-098	Wiper, 1-3/4"ODx1-1/2"	4,&5,000/84X96"
12	1	034-500	Fitting, 2103-6-6	4,&5,000/84X96"
13●	1	118-368	Gasket, 2" Dia Cyl	4,&5,000/84X96"
14	1	011-530	Nut, Hex Jam, 3/4"-10	4,&5,000/84X96"
15●	1	036-180	O-Ring (Reciprocating)	4,&5,000/84X96"
-	-	783-536	Kit, Seal - Includes Items marked (●)	4,&5,000/84X96"

11.3.3 Crosshead Assembly - 4, & 5,000 lb. Cap. - 84x96" Deck

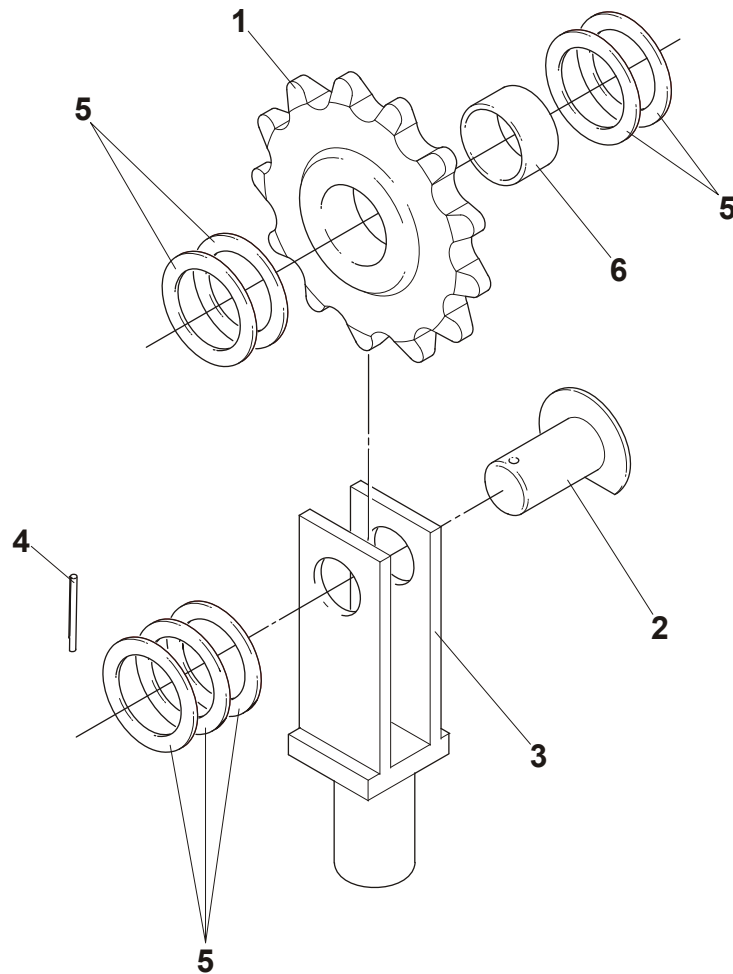


Figure 65 : Crosshead Assembly - 4, & 5,000 lb. Cap. - 84x96" Deck Length

Crosshead Assembly - 4, & 5,000 lb. Cap. - 84x96" Deck

Item	Qty	Part No	General Description	Specific Description
-	-	797-459	Crosshead Assembly (3"X3")	4,&5,000/84X96"
1	1	105-645	Sprocket (Ramtop) Assembly	4,&5,000/84X96"
2	1	797-451	Pin Assembly (3"X1-1/4")	4,&5,000/84X96"
3	1	797-504	Crosshead Weldment (1-1/2"Ram)	4,&5,000/84X96"
4	1	013-012	Spring Pin - 1/4" X 2"	4,&5,000/84X96"
5	8	105-882	Washer-Spacer - (1-3/4" Dia)	4,&5,000/84X96"
6	1	018-027	Bushing	4,&5,000/84X96"

11.4 General Assembly - 4, & 5,000 lb. Cap. - 84x120" Deck

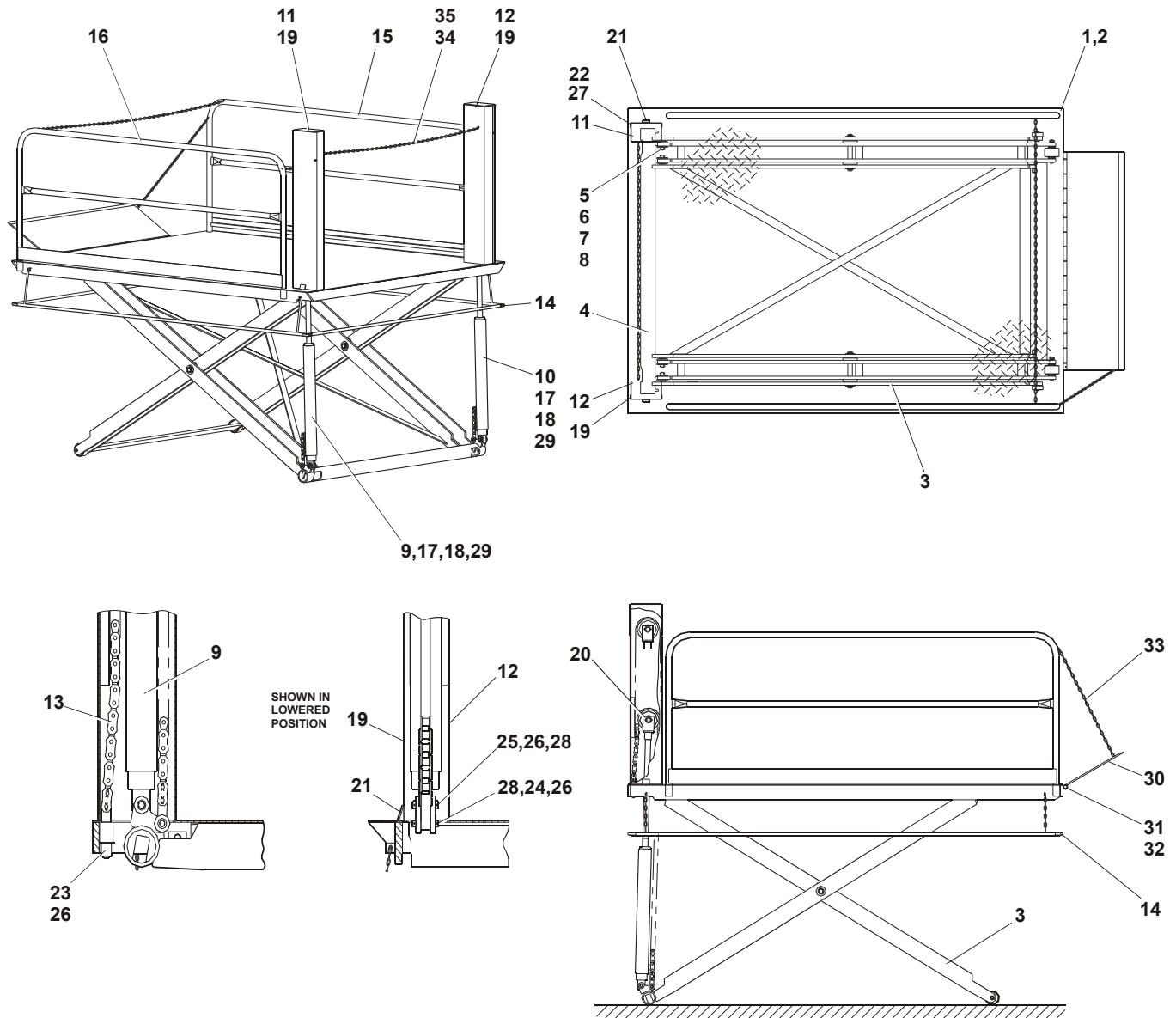


Figure 66 : 4, & 5,000 lb. Cap. - 84x120" Deck Length

General Assembly - 4, & 5,000 lb. Cap. - 84x120" Deck

Item	Qty	Part No	General Description	Specific Description
			Semi-Portable Elevating Dock	REF. DWG. - 796-100
1*	1	796-112	Deck & Leg Ass'y (84"x120")	4,000/84X120"
1*	1	796-109	Deck & Leg Ass'y (84"x120")	5,000/84X120"
2	1	796-113	Deck Assembly (84"x120")	4,& 5,000/84X120"
3*	2	796-114	Leg Assembly (109-3/4"x4-1/2")	4,000/84X120"
3*	2	796-111	Leg Assembly (109-3/4"x4-1/2")	5,000/84X120"
4	1	796-780	Torque Bar	4,& 5,000/84X120"
5	4	797-445	Pin Weldment (2-1/8"Lg)	4,& 5,000/84X120"
6	4	013-012	Spring Pin 1/4" x 2"	4,& 5,000/84X120"
7	12	012-214	Washer, Flat Plain - 3/4" BS	4,& 5,000/84X120"
8	4	018-001	Bushing - 3/4" Lg	4,000/84X120"
8	4	018-010	Bushing - 1" Lg	5,000/84X120"
9**	1	786-720	Cylinder Ass'y (Left) [2-1/2"Dia]	4,000/84X120"
9**	1	786-657	Cylinder Ass'y (Left) [3"Dia]	5,000/84X120"
10**	1	786-721	Cylinder Ass'y (Right)[2-1/2"Dia]	4,000/84X120"
10**	1	786-658	Cylinder Ass'y (Right)[3"Dia]	5,000/84X120"
11	1	797-267	Post, Cylinder Weld (Left)	4,& 5,000/84X120"
12	1	797-248	Post, Cylinder Weld (Right)	4,& 5,000/84X120"
13	2	796-946	Chain Assembly (93-3/4"Lg)	4,& 5,000/84X120"
14	1	302-5000	Bar, Safety Indicator	4,& 5,000/84X120"
15	1	312-5080-6	Guard Rail, Right Side 120"Deck	4,& 5,000/84X120"
16	1	312-5081-6	Guard Rail, Left Side 120"Deck	4,& 5,000/84X120"
17	2	034-599	Fitting Elbow Forged #6MP-4MP-90°	4,& 5,000/84X120"
18	2	033-661	Velocity Fuse - 5 GPM	4,& 5,000/84X120"
19	2	103-806	Cover, Post (49-1/2"x8-5/8"ID)	4,& 5,000/84X120"
20**	2	797-459	Crosshead Assembly (3"x3")	4,& 5,000/84X120"
21	2	103-744	Spacer	4,& 5,000/84X120"
22	4	012-202	Washer, Lock - 1/4" Helical	4,& 5,000/84X120"
23	2	011-535	Nut, Hex - 3/4"-10 Nylon Insert	4,& 5,000/84X120"
24	2	103-214	Pin, Chain Link Block	4,& 5,000/84X120"
25	2	103-215	Pin, Cylinder Pivot	4,& 5,000/84X120"
26	10	105-879	Washer - 3/4" x 1-3/16" x 1/16"	4,& 5,000/84X120"
27	4	010-072	Capscrew, Hex Hd. - 1/4-20 x 1/2"	4,& 5,000/84X120"
28	8	013-024	Cotter Pin-5/32"x1-1/4"	4,& 5,000/84X120"
29	2	034-044	Fitting, 6-6	4,& 5,000/84X120"
30	1	302-5002	Lip Assy,60"(18"Lg,4&5#)1pc Lp	4,& 5,000/84X120"
31	1	121-616-1	Bar For Lip Hinge (60"LG)	4,& 5,000/84X120"
32	1	013-005	Spring Pin 5/32"x1"Lg	4,& 5,000/84X120"
33	1	091-023-0600	Chain (60"LG) 3/16"	4,& 5,000/84X120"
34	1	091-023-0700	Chain 1/8"Galvanized) (70"LG)	4,& 5,000/84X120"
35	2	R3-19203	Hook Snap 4"LG	4,& 5,000/84X120"
36	1	797-640	Cradle Plate Assy R.H,	4,& 5,000/84X120"
37	1	796-926	Cradle Plate Assy L.H. (Ed)	4,& 5,000/84X120"
38	2	105-487	Wear Plate	4,& 5,000/84X120"
39	1	797-125	Hose Ass'y #6 Hose (12"LG)	4,& 5,000/84X120"
40	1	320-5003	Hose Assy, #6 HP 43"Lg (Str.- 45°)	4,& 5,000/84X120"
41	1	300-5000-38	Hose, #6 HP(144"LG) Str. Swivel(2)	4,& 5,000/84X120"
42	2GA	039-066	Paint, Blue (Fast Dry Enamel)	4,& 5,000/84X120"

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11.4.1 Leg Assembly - 4, & 5,000 lb. Cap. - 84x120" Deck

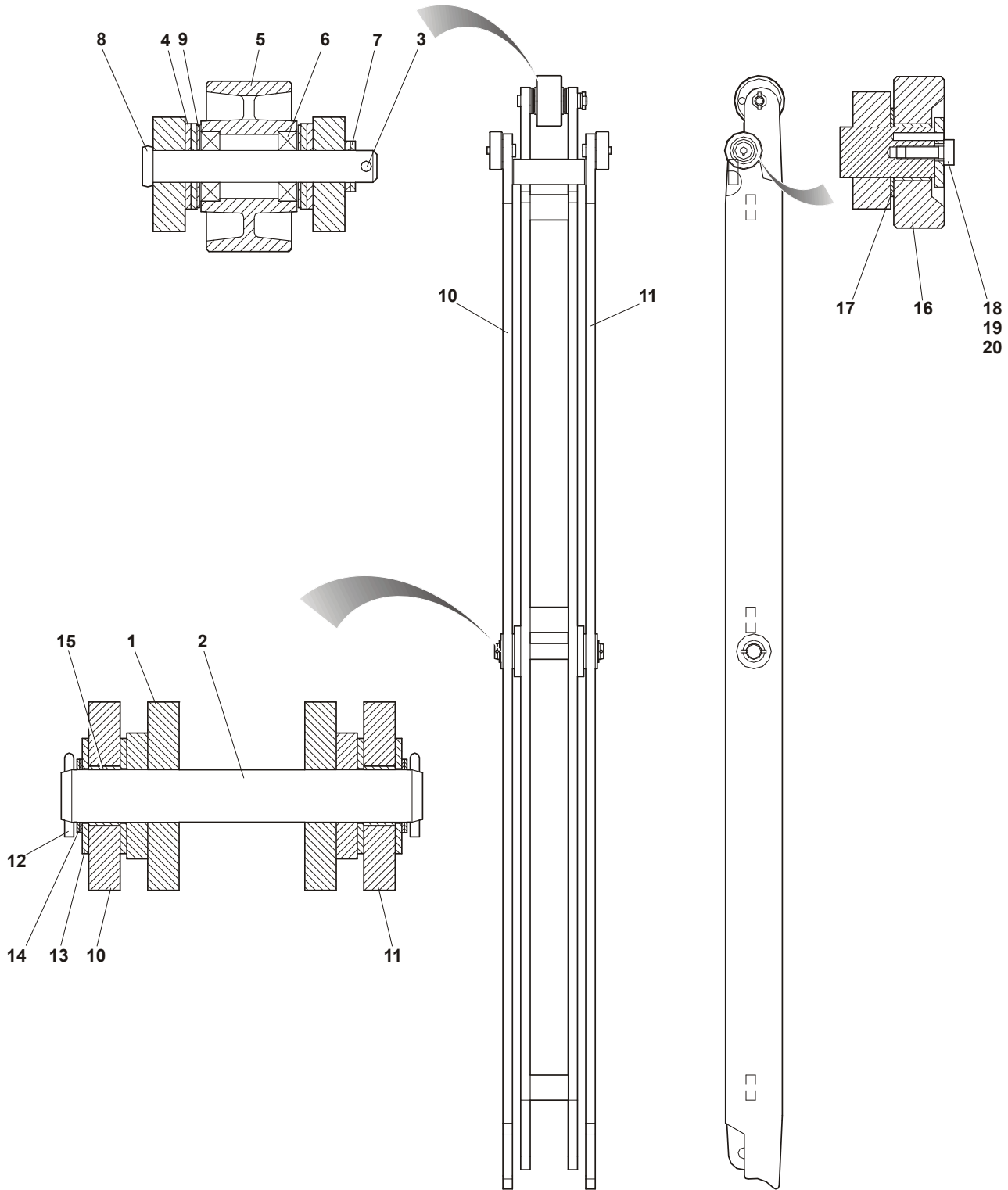


Figure 67 : Leg Assembly - 4, & 5,000 lb. Cap. - 84x120" Deck Length

Leg Assembly - 4, & 5,000 lb. Cap. - 84x120" Deck

Item	Qty	Part No	General Description	Specific Description
-	-	796-114	Leg Assembly (109-3/4"x4-1/2")	4,000/84X120"
-	-	796-111	Leg Assembly (109-3/4"x4-1/2")	5,000/84X120"
1*	1	796-106	Leg Assy, Inner 109-3/4"x4-1/2"	4,000/84X120"
1*	1	796-105	Leg Assy, Inner 109-3/4"x5"	5,000/84X120"
2	1	103-935	Pin, Center (8-5/8"x1-1/4"Dia)	4,000/84X120"
2	1	103-934	Pin, Center	5,000/84X120"
3	1	013-011	Spring Pin 1/4"x1-3/8"	4,& 5,000/84X120"
4	4	012-214	Washer, Flat - 3/4" Bs	4,& 5,000/84X120"
5	1	100-103	Wheel Cast Steel (4"x2")	4,& 5,000/84X120"
6	2	018-500	Bearing, 3/4"x1-5/8"x7/16"	4,& 5,000/84X120"
7	2	105-880	Washer Spacer- 3/4"x1-3/16"x1/8"	4,& 5,000/84X120"
8	1	106-170	Axle, Load Roller (5-1/4"Lg)	4,000/84X120"
8	1	313-0015	Axle, Load Roller 5-3/4"x3/4"	5,000/84X120"
9	2	105-879	Washer, 3/4"x1-3/16"x1/16"	4,& 5,000/84X120"
10	1	796-107	Leg Assy, Left (109-3/4"x4-1/2")	4,000/84X120"
10	1	796-104	Leg Assy, Left (106-3/4"x4-1/2")	5,000/84X120"
11	1	796-108	Leg Ass'y, Right (109-3/4"x4-1/2")	4,000/84X120"
11	1	796-103	Leg Ass'y, Right (106-3/4"x4-1/2")	5,000/84X120"
12	2	013-082	Cotter Pin 1/4" x 2"	4,& 5,000/84X120"
13	4	012-216	Washer, Flat Plain 1-5/16" Bolt Size	4,& 5,000/84X120"
14	4	105-882	Washer, Spacer (1-3/4" Dia)	4,& 5,000/84X120"
15	2	018-025	Bushing 1-1/4" x 3/4lg	4,& 5,000/84X120"
16	2	105-225	Roller C/W Bushing 018-051	4,& 5,000/84X120"
17	2	106-389	Washer,Spr 1-1/4"ODx1"IDx1/16"Thk	4,& 5,000/84X120"
18	2	107-038	Washer	4,& 5,000/84X120"
19	2	010-037	Capscrew, Hex Hd. 5/16"-18 x 3/4"	4,& 5,000/84X120"
20	2	013-005	Spring Pin 5/32"x1"Lg	4,& 5,000/84X120"

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11.4.2 Cylinder Assembly - 4, & 5,000 lb. Cap. - 84x120" Deck

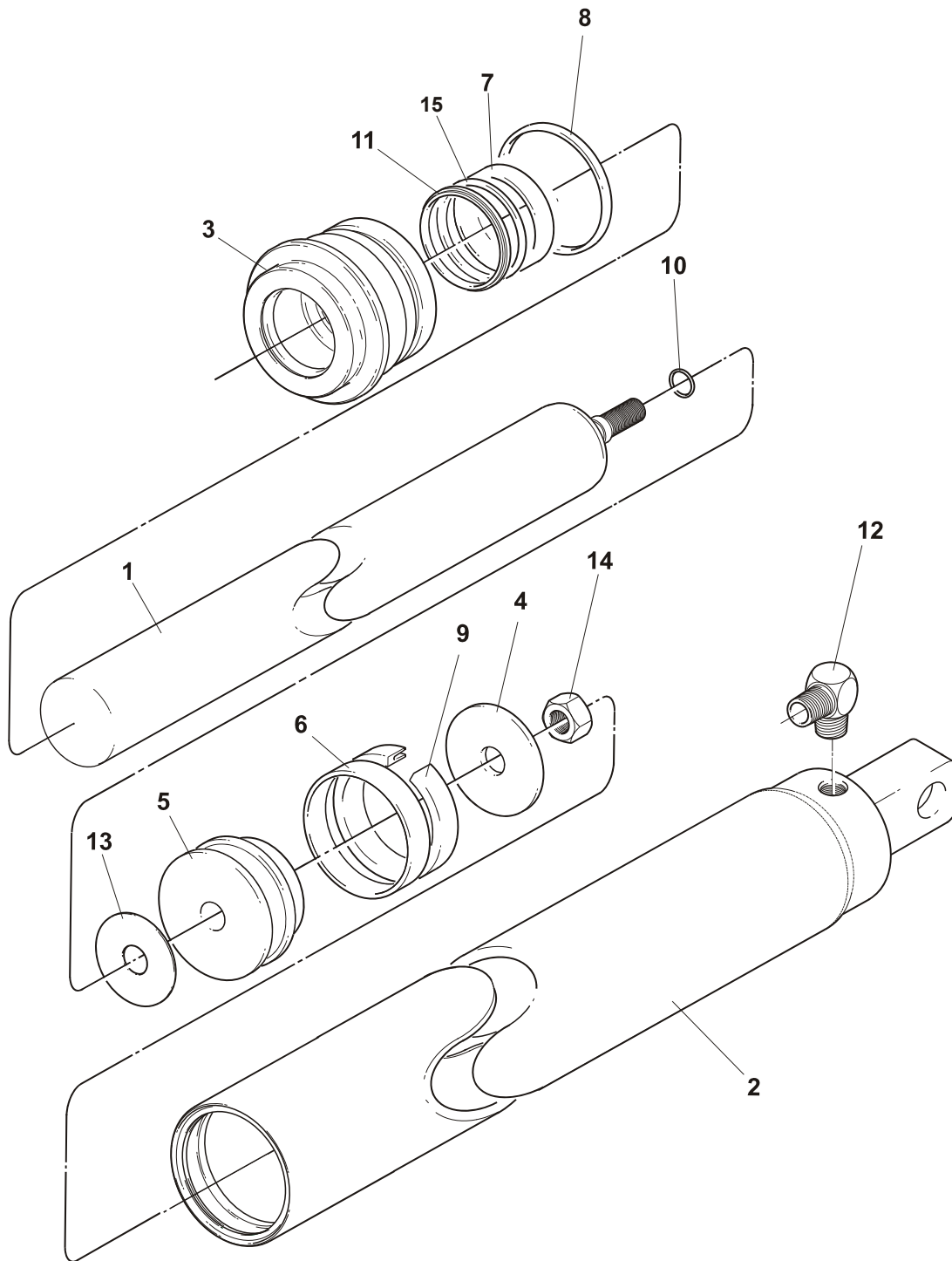


Figure 68 : Cylinder Assembly - 4, & 5,000 lb. Cap. - 84x120" Deck

Cylinder Assembly - 4, & 5,000 lb. Cap. - 84x120" Deck

Item	Qty	Part No	General Description	Specific Description
-	-	786-720	Cylinder Ass'y (Left) [2-1/2"Dia]	4,000/84X120"
-	-	786-657	Cylinder Ass'y (Left) [3"Dia]	5,000/84X120"
-	-	786-721	Cylinder Ass'y (Right)[2-1/2"Dia]	4,000/84X120"
-	-	786-658	Cylinder Ass'y (Right)[3"Dia]	5,000/84X120"
1	1	118-386	Ram - Semi Portable Table	4,& 5,000/84X120"
2	1	783-539	Housing Weldment (Left) [2-1/2"Dia]	4,000/84X120"
2	1	783-533	Housing Weldment (Right) [2-1/2"Dia]	4,000/84X120"
2	1	783-537	Housing Weldment (Left) [3"Dia]	5,000/84X120"
2	1	783-532	Housing Weldment (Right) [3"Dia]	5,000/84X120"
3	1	118-387	Headnut, 2-1/2" Dia Cyl (1-1/2" Dia Rd)	4,000/84X120"
3	1	118-389	Headnut, 3" Dia Cyl (1-1/2" Dia Rd)	5,000/84X120"
4	1	114-977	Washer, Piston (2-1/2" Dia)	4,000/84X120"
4	1	114-978	Washer, Piston (3" Dia)	5,000/84X120"
5	1	113-522	Piston Use 113-629 Washer 2-1/2" Dia	4,000/84X120"
5	1	114-640	Piston 3" Dia Cyl.	5,000/84X120"
6●	1	036-153	Wear Ring - 2-1/2" Wide Piston	4,000/84X120"
6●	1	036-154	Wear Ring - 3" Wide Piston	5,000/84X120"
7●	1	036-143	Rod Wear Ring	4,& 5,000/84X120"
8●	1	036-133	O-Ring, 2-1/2"ODx2-1/4"ID	4,000/84X120"
8●	1	036-132	O-Ring, 3"ODx2-1/4"ID	5,000/84X120"
9●	1	036-119	U-Cup, Seal 1.875" x 2.5" x .5"	4,000/84X120"
9●	1	036-112	U-Cup, Seal - 3" x 2-3/8" x 1/2"	5,000/84X120"
10●	1	036-108	O-Ring, 3/4"OD x 5/8"ID x 1/16"	4,& 5,000/84X120"
11●	1	036-098	Wiper, 1-3/4ODx1-1/2	4,& 5,000/84X120"
12	1	034-500	Fitting, 2103-6-6	4,& 5,000/84X120"
13●	1	118-368	Gasket, 2" Dia Cyl	4,000/84X120"
13●	1	117-993	Gasket	5,000/84X120"
14	1	011-530	Nut, Hex Jam, 3/4"-10	4,& 5,000/84X120"
15	1	038-180	O-Ring (Reciprocating)	4,& 5,000/84X120"
-	-	783-536	Kit, Seal - Includes Items marked (●)	4,000/84X120"
-	-	783-538	Kit, Seal - Includes Items marked (●)	5,000/84X120"

11.4.3 Crosshead Assembly - 4, & 5,000 lb. Cap. - 84x120" Deck

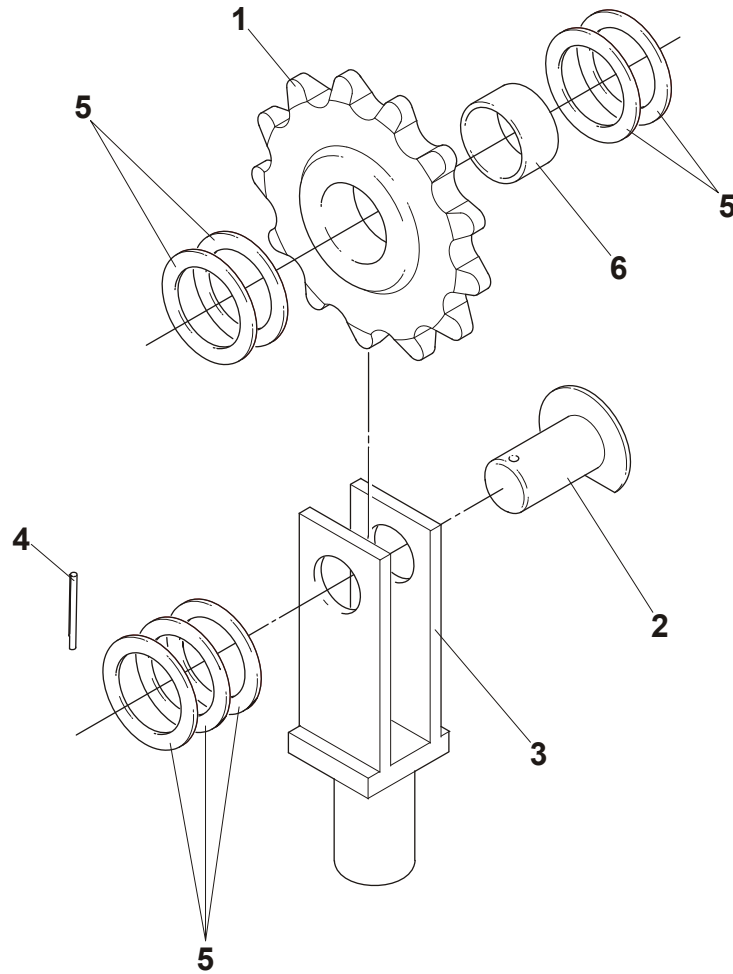


Figure 69 : Crosshead Assembly - 4, & 5,000 lb. Cap. - 84x120" Deck Length

Crosshead Assembly - 4, & 5,000 lb. Cap. - 84x120" Deck

Item	Qty	Part No	General Description	Specific Description
-	-	797-459	Crosshead Assembly (3"x3")	4,& 5,000/84X120"
1	1	105-645	Sprocket (Ramtop) Assembly	4,& 5,000/84X120"
2	1	797-451	Pin Assembly (3"x1-1/4")	4,& 5,000/84X120"
3	1	797-504	Crosshead Weldment (1-1/2"Ram)	4,& 5,000/84X120"
4	1	013-012	Spring Pin - 1/4" x 2"	4,& 5,000/84X120"
5	8	105-882	Washer-Spacer - (1-3/4" Dia)	4,& 5,000/84X120"
6	1	018-027	Bushing	4,& 5,000/84X120"

11.5 General Assembly - 4, & 5,000 lb. Cap. - 96x120" Deck

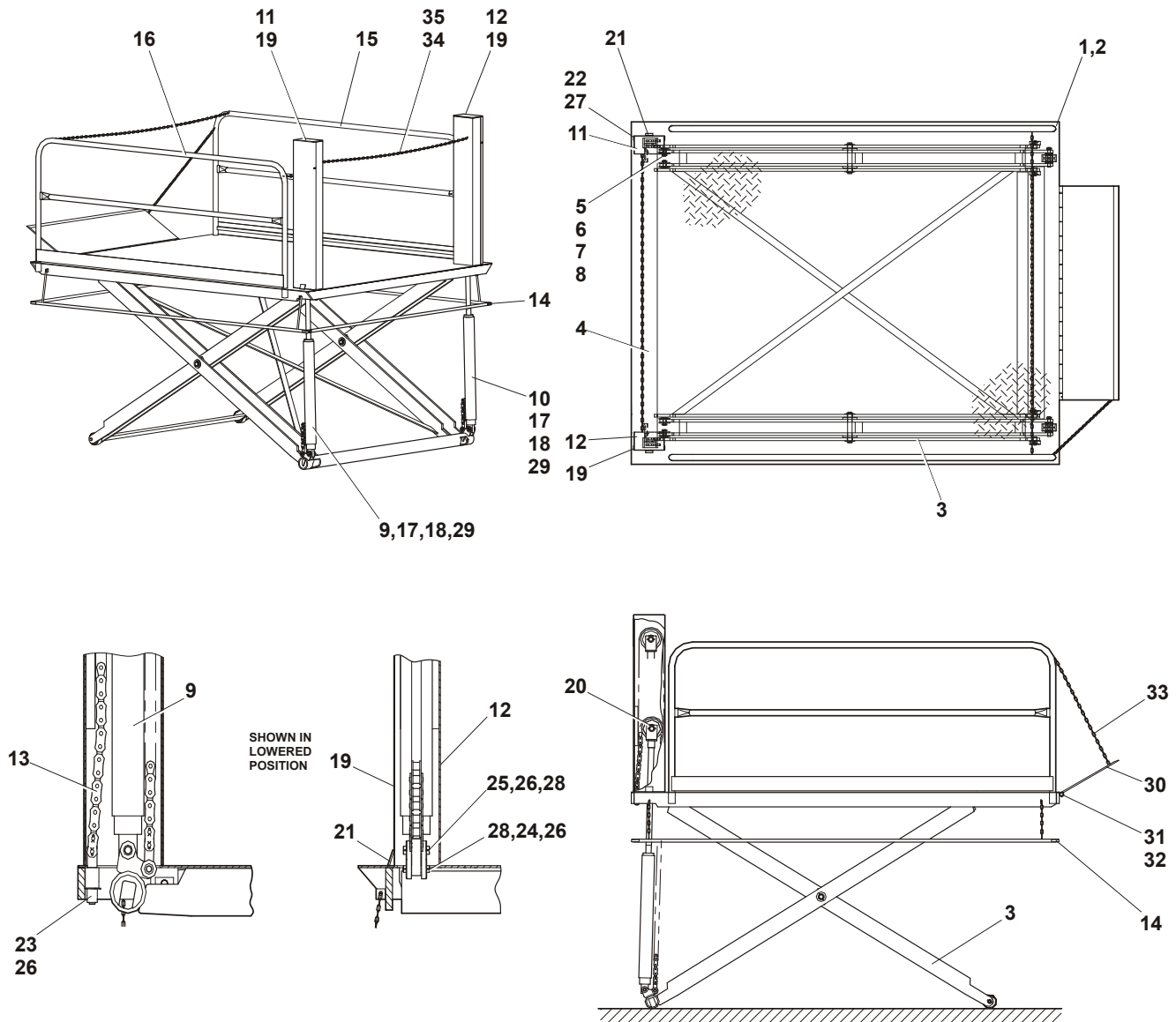


Figure 70 : 4, & 5,000 lb. Cap. - 96x120" Deck Length

Item	Qty	Part No	General Description	Specific Description
			Semi-Portable Elevating Dock	REF DWG. 310-5373
1*	1	313-5194	Deck & Leg Ass'y (96"x120")	4,000/96X120"
1*	1	313-5195	Deck & Leg Ass'y (96"x120")	5,000/96X120"
2	1	312-5242	Deck Assembly (96"x120")	4,& 5,000/96X120"
3*	2	796-114	Leg Assembly (109-3/4"x4-1/2")	4,000/96X120"
3*	2	796-111	Leg Assembly (109-3/4"x4-1/2")	5,000/96X120"
4	1	313-5193	Torque Bar	4,& 5,000/96X120"
5	4	797-445	Pin Weldment (2-1/8"Lg)	4,& 5,000/96X120"
6	4	013-012	Spring Pin 1/4" x 2"	4,& 5,000/96X120"
7	12	012-214	Washer, Flat Plain - 3/4" BS	4,& 5,000/96X120"
8	4	018-001	Bushing - 3/4" LG	4,000/96X120"
8	4	018-010	Bushing - 1" LG	5,000/96X120"
9**	1	786-720	Cylinder Ass'y (Left) [2-1/2"Dia]	4,000/96X120"
9**	1	786-657	Cylinder Ass'y (Left) [3"Dia]	5,000/96X120"
10**	1	786-721	Cylinder Ass'y (Right)[2-1/2"Dia]	4,000/96X120"
10**	1	786-658	Cylinder Ass'y (Right)[3"Dia]	5,000/96X120"
11	1	797-267	Post, Cylinder Weld (Left)	4,& 5,000/96X120"
12	1	797-248	Post, Cylinder Weld (Right)	4,& 5,000/96X120"
13	2	796-946	Chain Assembly (93-3/4"LG)	4,& 5,000/96X120"
14	1	302-5000-96120	Bar, Safety Indicator	4,& 5,000/96X120"
15	1	312-5080-6	Guard Rail, Right Side 120"Deck	4,& 5,000/96X120"
16	1	312-5081-6	Guard Rail, Left Side 120"Deck	4,& 5,000/96X120"
17	2	034-599	Fitting Elbow Forged #6MP-4MP-90	4,& 5,000/96X120"
18	2	033-661	Velocity Fuse - 5 GPM	4,& 5,000/96X120"
19	2	103-806	Cover, Post (49-1/2"x8-5/8"ID)	4,& 5,000/96X120"
20**	2	797-459	Crosshead Assembly (3"X3")	4,& 5,000/96X120"
21	2	103-744	Spacer	4,& 5,000/96X120"
22	4	012-202	Washer, Lock - 1/4" Helical	4,& 5,000/96X120"
23	2	011-535	Nut, Hex - 3/4"-10 Nylon Insert	4,& 5,000/96X120"
24	2	103-214	Pin, Chain Link Block	4,& 5,000/96X120"
25	2	103-215	Pin, Cylinder Pivot	4,& 5,000/96X120"
26	10	105-879	Washer - 3/4" x 1-3/16" x 1/16"	4,& 5,000/96X120"
27	4	010-072	Capscrew, Hex Hd. - 1/4-20 x 1/2"	4,& 5,000/96X120"
28	8	013-024	Cotter Pin-5/32" x 1-1/4"	4,& 5,000/96X120"
29	2	034-044	Fitting, 6-6	4,& 5,000/96X120"
30	1	302-5002	Lip Assy,60"(18"Lg,4&5#)1pc Lp	4,& 5,000/96X120"
31	1	121-616-1	Bar For Lip Hinge (60"Lg)	4,& 5,000/96X120"
32	1	013-005	Spring Pin 5/32"x1"Lg	4,& 5,000/96X120"
33	1	091-023-0600	Chain (60"Lg) 3/16"	4,& 5,000/96X120"
34	1	091-023-0580	Chain 1/8"Galvanized) (58"LG)	4,000/96X120"
34	1	091-023-0820	Chain 1/8"Galvanized) (82"LG)	5,000/96X120"
35	2	R3-19203	Hook Snap 4"LG	4,& 5,000/96X120"
36	1	797-640	Cradle Plate Assy R.H,	4,& 5,000/96X120"
37	1	796-926	Cradle Plate Assy L.H.	4,& 5,000/96X120"
38	2	105-487	Wear Plate	4,& 5,000/96X120"
39	1	797-125	Hose Ass'y #6 Hose (12"LG)	4,& 5,000/96X120"
40	1	795-826	Hose Assy, #6 60"LG	4,000/96X120"
40	1	795-846	Hose Assy, #6 60"LG	5,000/96X120"
41	1	300-5000-38	Hose, #6 HP(144"LG) Str. Swivel(2)	4,& 5,000/96X120"
42	2GA	039-066	Paint, Blue (Fast Dry Enamel)	4,& 5,000/96X120"

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** - SUBASSEMBLY - SHOWN ON SEPARATE PAGE

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11.5.1 Leg Assembly - 4, & 5,000 lb. Cap. - 96x120" Deck

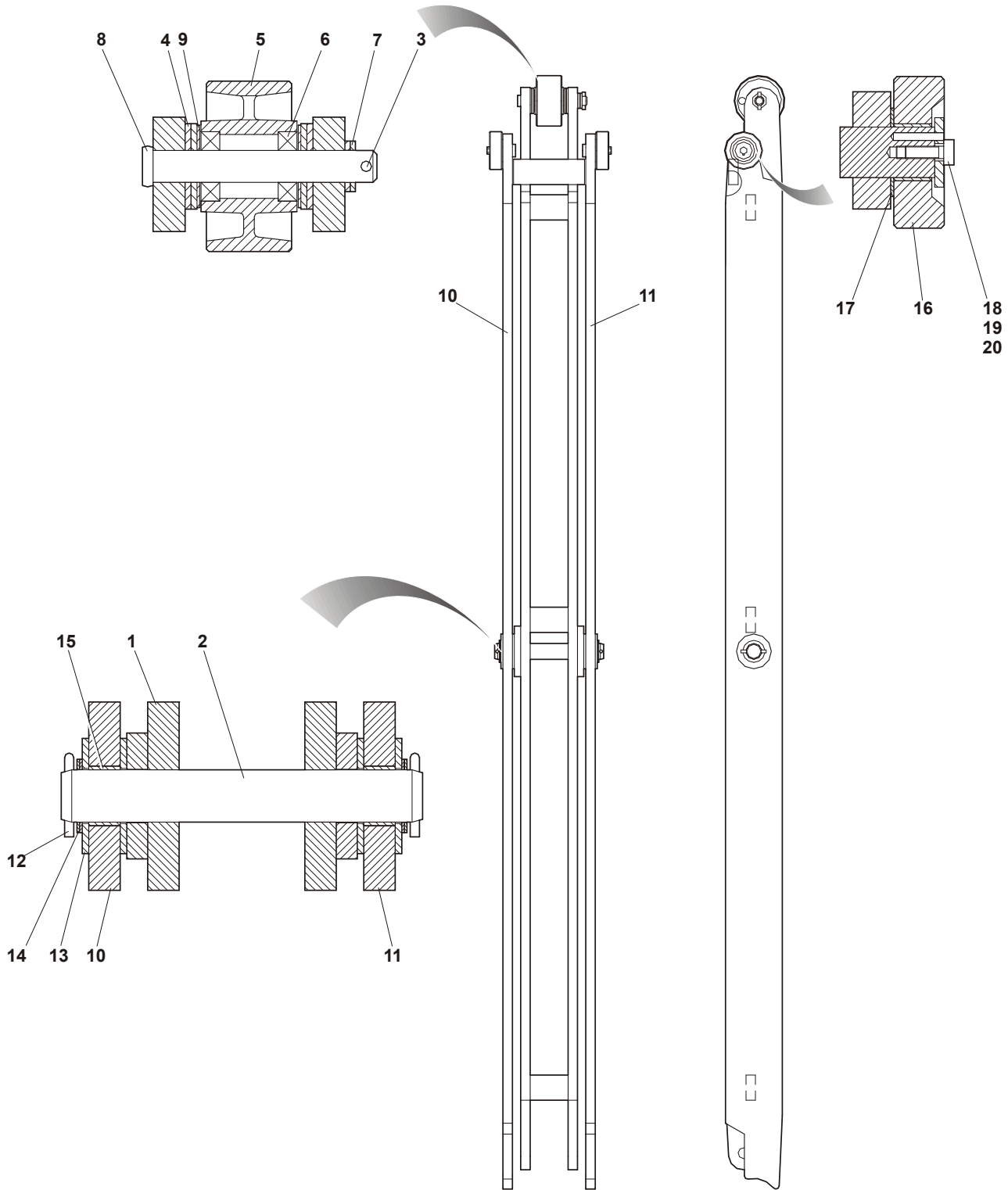


Figure 71 : Leg Assembly - 4, & 5,000 lb. Cap. - 96x120" Deck Length

Leg Assembly - 4, & 5,000 lb. Cap. - 96x120" Deck

Item	Qty	Part No	General Description	Specific Description
-	-	796-114	Leg Assembly (109-3/4"x4-1/2")	4,000/96X120"
-	-	796-111	Leg Assembly (109-3/4"x4-1/2")	5,000/96X120"
1	1	796-106	Leg Assy, Inner 109-3/4"x4-1/2"	4,000/96X120"
1	1	796-105	Leg Assy, Inner 109-3/4"x5"	5,000/96X120"
2	1	103-935	Pin, Center (8-5/8"x1-1/4"Dia)	4,000/96X120"
2	1	103-934	Pin, Center	5,000/96X120"
3	1	013-011	Spring Pin 1/4"x1-3/8"	4,& 5,000/96X120"
4	4	012-214	Washer, Flat - 3/4" BS	4,& 5,000/96X120"
5	1	100-103	Wheel Cast Steel (4"x2")	4,& 5,000/96X120"
6	2	018-500	Bearing, 3/4"x1-5/8"x7/16"	4,& 5,000/96X120"
7	2	105-880	Washer Spacer- 3/4"x1-3/16"x1/8"	4,& 5,000/96X120"
8	1	106-170	Axle, Load Roller (5-1/4"Lg)	4,000/96X120"
8	1	313-0015	Axle, Load Roller 5-3/4"x3/4"	5,000/96X120"
9	2	105-879	Washer, 3/4"x1-3/16"x1/16"	4,& 5,000/96X120"
10	1	796-107	Leg Assy, Left (109-3/4"x4-1/2")	4,000/96X120"
10	1	796-104	Leg Assy, Left (106-3/4"x4-1/2")	5,000/96X120"
11	1	796-108	Leg Ass'y, Right (109-3/4"x4-1/2")	4,000/96X120"
11	1	796-103	Leg Ass'y, Right (106-3/4"x4-1/2")	5,000/96X120"
12	2	013-082	Cotter Pin 1/4"x2"	4,& 5,000/96X120"
13	4	012-216	Washer, Flat Plain 1-5/16" Bolt Size	4,& 5,000/96X120"
14	4	105-882	Washer, Spacer (1-3/4" Dia)	4,& 5,000/96X120"
15	2	018-025	Bushing 1-1/4"x3/4LG	4,& 5,000/96X120"
16	2	105-225	Roller C/W Bushing 018-051	4,& 5,000/96X120"
17	2	106-389	Washer,Spr 1-3/4"ODx1"IDx1/16"Thk	4,& 5,000/96X120"
18	2	107-038	Washer	4,& 5,000/96X120"
19	2	010-037	Capscrew, Hex Hd. 5/16"-18 X 3/4"	4,& 5,000/96X120"
20	2	013-005	Spring Pin 5/32"X1"Lg	4,& 5,000/96X120"

11.5.2 Cylinder Assembly - 4, & 5,000 lb. Cap. - 96x120" Deck

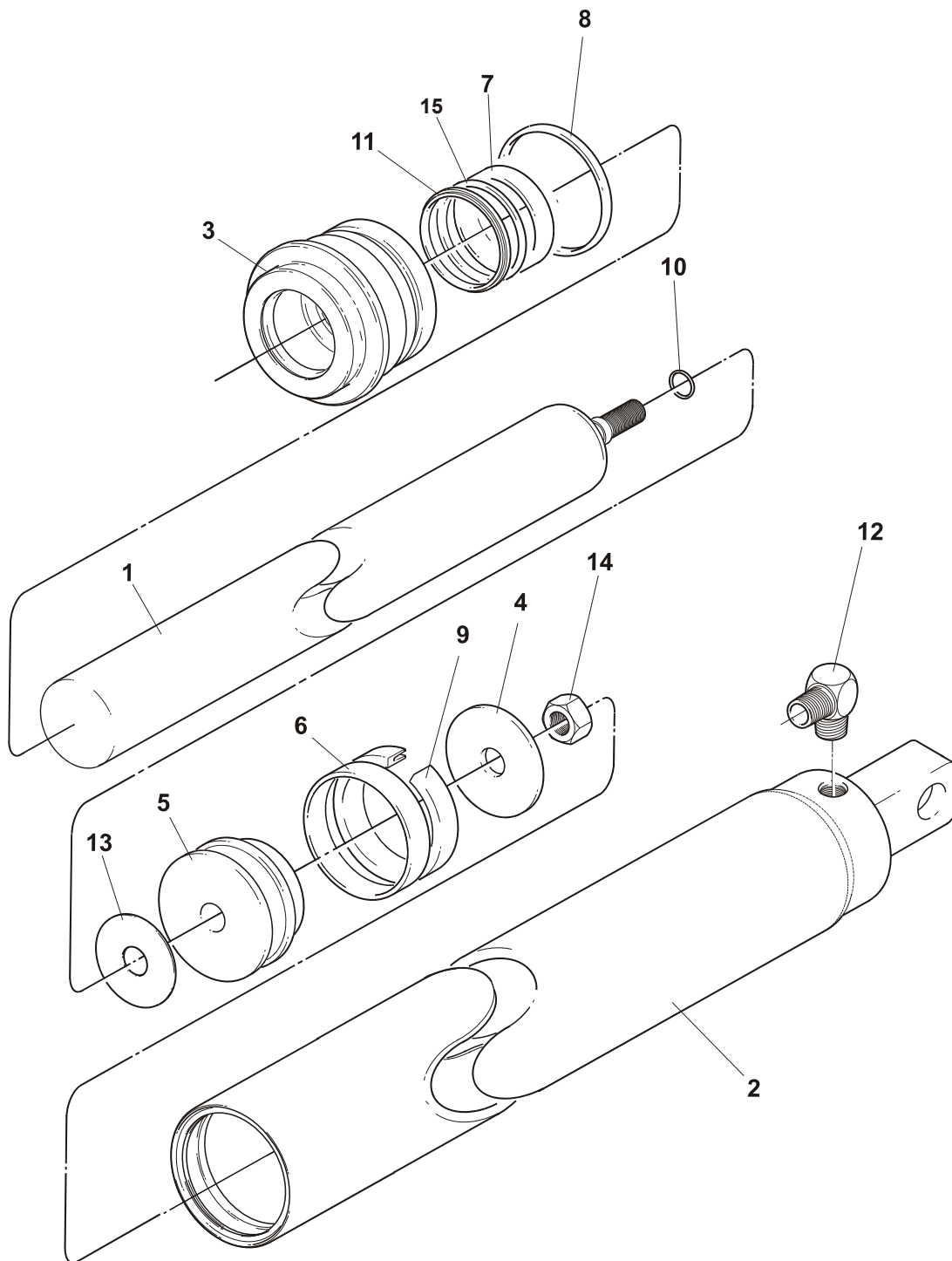


Figure 72 : Cylinder Assembly - 4, & 5,000 lb. Cap. - 84x120" Deck

11.5.3 Cylinder Assembly - 4, & 5,000 lb. Cap. - 96x120" Deck

Item	Qty	Part No	General Description	Specific Description
-	-	786-720	Cylinder Ass'y (Left) [2-1/2"Dia]	4,000/96X120"
-	-	786-657	Cylinder Ass'y (Left) [3"Dia]	5,000/96X120"
-	-	786-721	Cylinder Ass'y (Right)[2-1/2"Dia]	4,000/96X120"
-	-	786-658	Cylinder Ass'y (Right)[3"Dia]	5,000/96X120"
1	1	118-386	Ram - Semi Portable Table	4,& 5,000/96X120"
2	1	783-539	Housing Weldment (Left) [2-1/2"Dia]	4,000/96X120"
2	1	783-533	Housing Weldment (Right) [2-1/2"Dia]	4,000/96X120"
2	1	783-537	Housing Weldment (Left) [3"Dia]	5,000/96X120"
2	1	783-532	Housing Weldment (Right) [3"Dia]	5,000/96X120"
3	1	118-387	Headnut, 2-1/2" Dia Cyl (1-1/2" Dia Rd)	4,000/96X120"
3	1	118-389	Headnut, 3" Dia Cyl (1-1/2" Dia Rd)	5,000/96X120"
4	1	114-977	Washer, Piston (2-1/2" Dia)	4,000/96X120"
4	1	114-978	Washer, Piston (3" Dia)	5,000/96X120"
5	1	113-522	Piston Use 113-629 Washer 2-1/2" Dia	4,000/96X120"
5	1	114-640	Piston 3" Dia Cyl.	5,000/96X120"
6●	1	036-153	Wear Ring - 2-1/2" Wide Piston	4,000/96X120"
6●	1	036-154	Wear Ring - 3" Wide Piston	5,000/96X120"
7●	1	036-143	Rod Wear Ring	4,& 5,000/96X120"
8●	1	036-133	O-Ring, 2-1/2"ODx2-1/4"ID	4,000/96X120"
8●	1	036-132	O-Ring, 3"ODx2-1/4"ID	5,000/96X120"
9●	1	036-119	U-Cup, Seal 1.875" X 2.5" X .5"	4,000/96X120"
9●	1	036-112	U-Cup, Seal - 3" X 2-3/8" X 1/2"	5,000/96X120"
10●	1	036-108	O-Ring, 3/4"OD X 5/8"ID X 1/16"	4,& 5,000/96X120"
11●	1	036-098	Wiper, 1-3/4ODx1-1/2	4,& 5,000/96X120"
12	1	034-500	Fitting, 2103-6-6	4,& 5,000/96X120"
13●	1	118-368	Gasket, 2" Dia Cyl	4,000/96X120"
13●	1	117-993	Gasket	5,000/96X120"
14	1	011-530	Nut, Hex Jam, 3/4"-10	4,& 5,000/96X120"
15	1	036-180	O-Ring (Reciprocating)	4,& 5,000/96X120"
-	-	783-536	Kit, Seal - Includes Items marked (●)	4,000/96X120"
-	-	783-538	Kit, Seal - Includes Items marked (●)	5,000/96X120"

11.5.4 Crosshead Assembly - 4, & 5,000 lb. Cap. - 96x120" Deck

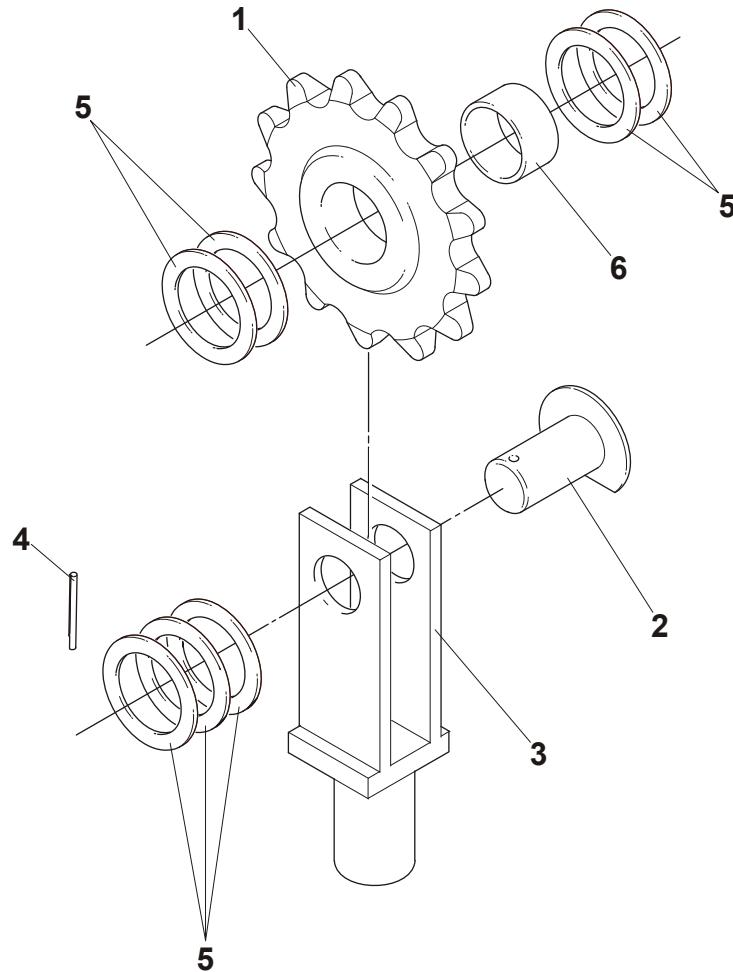


Figure 73 : Crosshead Assembly - 4, & 5,000 lb. Cap. - 96x120" Deck Length

11.5.5 Crosshead Assembly - 4, & 5,000 lb. Cap. - 96x120" Deck

Item	Qty	Part No	General Description	Specific Description
-	-	797-459	Crosshead Assembly (3"X3")	4,& 5,000/96X120"
1	1	105-645	Sprocket (Ramtop) Assembly	4,& 5,000/96X120"
2	1	797-451	Pin Assembly (3"X1-1/4")	4,& 5,000/96X120"
3	1	797-504	Crosshead Weldment (1-1/2"Ram)	4,& 5,000/96X120"
4	1	013-012	Spring Pin - 1/4" X 2"	4,& 5,000/96X120"
5	8	105-882	Washer-Spacer - (1-3/4" Dia)	4,& 5,000/96X120"
6	1	018-027	Bushing	4,& 5,000/96X120"

12. Schematics & Wiring Diagrams

12.1 Wiring Diagram-5,7.5,&10 H.P. Power Packs - 230V/1Ø/60Hz

WIRING DIAGRAM AND HYDRAULIC SCHEMATIC

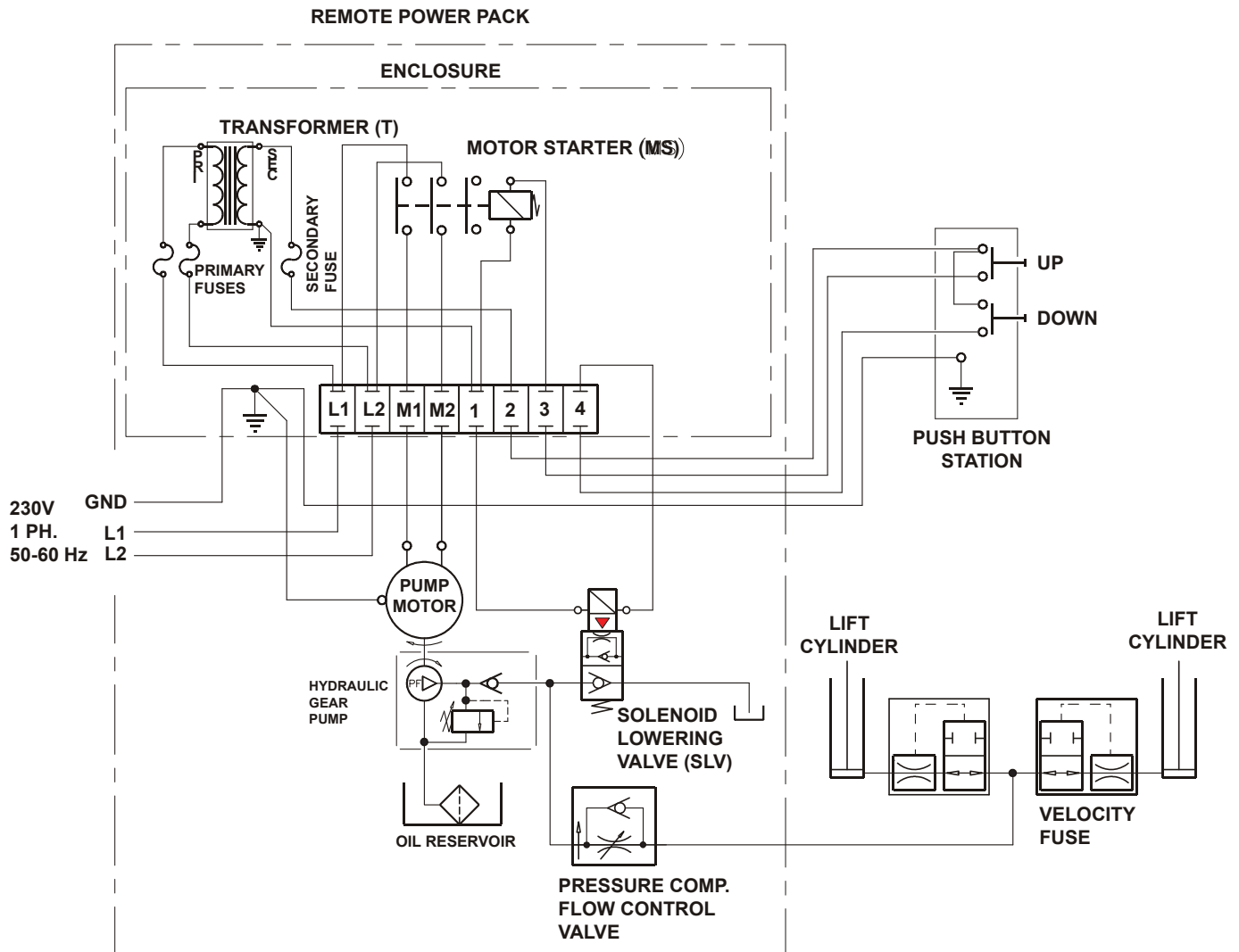


Figure 74 : Wiring Diagram-5,7.5,&10 H.P. Power Packs - 230V/1Ø/60Hz

12.2 Electrical Schematic-5,7.5,&10 H.P. Power Packs - 230V/1Ø/60Hz

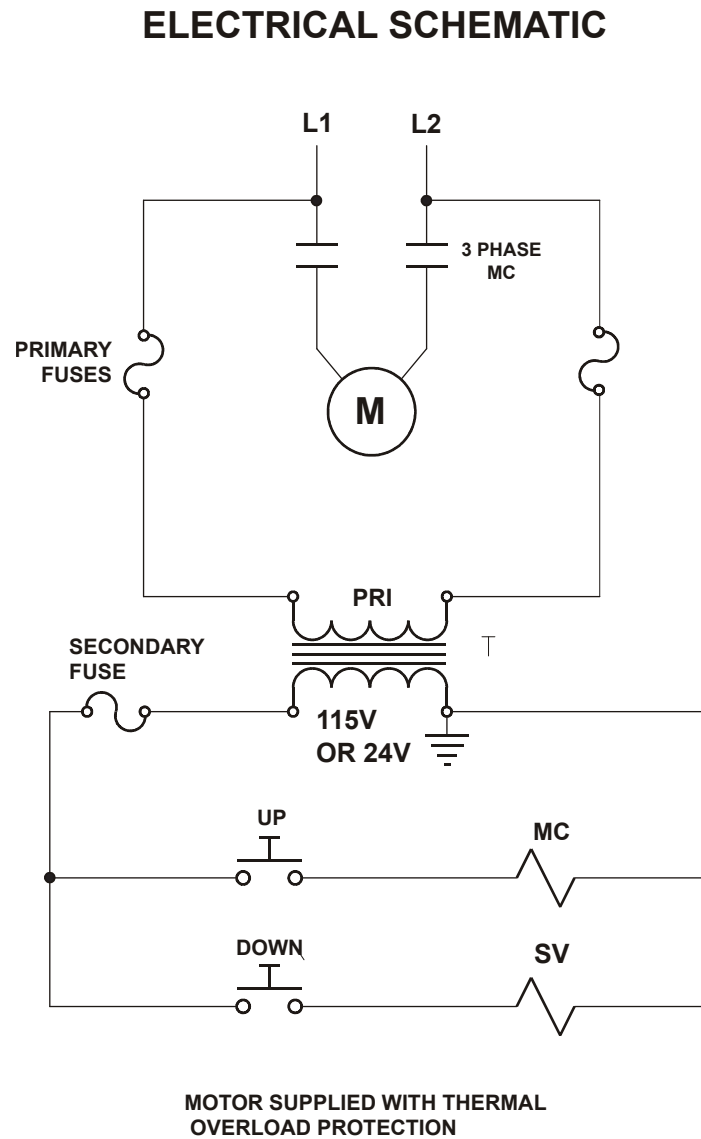


Figure 75 : Electrical Schematic-5,7.5,&10 H.P. Power Packs - 230V/1Ø/60Hz

12.3 Wiring Diagram-5,7.5,&10 H.P. Power Packs - 208-575V/3Ø/60Hz

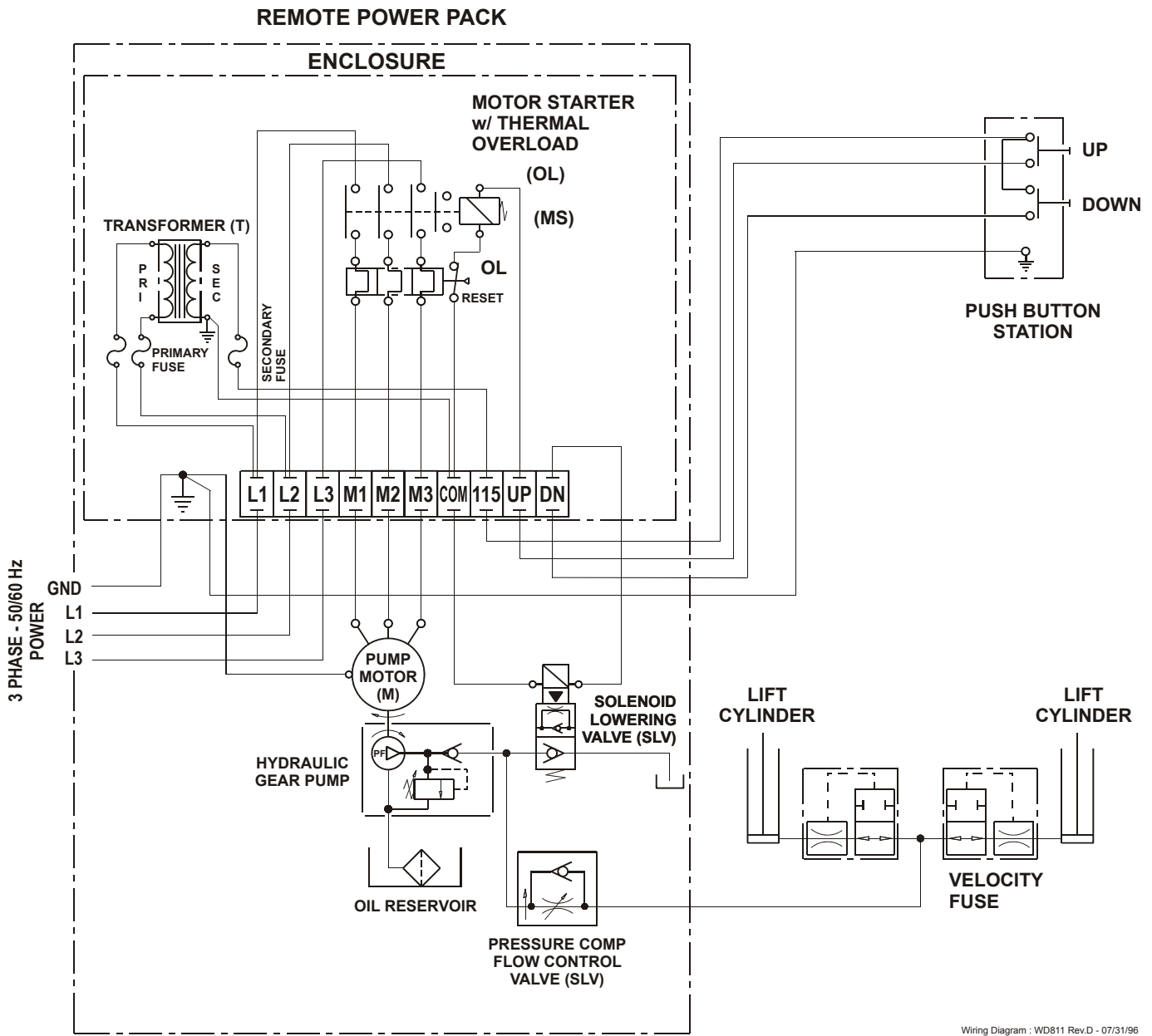


Figure 76 : Wiring Diagram-5,7.5,&10 H.P. Power Packs - 208-575V/3Ø/60Hz

12.4 Electrical Schematic-5,7.5,&10 H.P. Power Packs - 208-575V/3Ø/60Hz

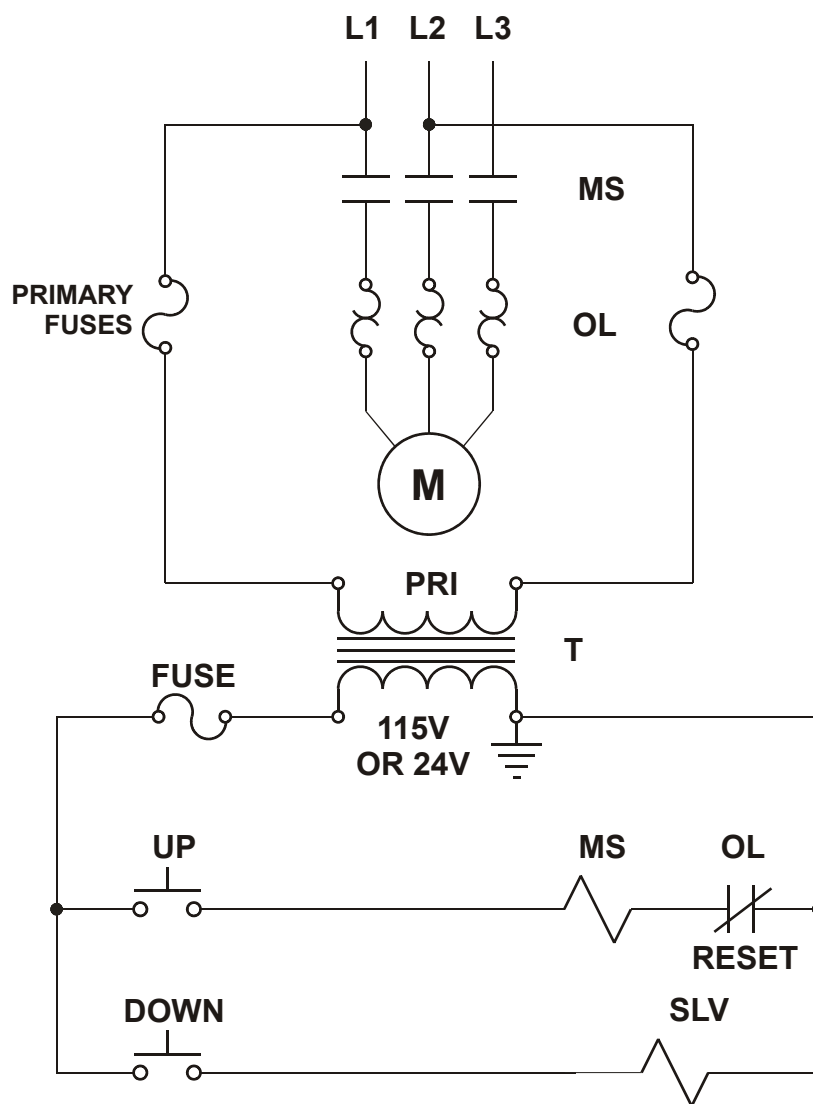


Figure 77 : Electrical Schematic-5,7.5,&10 H.P. Power Packs - 208-575V/3Ø/60Hz

12.5 Wiring Diagram-5-10 H.P. Power Packs - w/Safety Trip Switches

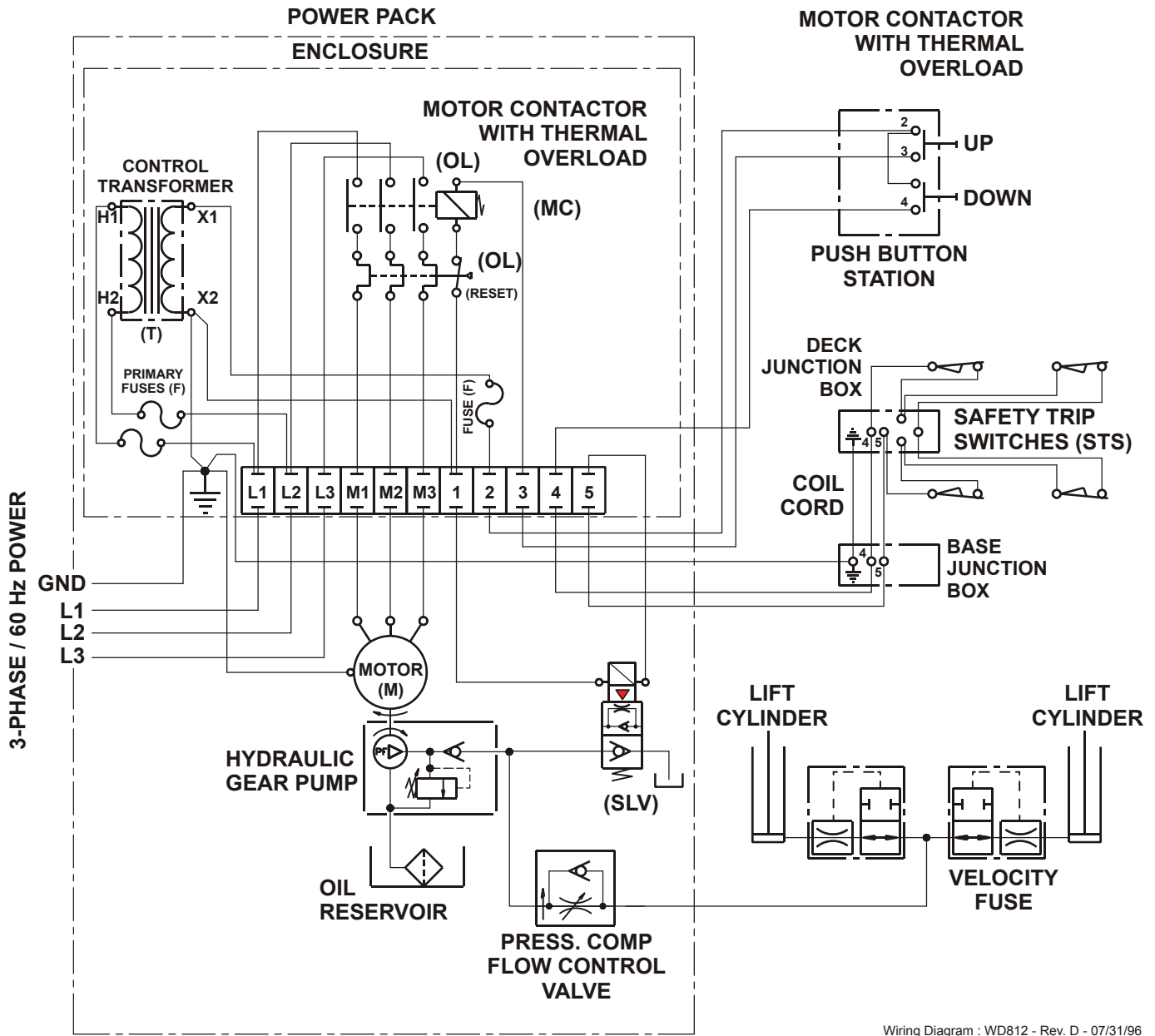


Figure 78 : Wiring Diagram-5-10 H.P. Power Packs - w/Safety Trip Switches

12.7 Wiring Diagram-5-10 H.P. Power Packs - w/Up-Limit Switch

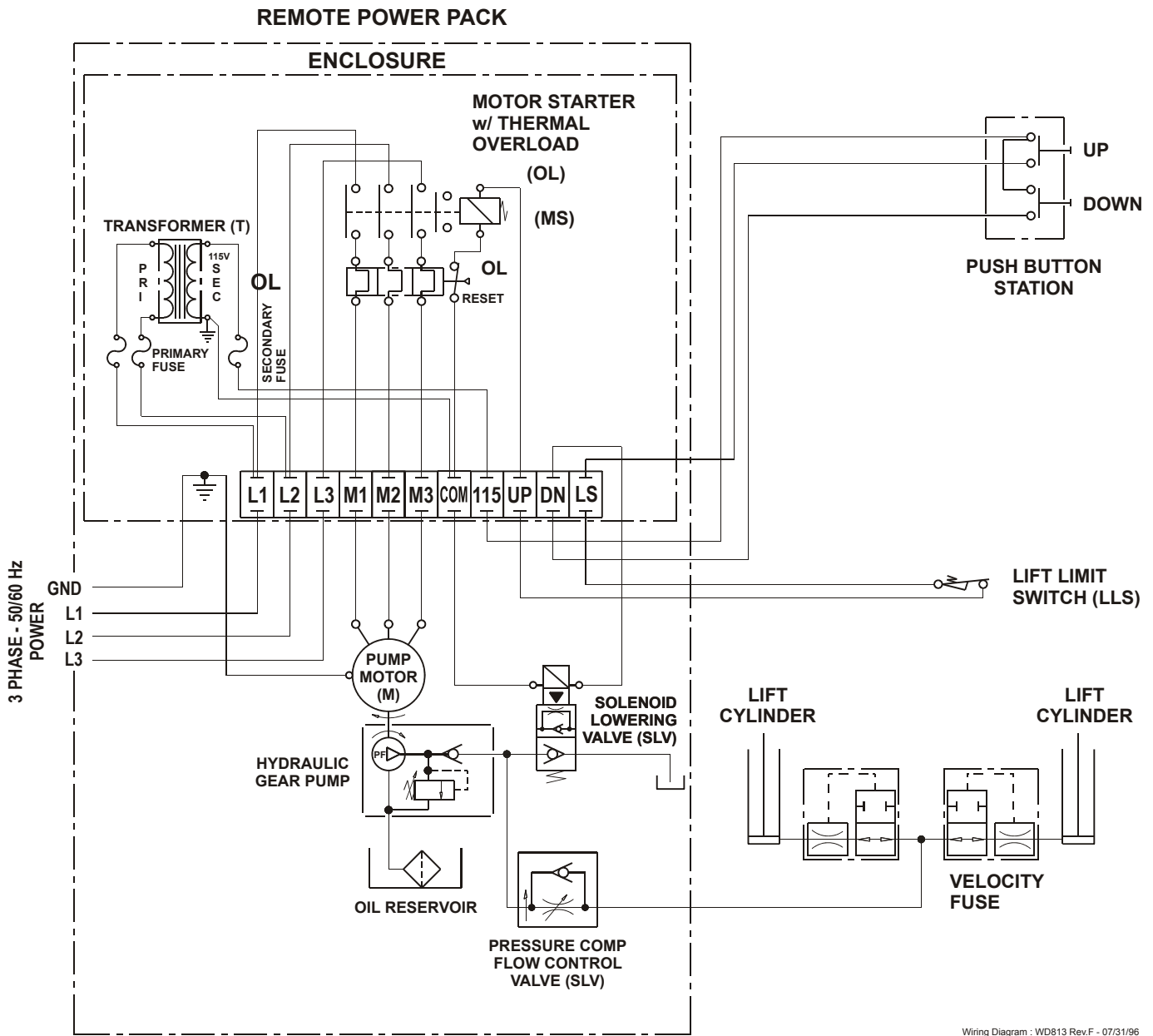


Figure 80 : Wiring Diagram-5-10 H.P. Power Packs - Up Limit Switch

12.8 Electrical Schematic - 5-10 H.P. Power Packs - w/Up-Limit Switch

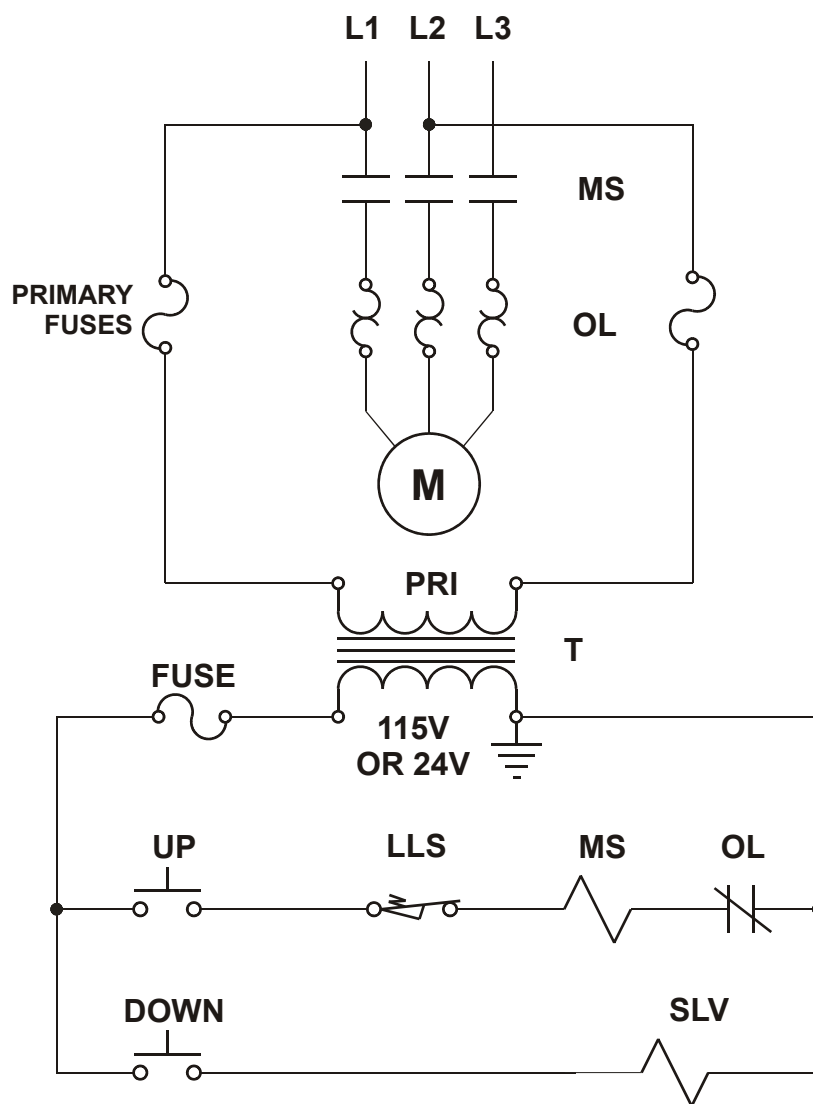


Figure 81 : Electrical Schematic-5-10 H.P. Power Packs - Up Limit Switch



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