

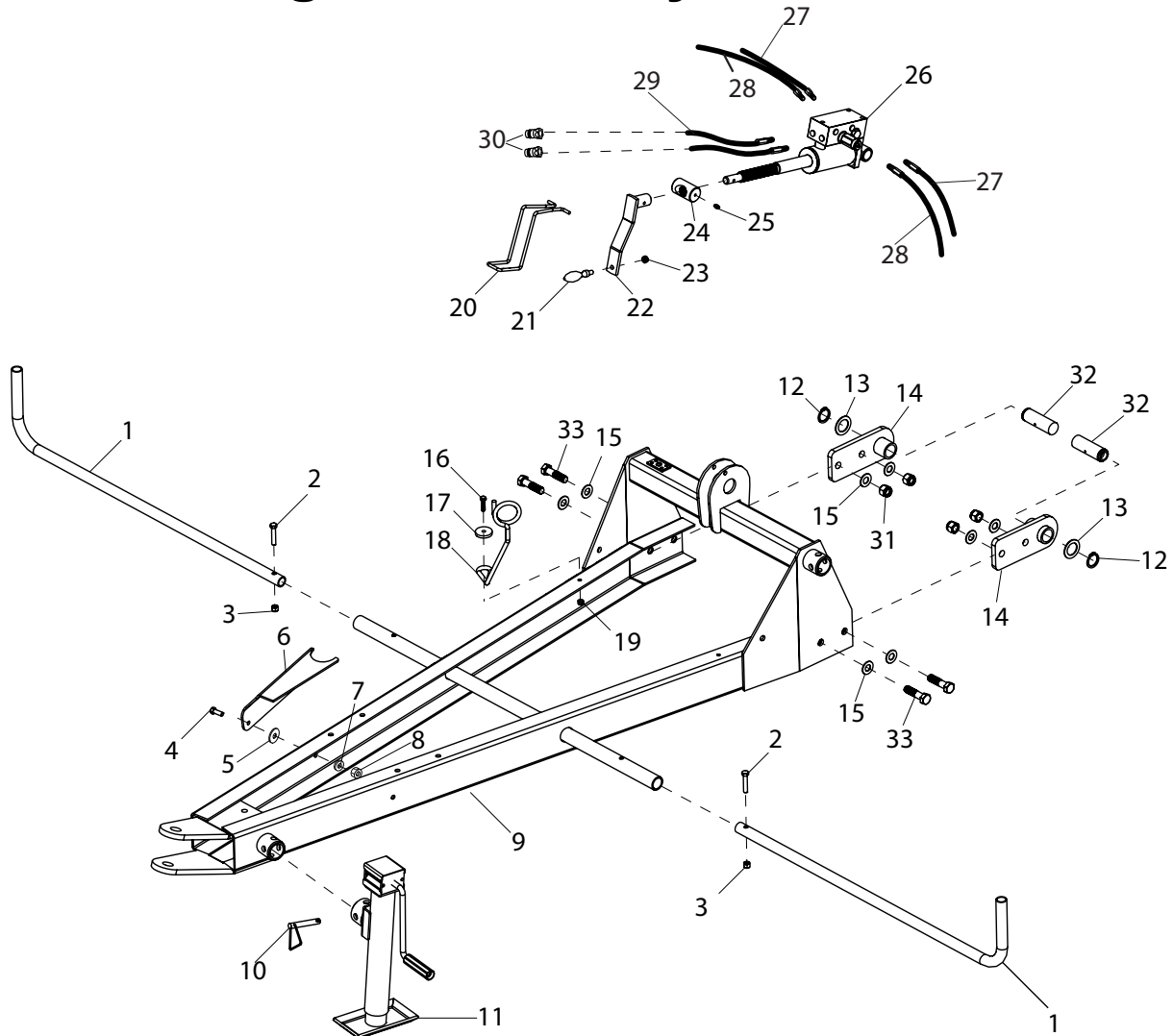


TT4101 Rotary Tedder

Illustrated Parts Breakdown

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Tongue Assembly S/N -94344

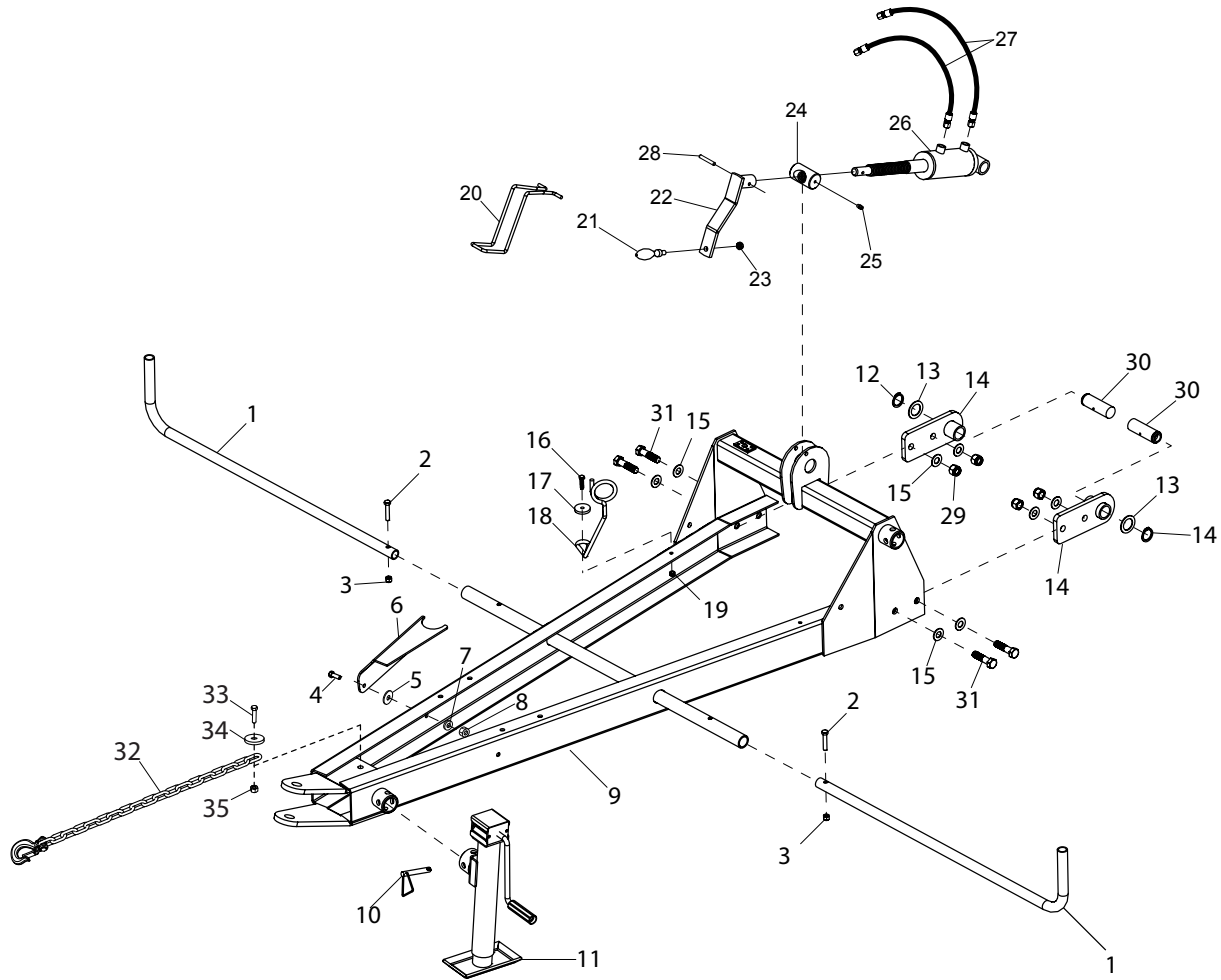


Ref#	Description	Part#
1	Front Guard	702755
2	3/8" x 2" HH Bolt	000286
3	3/8" Nylon Lock Nut	003000
4	Bolt, 3/8 x 1.25	000275
5	3/8" Fender Washer	001105
6	PTO Stand	500015
7	3/8" Lock Washer	000820
8	3/8" Nut	000915
9	Tongue Weldment	703509
10	Jack Mount Pin	500012
11	2K Side Wind Jack	903317
12	Ext Retaining Ring, 1-1/4 Zinc	702826
13	1-1/4 x 1-7/8 Bushing, 14 Ga.	500185
14	Hitch Bolting Weld Assembly	703484
15	5/8 SAE Flat Washer Zinc	001076
16	Hex Nut, 3/8	000915

* Top or side wind jacks fit on same mounting stub

Ref#	Description	Part#
17	Bolt, 5/16 x 1-1/4	000230
18	Heavy Washer	502308
19	Lock Nut, 5/16	002999
20	Cylinder Handle Lock	702713
21	Stainless Steel Handle	502149
22	Front Cyl. Handle Weldment	503037
23	3/8" Nylon Jam Nut	000920
24	Threaded Cylinder Mount	502218
25	1/4" Grease Fitting	400117
26	Front Tilt Cylinder and Manifold	701033
27	Short Cylinder Hose	701037
28	Long Cylinder Hose	701038
29	Tractor Hose	701039
30	Male Hydraulic Coupler	290105
31	5/8-11 Nylon Lock Nut, Gr.5 Zinc	000972
32	Tongue Pivot Pin	702829
33	5/8-11 x 2 Hex Head Bolt	000615

Tongue Assembly S/N 94344+



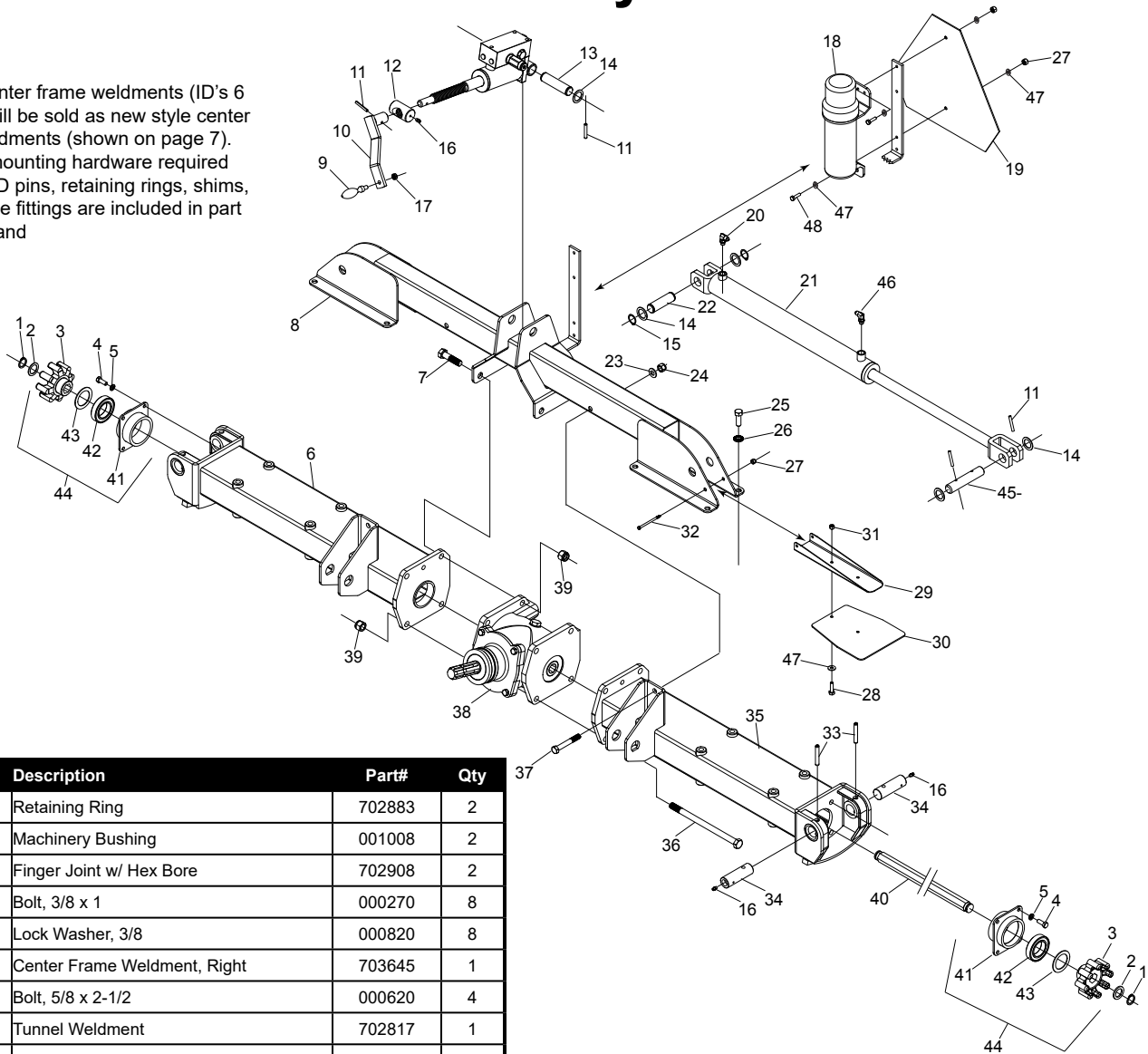
Ref#	Description	Part#
1	Front Guard	702755
2	3/8" x 2" HH Bolt	000286
3	3/8" Nylon Lock Nut	003000
4	Bolt, 3/8 x 1	000270
5	3/8" Fender Washer	001100
6	PTO Stand	500015
7	3/8" Lock Washer	000820
8	3/8" Nut	000915
9	Tongue Weldment	703509
10	Jack Mount Pin	500012
11	2K Side Wind Jack	903317
12	Ext Retaining Ring, 1-1/4 Zinc	702826
13	1-1/4 x 1-7/8 Bushing, 14 Ga.	500185
14	Hitch Bolting Weld Assembly	703484
15	5/8 SAE Flat Washer Zinc	001076

* Top or side wind jacks fit on same mounting stub

Ref#	Description	Part#
16	Hex Nut, 3/8	000915
17	Bolt, 5/16 x 1-1/4	000230
18	Heavy Washer	502308
19	Lock Nut, 5/16	002999
20	Cylinder Handle Lock	702713
21	Stainless Steel Handle	502149
22	Front Cyl. Handle Weldment	503037
23	3/8" Nylon Jam Nut	000920
24	Threaded Cylinder Mount	502218
25	1/4" Grease Fitting	400117
26	Front Tilt Cylinder	703604
27	1/4" x 15-1/2" Hose Assembly	703379
28	1/4" x 1-3/4" Roll Pin	500187
29	5/8-11 Nylon Lock Nut, Gr.5 Zinc	000972
30	Tongue Pivot Pin	702829
31	5/8-11 x 2 Hex Head Bolt	000615

Main Assembly S/N -94344

*Note: Center frame weldments (ID's 6 and 35) will be sold as new style center frame weldments (shown on page 7). All pivot mounting hardware required including D pins, retaining rings, shims, and grease fittings are included in part numbers and

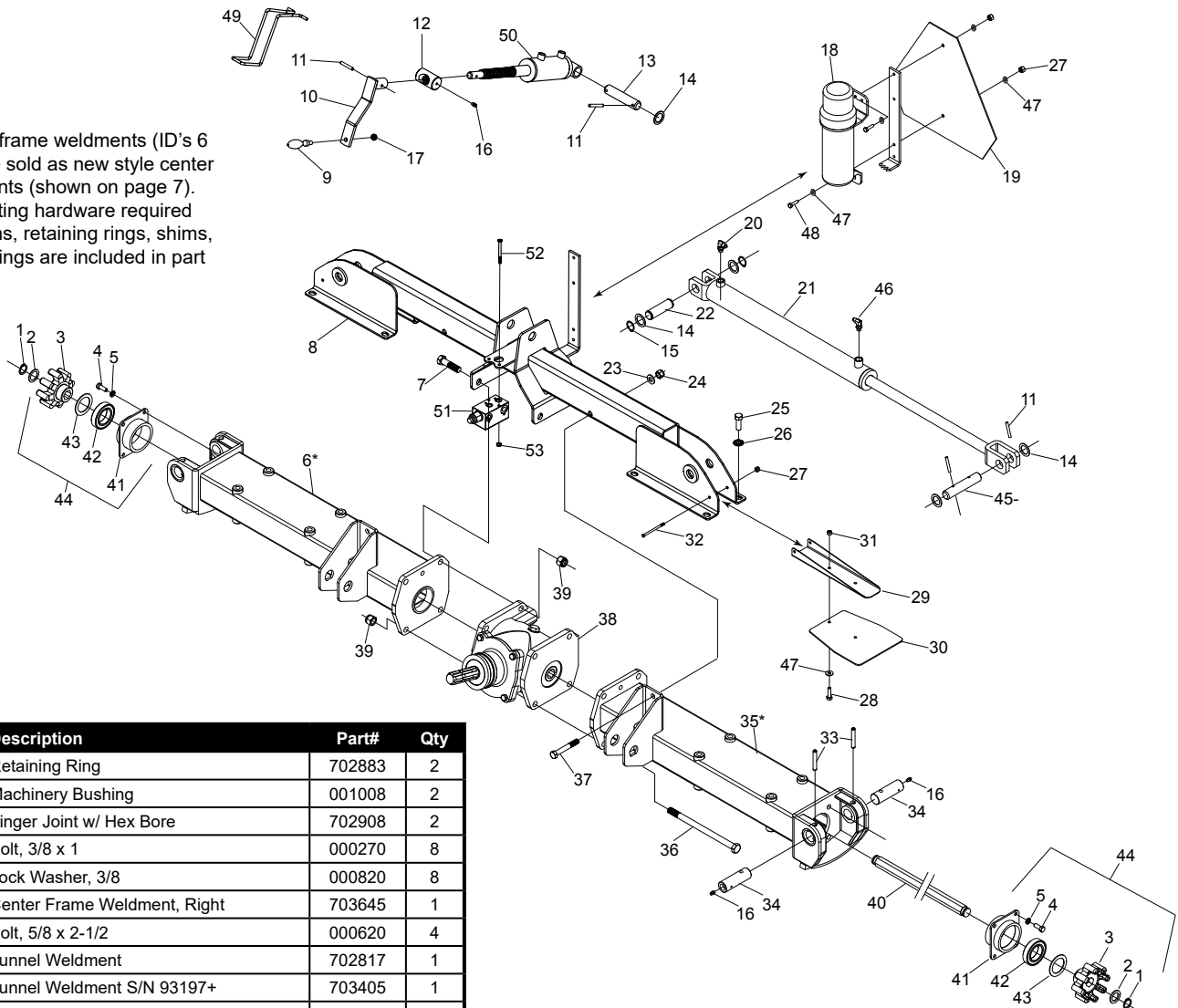


Ref#	Description	Part#	Qty
1	Retaining Ring	702883	2
2	Machinery Bushing	001008	2
3	Finger Joint w/ Hex Bore	702908	2
4	Bolt, 3/8 x 1	000270	8
5	Lock Washer, 3/8	000820	8
6	Center Frame Weldment, Right	703645	1
7	Bolt, 5/8 x 2-1/2	000620	4
8a	Tunnel Weldment	702817	1
8b	Tunnel Weldment S/N 93197+	703405	1
9	Handle	502149	1
10	Handle Assembly	503037	1
11	Roll Pin, 1/4 x 1-3/4	500187	5
12	Threaded Cylinder Pin	502218	1
13	Front Tilt Cylinder Pin	701021	1
14	Machinery Bushing, 1"	001008	6
15	Retaining Ring, 1"	505648	4
16	Grease Fitting	400117	5
17	Nylon Jam Nut, 3/8	000920	1
18	OM Canister	503050	1
	Operator's Manual, TT4100	990039	1
19	SMV Triangle	507166	1
20	90 Degree Elbow, - #4 MJ x #4 MP	702459	2
21	Cylinder	701040	2
22	Cylinder Pin	701021	2
23	Washer	001061	2
24	Nylon Lock Nut, 1/2	000950	2
25	Bolt, 1/2 x 1-1/2	000435	16
26	1/2" Serrated Washer	702821	16
27	Nylon Locknut, 1/4	003001	4
28	Bolt, 1/4 x 3/4	000175	4

Ref#	Description	Part#	Qty
29	Joint Cover Bracket	702843	2
30	Rubber Cover	701032	2
31	Nylon Locknut, 1/4	003001	4
32	Bolt, 1/4 x 3-1/4	000200	2
33	Roll Pin, 3/8 x 2	702798	4
34	Pivot Pin	702725	4
35	Center Frame Weldment, Left	703644	1
36	Bolt, 5/8 x 10	000690	2
37	Bolt, 1/2 x 4	000205	2
38	Center Gearbox Assembly	703621	1
39	Nylon Locknut, 5/8	000972	6
40	Hex Drive Shaft, Center	702884	1
41	Bearing Bracket	702877	2
42	Bearing, 6009-2RS	702613	3
43	Finger Joint Spacer	702668	2
44	Finger & Bearing Assembly	702874	2
45	Rod End Cylinder Pin	701017	2
46	90 Degree Elbow, - #4 MJ x #6 MP	101916	2
47	1/4" Flat Washer	001020	8
48	1/4" x 1-1/4" Hex Head Bolt	000184	2

Main Assembly S/N 94344 - 94416

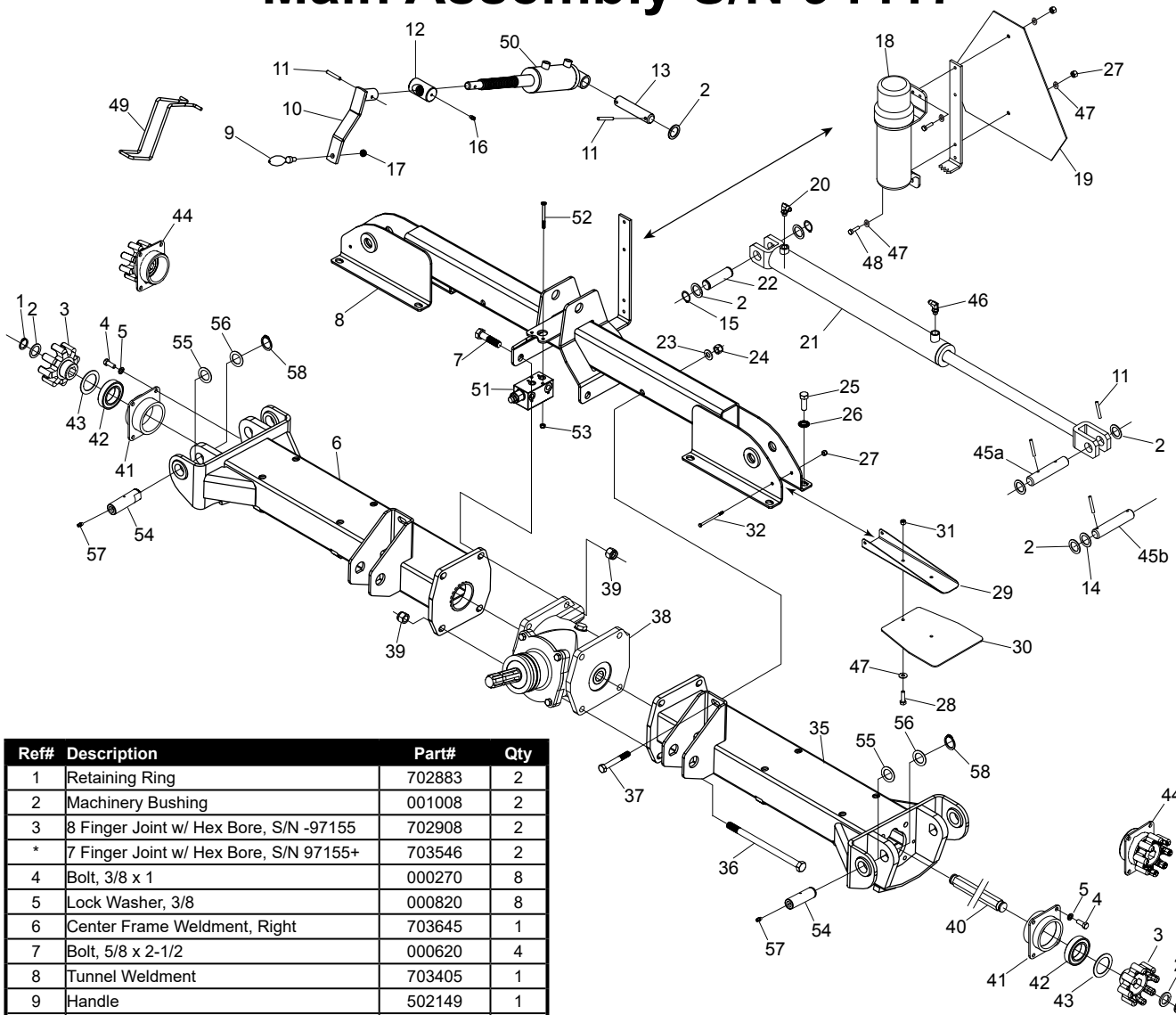
*Note: Center frame weldments (ID's 6 and 35) will be sold as new style center frame weldments (shown on page 7). All pivot mounting hardware required including D pins, retaining rings, shims, and grease fittings are included in part numbers and.



Ref#	Description	Part#	Qty
1	Retaining Ring	702883	2
2	Machinery Bushing	001008	2
3	Finger Joint w/ Hex Bore	702908	2
4	Bolt, 3/8 x 1	000270	8
5	Lock Washer, 3/8	000820	8
6	Center Frame Weldment, Right	703645	1
7	Bolt, 5/8 x 2-1/2	000620	4
8a	Tunnel Weldment	702817	1
8b	Tunnel Weldment S/N 93197+	703405	1
9	Handle	502149	1
10	Handle Assembly	503037	1
11	Roll Pin, 1/4 x 1-3/4	500187	5
12	Threaded Cylinder Pin	502218	1
13	Front Tilt Cylinder Pin	701021	1
14	Machinery Bushing, 1"	001008	6
15	Retaining Ring, 1"	505648	4
16	Grease Fitting	400117	5
17	Nylon Jam Nut, 3/8	000920	1
18	OM Canister	503050	1
	Operator's Manual, TT4100	990039	1
19	SMV Triangle	507166	1
20	90 Degree Elbow, - #4 MJ x #4 MP	702459	2
21	Cylinder	701040	2
22	Cylinder Pin	701021	2
23	Washer	001061	2
24	Nylon Lock Nut, 1/2	000950	2
25	Bolt, 1/2 x 1-1/2	000435	16
26	1/2" Serrated Washer	702821	16
27	Nylon Locknut, 1/4	003001	4
28	Bolt, 1/4 x 3/4	000175	4
29	Joint Cover Bracket	702843	2
30	Rubber Cover	701032	2
31	Nylon Locknut, 1/4	003001	4

Ref#	Description	Part#	Qty
32	Bolt, 1/4 x 3-1/4	000200	2
33	Roll Pin, 3/8 x 2	702798	4
34	Pivot Pin	702725	4
35	Center Frame Weldment, Left	703644	1
36	Bolt, 5/8 x 10	000690	2
37	Bolt, 1/2 x 4	000205	2
38	Center Gearbox Assembly	703621	1
39	Nylon Locknut, 5/8	000972	6
40	Hex Drive Shaft, Center	702884	1
41	Bearing Bracket	702877	2
42	Bearing, 6009-2RS	702613	3
43	Finger Joint Spacer	702668	2
44	Finger & Bearing Assembly	702874	2
45	Rod End Cylinder Pin	701017	2
46	90 Degree Elbow, - #4 MJ x #6 MP	101916	2
47	1/4" Flat Washer	001020	8
48	1/4" x 1-1/4" Hex Head Bolt	000184	2
49	Cylinder Handle Lock	702713	1
50	Front Tilt Cylinder	703604	1
51	HT4100 Manifold	703619	1
52	1/4" x 2-1/2" Hex Head Bolt	000195	2
53	1/4" Nylon Lock Nut	003001	2

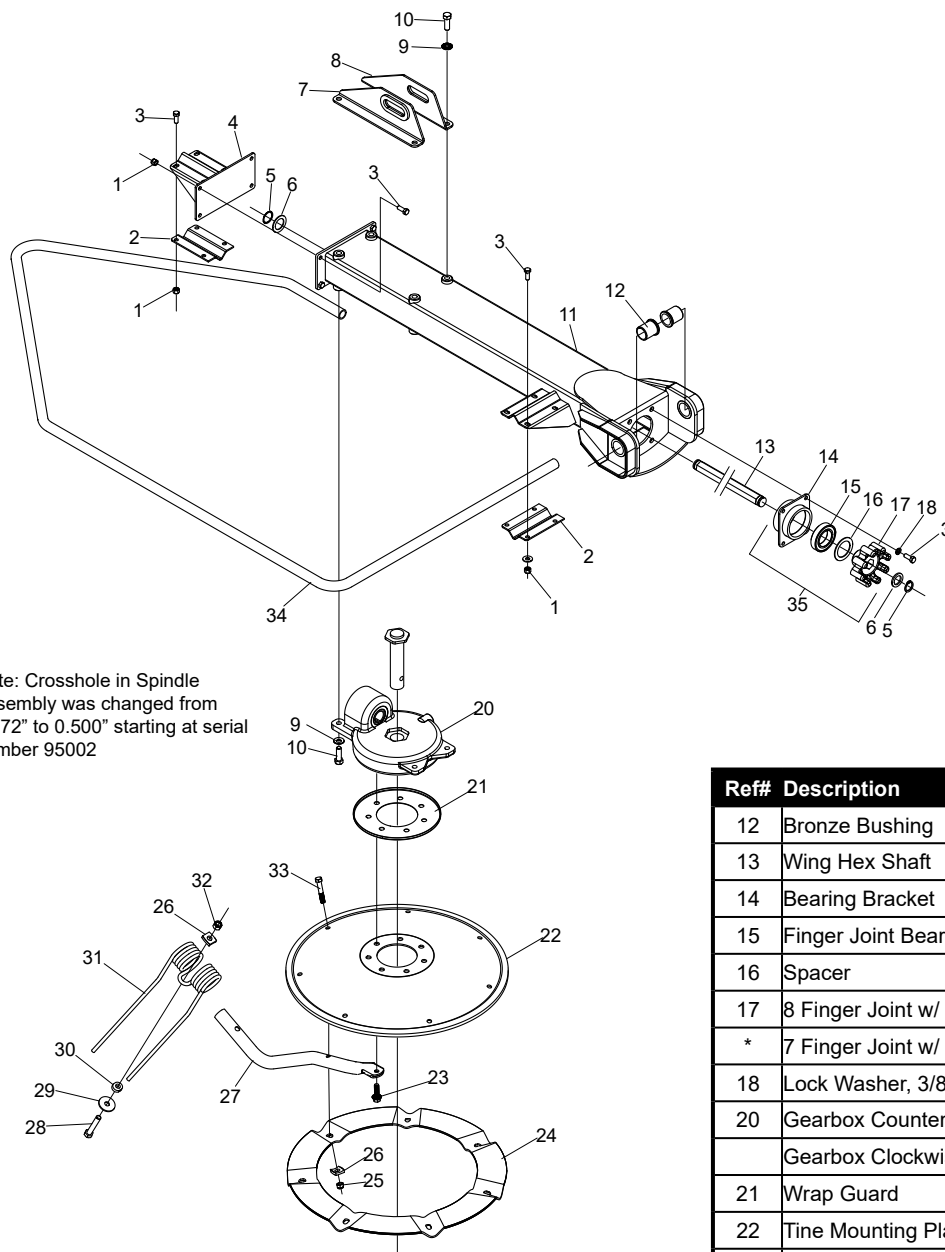
Main Assembly S/N 94417+



Ref#	Description	Part#	Qty
1	Retaining Ring	702883	2
2	Machinery Bushing	001008	2
3	8 Finger Joint w/ Hex Bore, S/N -97155	702908	2
*	7 Finger Joint w/ Hex Bore, S/N 97155+	703546	2
4	Bolt, 3/8 x 1	000270	8
5	Lock Washer, 3/8	000820	8
6	Center Frame Weldment, Right	703645	1
7	Bolt, 5/8 x 2-1/2	000620	4
8	Tunnel Weldment	703405	1
9	Handle	502149	1
10	Handle Assembly	503037	1
11	Roll Pin, 1/4 x 1-3/4	500187	5
12	Threaded Cylinder Pin	502218	1
13	Front Tilt Cylinder Pin	701021	1
14	Machinery Bushing, 1"	001008	6
15	Retaining Ring, 1"	505648	4
16	Grease Fitting	400117	5
17	Nylon Jam Nut, 3/8	000920	1
18	OM Canister	503050	1
*	Operator's Manual	990130	1
19	SMV Triangle	507166	1
20	90 Degree Elbow,- #4 MJ x #4 MP	702459	2
21	Cylinder	701040	2
22	Cylinder Pin	701021	2
23	Washer	001061	2
24	Nylon Lock Nut, 1/2	000950	2
25	Bolt, 1/2 x 1-1/2	000435	16
26	1/2" Serrated Washer	702821	16
27	Nylon Locknut, 1/4	003001	4
28	Bolt, 1/4 x 3/4	000175	4
29	Joint Cover Bracket	702843	2
30	Rubber Cover	701032	2
31	Nylon Locknut, 1/4	003001	4
32	Bolt, 1/4 x 3-1/4	000200	2
33	Roll Pin, 3/8 x 2	702798	4
34	Pivot Pin	702725	4
35	Center Frame Weldment, Left	703644	1

Ref#	Description	Part#	Qty
36	Bolt, 5/8 x 10	000690	2
37	Bolt, 1/2 x 4	000205	2
38	Center Gearbox Assembly	703621	1
39	Nylon Locknut, 5/8	000972	6
40	Hex Drive Shaft, Center	702884	1
41	Bearing Bracket	702877	2
42	Finger Joint Bearing	403789	2
43	Finger Joint Spacer	702668	2
44	Finger & Bearing Assembly, S/N -97155	702874	2
*	Finger & Bearing Assembly, S/N 97155+	705068	2
45	Rod End Cylinder Pin	701017	2
46	90 Degree Elbow,- #4 MJ x #6 MP	101916	2
47	1/4" Flat Washer	001020	8
48	1/4" x 1-1/4" Hex Head Bolt	000184	2
49	Cylinder Handle Lock	702713	1
50	Front Tilt Cylinder	703604	1
51	HT4100 Manifold	703619	1
52	1/4" x 2-1/2" Hex Head Bolt	000195	2
53	1/4" Nylon Lock Nut	003001	2
54	Wing 1.250" D Pin	703052	4
55	1-1/4" x 1-7/8" 18 Ga. Machinery Bushing	703588	4
56	1-1/4" x 1-7/8" Machinery Bushing, 14 Ga.	500185	4
57	1/4"-28 Spin-drive Grease Zert	400117	4
58	External Retaining Ring, 1-1/4" Zinc	702826	4

TT4101 Rotor and Wing Assembly

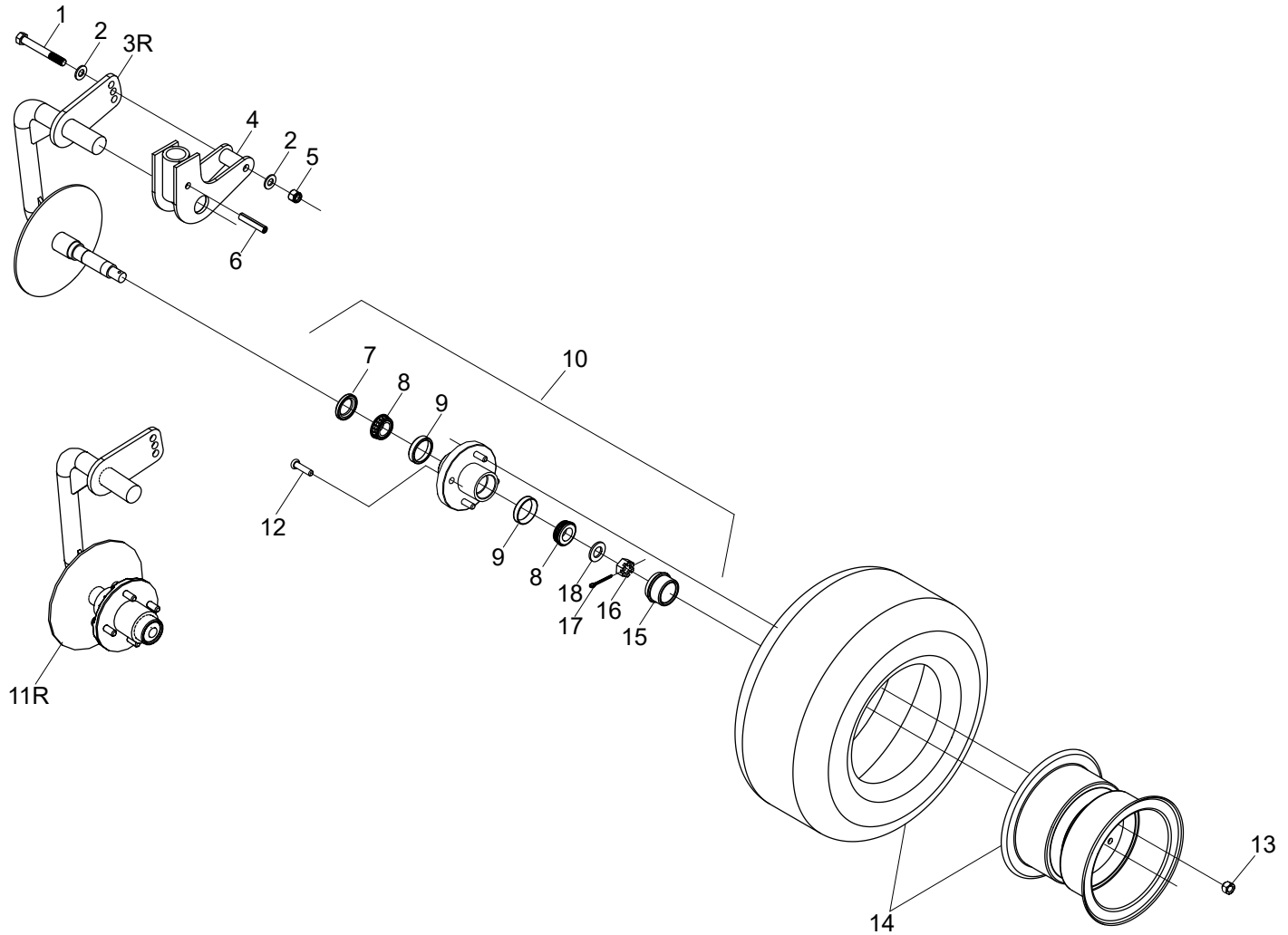


Ref#	Description	Part#	Qty
1	Nylon Locknut, 3/8	003000	8
2	Guard Cradle	702696	2
3	Bolt, 3/8 x 1	000270	8
4	Guard Bracket	702704	1
5	Retaining Ring	702883	2
6	Machinery Bushing, 1/4	001008	2
7	Cylinder Bracket	702837	1
8	Cylinder Bracket	702836	1
9	Safety Washer	702821	8
10	Bolt, 1/2 x 1-1/2	000435	8
11	Wing Weldment, Right	702863	1
*	Wing Weldment, Left	702865	1

Ref#	Description	Part#	Qty
12	Bronze Bushing	703535	2
13	Wing Hex Shaft	702882	1
14	Bearing Bracket	702877	1
15	Finger Joint Bearing	403789	1
16	Spacer	702668	1
17	8 Finger Joint w/ Hex Bore, S/N -97155	702908	1
*	7 Finger Joint w/ Hex Bore, S/N 97155+	703546	1
18	Lock Washer, 3/8	000820	8
20	Gearbox Counter Clockwise	704002	1
	Gearbox Clockwise	704019	
21	Wrap Guard	702734	1
22	Tine Mounting Plate	702714	1
23	Bolt, 7/16 x 1-1/2	000725	7
24	Tine Arm Ring	700942	1
25	Nylon Locknut, 7/16	000385	7
26	Radius Washer	701008	14
27	Tine Arm	702718	7
28	Bolt, 1/2 x 3 Gr.8	000471	7
29	Bottom Tine Washer	701004	7
30	Tine Pitch Washer	701005	7
31	Black Tine, CCW Rotation	700901	7
	Gray Tine, CW Rotation	700929	
32	Nylon Locknut, 1/2	000950	7
33	Bolt, 7/16 x 2-1/2	000375	7
34	Outer Guard	702693	1
35	Finger & Bearing Assembly, S/N -97155	702874	1
*	Finger & Bearing Assembly, S/N 97155+	705068	1

NOTE: Quantities listed are for left side only

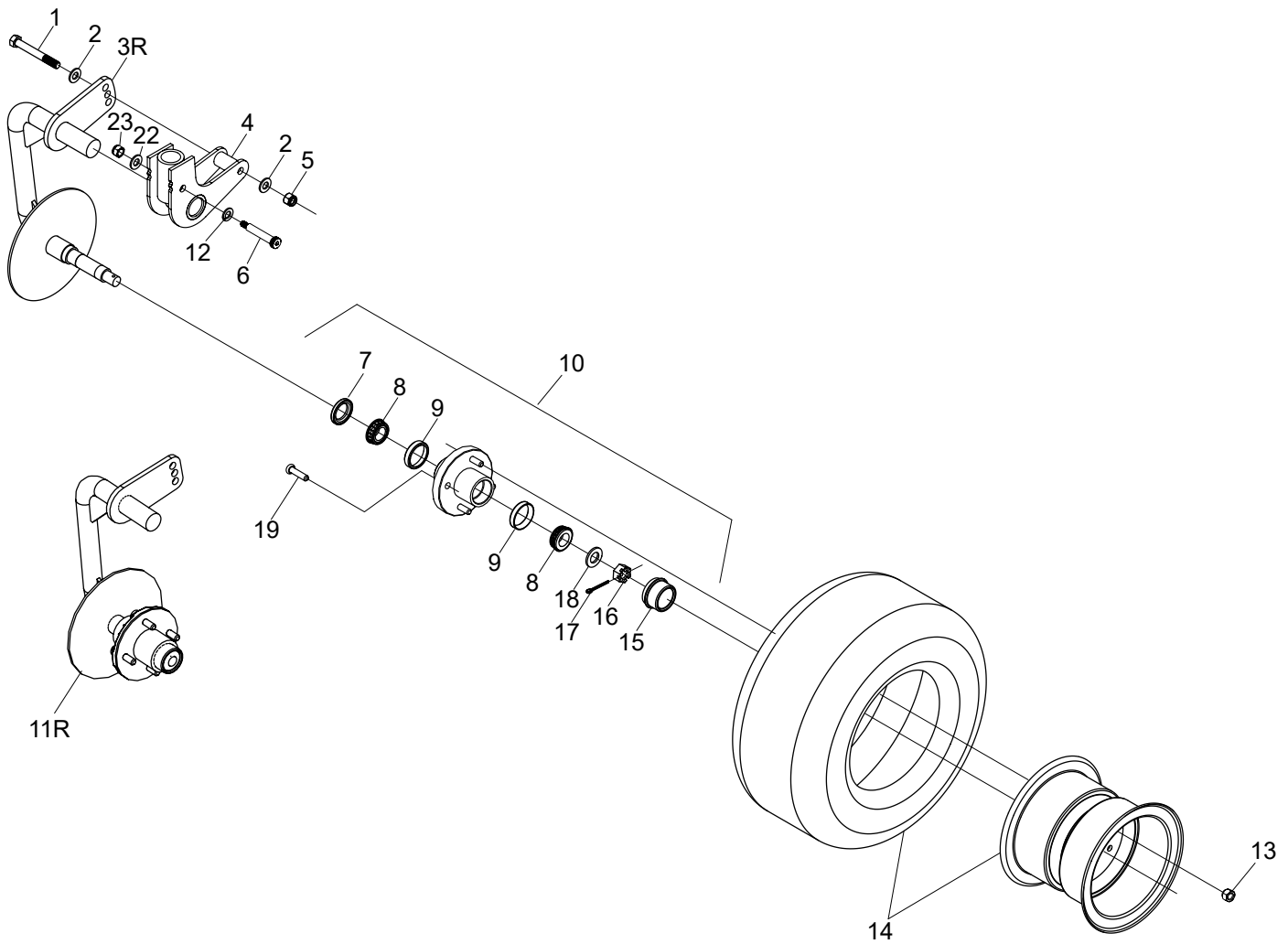
Axle & Wheel S/N -95002



Ref#	Description	Part#	Qty
1	Bolt, 1/2 x 4	000490	1
2	SAE Washer, 1/2	001061	2
3R	Spindle Assembly, Right	702825	1
3L	Spindle Assembly, Left	702824	1
4	Spindle Bracket	702729	1
5	Nylon Locknut, 1/2	000950	1
6	Spirol Roll Pin	702019	1
7	Grease Seal	500201	1
8	Bearing, L44643	500202	2
9	Race, L44610	500204	2
10	Complete Hub	500199	1
11R	Right Spindle and Hub Assembly	702913	1
11L	Left Spindle and Hub Assembly	702912	1

Ref#	Description	Part#	Qty
12	Drive-In Stud	508505	4
13	Lug Bolt (for threaded hub)	500210	4
	Lug Nut (for drive in stud)	508506	
14	Tire and Wheel	500220	1
15	Dust Cap	500209	1
16	Spindle Nut	500207	1
17	Cotter Pin	500208	1
18	Spindle Washer	500206	1

Axle & Wheel S/N 95002+



Ref#	Description	Part#	Qty
1	Bolt, 1/2 x 4	000490	1
2	SAE Washer, 1/2	001061	2
3R	Spindle Assembly, Right	702825	1
3L	Spindle Assembly, Left	702824	1
4	Spindle Bracket	703763	1
5	Nylon Locknut, 1/2	000950	1
6	3/8" x 2-1/2" x 5/16" Shoulder Bolt	703772	1
7	Grease Seal	500201	1
8	Bearing, L44643	500202	2
9	Race, L44610	500204	2
10	Complete Hub	500199	1
11	Tire	500221	1

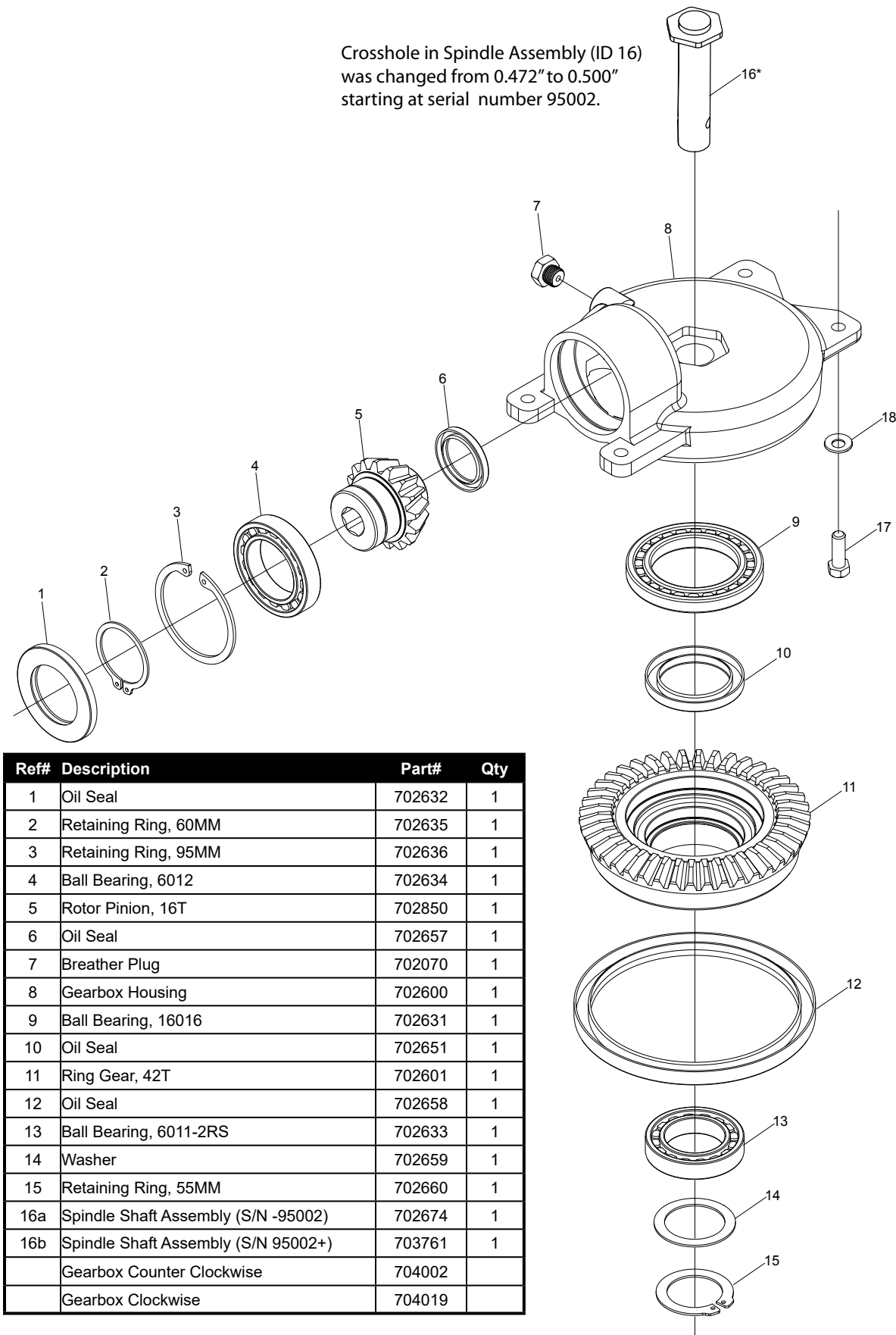
Ref#	Description	Part#	Qty
12	Rim	500222	1
13	Lug Bolt (for threaded hub)	500210	4
	Lug Nut (for drive in stud)	508506	
14	Tire and Wheel	500220	1
15	Dust Cap	500209	1
16	Spindle Nut	500207	1
17	Cotter Pin	500208	1
18	Spindle Washer	500206	1
19	Drive-In Stud	508505	4
20R	Right Spindle and Hub Assembly	702913	1
20L	Left Spindle and Hub Assembly	702912	1
21	1/2" Split Lock Washer	000840	1

This exploded view diagram illustrates the assembly of a mechanical component, likely a pump or valve. The components are numbered 1 through 26. The assembly is shown in a disassembled state, with parts arranged in a linear fashion from left to right. Key components include a central housing (13), a shaft (9), a piston (10), and various seals and O-rings (1, 2, 3, 4, 5, 6, 7, 8, 11, 12, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26). The diagram uses standard engineering conventions to show the relative positions and assembly sequence of the parts.

Ref#	Description	Part#
13	30 Lb Disk Spring- Bearing Preloader	703566
14	Gearbox Disk Spring Holder	703567
15	Ext. Retaining Ring, 35Mm	702648
16	Input Cap O-Ring	703659
17	Input Shaft Housing For Tapered Roller Bearing	703563
18	7/16 Serrated Safety Washer, 0130155	702663
19	7/16-20 X 1 Hex Head Bolt Gr. 8	000349
20	Oil Seal,- 35Mm X 72Mm X 12Mm	702656
21	O-Ring	702646
22	Input Gear Spacer For 17X20 Gearbox	703570
23	6010 Open Ball Bearing	702638
24	Oil Seal,- 50Mm X 80Mm X 8Mm	702654
	Complete High Speed Center Gearbox	703621

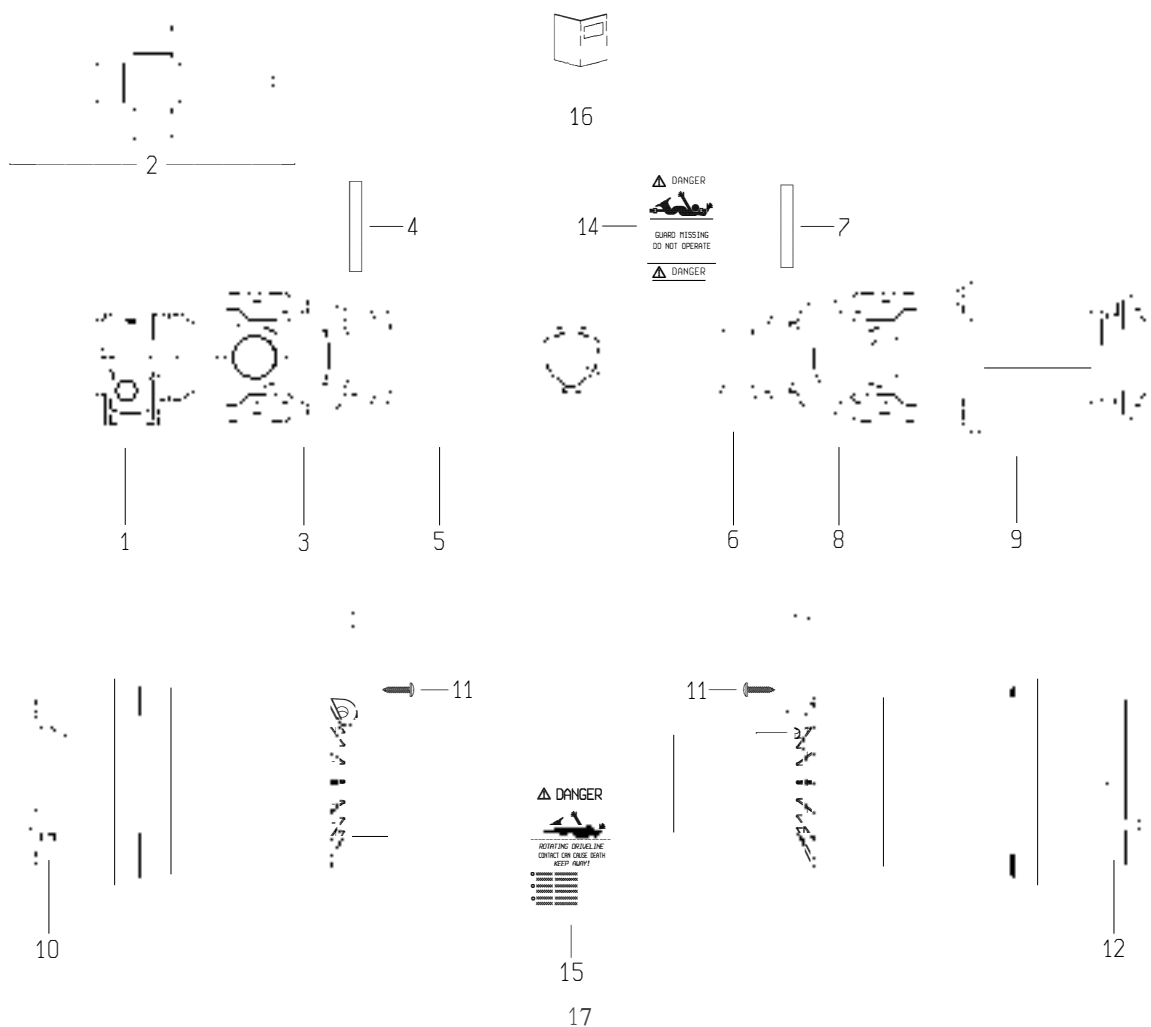
Rotor Gearbox Assembly

Crosshole in Spindle Assembly (ID 16)
was changed from 0.472" to 0.500"
starting at serial number 95002.



Ref#	Description	Part#	Qty
1	Oil Seal	702632	1
2	Retaining Ring, 60MM	702635	1
3	Retaining Ring, 95MM	702636	1
4	Ball Bearing, 6012	702634	1
5	Rotor Pinion, 16T	702850	1
6	Oil Seal	702657	1
7	Breather Plug	702070	1
8	Gearbox Housing	702600	1
9	Ball Bearing, 16016	702631	1
10	Oil Seal	702651	1
11	Ring Gear, 42T	702601	1
12	Oil Seal	702658	1
13	Ball Bearing, 6011-2RS	702633	1
14	Washer	702659	1
15	Retaining Ring, 55MM	702660	1
16a	Spindle Shaft Assembly (S/N -95002)	702674	1
16b	Spindle Shaft Assembly (S/N 95002+)	703761	1
	Gearbox Counter Clockwise	704002	
	Gearbox Clockwise	704019	

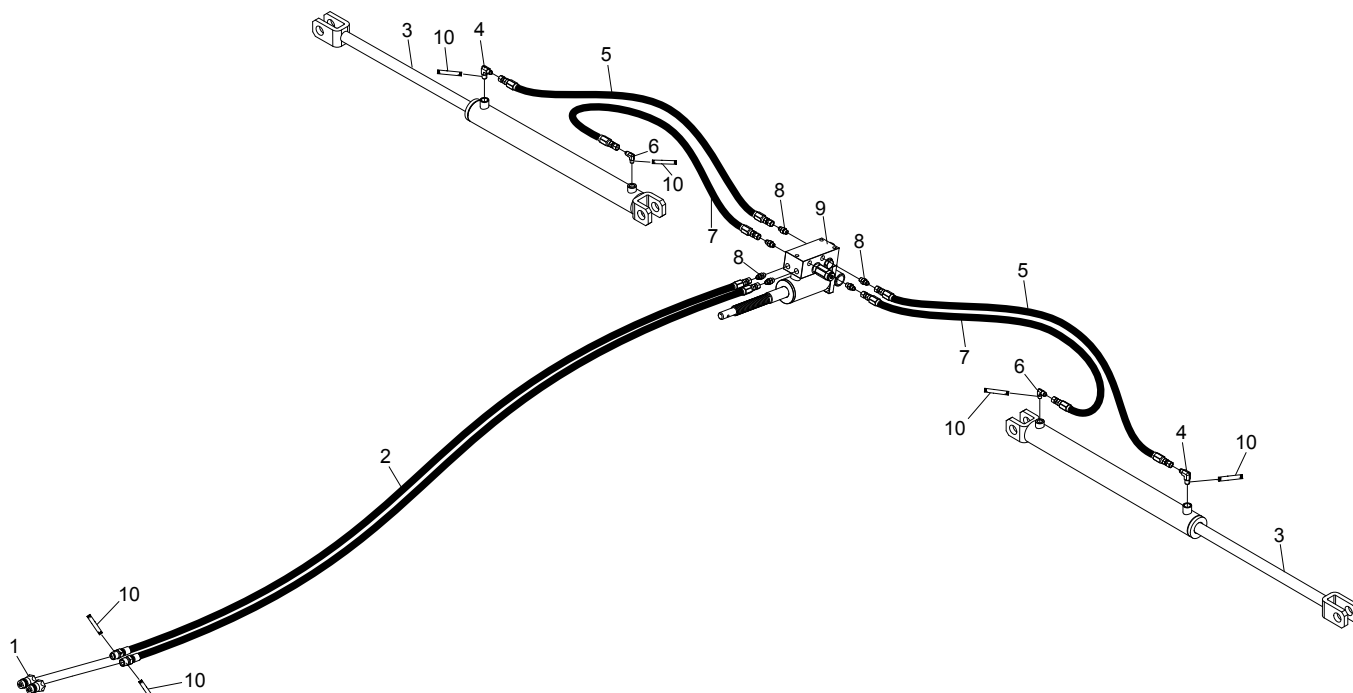
PTO Shaft



Ref#	Description	Part#
1	Yoke #4/S4 1-3/8"Z6 Shrouded Pin (007)	500427
2	Cross Kit S4-G4 27X74.6 Cap Zerk	500428
3	Tube Yoke #4-G4 Outer (43.5)	500429
4	Flexible Roll Pin 8X60 Din1481	500430
5	Cardan Tube Outer 12508 L=1270	500431
6	Cardan Tube Inner 12507 L=1270	500432
7	Flexible Roll Pin 8X55 Din1481	500433
8	Tube Yoke #4-G4 Inner (36.0)	500434
9	Ratchet Clutch Assembly	500435

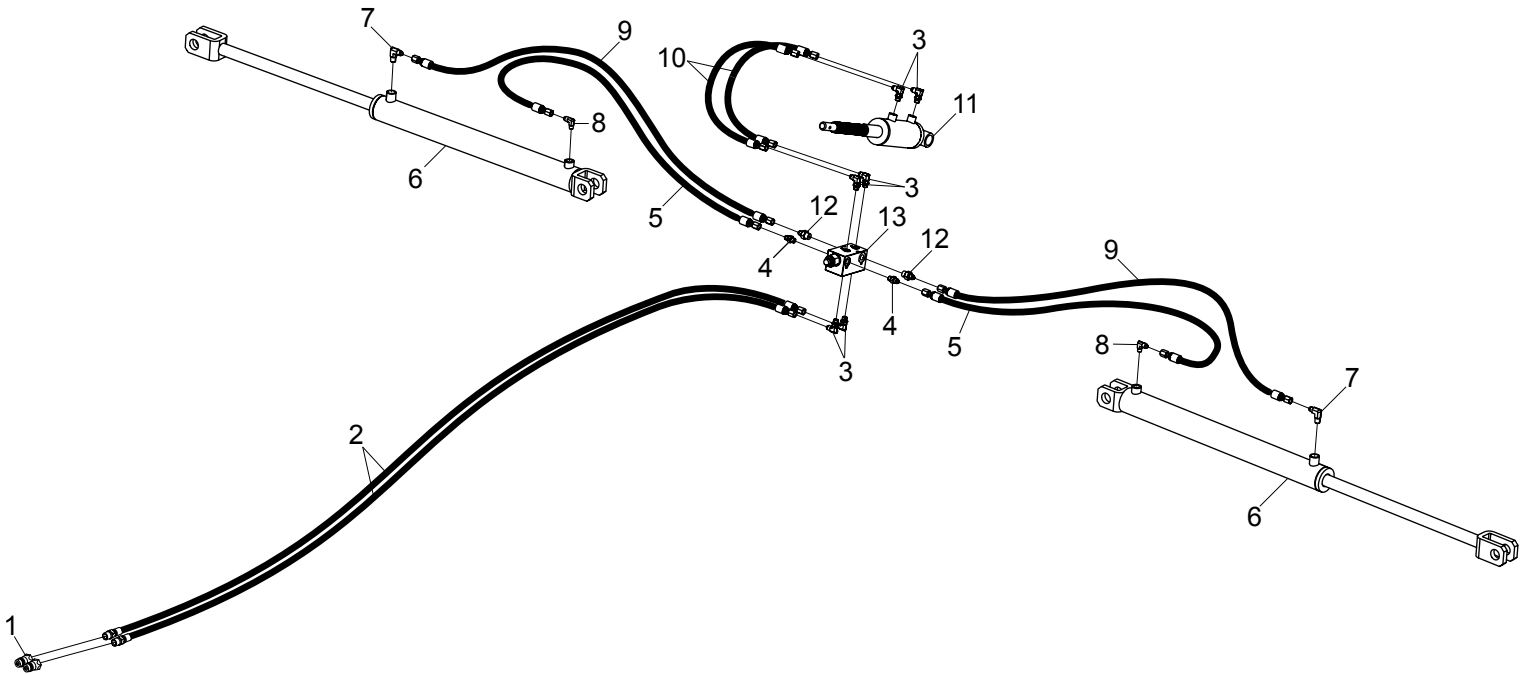
Ref#	Description	Part#
10	Shield Support Outer G3-G4	500436
11	Screw 4.8X22 Self Tap Zinc	500417
12	Shield Support Inner G3-G4	500437
13	Shield Chain W/S-Hook L=500Mm	500420
14	Label - Danger - Outer Drive Tube	500421
15	Label - Danger - Outer Shield Tube	500422
16	Instruction Booklet	500423
17	Complete Shield Kit	701080

Hydraulics -94344



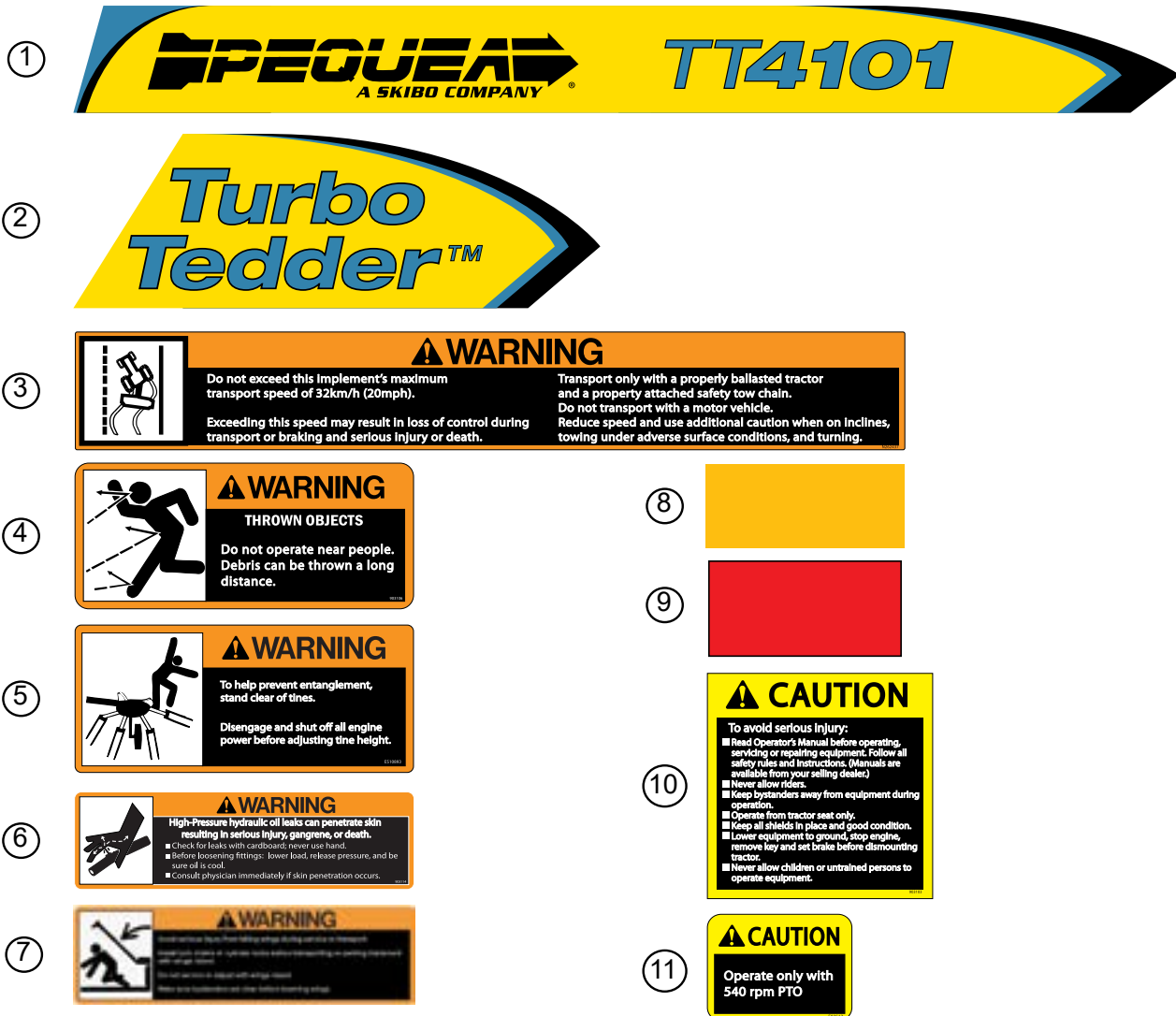
Ref#	Description	Part#	Qty
1	Hydraulic Coupler	290105	2
2	Hose, 118"	701039	2
3	Cylinder	701040	2
4	Elbow Fitting	101916	2
5	Hose, Rod End	702844	2
6	Elbow Fitting	702459	2
7	Hose, Base End	701038	2
8	Straight Fitting	290195	6
9	Tilt Cylinder	701033	1

Hydraulics 94344+



Ref#	Description	Part#	Qty
1	Hydraulic Coupler	290105	2
2	Hose, 118"	701039	2
3	90 Degree Fitting, #4 MJ x #4 MB	700948	6
4	Straight Fitting	290195	2
5	Hose, 41"	701038	2
6	Cylinder	701040	2
7	Elbow Fitting	101916	2
8	Elbow Fitting	702459	2
9	Hose, 50-1/2"	702844	2
10	Hose, 15-1/2"	703379	2
11	Front Tilt Cylinder, No Manifold	703604	1
12	#4MJ x #6MB Straight Fitting	703620	2
13	4100 Manifold	703619	1

Decals



Ref#	Description	Part#	Qty
1	TT4101 Decal	703707	2
2	TurboTedder Decal	702196	2
3	Warning, Speed	903124	1
4	Warning, Thrown Objects	903106	2
5	Warning, Prevent Entanglement	903123	2
6	Warning, Hydraulic Pressure	903114	1
7	Warning, Crushing Hazard	903134	1
8	Amber Retroreflective Decal	903121	1
9	Red Retroreflective Decal	903112	2
10	Caution, General Information	903103	1
11	Caution, 540 PTO	903107	1
	Complete Decal Kit, TT4100	702864	1