



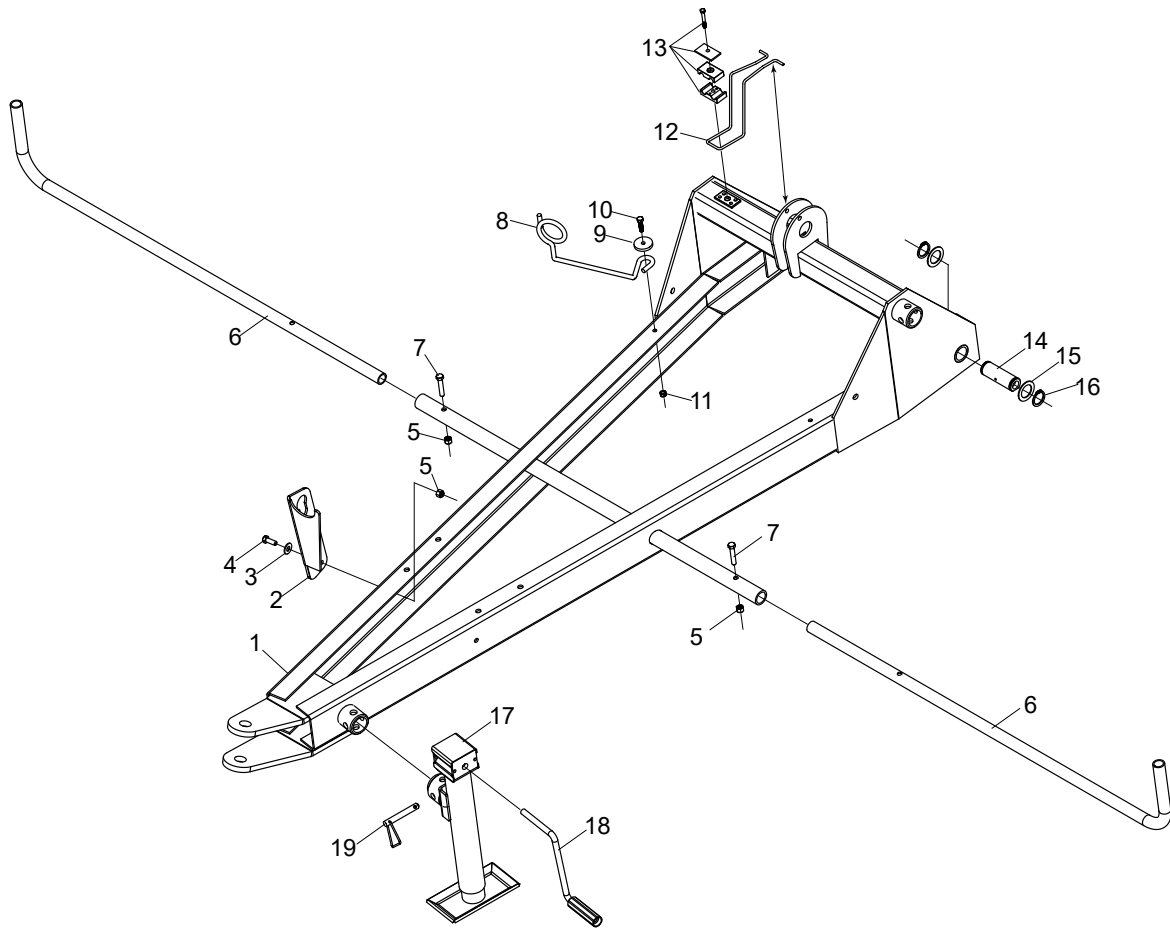
TT4100 Rotary Tedder

Serial numbers 88750 and higher

Illustrated Parts Breakdown

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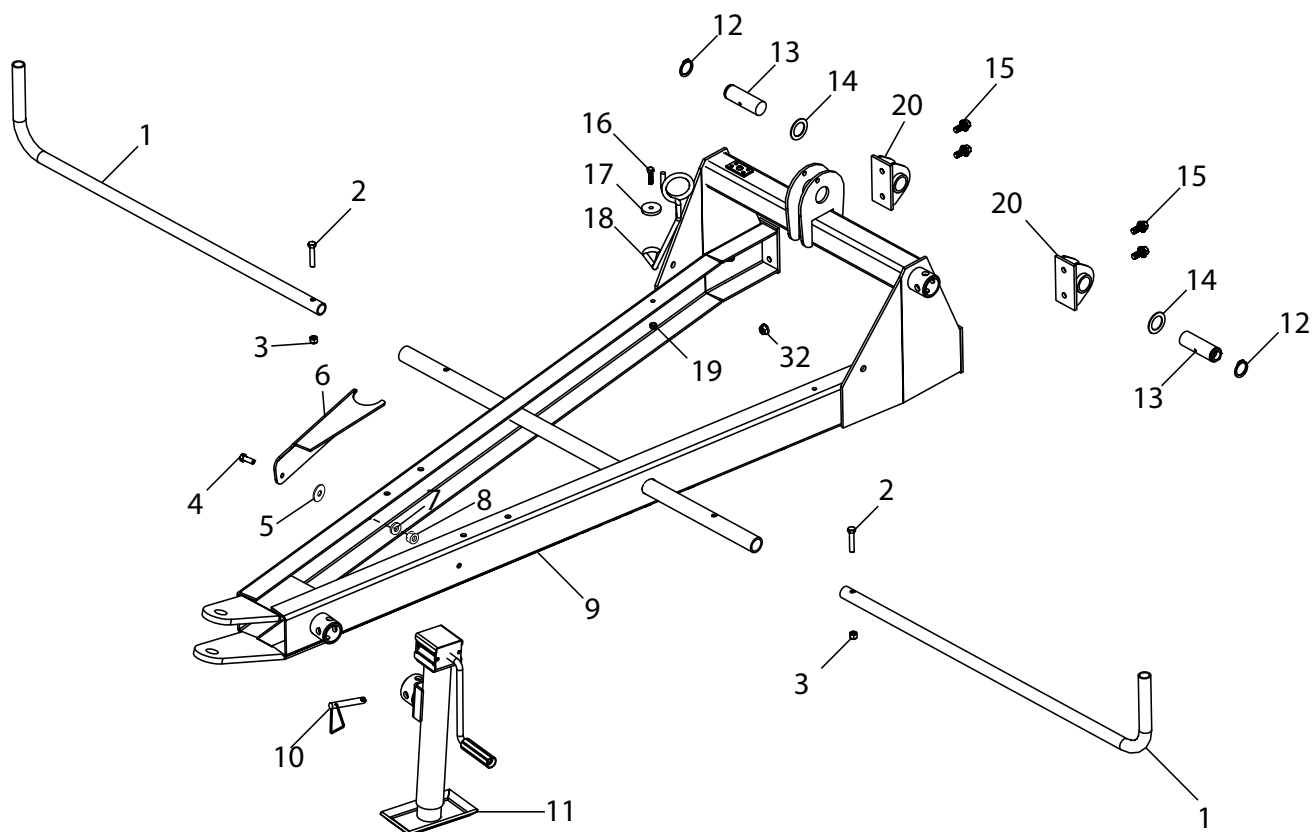
TT4100 Tongue Assembly S/N -91552



Ref#	Description	Part#	Qty
1	Tongue Assembly	702796	1
2	PTO Stand	500015	1
3	Washer, 3/8	001035	1
4	Bolt, 3/8 x 1	000270	1
5	Nylon Locknut, 3/8	003000	3
6	Guard	702755	2
7	Bolt, 3/8 x 1-1/2	000286	2
8	Hose Support	502288	1
9	Hose Support Washer	502308	1
10	Bolt, 5/16 x 1-1/4	000230	1
11	Nylon Locknut, 5/16	002999	1
12	Handle Lock	702713	1
13	Hose Holding Kit	507294	1
14	Tongue Pivot Pin	702829	2
15	Machinery Bushing, 1-1/4	500185	4

Ref#	Description	Part#	Qty
16	Retaining Ring	702826	4
17	Jack, Complete	903317	1
18	Jack Handle	903318	1
19	Pin and Chain	500012	1
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			

TT4100 Tongue Assembly S/N 91552 - 92935



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	703105
10	Jack Mount Pin	500012
11	2K Side Wind Jack	903317
12	External Retaining Ring, 1.25	702826
13	Tongue Pivot Pin	702829
14	Machinery Bushing, 1.25	500185
15	7/16" x 1" Serrated Flange Bolt	000724

* Top or side wind jacks fit on same mounting stub

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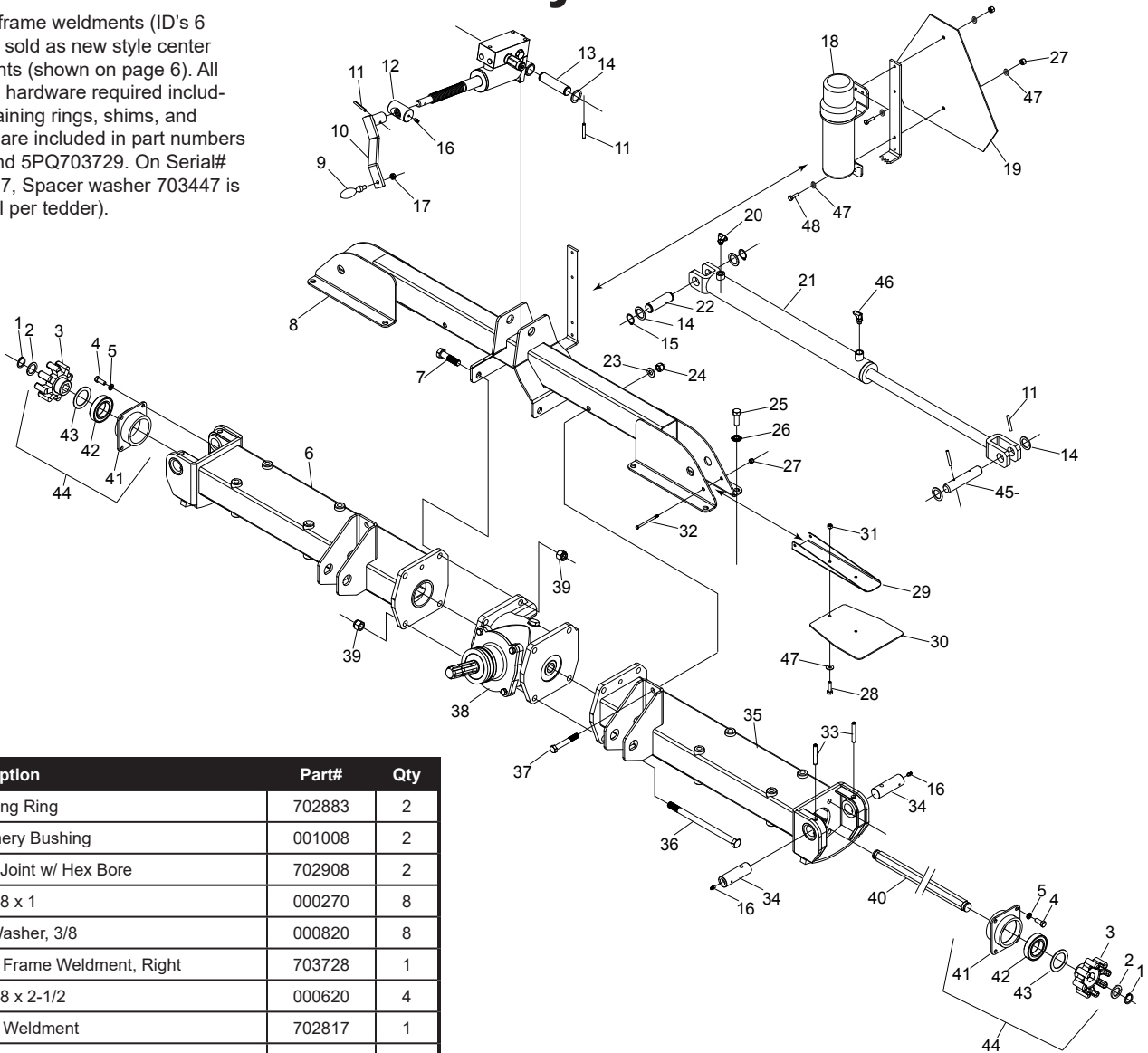
This diagram illustrates the exploded view of a mechanical assembly, likely a bicycle rear rack. The components are numbered 1 through 22. The main frame (1) is shown in two orientations. The central assembly includes a horizontal bar (9) with a diagonal support (8) and a vertical support (7). A rear wheel (10) is shown at the bottom. The assembly is secured with various bolts (15, 16, 17, 18, 19, 20, 21, 22) and washers (12, 13, 14). A small component (11) is shown at the bottom left.

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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 6). All pivot mounting hardware required including D pins, retaining rings, shims, and grease fittings are included in part numbers 5PQ703728 and 5PQ703729. On Serial# less than 93197, Spacer washer 703447 is needed (8 total per tedder).

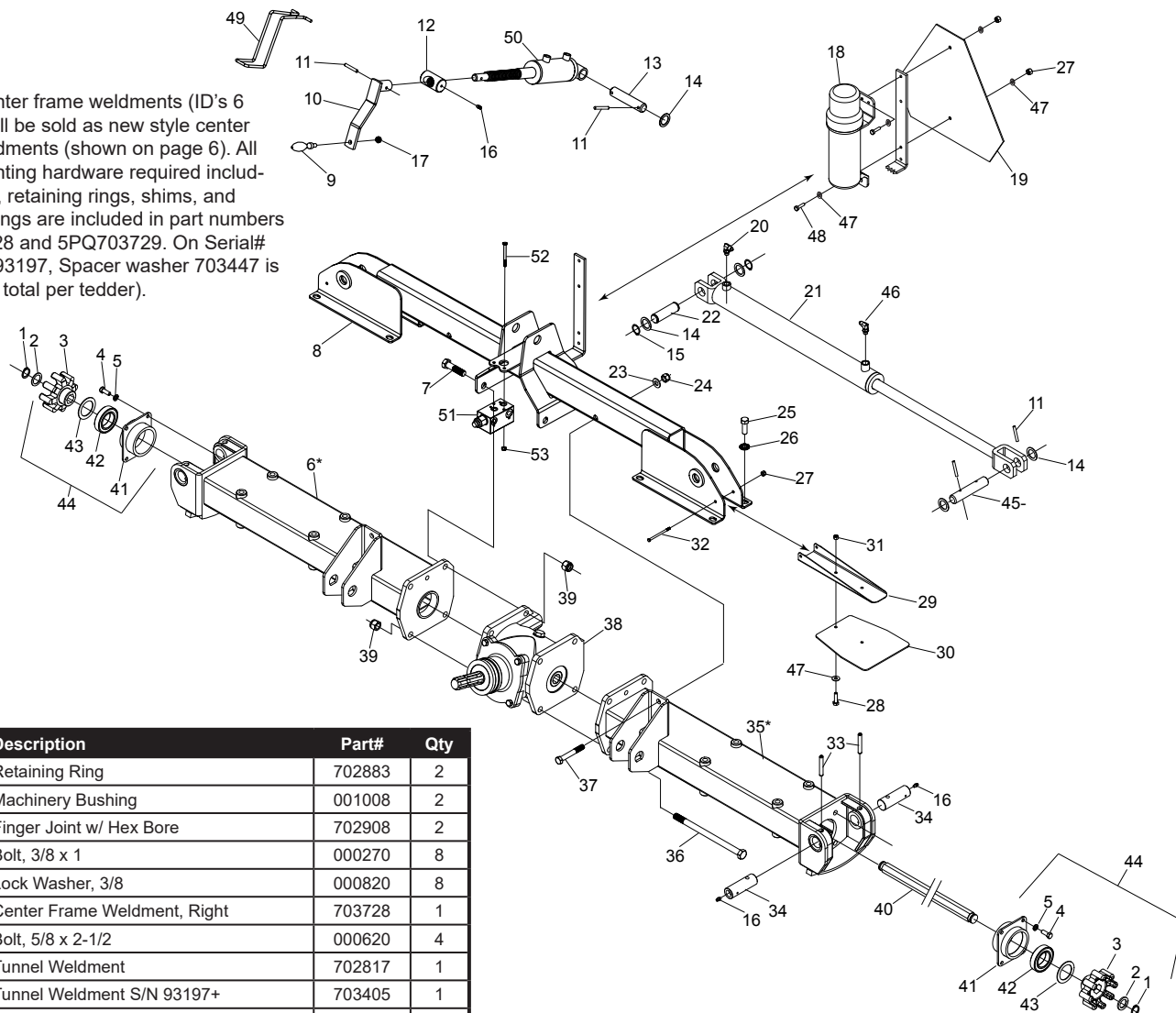


Ref#	Description	Part#	Qty
1	Retaining Ring	702883	2
2	Machinery Bushing	001008	2
3	Finger Joint w/ Hex Bore	702908	2
4	Bolt, 3/8 x 1	000270	8
5	Lock Washer, 3/8	000820	8
6	Center Frame Weldment, Right	703728	1
7	Bolt, 5/8 x 2-1/2	000620	4
8a	Tunnel Weldment	702817	1
8b	Tunnel Weldment S/N 93197+	703405	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	703729	1
36	Bolt, 5/8 x 10	000690	2
37	Bolt, 1/2 x 4	000205	2
38	Center Gearbox Assembly	702846	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

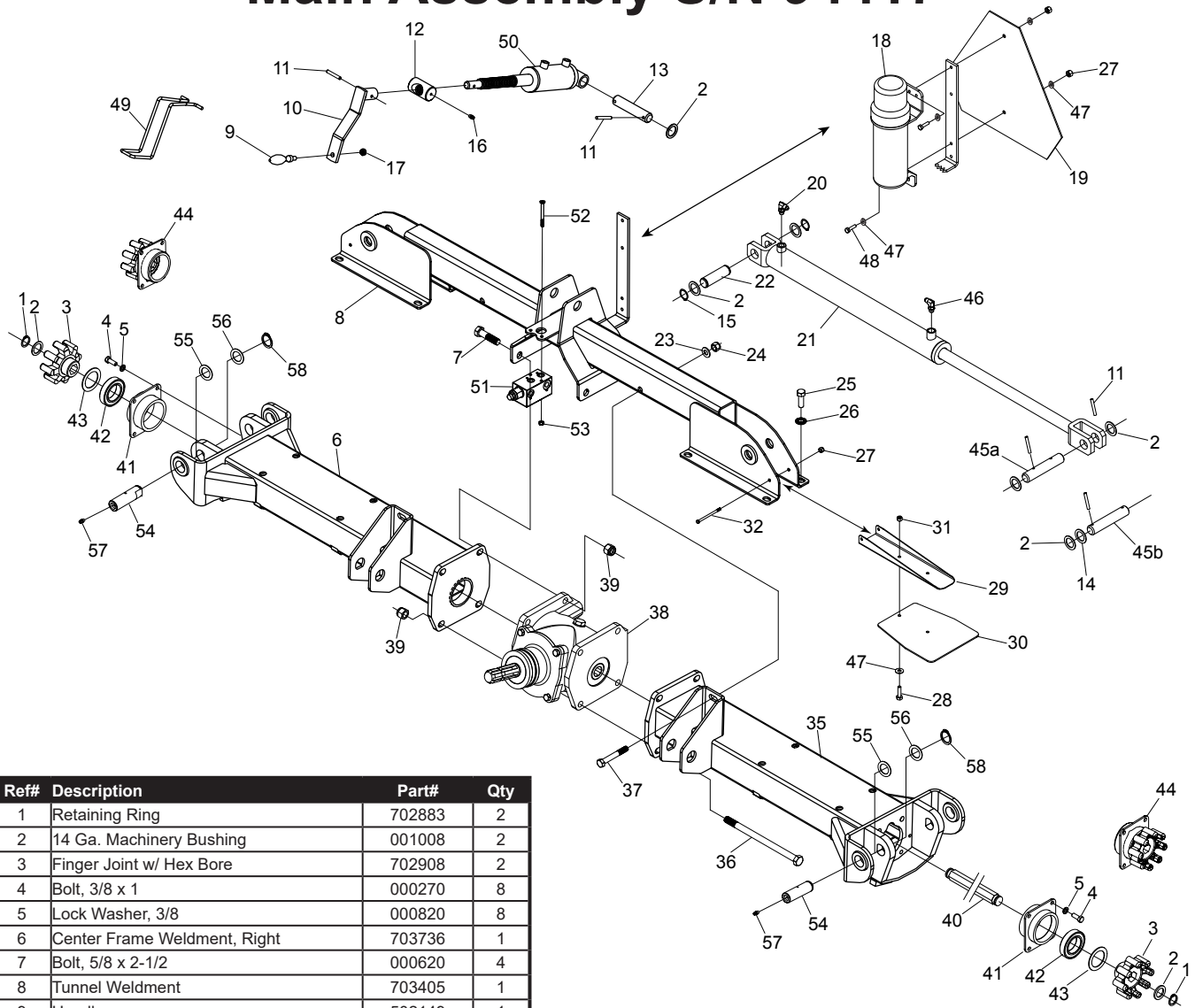
*Note: Center frame weldments (ID's 6 and 35) will be sold as new style center frame weldments (shown on page 6). All pivot mounting hardware required including D pins, retaining rings, shims, and grease fittings are included in part numbers 5PQ703728 and 5PQ703729. On Serial# less than 93197, Spacer washer 703447 is needed (8 total per tedder).



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	703728	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	703729	1
36	Bolt, 5/8 x 10	000690	2
37	Bolt, 1/2 x 4	000205	2
38	Center Gearbox Assembly	702846	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

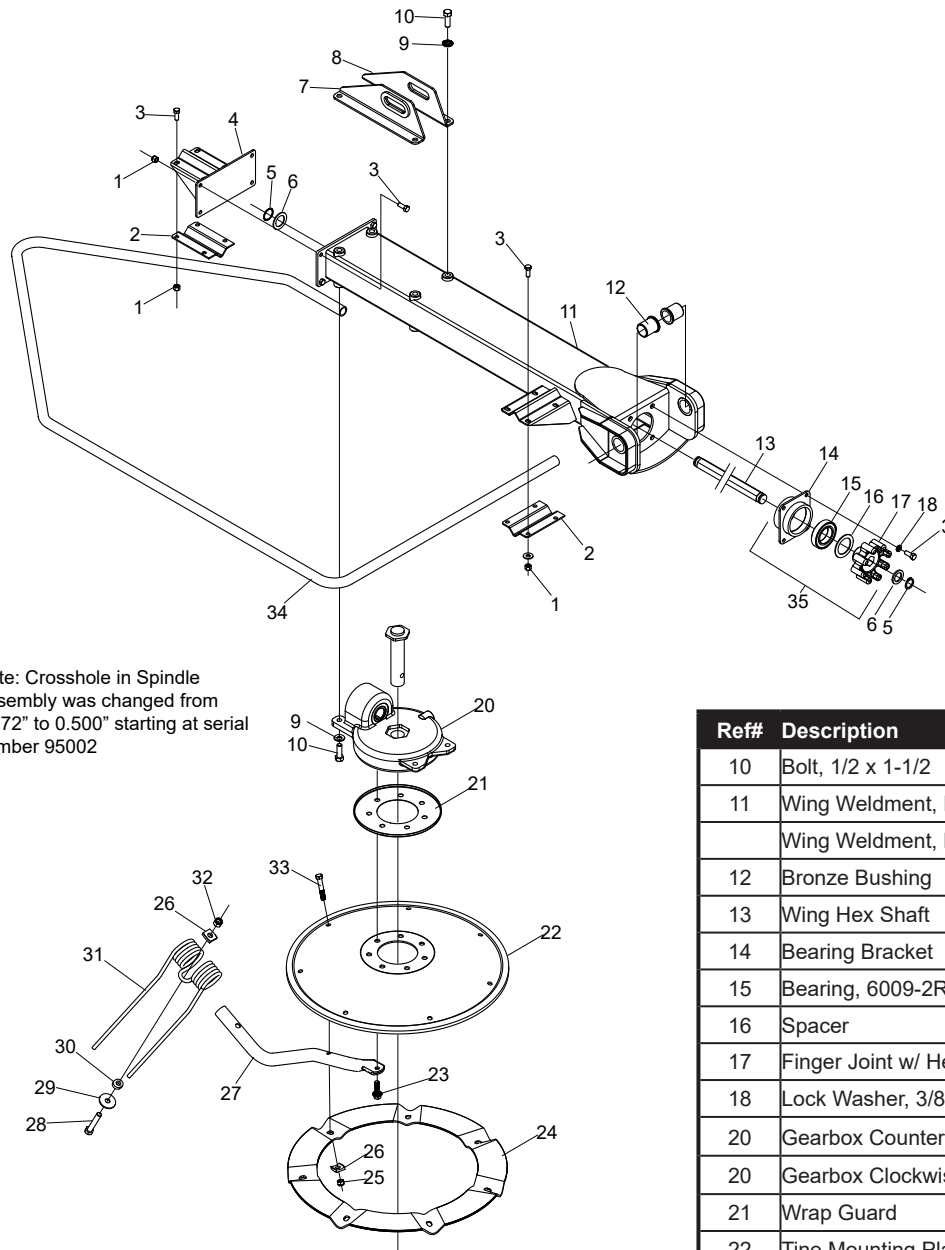
Main Assembly S/N 94417+



Ref#	Description	Part#	Qty
1	Retaining Ring	702883	2
2	14 Ga. 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	703736	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	10 Ga. Machinery Bushing	001006	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	703735	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	702846	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
45a	Rod End Cylinder Pin S/N -95014	701017	2
45b	Rod End Cylinder Pin S/N 95014+	701021	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

TT4100 Rotor and Wing Assembly



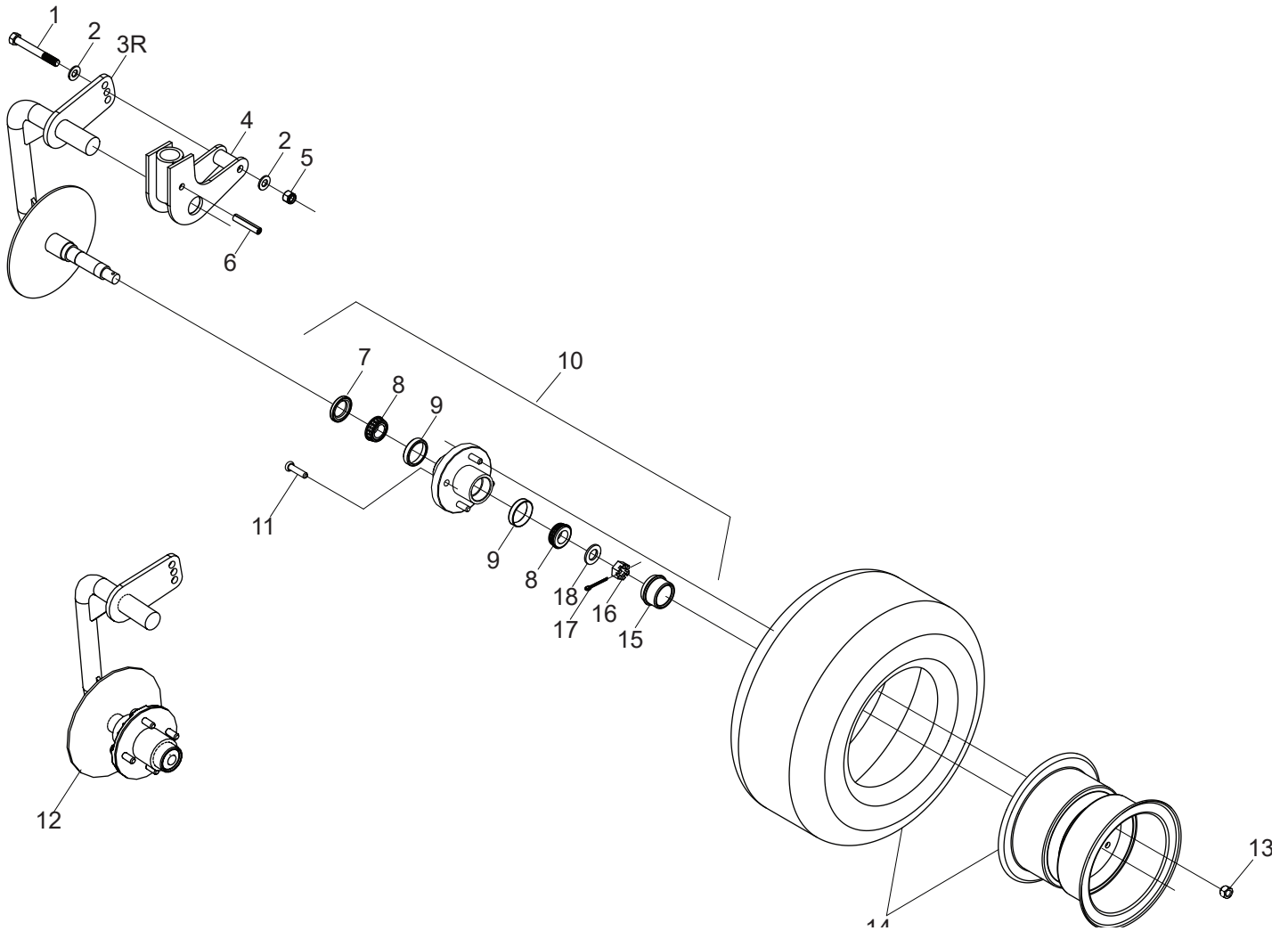
Note: Crosshole in Spindle Assembly was changed from 0.472" to 0.500" starting at serial number 95002

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
7a	Cylinder Bracket S/N -95014	702837	1
7b	Cylinder Bracket S/N 95014+	703726	1
8b	Cylinder Bracket S/N -95014	702836	1
8b	Cylinder Bracket S/N 95014+	703724	1
9	Safety Washer	702821	8

Ref#	Description	Part#	Qty
10	Bolt, 1/2 x 1-1/2	000435	8
11	Wing Weldment, Right	702863	1
	Wing Weldment, Left	702865	
12	Bronze Bushing	703535	2
13	Wing Hex Shaft	702882	1
14	Bearing Bracket	702877	1
15	Bearing, 6009-2RS	702613	1
16	Spacer	702668	1
17	Finger Joint w/ Hex Bore	702908	1
18	Lock Washer, 3/8	000820	8
20	Gearbox Counter Clockwise	704002	
20	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	702874	1

NOTE: Quantities listed are for left side only

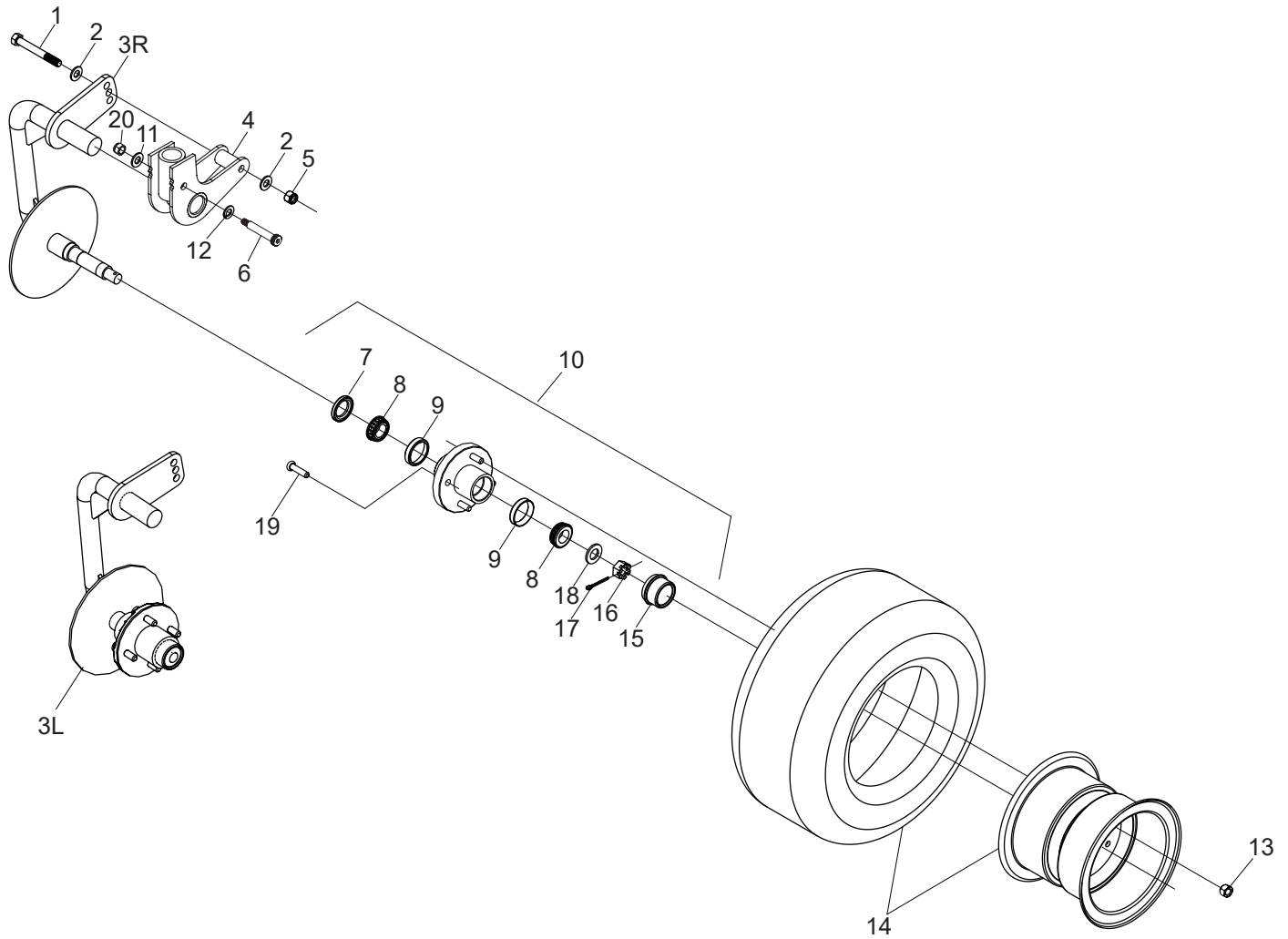
Axle & Wheel S/N -95002



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
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

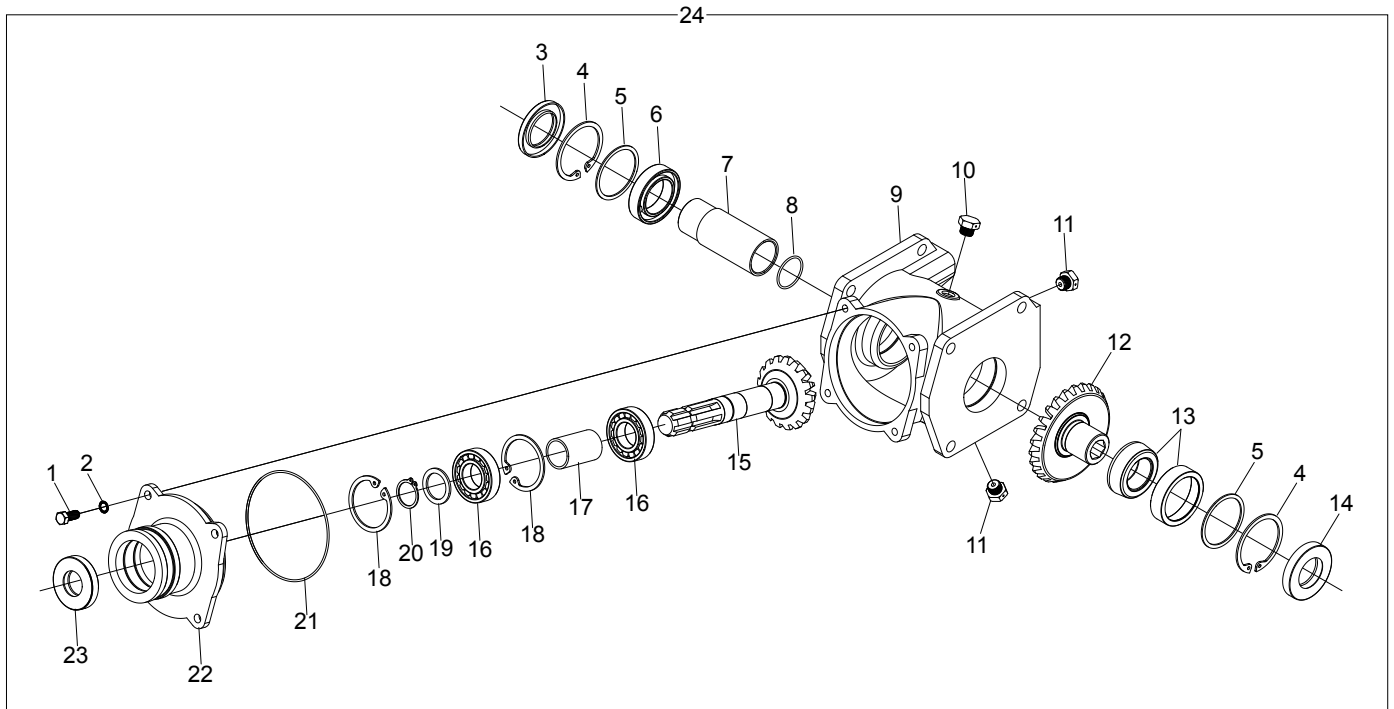
Axle & Wheel S/N 95002+



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	1/2" 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	Right Spindle and Hub Assembly	702913	1
	Left Spindle and Hub Assembly	702912	1

Ref#	Description	Part#	Qty
12	1/2" Split Lock Washer	000840	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

Input Gearbox Assembly

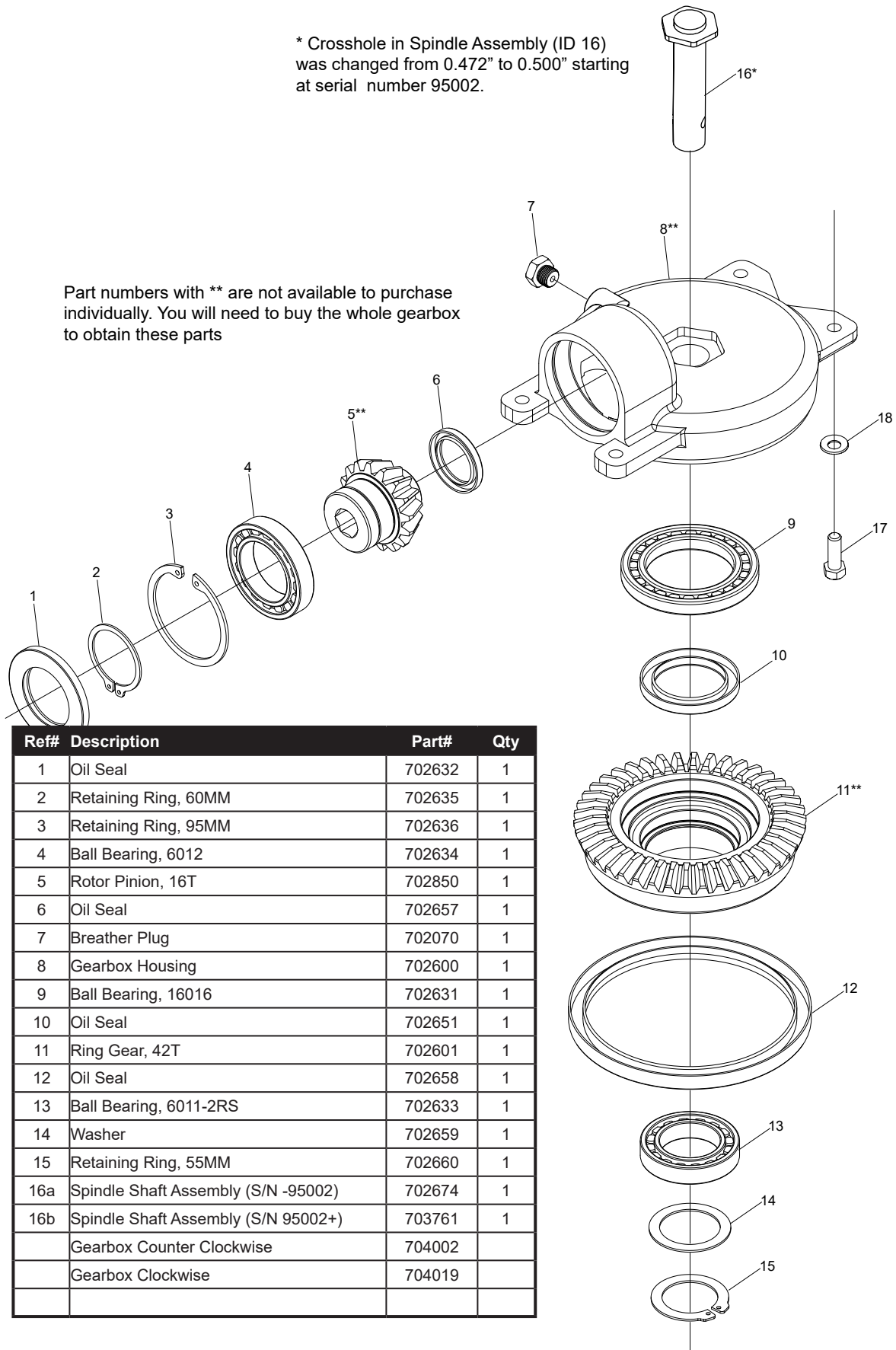


Ref#	Description	Part#	Qty
1	Bolt, 7/16 x 1 Gr. 8	000349	4
2	Safety Washer, 7/16	702663	4
3	Oil Seal	702654	1
4	Retaining Ring, 80MM	702643	2
5	Spacer Washer	702661	2
6	Ball Bearing, 6010	702638	1
7	Gear Spacer	702847	1
8	O-Ring	702646	1
9	Gearbox Housing	702615	1
10	Breather Plug	703116	1
11	Plug	703115	2
12	26T Gear	702845	1
13	Tapered Bearing Set, 33109	702841	1
14	Oil Seal	702655	1
15	Input Shaft, 17T	702647	1
16	Ball Bearing, 6207	702644	2
17	Bearing Spacer	702649	1
18	Retaining Ring, 72MM	702650	2
19	Washer	702662	1
20	Retaining Ring, 35MM	702648	1
21	O-Ring	703659	1
22	Input Shaft Housing	702645	1
23	Oil Seal	702656	1
	Complete Center Gearbox	702846	

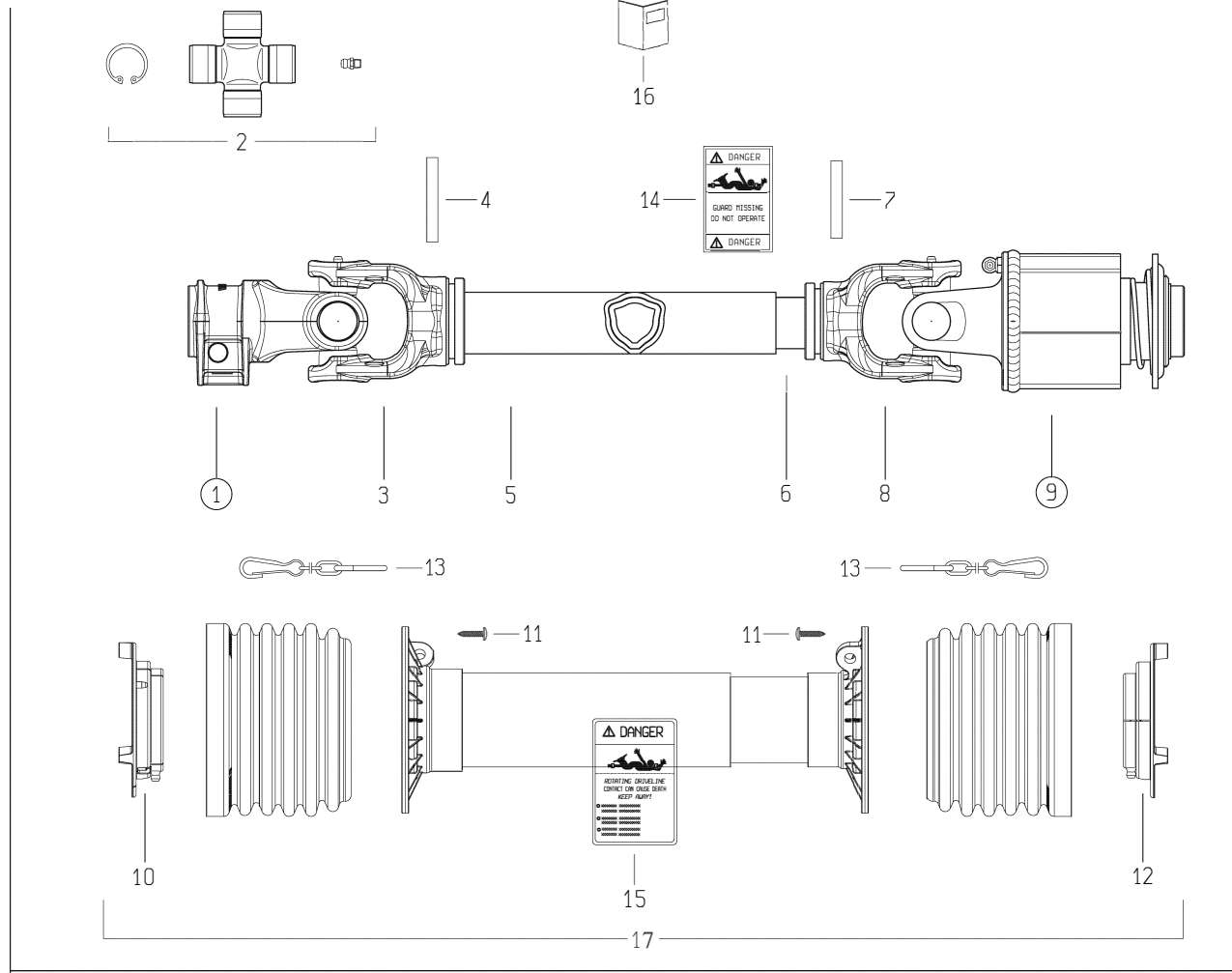
Rotor Gearbox Assembly

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

Part numbers with ** are not available to purchase individually. You will need to buy the whole gearbox to obtain these parts



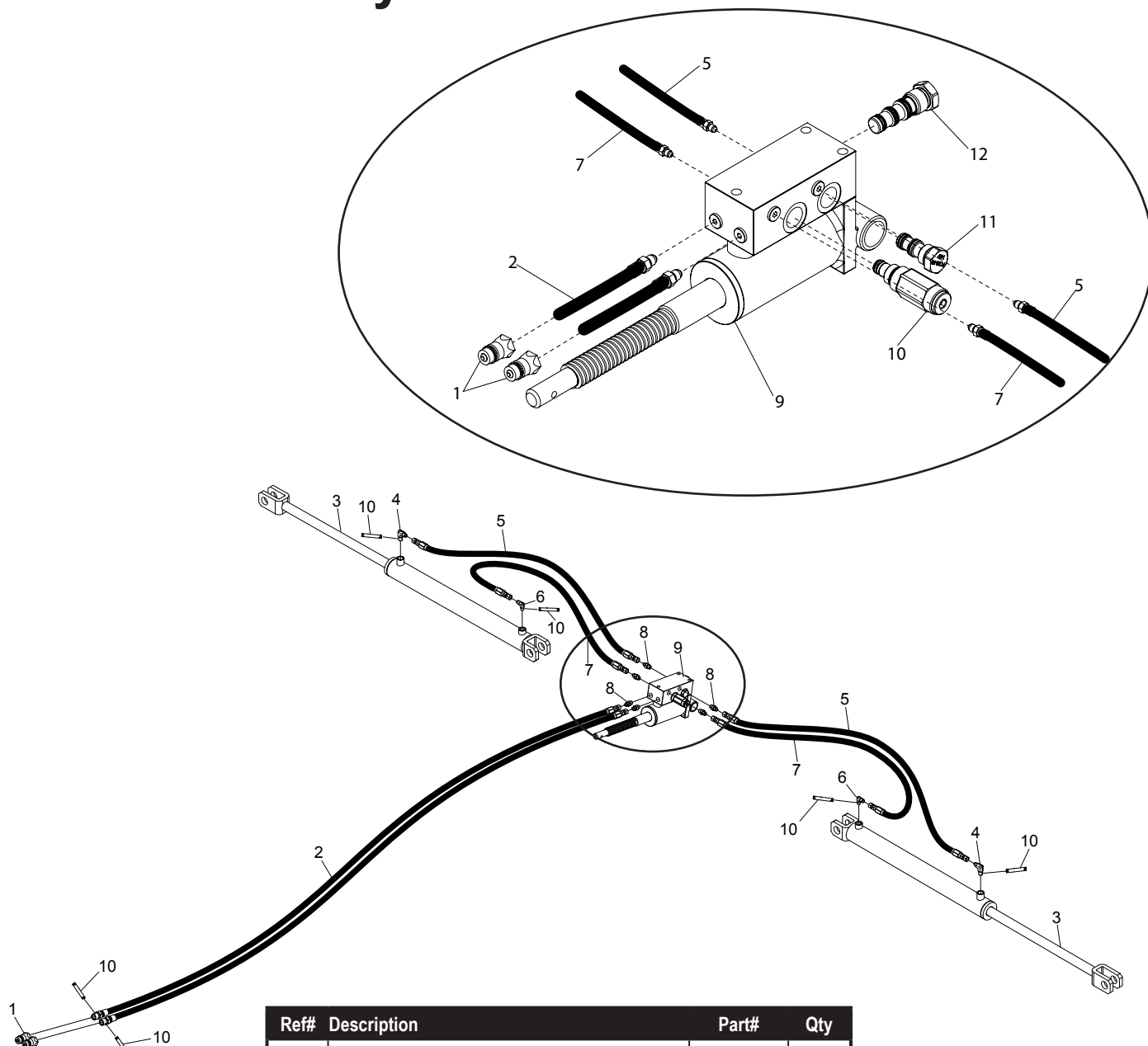
PTO Shaft



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

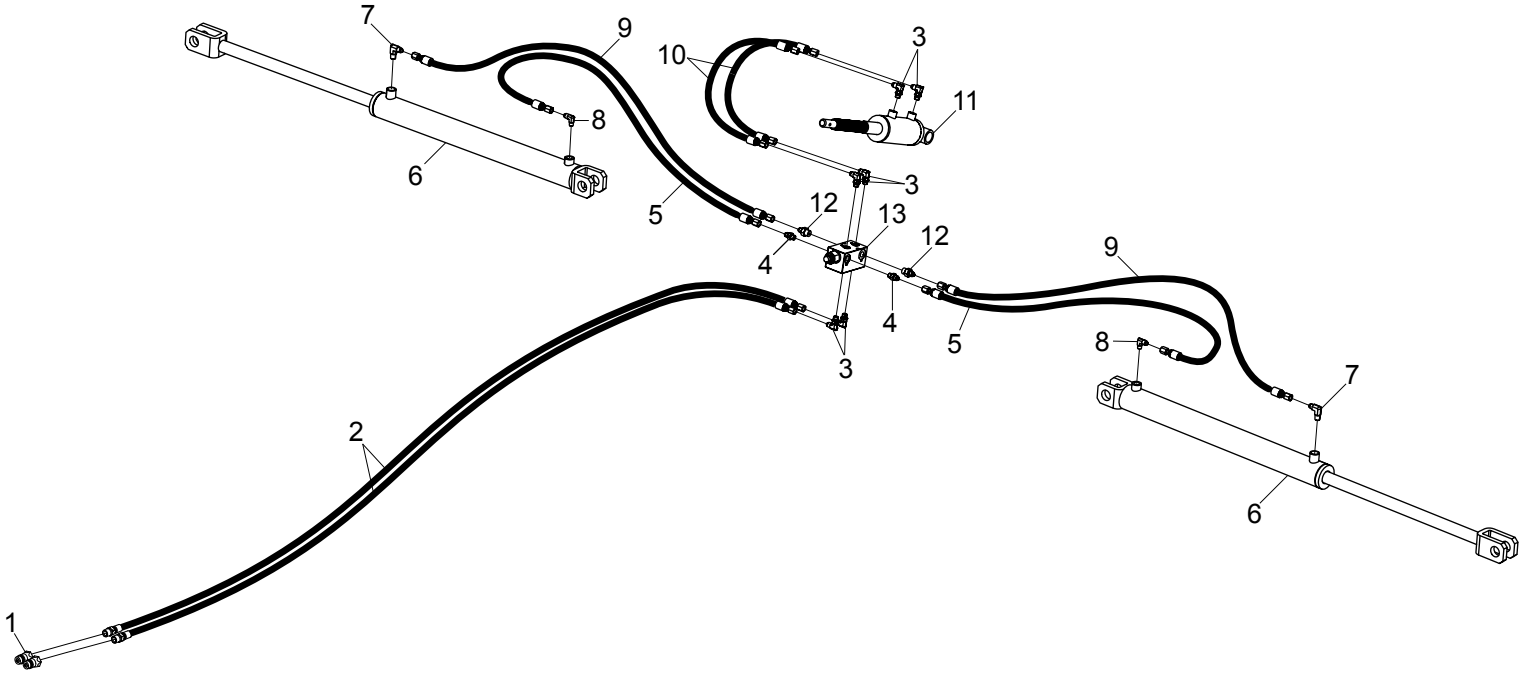
Ref#	Description	Part#
10	Shield Support Outer G3-G4	500436
11	Screw 4.8X22 Self Tap Zinc	500417
12	Shield Support Inner G3-G4	500437
13	Shield Chain W/S-Hook L=500Mm	500420
14	Label - Danger - Outer Drive Tube	500421
15	Label - Danger - Outer Shield Tube	500422
16	Instruction Booklet	500423
19	Complete Shield Kit	702080
	Complete PTO	701034

Hydraulics -94344



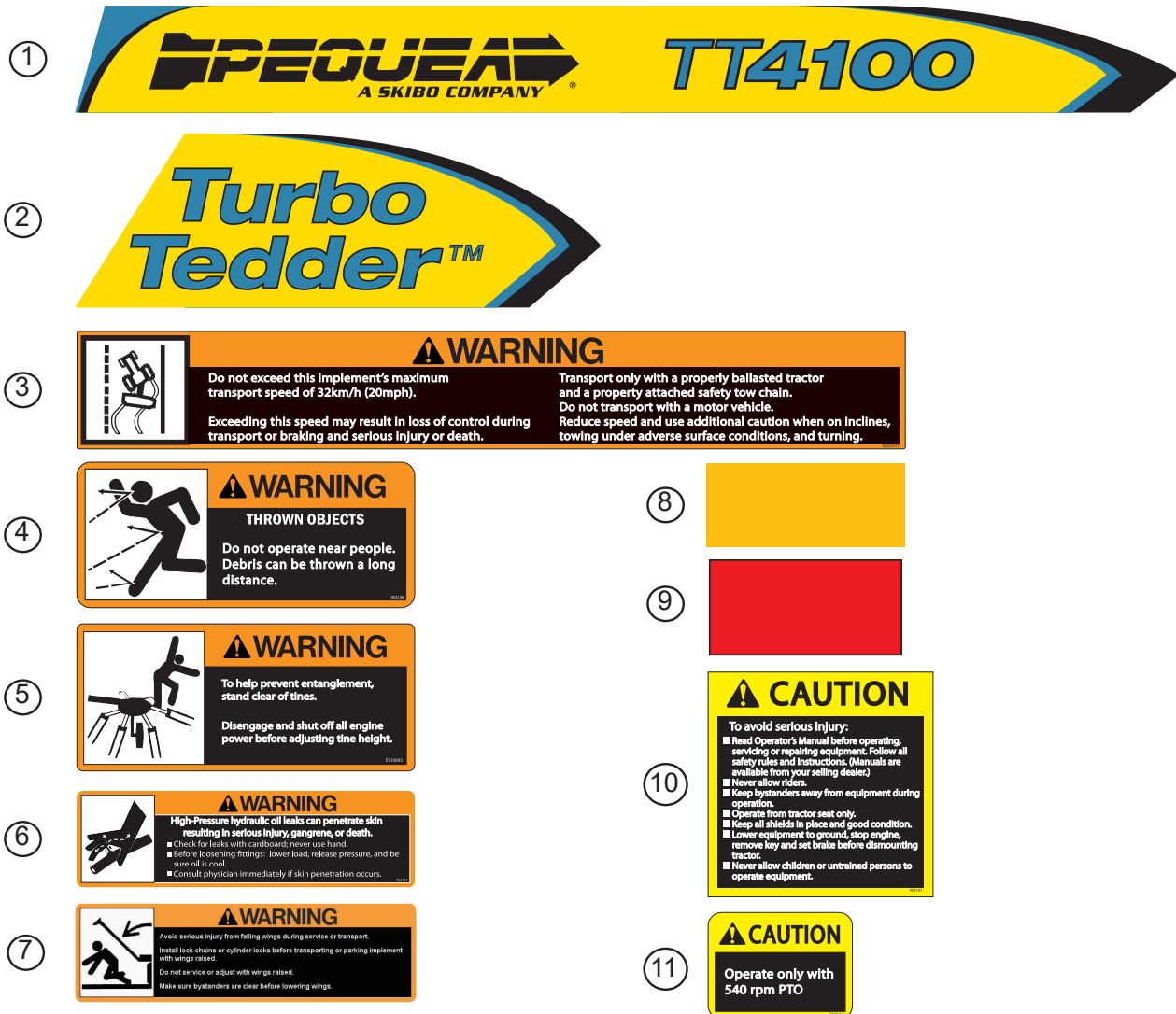
Ref#	Description	Part#	Qty
1	Hydraulic Coupler	290105	2
2	Hose, 118"	701039	2
3	Cylinder	701040	2
4	Elbow Fitting	101916	2
5	Hose, 50.5"	702844	2
6	Elbow Fitting	702459	2
7	Hose, 41"	701038	2
8	Straight Fitting	290195	6
9	Tilt Cylinder	701033	1
10	Relief Valve Cartridge Direct Acting Poppet Type	703881	1
11	Pilot Operated Check Valve	703883	1
12	Flow Divider/ Combiner Valve	507457	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	TT4100 Decal	702195	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