



HT6202

Rotary Tedder

ILLUSTRATED PARTS BREAKDOWN

Page 1	 	Tongue Assembly
Page 2	 	Center Assembly
Page 3	 	Left Outer Wing Assembly
Page 4	 	Left Outer Wing Assembly
Page 5	 	Right Middle Wing Assembly
Page 6	 	Right Outer Wing Assembly
Page 7	 	Torsion Axle Assembly
Page 8	 	Outer Axle Assembly
Page 9	 	Input Gearbox Assembly
Page 10	 	Rotor Gearbox Assembly
Page 11	 	Tine And Tine arm Assembly
Page 12	 	Center Hydraulics
Page 13	 	Right Side Hydraulics
Page 14	 	Tine And Tine arm Assembly
Page 15	 	Center Hydraulics
Page 16	 	Right Side Hydraulics



ASSEMBLY
DIAGRAMS



PARTS
LISTINGS



REPLACEMENT
PARTS



USE THIS PARTS BOOK TO IDENTIFY AND ORDER PEQUEA REPLACEMENT PARTS

TURBO SERIES • TRAILER TEDDER

HT6202

6-Rotor Turbo Hay Tedder

Rev. PQ102326 Lang. EN



DIMENSIONS & WEIGHT

Working width	26' 6"
Outside tine width	26' 2"
Transport width	9' 2"
Overall length	17' 3"
Machine weight	2,350 lb

ROTOR SYSTEM

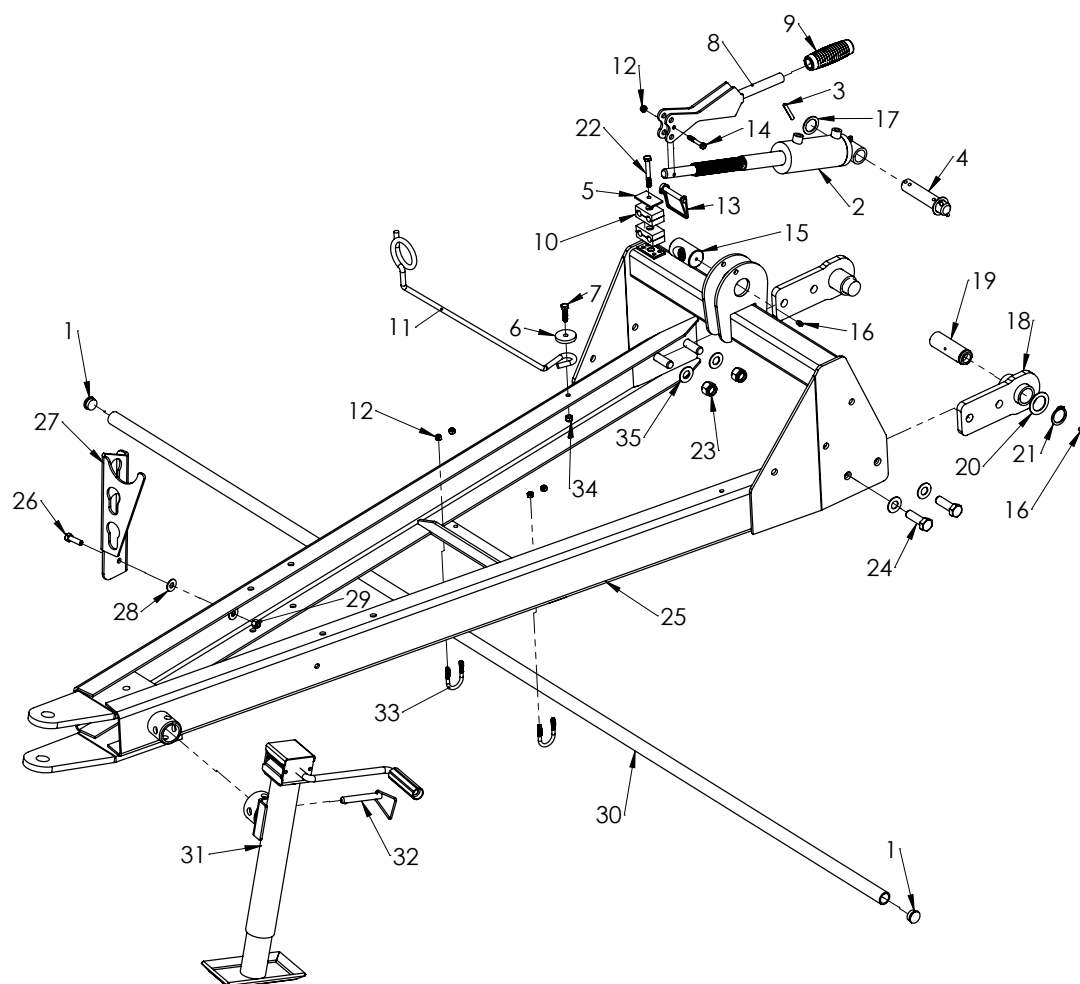
Number of rotors	6
Tines arms / rotor	7
Total tines	42
Tine type	Asymmetrical
Arm material	1" Schedule 80 Pipe
Linkage	Trailed

POWER & HYDRAULICS

Min PTO power	50 hp
Hydraulic req.	1,700 psi
Finger drives	Carbo-austempered
Hydraulic fold	Standard
Hydraulic tilt	Standard
Transfer point	Pivot points

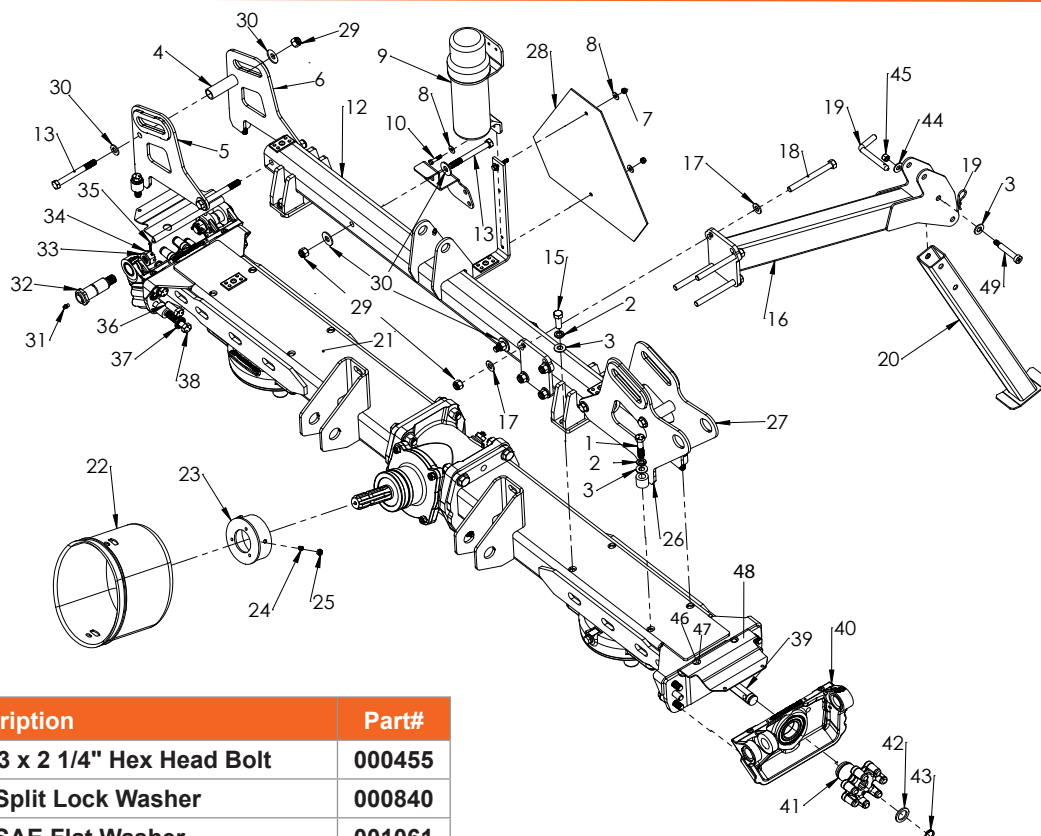
GEARBOX & RUNNING GEAR

Center gearbox	Oil (80W90) (1 Gearbox)
Rotor gearbox	NLGI #0 (1 gearbox for each star)
Gearbox warranty	6 years
Rotor tire size	18.5 x 8
Hub type	4-bolt hub, tapered bearing



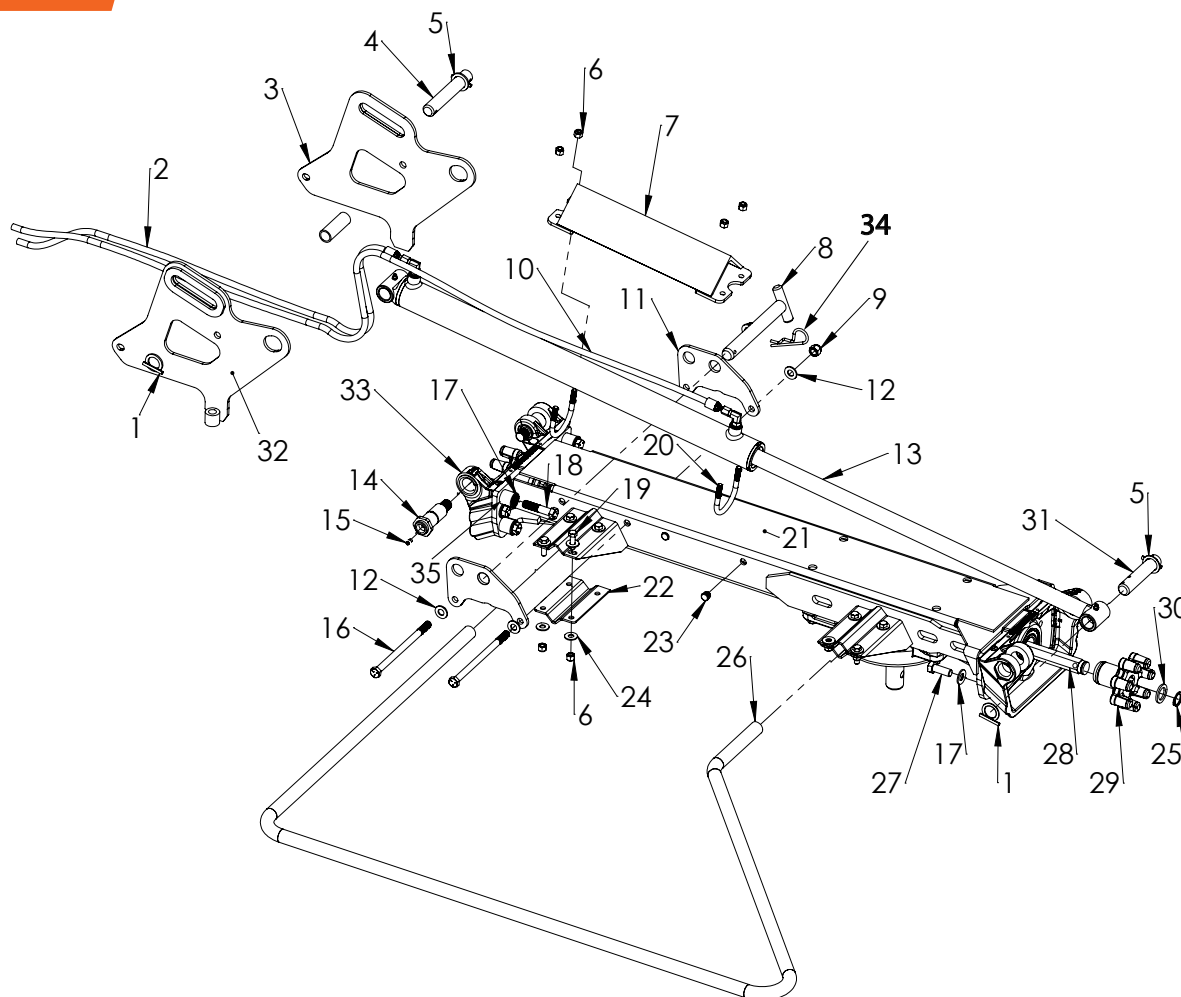
Ref#	Description	Part#
1	3/4" Pipe Cap	100297
2	Front Tilt Cylinder	703604
3	1/4 X 1-3/4" Roll Pin Zinc	500187
4	Cylinder Pin	701016
5	Hose Clamp Top Plate	510630
6	Washer, Hose Support Hold Down	502308
7	5/16-18 X 1-1/4" Hex Head Bolt	000230
8	Tilt Cylinder Handle	706071
9	Rubber Grip	706074
10	1/4" Clamp Block	510632
11	Hose Support	502288
12	1/4" Nylock Nut	003001
13	Snapper Pin	500158
14	1/4-20 X 1-3/4" Hex Head Bolt	000187
15	Tongue Cylinder Mount	502218
16	1/4-28 Special Taper Fitting	400117
17	1" x 1-1/2" Mach. Bushing 14GA Zinc	001008
18	Hitch Bolting Weld Assembly	703484

Ref#	Description	Part#
19	Grease Pin, Tongue Pivot Pin	702829
20	1-1/4 X 1-7/8" Machinery Bushing	500185
21	Snap Ring	702826
22	5/16-18 x 2-1/2" HH Bolt	000118
23	5/8 Nylock Nut	000972
24	5/8-11 X 2" Hex Head Bolt, GR. 5	000615
25	Tongue Weldment	704068
26	3/8-16 X 1-1/4" Hex Head Bolt	000275
27	PTO Stand	704132
28	3/8" Serrated Spring Lock Washer	706087
29	3/8 Nylock Nut	003000
30	Center Pipe Guard 96"	703999
31	Jack, 2K Side Wind Jack	903317
32	Jack Pin	102121
33	1/4-20 x 3/4" Pipe Zinc U-Bolt	705048
34	5/16-18 Nylon Lock Nut	002999
35	5/8 SAE Standard washer	001076



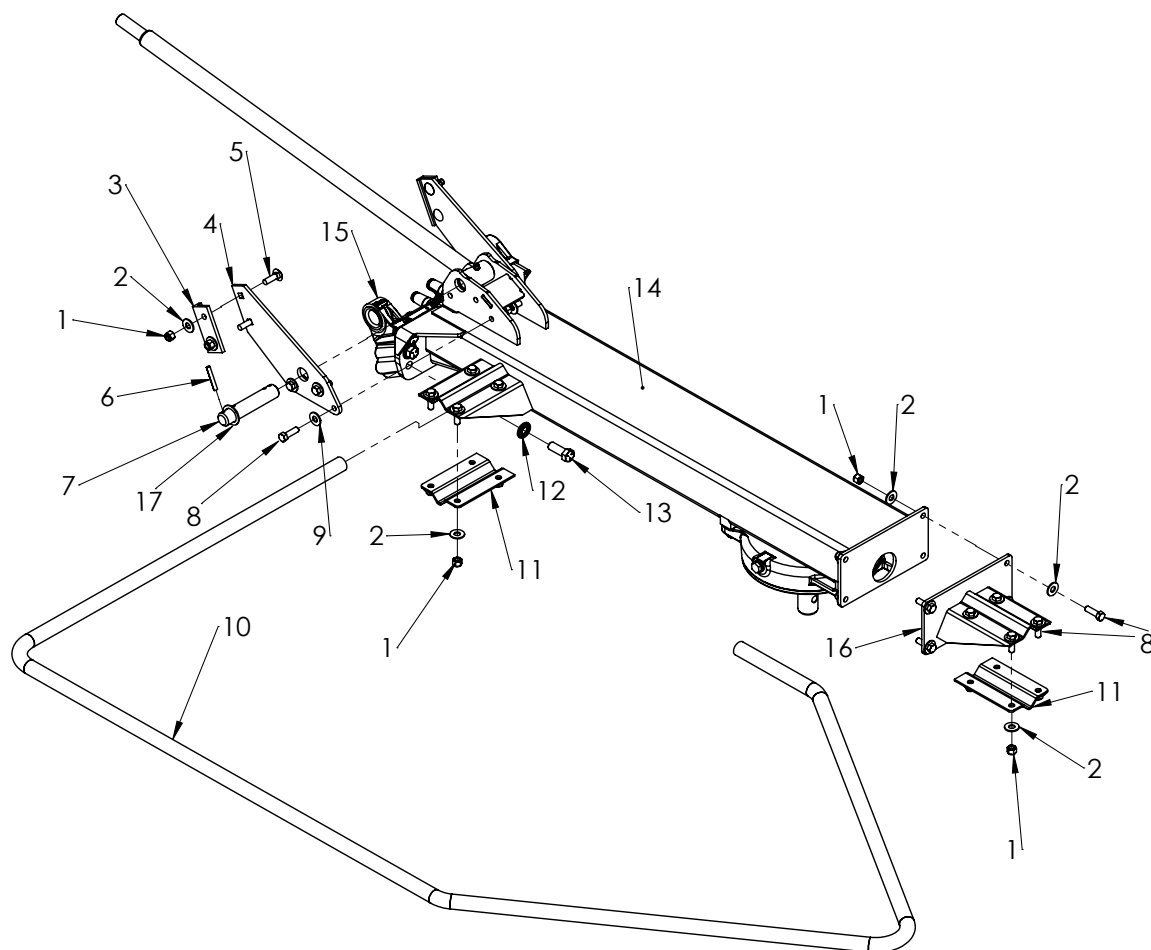
Ref#	Description	Part#
1	1/2-13 x 2 1/4" Hex Head Bolt	000455
2	1/2" Split Lock Washer	000840
3	1/2" SAE Flat Washer	001061
4	Cylinder Mounting Bracket Spacer	705106
5	Right Front Base Weldment	705113
6	Right Rear Base Weldment	705157
7	1/4-20 Nylon Lock Nut	003001
8	1/4 USS Flat Washer	001020
9	Operator's Manual Canister	503050
10	1/4-20 x 1 1/4" HH Bolt, Gr5	000184
11	1/4" Clamp Block	510632
12	Main Body Bridge	705092
13	1/2 x 4 1/2" HH Bolt	000500
14	Drop Leg Bolt Plate	703949
15	1/2 x 1 1/2" HH Bolt, Zinc	000435
16	Bolted Tipping Leg	703946
17	1/2" SAE Flat Washer	001061
18	1/2 x 5" HH Bolt	000510
19	.5 x 4.387 Bent Pull Pin w/ Cotter	100330
20	Bottom Swivel Kickstand	703947
21	Center Drive Assembly	704102
22	PTO Shield	701205
23	PTO Shield Mounting Brckt. Weldmt.	703145
24	5/16-24 x 1/2" Set Screw	001121
25	5/16-24 Hex Jam Nut, Zinc	001116
26	Left Front Base Weldment	705156
27	Left Rear Base Weldment	705115

Ref#	Description	Part#
28	Fanny Flag	507166
29	1/2-13 Nylon Lock Nut	000950
30	1/2 USS Flat Washer, Plated	001055
31	1/4-28 Special Taper Fitting	400117
32	Pivot Pin Weldment	705013
33	3/4 x 1 1/4 Machinery Bushing 10GA	400146Z
34	3/4 Plated Castle Nut	705070
35	5/32" x 1-1/2" Cotter Pin Zinc	001215
36	9/16-12 X 1-1/2 H. H. Bolt Gr. 5 Zinc	000577
37	9/16" Serrated Conical Plated	705000
38	9/16-12 X 2-1/2 H. H. Bolt Gr. 5 Zinc	000602
39	Center Hex Shaft 6202/6102	706031
40	Pivot Casting (Machined)	703547
41	7 Finger Drive, Forged	703546
42	1" x 1-1/2" Mach. Bushing 14GA Zinc	001008
43	1" H.Duty Ext. Retaining Ring Plain	702883
44	3/8 USS Flat Washer, Zinc	001035
45	3/8-16 Nylon Lock Nut, Zinc	003000
46	1/4 USS Flat Washer, Zinc	001020
47	1/4"-20 x 3/4" H. H. Bolt, Gr. 5 Zinc	000175
48	Casting Finger Cover	705026
49	1/2" Shoulder x 2-1/2" Shoulder Length x 3/8"-16 Socket Shoulder Bolt	703772



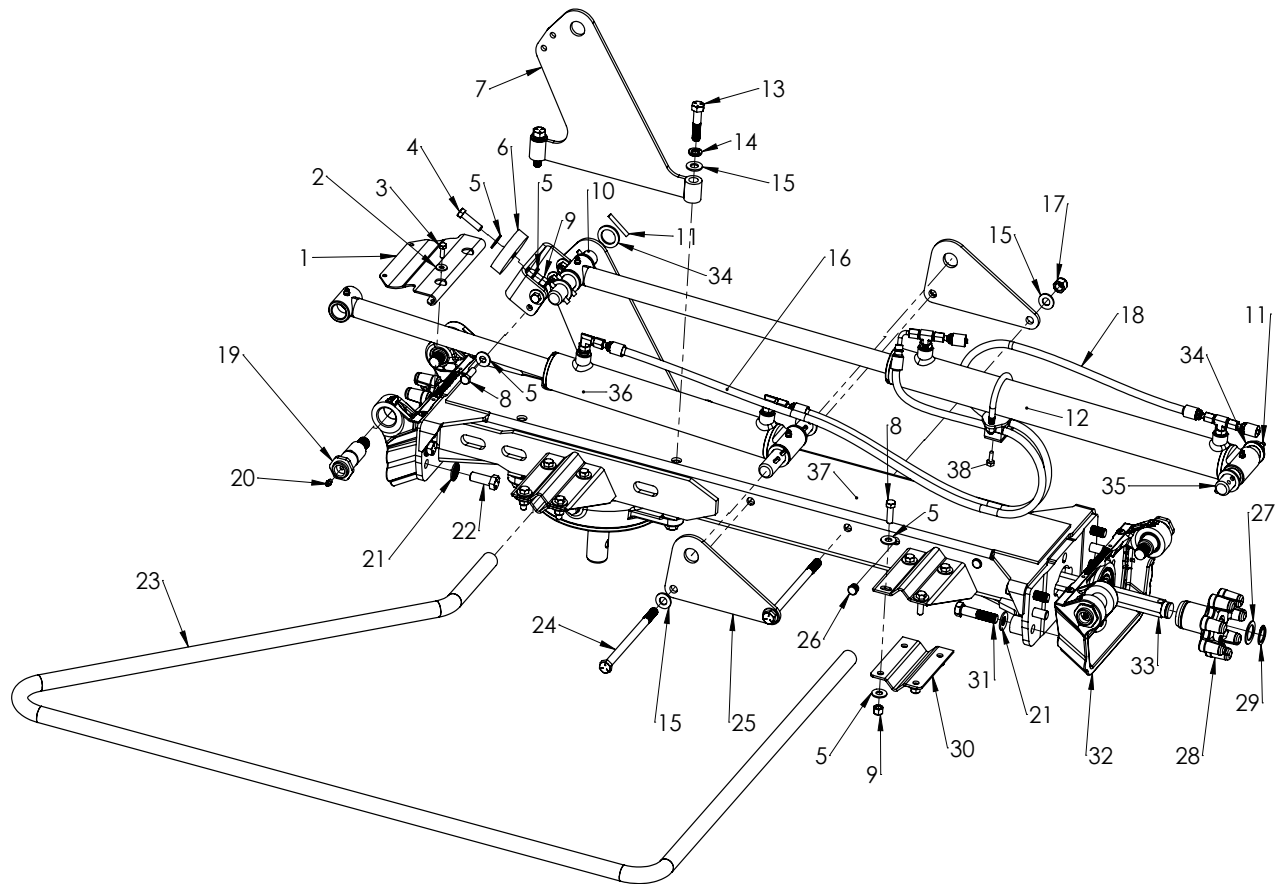
Ref#	Description	Part#
1	1/4 X 1-3/4" Roll Pin, Zinc	500187
2	50" Hose #4 FJX x #4FJX (base end)	705164
3	Left Rear Base Weldment	705115
4	Axel/Cylinder Pin	703252
5	1 X 1-1/2" Machinery Bushing	001008
6	3/8-16 Nylon Locknut, Zinc	003000
7	Hose Guard Weldment	706055
8	Wing Safety Pin Weldment	706044
9	1/2" Nylon Locknut	000950
10	79" Hose #4 FJX x #4FJX (rod end)	705163
11	Bolt On Cylinder Plate	706023
12	1/2" SAE Flat Washer, Zinc	001061
13	2" Bore X 28" Stroke	705116
14	Pivot Pin Weldment	705013
15	1/4-28 Special Taper Fitting	400117
16	1/2-13 X 8" Hex Head Bolt GR.5	000553
17	9/16" Serrated Conical Plated	705000
18	9/16-12 X 2 1/2" Hex Head Bolt	000602

Ref#	Description	Part#
19	3/8-16 X 1-1/4" Hex Head Bolt	000275
20	3/8-16 X 2" Pipe Size Zinc U-Bolt	703423
21	Left Middle Weldment	704123
22	Guard Cradle	702696
23	CCF 5/8-14-20 Pipe Plug	706076
24	3/8 USS Flat Washer, Zinc	001035
25	1" Heavy Duty Ext. Retaining Ring	702883
26	6100/8100/6202 Middle Wing Guard	703263
27	9/16-12 X 1-1/2" Hex Head Bolt	000577
28	6100 Middle Wing Hex Shaft	703051
29	7 Finger Drive, Forged	703546
30	1 X 1-1/2" Machinery Bushing	001006
31	Pin, Cylinder Pin, Inner	701016
32	Left Front Cyl. base	705156
34	.178 X 3 Wire Hairpin Cotter	507340
35	Bolt Ext. Tube	704150



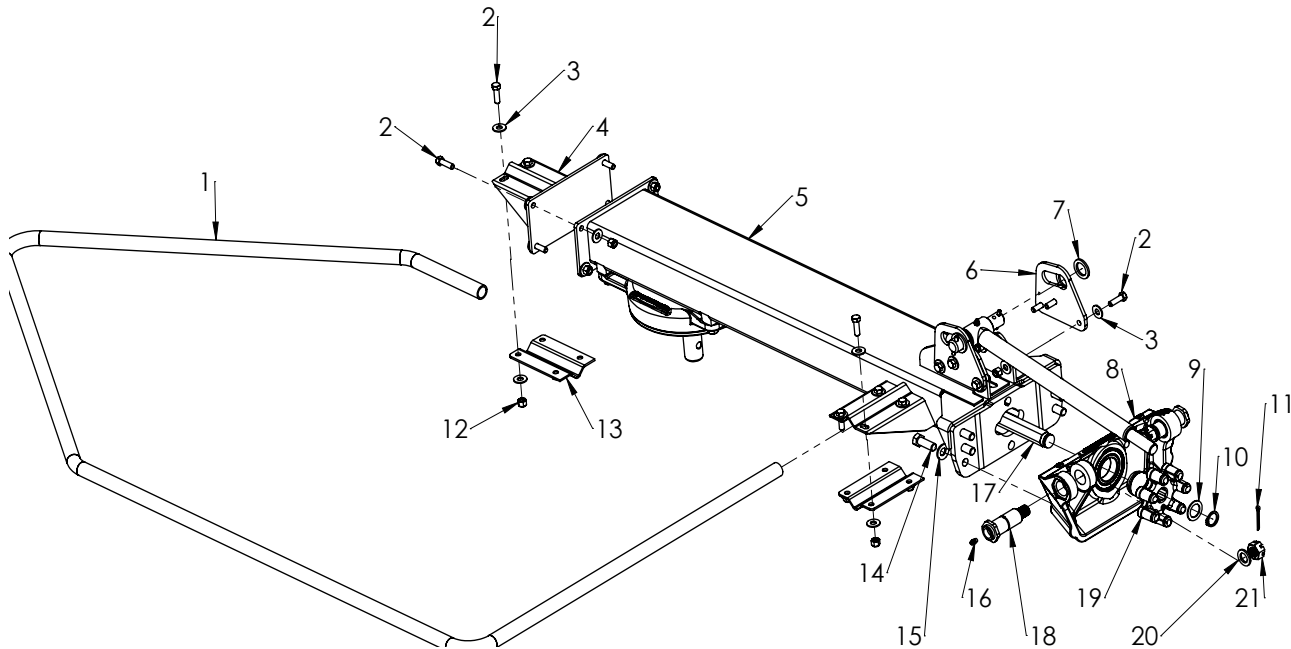
Ref#	Description	Part#
1	3/8-16 Nylon Lock Nut, Zinc	003000
2	3/8 USS Flat Washer, Zinc	001035
3	Bumper Angle	705103
4	Left Cylinder Bracket	705104
5	3/8-16 X 1-1/4" Carriage Bolt	000150
6	1/4 X 1-3/4" Roll Pin, Zinc	500187
7	Cylinder Pin, Inner	701016
8	3/8-16 X 1-1/4" Hex Head Bolt	000275

	Description	Part#
9	3/8 USS Flat Washer, Zinc	001035
10	Outer Guard	702693
11	Guard Cradle	702696
12	9/16" Serrated Conical Plated Washer	705000
13	9/16-12 X 1-1/2" Hex Head Bolt	000577
14	Left Wing Weldment 02 Series	704108
15	Pivot Casting (Machined)	703547
16	Guard Sleeve Weldment	702704
17	1" Machinery Bushing 14GA Clear Zinc	001008



Ref#	Description	Part#
1	Casting Finger Cover	705026
2	1/4 USS Flat Washer, Zinc	001020
3	1/4-20 X 3/4 Hex Head Bolt. GR 5	000175
4	3/8-16 X 1 1/4 Hex Head Bolt	000275
5	3/8 USS Flat Washer, Zinc	001035
6	Wing Bumper	703324
7	Rod Side Cylinder Weldment	705101
8	3/8-16 X 1-1/4 Hex Head Bolt	000275
9	3/8-16 Nylon Lock Nut, Zinc	003000
10	Cylinder Pin	705110
11	1/4 X 1-3/4 Roll Pin, Zinc	500187
12	2" Bore X 20" Stroke Cylinder	705107
13	1/2-13 X 2-1/4 Hex Head Bolt	000455
14	1/2 Lock Washer, Zinc	000840
15	1/2 SAE Flat Washer, Zinc	001061
16	51" Hose #4 FJX90S x #4FJX (rod to rod)	705160
17	1/2" Nylon Lock Nut	000950
18	52" Hose #4FJX x #4FJX (Base to Base)	705162
19	Pivot Pin Weldment	705013

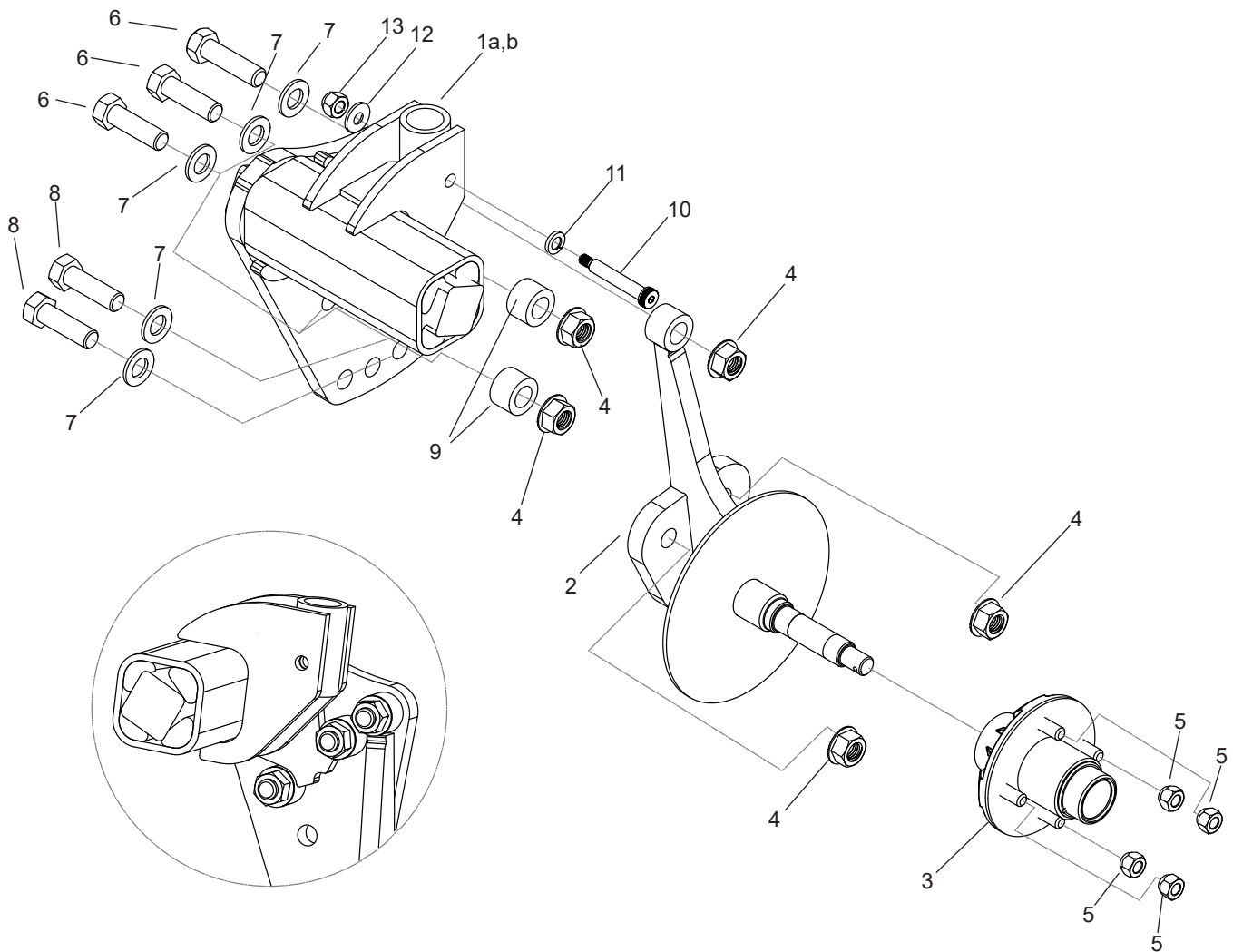
Ref#	Description	Part#
20	1/4-28 Special Taper Fitting	400117
21	9/16" Serrated Conical Plated	705000
22	9/16-12 x 1-1/2" Hex Head Bolt	000577
23	6100/8100 Middle Wing Guard	703263
24	1/2-13 x 8 Hex Head Bolt GR5	000553
25	Right Side Bread Plate	705132
26	CCF 5/8-14-20 Pipe Plug	706076
27	1 x 1-1/2" Machinery Bushing	001008
28	7 Finger Drive, Forged	703546
29	1" Heavy Duty Ext. Retaining Ring	702883
30	Guard Cradle	702696
31	9/16-12 x 2-1/2 Hex Head Bolt	000602
32	Pivot Casting	703547
33	6100 Middle Wing Hex Shaft	703051
34	1 x 1-1/2" Machinery Bushing	001008
35	Axle / Cylinder Pin	703252
36	2" Bore x 12" Stroke Cylinder	705131
37	Right Middle Weld 02 Series	704110
38	5/16-18 X 1-1/2 Hex Head Bolt	000225



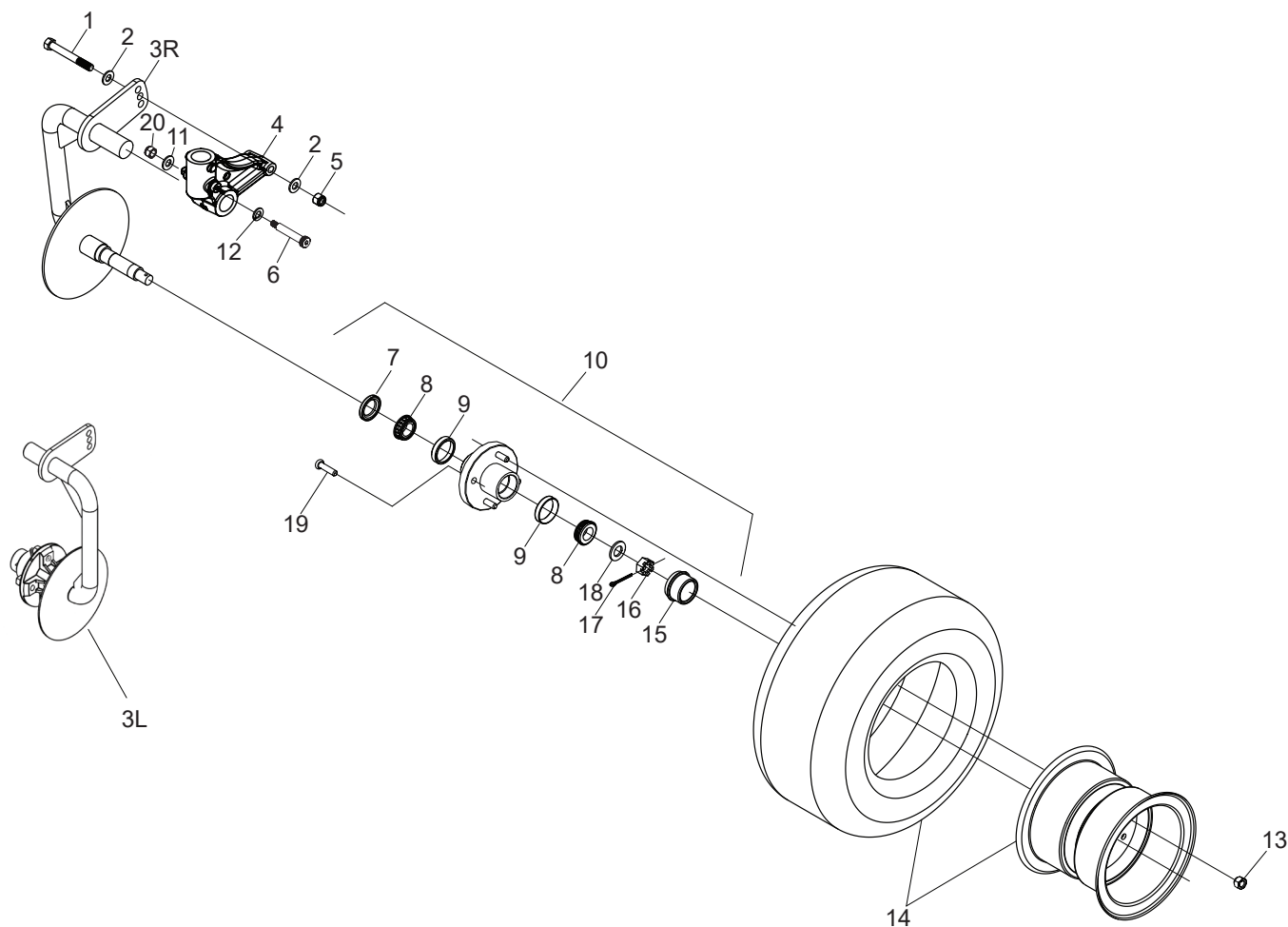
Ref#	Description	Part#
1	Outer Guard	702693
2	3/8-16 X 1-1/4" Hex Head Bolt	000275
3	3/8 USS Flat Washer, Zinc	001035
4	Guard Sleeve Weldment	702704
5	Right Wing Weldment 02 Series	704172
6	Bolt On Plate 02 Series	705105
7	1 X 1-1/2" Machinery Bushing	001008
8	Pivot Casting (Machined)	703547
9	1 X 1-1/2" Machinery Bushing	001008
10	1" Heavy Duty Retaining Ring	702883
11	5/32 X 1-1/2 Cotter Pin	001215
12	3/8-16 Nylon Lock Nut	003000

Ref#	Description	Part#
13	Guard Cradle	702696
14	9/16-12 X 1-1/2" Hex Head Bolt	000577
15	9/16" Serrated Conical Plated Washer	705000
16	1/4-28 Special Taper Fitting	400117
17	Hex Shaft, Wing	704057
18	Pivot Pin Weldment	705013
19	7 Finger Drive, Forged	703546
20	3/4 X 1-1/4" Machinery Bushing	400146Z
21	3/4-16 Castle Nut, Plated	705070

Torsion Axle Assembly



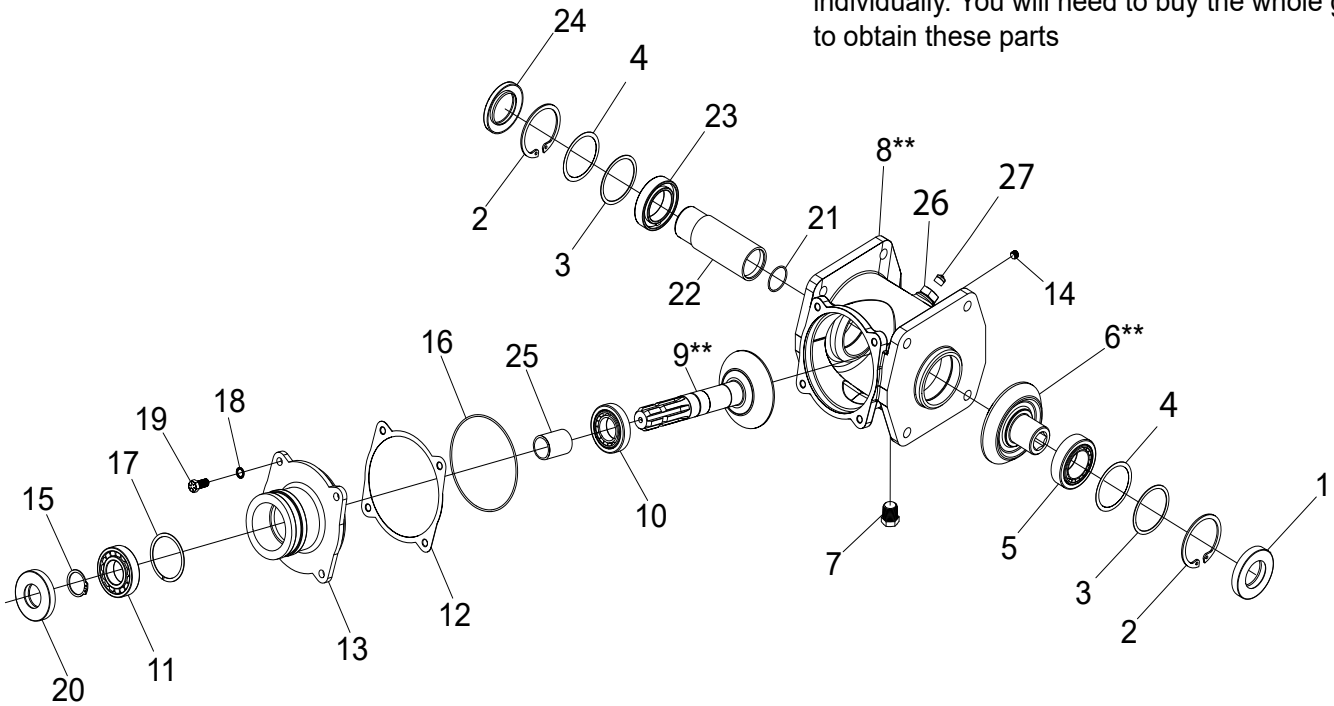
Ref#	Description	Part#
1a	Left 3.5 Torsion Assembly	703938
1b	Right 3.5 Torsion Assembly	703921
2	Torsion Spindle Weldment	703821
3	Complete Hub	501199
4	3/4"-10 Serrated Flange Nut	000977
5	1/2" Cone Wheel Nut	101458
6	3/4"-10 x 2-3/4" Hex Head Bolt Gr. 5 Zinc	000710
7	3/4 SAE Flat Washer	001086
8	3/4"-10 x 2-1/2" Hex Head Bolt Gr. 5 Zinc	000720
9	Pitch Pivot Tube	703795
10	1/2" x 2-3/4" Shoulder Bolt	703773
11	1/2" Lock Washer	000840
12	3/8" USS Flat Washer, Zinc	001035
13	3/8-16 Nylon Lock Nut, Zinc	003000



Ref#	Description	Part#
1	Bolt, 1/2 x 4	000490
2	SAE Washer, 1/2	001061
3R	Spindle Assembly (Right)	702825
3L	Spindle Assembly (Left)	702824
4	Spindle Bracket	703763
5	Nylon Locknut, 1/2	000950
6	3/8" x 2-1/2" x 5/16" Shoulder Bolt	703772
7	Grease Seal	500201
8	Bearing, L44643	500202
9	Race, L44610	500204
10	Complete Hub	500199
11	3/8 USS Flat Washer	001035

Ref#	Description	Part#
12	1/2" Split Lock Washer	000840
13	Lug Bolt (for threaded hub)	500210
	Lug Nut (for drive in stud)	508506
14	Tire and Wheel	500220
15	Dust Cap	500209
16	Spindle Nut	500207
17	Cotter Pin	500208
18	Spindle Washer	500206
19	Drive-In Stud	508505
20	3/8-16 Nylon Lock Nut	003000
21L	Left Spindle and Hub Assembly	702912
21R	Right Spindle and Hub Assembly	702913

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



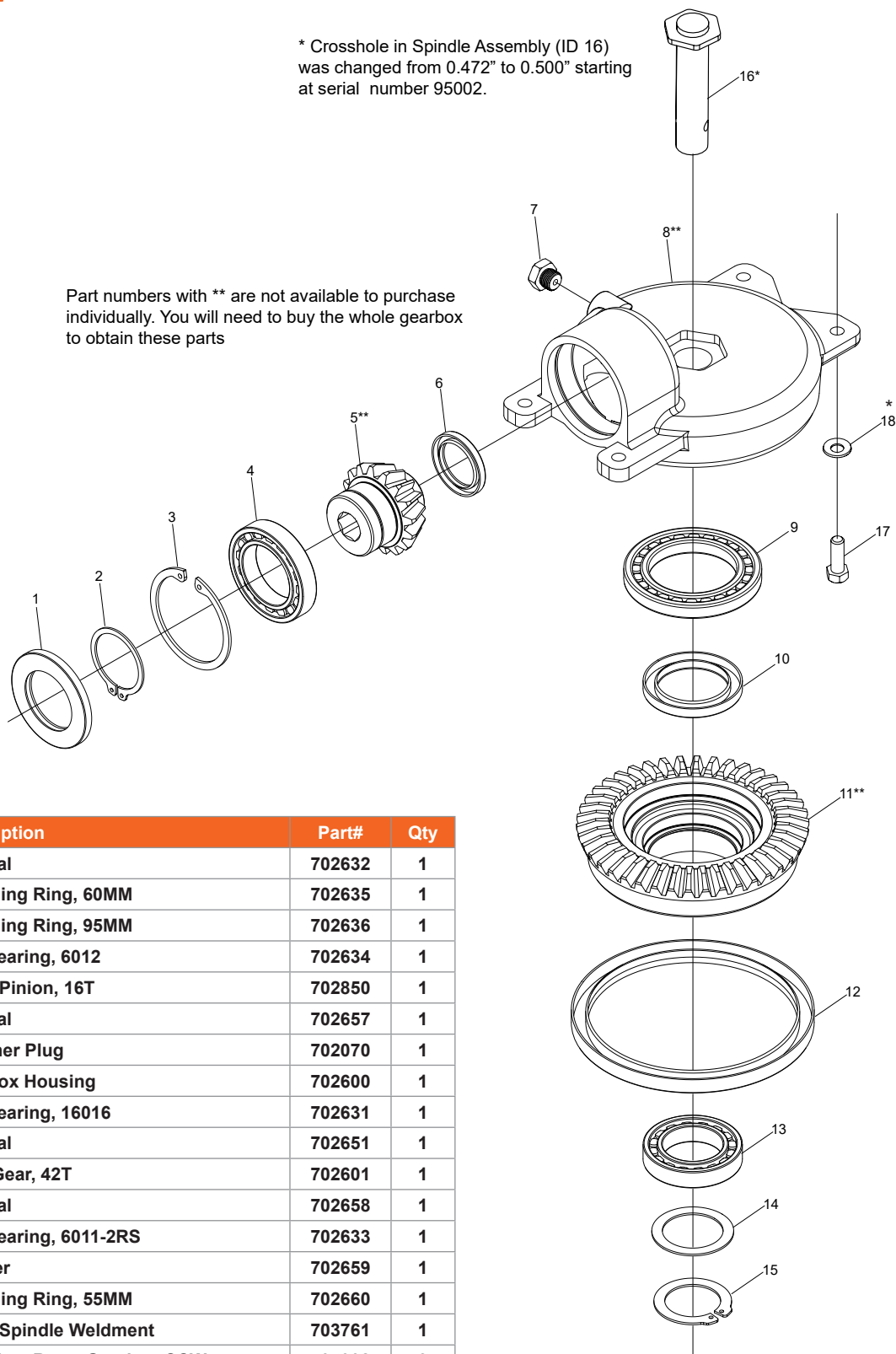
Ref#	Description	Part#
1	Oil Seal,- 45Mm X 80Mm X 13Mm	702655
2	Int. Retaining Ring, 80Mm, Din 472-080	702643
3	Input Gear 20 Gauge Shim	702661-36
4	Center Gear Shim 0.003" Thick	702661-003
5	33109 Taper Bearing Set	702841
6	20T High Speed Center Gear,-(Hex Drive)	703573
7	X100 Series Plug	703115
8	Center Gearbox 17X20 Housing	703560
9	17T High Speed Pinion	703572
10	30207 Tapered Roller Bearing	703564
11	6207 Open Ball Bearing	702644
12a	Input Shaft Housing 0.2mm Shim	702645-0.2mm
12b	Input Shaft Housing 0.3mm Shim	702645-0.3mm
12c	Input Shaft Housing 0.4mm Shim	702645-0.4mm
12d	Input Shaft Housing 0.5mm Shim	702645-0.5mm

Ref#	Description	Part#
13	Input Shaft Housing For Tapered Roller	703563
14	1/8 NPT Pipe Plug	502298
15	Ext. Retaining Ring, 35Mm	702648
16	Input Cap O-Ring	703659
17	Wave Spring	703825
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
25	Pinion Bearing Sacer	703885
26	Pipe Adaptor 5406-08-02	705088
27	Alemite 47200 Pressure Relief Fitting	705089
	Complete High Speed Center Gearbox	703621

Rotor Gearbox Assembly

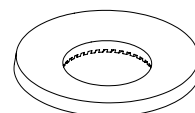
* Crosshole in Spindle Assembly (ID 16)
was changed from 0.472" to 0.500" starting
at serial number 95002.

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

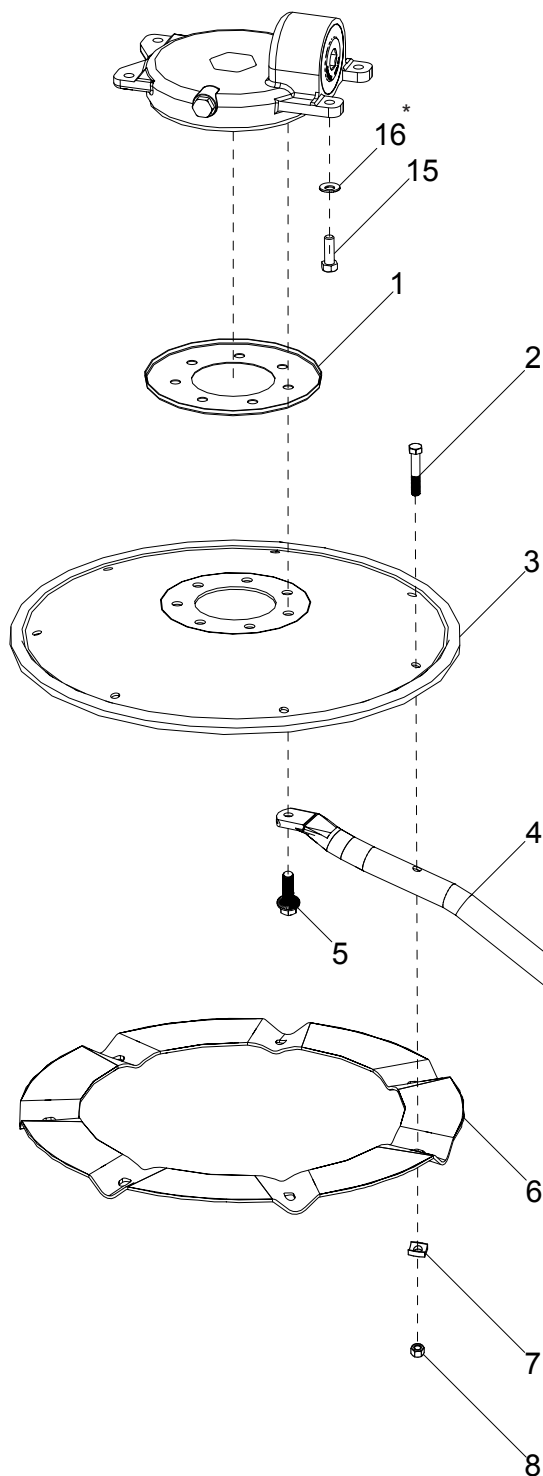


Ref#	Description	Part#	Qty
1	Oil Seal	702632	1
2	Retaining Ring, 60MM	702635	1
3	Retaining Ring, 95MM	702636	1
4	Ball Bearing, 6012	702634	1
5	Rotor Pinion, 16T	702850	1
6	Oil Seal	702657	1
7	Breather Plug	702070	1
8	Gearbox Housing	702600	1
9	Ball Bearing, 16016	702631	1
10	Oil Seal	702651	1
11	Ring 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
16	Rotor Spindle Weldment	703761	1
	Complete Rotor Gearbox CCW 7 arm	704002	3
	Complete Rotor Gearbox CW 7 arm	704019	3
17	1/2-13 X 1-1/2 Hex Head Bolt, Gr.5 Zinc	000435	4
18	0.512 Inch ID 1.074 Inch OD Contact Disc Spring, Serrated	706079	4

Part # 706079- 1/2
Serrated-Washer

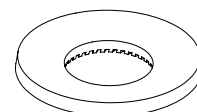
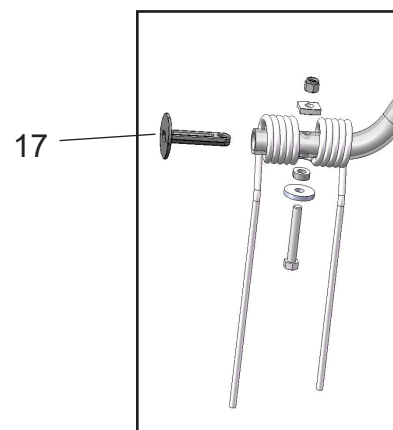


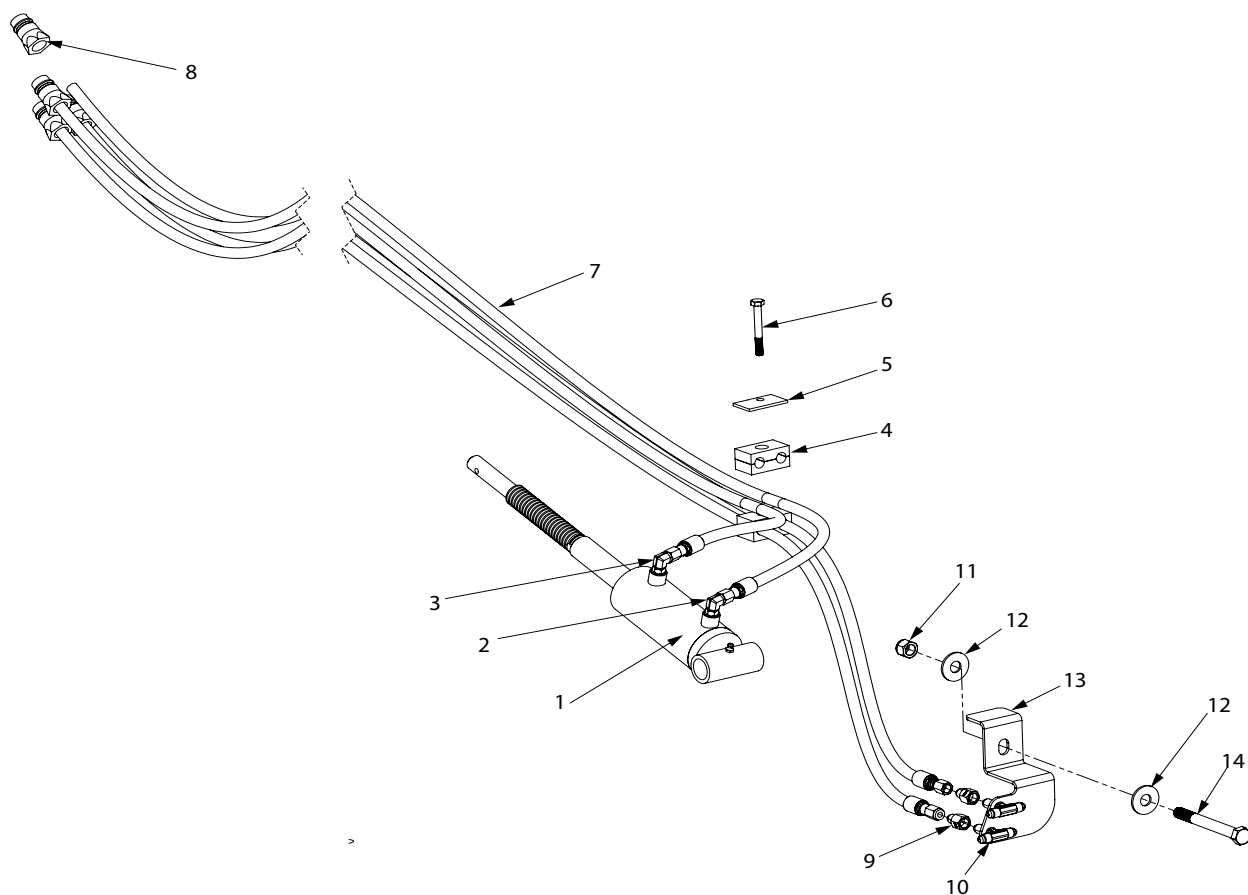
Tine & Tine Arm Assembly



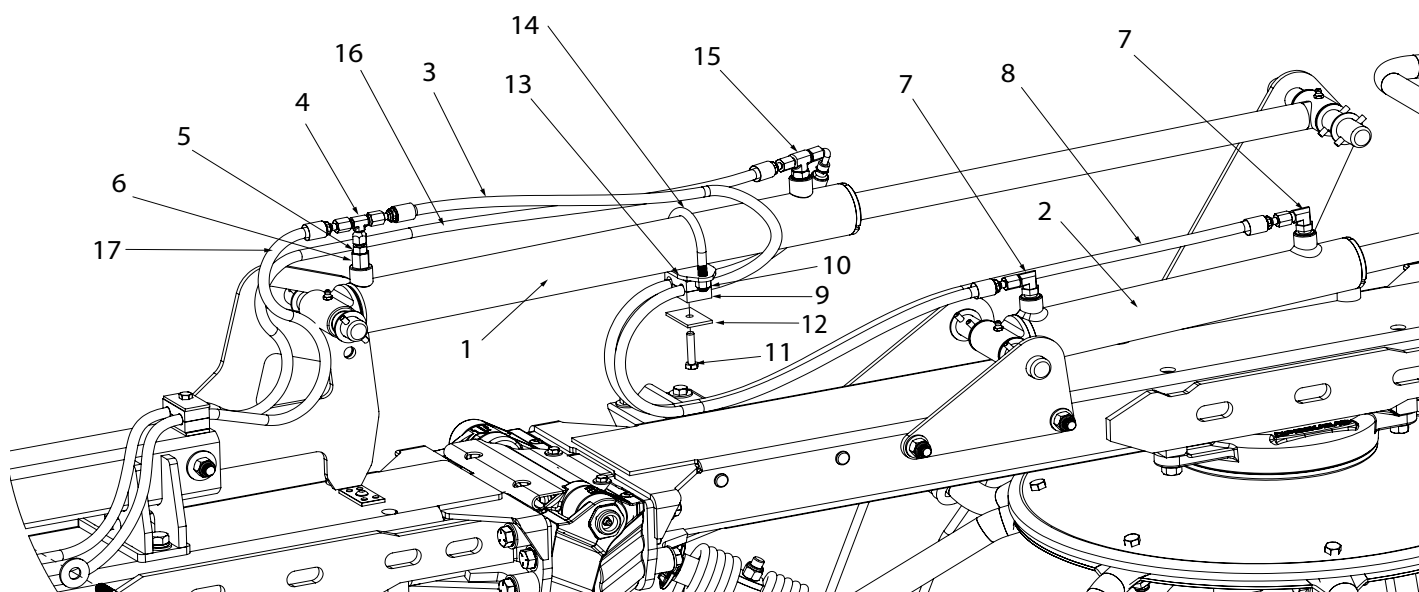
Ref#	Description	Part#	Qty (per rotor)
1	Hay Wrap Guard	702734	1
2	7/16" x 2-1/2" HHB	000375	7
3	Tine Plate	702714	1
4	Tedder Arm	702718	7
5	7/16" X 1-1/2" Flanged HHB	000725	7
6	Tedder Arm Brace	700942	1
7	Radius Washer	701008	7
8	7/16" Nylon Lock Nut	000385	7
9	Lock Nut, 1/2"	000950	7
10	Radius Washer	701008	7
11	Black Tine, Counter	700901	7
11a	Grey Tine, Clockwise	700929	7
12	Tine Pitch Adjustment	701005	7
13	Bottom Tine Washer	701004	7
14	Bolt, 1/2 x 3 Gr.8	000471	7
15	1/2" x 1-1/2" Hex Bolt	000435	4
16	0.512 Inch ID 1.074 Inch OD Contact Disc Spring,	706079	4
17	Tine Saver Option	704116	7

Part # 706079- 1/2
Serrated-Washer

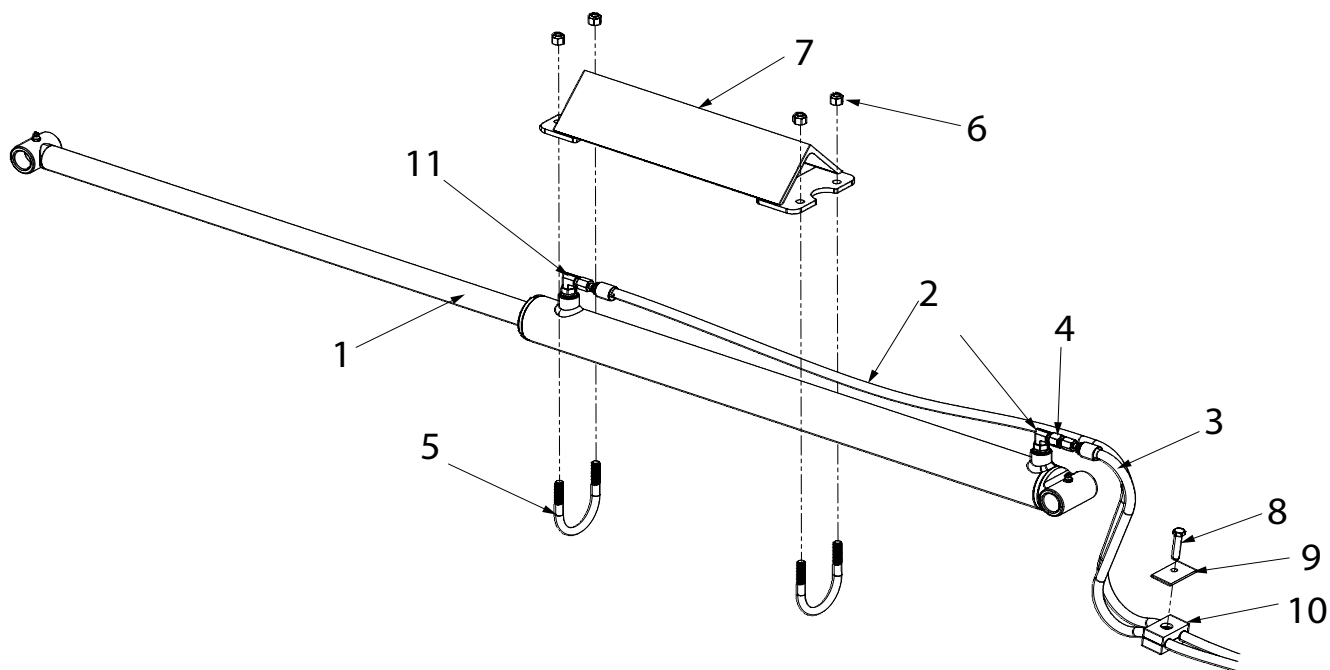




Ref#	Description	Part#
1	Front Tilt Cyl., No Manifold	703604
2	90 Degree Elbow,- #4 MJ X #4 MB	700948
3	90 Deg. #4MB X #4MJ with 1/32" orifice	706040
4	1/4" hose clamp body	510632
5	Hose Clamp Top Plate	510630
6	5/16-18 X 2-1/2 HHB,- Gr5	000118
7	118" TRACTOR HOSE	701039
8	1/2" MALE AG COUPLER	290105
9	Straight fitting #4FJX x #4MJ With orifice	706075
10	Bulk Head Tee Jic #4 Fitting w/nut	706067
11	1/2" Nylon Lock Nut	000950
12	1/2 USS Flat Washer, Zinc	001055
13	Hydraulic Hose Bracket	706041
14	1/2-13 X 4-1/2 Hex Head Bolt, Grade 5	000500

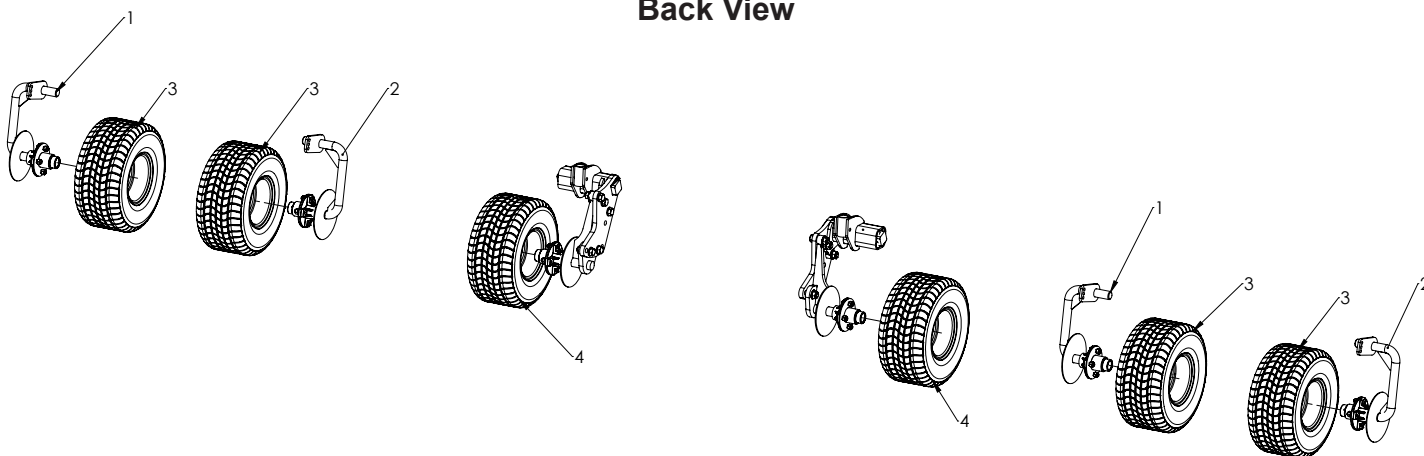


Ref#	Description	Part#
1	2" Bore X 20" Stroke Cylinder	705107
2	2" Bore x 12" Stroke Cylinder	705131
3	52" Hose #4FJX x #4FJX (Base to Base)	705162
4	T-fitting #4MJ x #4MJ x #4FJX	706081
5	Check Orifice Fitting Type 6400-04-04-0.047	706084
6	Straight Fitting #6MB x #4FB	706080
7	#4 JIC x #6 Male Boss 90 deg. Elbow Fitting	700907
8	51" RIGHT ROD TO ROD HOSE	705160
9	1/4" hose clamp body	510632
10	3/8-16 Nylon Lock Nut, Zinc	003000
11	5/16-18 X 1-1/2 Hex Head Bolt, Grade 5	000225
12	Hose Clamp Top Plate	510630
13	Welded Hose Clamp	703786
14	3/8-16 X 2" Pipe Clamp	703423
15	Tee - 1/4 in Male JIC 37 deg Flare x 1/4" Male JIC Flare x 3/8 in Male O-Ring Boss	706066
16	53" Right Cylinder Rod Hose	705195
17	32" Right Cylinder Base Hose	705161



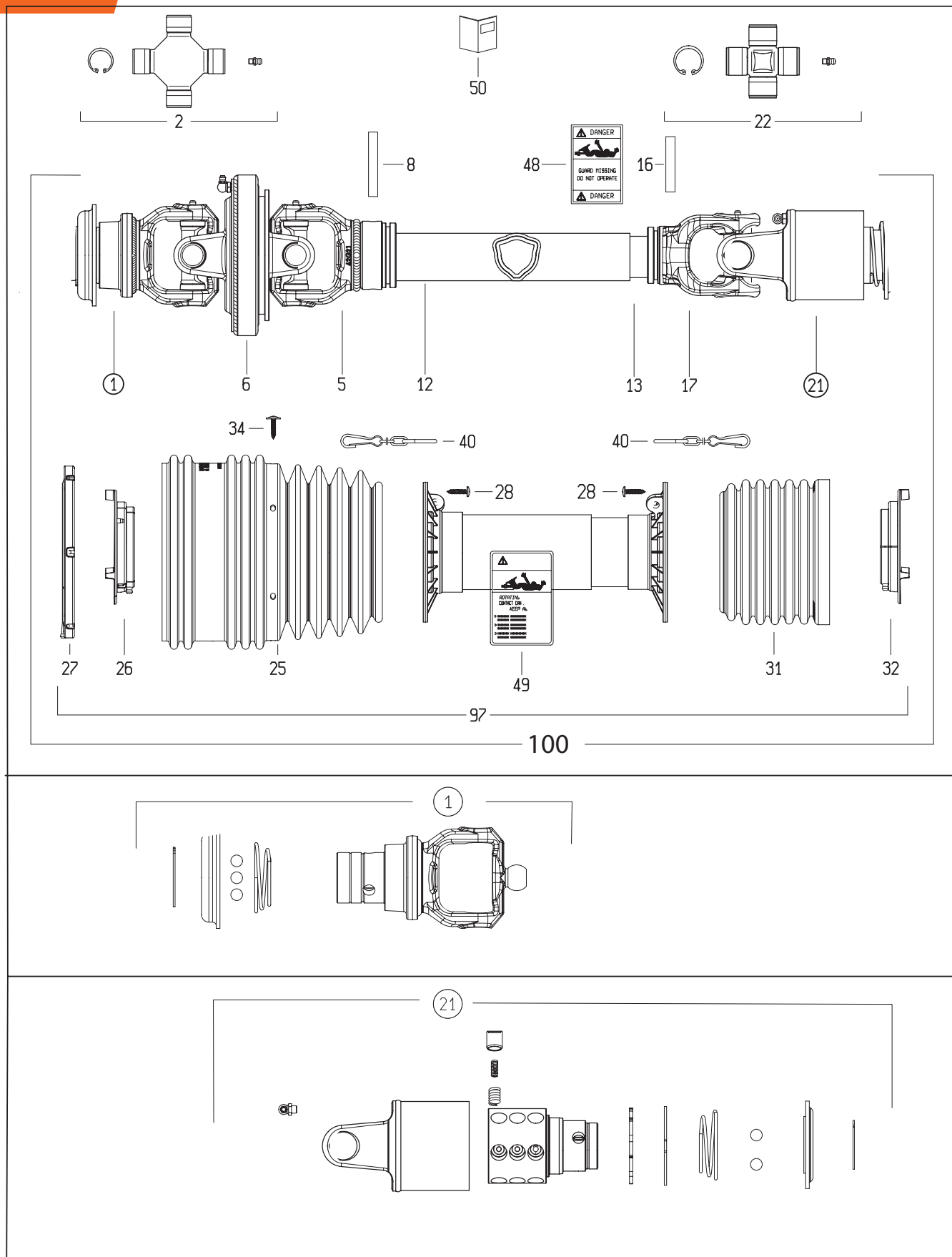
Ref#	Description	Part#
1	2" Bore X 28" Stroke	705116
2	79" Left Cylinder Rod Hose	705163
3	50" Left Cylinder Base Hose	705162
4	Check Orifice Fitting Type 6400-04-04-0.047	706084
5	3/8-16 X 2" Pipe Clamp	703423
6	3/8-16 Nylon Lock Nut, Zinc	003000
7	Hose Guard Weldment	706055
8	5/16-18 X 1-1/2 Hex Head Bolt, Grade 5	000225
9	Hose Clamp Top Plate	510630
10	1/4" hose clamp body	510632
11	#4 JIC x #6 Male Boss 90 deg. Elbow Fitting	700907

Back View



Ref#	Description	Part#	Qty
1	Spindle Weldment Assembly, -Left	702824	2
2	Spindle Weldment Assembly, -Right	702825	2
3	4x4 Wheel Asm. 935 Lb. Highway, Grey	500220	4
4	D Ply K399 Tire and Rim Assembly 1135 lb. Rating 1165 lb.	706017	2

PTO Shaft Illustration



PTO Shaft Part Numbers

Ref#	Description	Part#
1	Yoke 80 deg CV 1-3/8 6 spline	703834-99
2	Cross Kit S6-1R6-G5-G7 EI 80°CV 27X100	703835
5	Outer Tube Yoke	703836
6	Central Body 1R6-S6-G5-G7 80°Cv Sft EL	703837-99
8	Flexible Roll Pin 10X70 Din1481	703838-99
12	Cardan Tube 12520 L=1200	704257-99
13	Cardan Tube	704258-99
16	Flexible Roll Pin 10X60 Din1481	703841
17	Tube Yoke #5-G5 Inner 5N7 (45.0)	703842-99
21	Torque Limiter	703843-99
22	Cross Kit S5-S6-G5 30.2X79.4 Cap Zerk	703844-99
28	Screw 4.8 x 22 Self Tap Zinc	500417-99
34	Screw 4.8 X 22 Self Tap Zinc Flange Head	503112
40	Shield Chain W/S-Hook L=500Mm	500420
48	Label - Danger - Outer Drive Tube	500421
49	Label - Danger - Outer Shield Tube	500422-99
50	Instruction Book- Global/SFT Universal	704256-99
97	SHIELD KIT G5 80°CV COMPLETE w/CHAINS	704255-99
100	Complete PTO Shaft	703596