



7116

HI-CAPACITY RAKE

PARTS BOOK

Part #82875

HSMFG030122

Rev. #05

Starting Ser. #221HCD6031

STRONG HERITAGE - STRONG PEOPLE - STRONGER FUTURE

CONTENTS

Instructions for Ordering Parts	1
Figure 1 - Front Pole and Components.	2-3
Figure 2 - Transport Lock and Components.	4-5
Figure 3 - Center Pole and Slider.	6-7
Figure 4 - Main Frame Rear and Uprights	8-9
Figure 5 - Tandems and Tires.	10-11
Figure 6 - Linkage Arms and Components.	12-13
Figure 7 - Main Rake Beam Arm RH and Components	14-15
Figure 8 - Main Rake Beam Arm LH and Components.	16-17
Figure 9 - Front Caster and Components.	18-19
Figure 10 - Rake Wheel Components.	20-21
Figure 11 - Hydraulics and Components.	22-23
Figure 12 - Open Cylinder.	24-25
Figure 13 - Lift Cylinder	26-27
Figure 14 - Hydraulic Rear Opening Cylinder.	28-29
Figure 15 - 2 Wheel Extension Option	30-31
Figure 16 - Optional 2 - Point Hitch.	32-33
Figure 17 - Optional Interrupter 8000 Corn Stalk Breaker	34-35
Figure 18 - Optional Kicker Wheel	36-41
Figure 19 - Optional Lights	42-43
Parts Notes	44

INSTRUCTIONS FOR ORDERING PARTS

All service parts should be ordered through your authorized H&S dealer. He will be able to give you faster service if you will provide them with the following:

1. Model & Serial Number - Both can be located on the left side of the rear frame.
2. All references to left or right apply to the machine as viewed from the rear.
3. Parts should not be ordered from illustration only. Please order complete part number.
4. If your dealer has to order parts - give shipping instructions:

VIA truck - large pieces (please specify local truck lines)

VIA United Parcel Service (include full address)

H&S MFG. CO. INC.	
MARSHFIELD, WIS.	
MOD. NO.	
SER. NO.	
DESCR.	

PLEASE RECORD NUMBERS FOR YOUR UNIT FOR QUICK REFERENCE

ABOUT IMPROVEMENTS

H&S IS CONTINUALLY STRIVING TO IMPROVE ITS PRODUCTS

We must, therefore, reserve the right to make improvements or changes whenever it becomes practical to do so, without incurring any obligation to make changes or additions to the equipment previously sold.

FIGURE 1
FRONT POLE & COMPONENTS

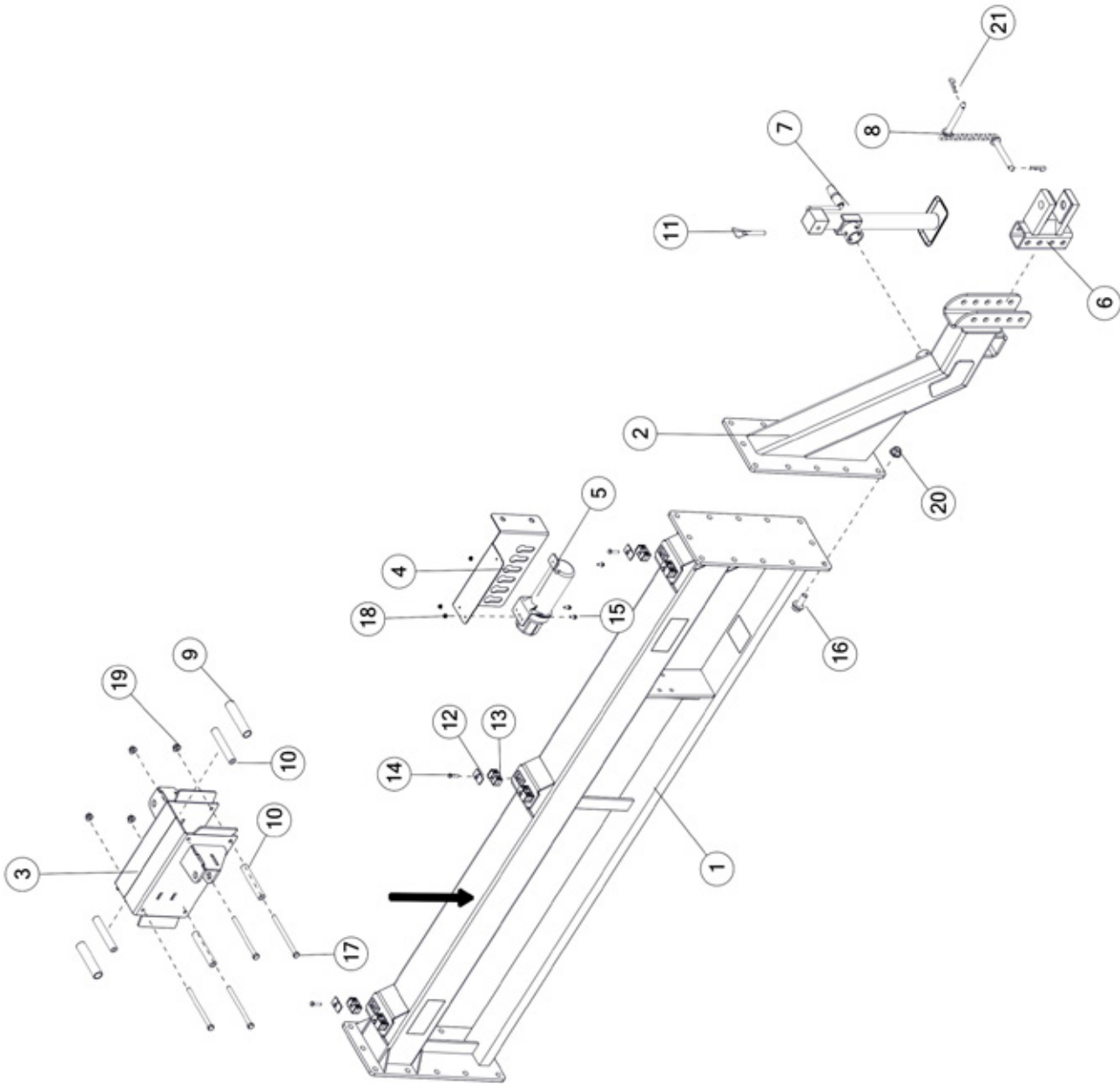


FIGURE 1

FRONT POLE & COMPONENTS

<u>ITEM</u>	<u>QTY</u>	<u>PART#</u>	<u>DESCRIPTION</u>
1	1	89097	FRONT POLE
2	1	81030	HITCH
3	1	81039	LINKAGE SLIDER, FRONT
4	1	60269	HOSE HOLDER
5	1	S522	MANUAL HOLDER
6	1	HD83	HITCH CLEVIS
7	1	BFR753A	JACK
8	1	87599	HITCH PIN
9	2	58297	BACK SLIDER ROLLER
10	4	58298	SLIDER SPACER
11	1	12N117	PIN
12	6	56563	CLAMP TOP PLATE
13	6	TS118	LINE CLAMP BLOCK
14	6	56568	CLAMP BOLT 5/16 x 1-3/8
15	3	YBFB08075	BOLT FLANGE, 1/4 X 3/4 G5
16	12	YBFB24200	BOLT FLANGE, 3/4 X 2 G5
17	4	YBHH16184	BOLT HEX, 1/2 X 7-1/2 G5
18	3	YNFG08010	NUT FLANGE, 1/4
19	4	YNFG16003	NUT FLANGE, 1/2
20	12	YNFG24006	NUT HEX, TOP LOCK, 3/4
21	2	YPHR02010	HAIR PIN

FIGURE 2
TRANSPORT LOCK & COMPONENTS

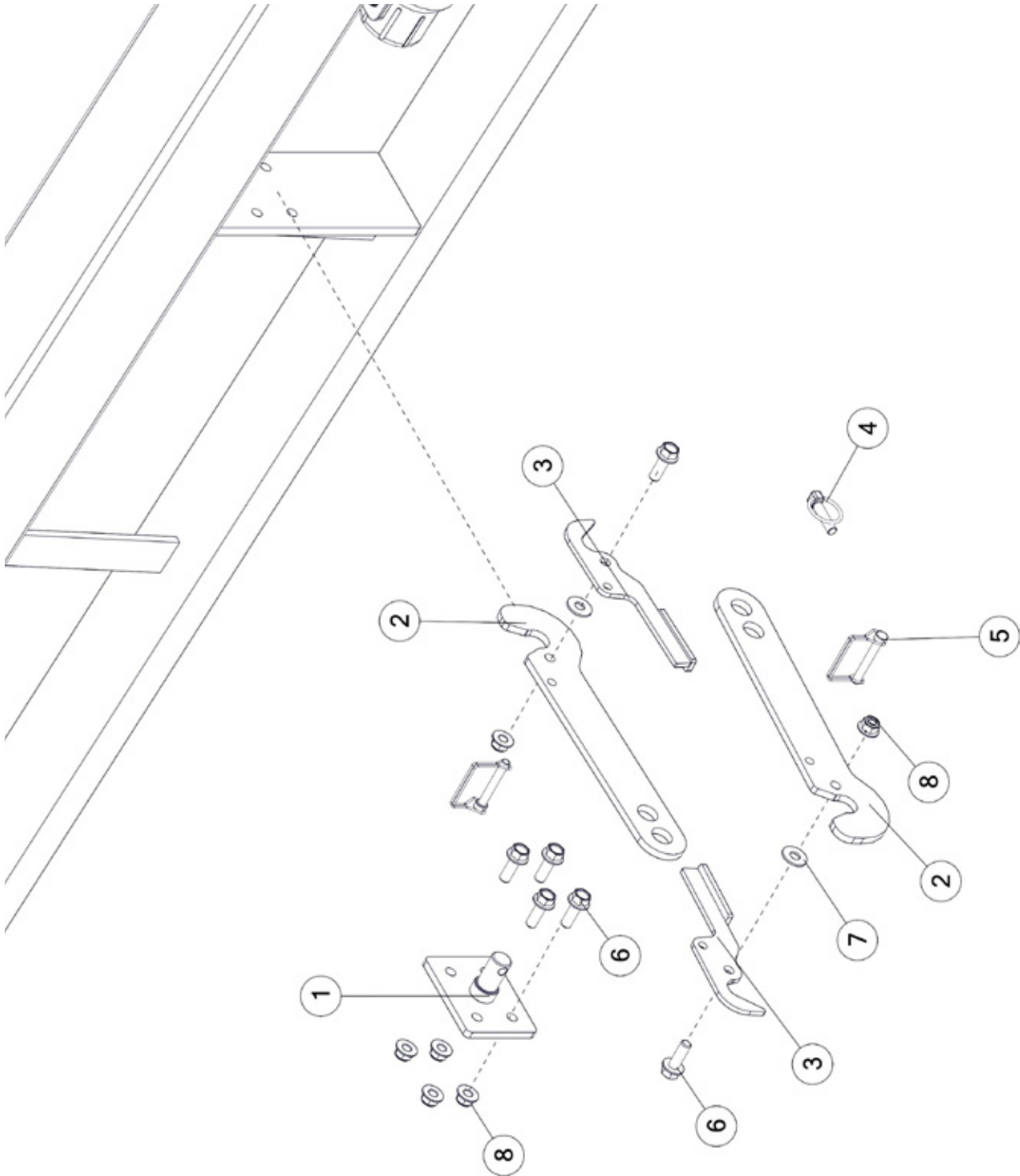


FIGURE 2
TRANSPORT LOCK & COMPONENTS

<u>ITEM</u>	<u>QTY</u>	<u>PART#</u>	<u>DESCRIPTION</u>
1	1	86675	TRANSPORT LOCK BRACKET
2	2	86638	TRANSPORT LOCK BAR
3	2	86641	TRANSPORT LOCK LEVER
4	1	YPLY12010	LYNCH PIN, 7/16 X 1-3/4
5	2	DWM191	SNAPPER PIN
6	6	YBFB16150	BOLT FLG, 1/2 X 1-1/2 G5
7	2	YWFL16005	WASHER FLAT, 1/2
8	6	YNFG16003	NUT FLG, 1/2

FIGURE 3
CENTER POLE & SLIDER

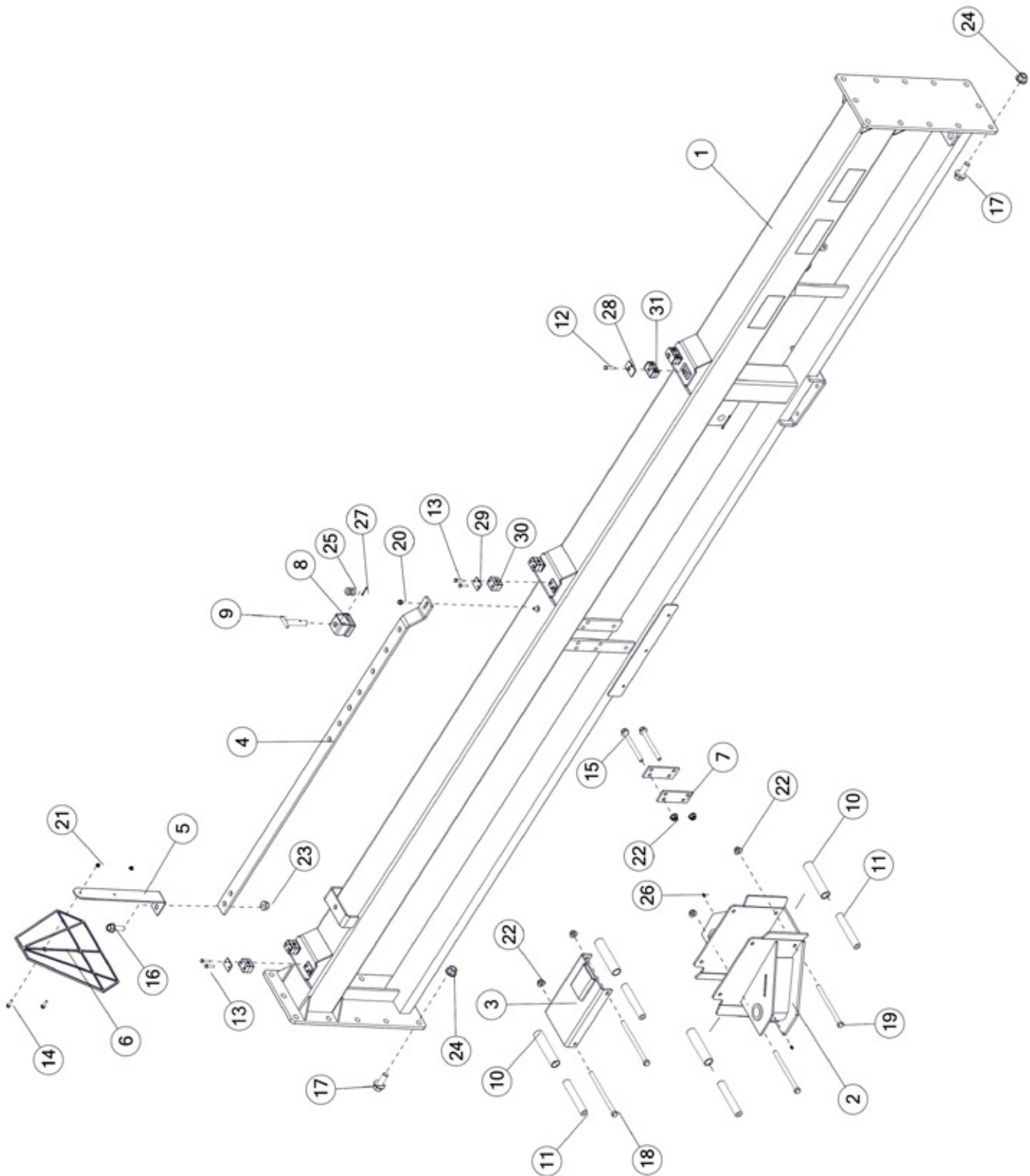


FIGURE 3

CENTER POLE & SLIDER

<u>ITEM</u>	<u>QTY</u>	<u>PART#</u>	<u>DESCRIPTION</u>
1	1	80925B	REAR POLE W/DECALS
2	1	81056	BACK LINKAGE SLIDER
3	1	81192	WIDTH ADJUSTMENT STOP
4	1	67416	WIDTH ADJUSTMENT BAR
5	1	63408	SMV BRACKET
6	1	BFR723	SMV SIGN
7	2	58692	SPACER
8	1	BFR239	SLEEVE LOCK ADJUSTMENT
9	1	BFR241	ADJUSTMENT HANDLE
10	4	58297	SLIDER ROLLER BACK
11	4	58298	SLIDER SPACER
12	2	56568	CLAMP BOLT, 5/16 X 1-3/8
13	8	YBHH08025	BOLT HEX, 1/4-20 X 1-1/2 G5
14	2	YBFB08100	BOLT FLANGE, 1/4 X 1 G5
15	2	YBFB16550	BOLT FLANGE, 1/2 X 5-1/2 G5
16	1	YBFB20200	BOLT FLANGE, 5/8 X 2 G5
17	12	YBFB24200	BOLT FLANGE, 3/4 X 2 G5
18	2	YBHH16182	BOLT HEX, 1/2 X 8 G5
19	2	YBHH16184	BOLT HEX, 1/2 X 7-1/2 G5
20	1	YBFB10002	BOLT FLANGE, 5/16 X 1/2 G5
21	2	YNFG08010	NUT FLANGE, 1/4
22	4	YNFG16003	NUT FLANGE, 1/2
23	1	YNFG20005	NUT FLANGE, 5/8 LKTL
24	12	YNFG24006	NUT HEX FLANGE TOP LOCK, 3/4
25	1	BFR240	SPRING
26	2	G89	STRAIGHT ZERK, 1/4-28 X 90
27	1	YPCT05005	COTTER PIN, 5/32 X 1
28	2	56563	CLAMP PLATE
29	4	56565	CLAMP COVER
30	4	56624	HOSE CLAMP
31	2	TS118	CLAMP BLOCK

FIGURE 4
MAIN FRAME REAR & UPRIGHTS

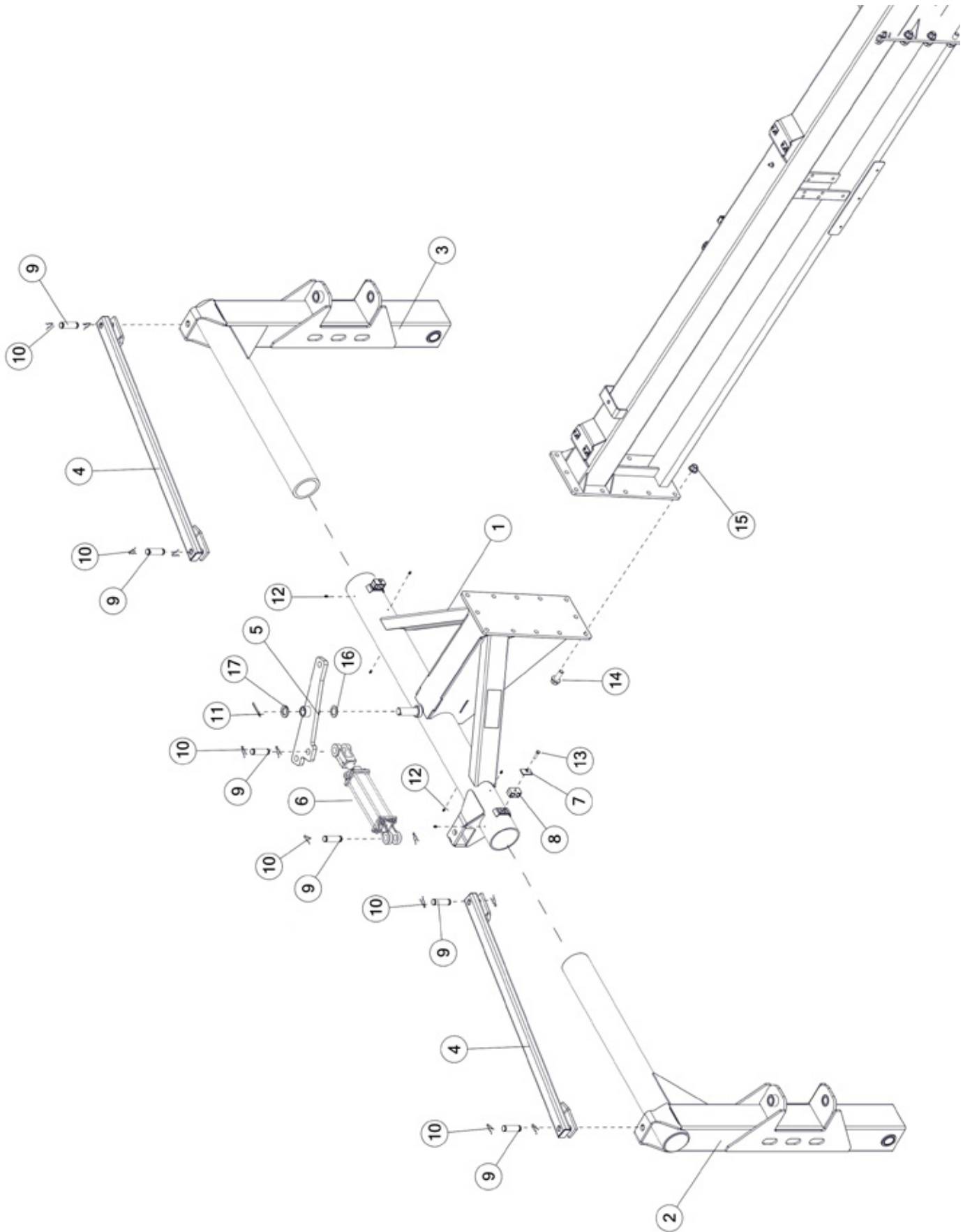


FIGURE 4

MAIN FRAME REAR & UPRIGHTS

<u>ITEM</u>	<u>QTY</u>	<u>PART#</u>	<u>DESCRIPTION</u>
1	1	82678B	REAR FRAME
2	1	82675B	UPRIGHT RH
3	1	82684B	UPRIGHT LH
4	2	89124	CYLINDER LINK
5	1	HD8	CAM ARM
6	1	71743	HYDRAULIC CYLINDER, 2-1/2 X 8 W/ORB PORTS
7	2	56563	CLAMP PLATE TOP
8	2	CHM278	TWO LINE CLAMP BLOCK, 3/8
9	6	T143	HYDRAULIC CYLINDER PIN
10	12	53371	CYLINDER PIN
11	1	YPCT08010	COTTER PIN, 1/4 X 2-1/2
12	6	G89	STRAIGHT ZERK, 1/4-28 X 90
13	2	56568	CLAMP BOLT 5/16 x 1-3/8
14	12	YBFB24200	BOLT FLANGE, 3/4 X 2 G5
15	12	YNFG24006	NUT HEX FLANGE, TOP LOCK, 3/4
16	1	70877	SHIM
17	1	BFR229	SHIM

FIGURE 5
TANDEMS & TIRES

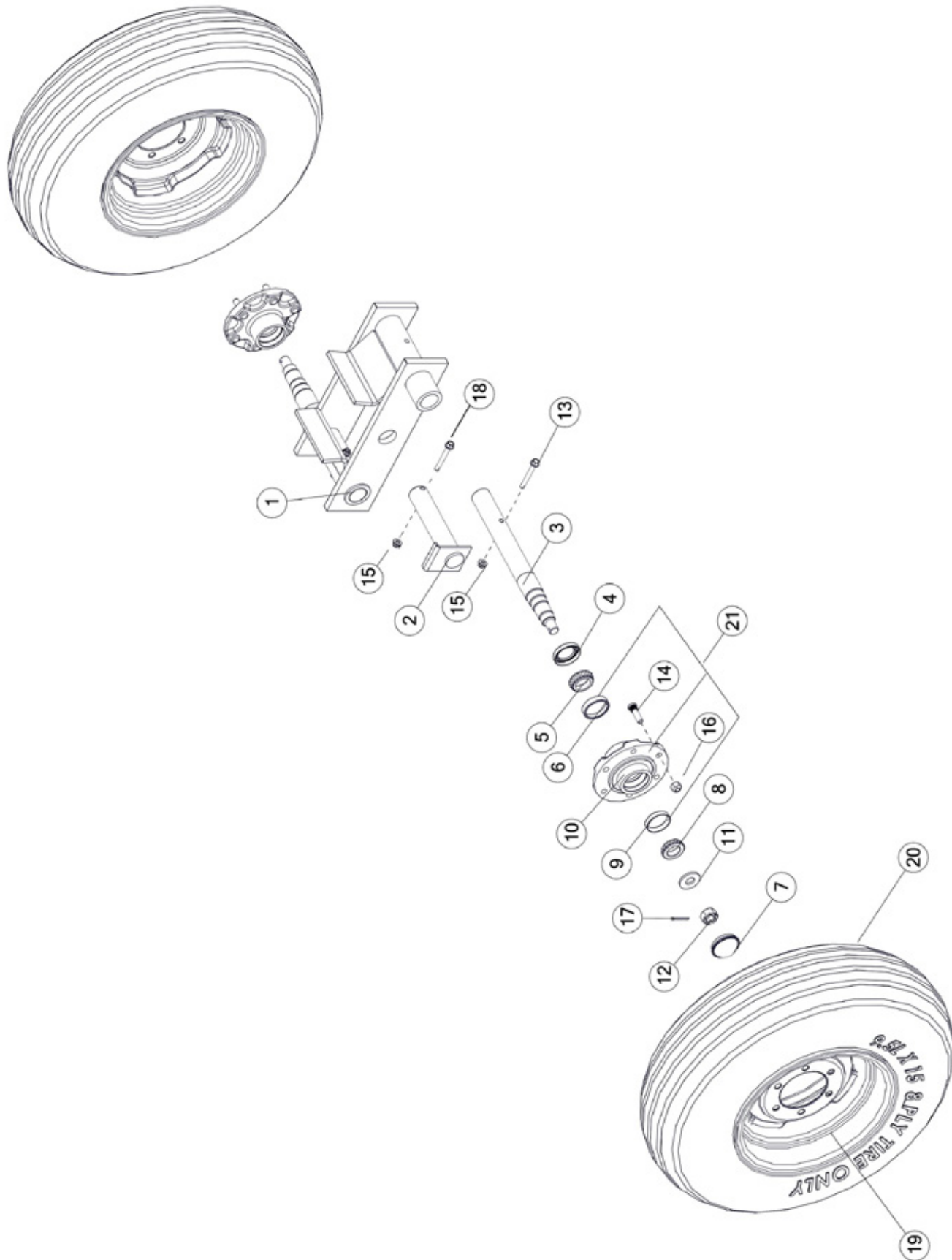


FIGURE 5

TANDEMS & TIRES

<u>ITEM</u>	<u>QTY</u>	<u>PART#</u>	<u>DESCRIPTION</u>
1	1	89117	OSCILLATING TANDEM RH
*	1	89095	OSCILLATING TANDEM LH
2	2	89106	AXLE PIN
3	4	FR55	SPINDLE
4	4	12N17	HUB
5	4	12N18	TAPER BEARING
6	4	12N19	INNER RACE
7	4	17G144	HUB CAP
8	4	17G145	ROLLER BEARING
9	4	17G146	OUTER RACE
10	4	58401	HUB W/ RACES AND STUDS
11	4	HD200	ROAD WHEEL SPINDLE WASHER
12	4	YNSL28005	NUT SLOT, 7/8 G2
13	4	YBFB12300	BOLT FLANGE, 3/8 X 3 G5
14	48	YBSD16005	BOLT STUD, 1/2 X 1-7/8 G5
15	6	YNFG12006	NUT FLANGE, 3/8
16	48	YNWL16005	NUT WHEEL, 1/2 G5
17	4	YPCT05010	COTTER PIN, 5/32 X 1-1/2
18	2	YBFB12300	BOLT FLANGE, 3/8 X 3 G5
19	4	12N24	WHEEL, 15 X 8
20	4	85425	TIRE, 240/80R15, RADIAL IMPLEMENT
21	4	RG101	HUB W/RACES AND STUDS
*	4	85423	IF240/80R15IMP TIRE MTD ON 15X8 OFF-WHITE WHEEL
*	4	72436	VALVE STEM

***MEANS NOT SHOWN**

FIGURE 6
LINKAGE ARMS & COMPONENTS

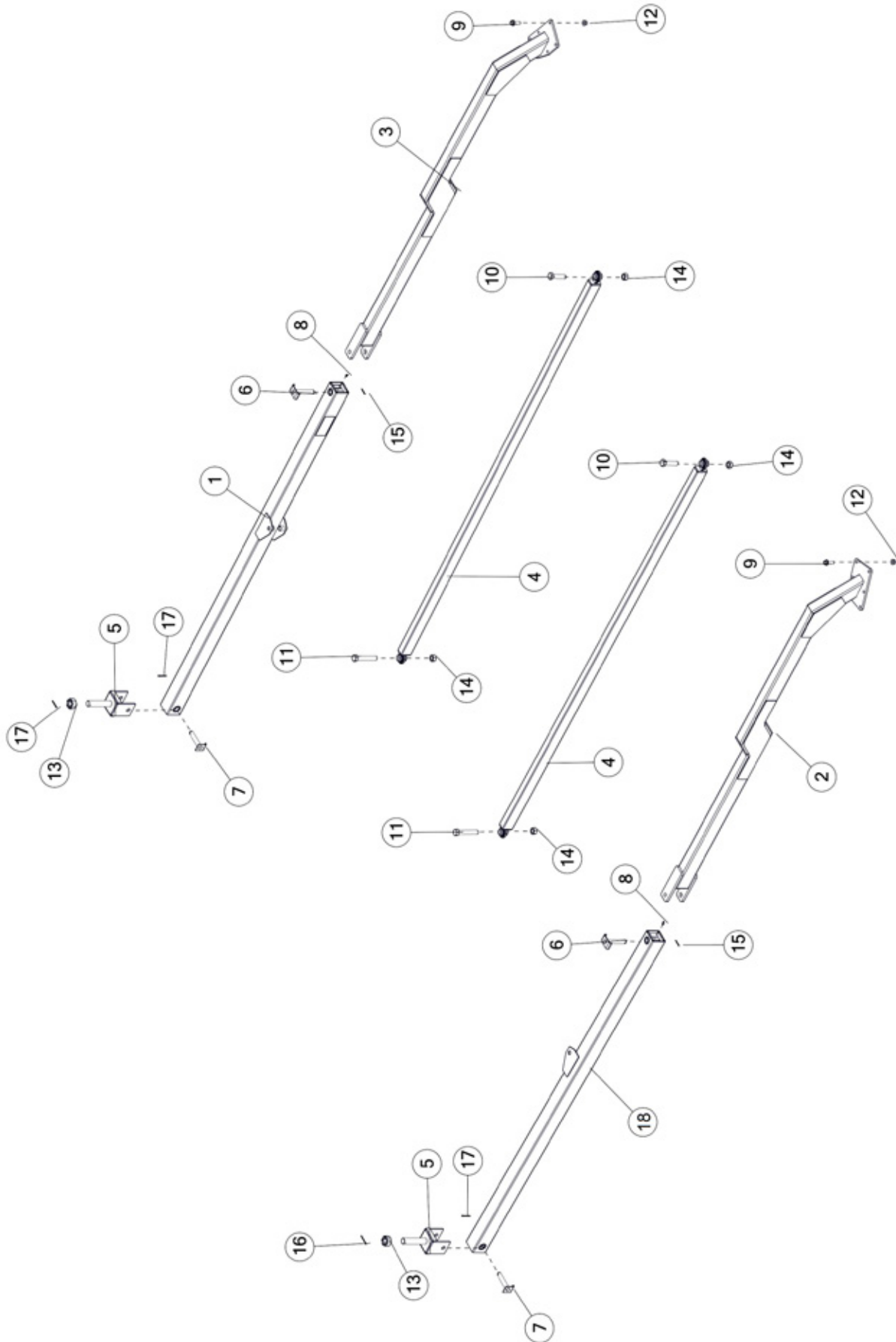


FIGURE 6

LINKAGE ARMS & COMPONENTS

<u>ITEM</u>	<u>QTY</u>	<u>PART#</u>	<u>DESCRIPTION</u>
1	1	82241B1	LINKAGE W/DECAL, BACK LH
2	1	82216	LINKAGE, FRONT RH
3	1	82286	LINKAGE, FRON LH
4	2	BFR458	LINKAGE FRONT
5	2	BFR476	LINKAGE YOKE, BACK
6	2	BFR461	RAKE BEAM ARM PIN
7	2	BFR479	PIVOT YOKE SHAFT PIN
8	2	RG21	ZERK
9	12	YBFB20200	BOLT FLANGE, 5/8 X 2 G5
10	2	YBHH32015	BOLT HEX, 1 X 4 G5
11	2	YBHH32025	BOLT HEX, 1 X 6 G5
12	12	YNFG20005	NUT FLANGE, 5/8
13	2	YNSL40005	NUT SLOT, 1-1/2 G2
14	4	YNL32005	NUT HEX, 1 LKTL
15	2	YPCT05010	COTTER PIN, 5/32 X 1-1/2
16	2	YPCT05035	COTTER PIN, 5/32 X 2-1/2
17	2	YPCT06020	COTTER PIN, 3/16 X 2
18	1	82241B2	LINKAGE W/DECAL, BACK RH

FIGURE 7
MAIN RAKE BEAM ARM RH & COMPONENTS

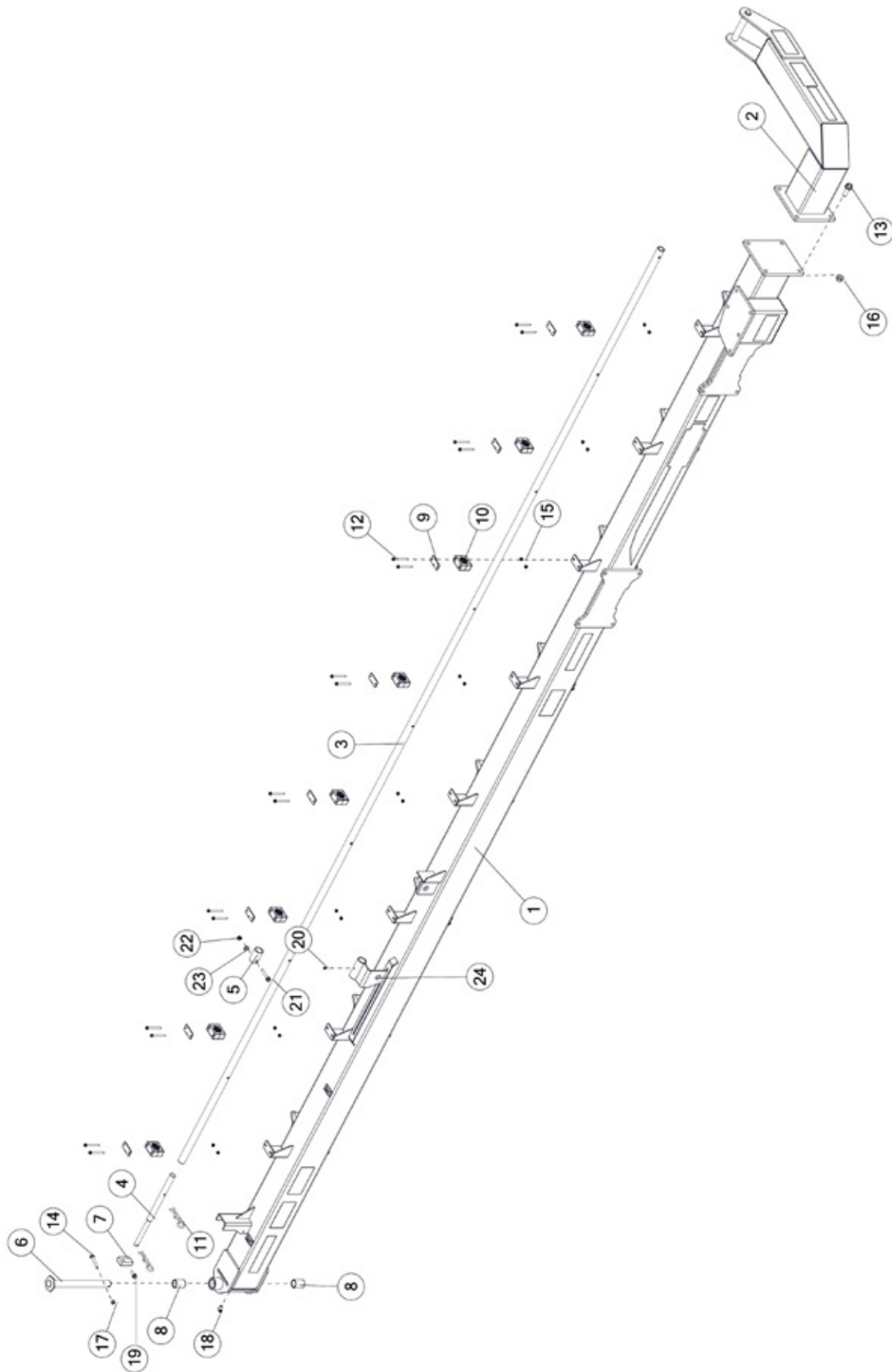


FIGURE 7

MAIN RAKE BEAM ARM RH & COMPONENTS

<u>ITEM</u>	<u>QTY</u>	<u>PART#</u>	<u>DESCRIPTION</u>
1	1	82697B1	RAKE BEAM W/DECAL RH
2	1	82290B	STANDOFF BEAM W/DECAL RH
3	1	81151	LIFTING PIPE RH
4	1	81286	RAKE ARM LOCK-UP SHAFT
5	1	HD175	LIFTING PIPE COLLAR
6	1	FR10	U JOINT PIN
7	1	64103	RAKE PRESSURE HANDLE
8	2	RG132	BUSHING
9	8	56566	HOSE CLAMP COVER
10	8	69113	HOSE CLAMP CUSION
11	2	YPHR08040	HAIR PIN
12	16	YBFB08300	BOLT FLANGE, 1/4 X 3 G5
13	4	YBFB20200	BOLT FLANGE, 5/8 X 2 G5
14	1	YBHH12090	BOLT HEX, 3/8 X 2-1/2 G5
15	16	YNFG08010	NUT FLANGE, 1/4
16	4	YNFG20005	NUT FLANGE, 5/8
17	2	YNTL12005	NUT HEX, 3/8
18	1	DWM133	1/8 PIPE - 45 DEGREE ZERK
19	1	YBFB08005	BOLT FLANGE, 1/4 X 1/2 G5
20	1	MS26	SHORT SHANK ZERK (STRAIGHT)
21	1	YBFB12250	BOLT FLANGE, 3/8 X 2-1/2 G5
22	1	YNFG12006	NUT FLANGE, 3/8
23	1	YWFL12005	WASHER FLAT, 3/8
24	1	81149	LIFTING PIPE CYL MOUNT RH

FIGURE 8
MAIN RAKE BEAM ARM LH & COMPONENTS

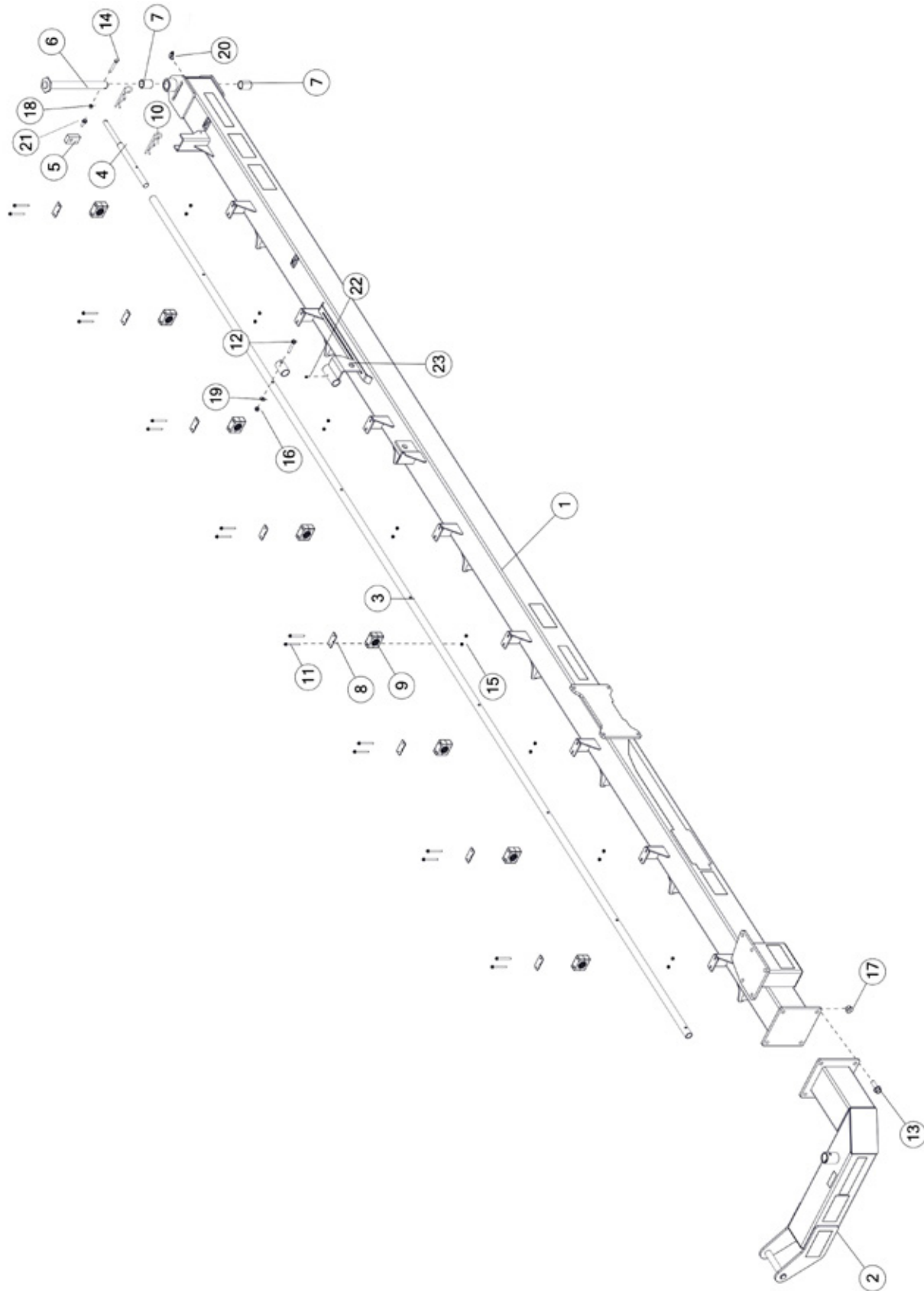


FIGURE 8

MAIN RAKE BEAM ARM LH & COMPONENTS

<u>ITEM</u>	<u>QTY</u>	<u>PART#</u>	<u>DESCRIPTION</u>
1	1	82687B	RAKE BEAM W/DECAL LH
2	1	82292B	STANDOFF BEAM W/DECAL LH
3	1	81151	LIFTING PIPE RH
4	1	81286	RAKE ARM LOCK-UP SHAFT
5	1	64103	RAKE PRESSURE HANDLE
6	1	FR10	U JOINT PIN
7	2	RG132	BUSHING
8	8	56566	HOSE CLAMP COVER
9	8	69113	HOSE CLAMP CUSION
10	2	YPHR08040	HAIR PIN, 1/4 X 5
11	16	YBFB08300	BOLT FLANGE, 1/4 X 3 G5
12	1	YBFB12250	BOLT FLANGE, 3/8 X 2-1/2 G5
13	4	YBFB20200	BOLT FLANGE, 5/8 X 2 G5
14	1	YBHH12090	BOLT HEX, 3/8 X 2-1/2 G5
15	16	YNFG08010	NUT FLANGE, 1/4
16	1	YNFG12006	NUT FLANGE, 3/8
17	4	YNFG20005	NUT FLANGE, 5/8
18	1	YNTL12005	NUT HEX, 3/8
19	1	YWFL12005	WASHER FLAT, 3/8
20	1	DWM133	1/8 PIPE - 45 DEGREE ZERK
21	1	YBFB08005	BOLT FLANGE, 1/4 X 1/2 G5
22	1	MS26	SHORT SHANK ZERK (STRAIGHT)
23	1	81314	LIFTING PIPE CYL MOUNT LH

FIGURE 9
FRONT CASTER & COMPONENTS

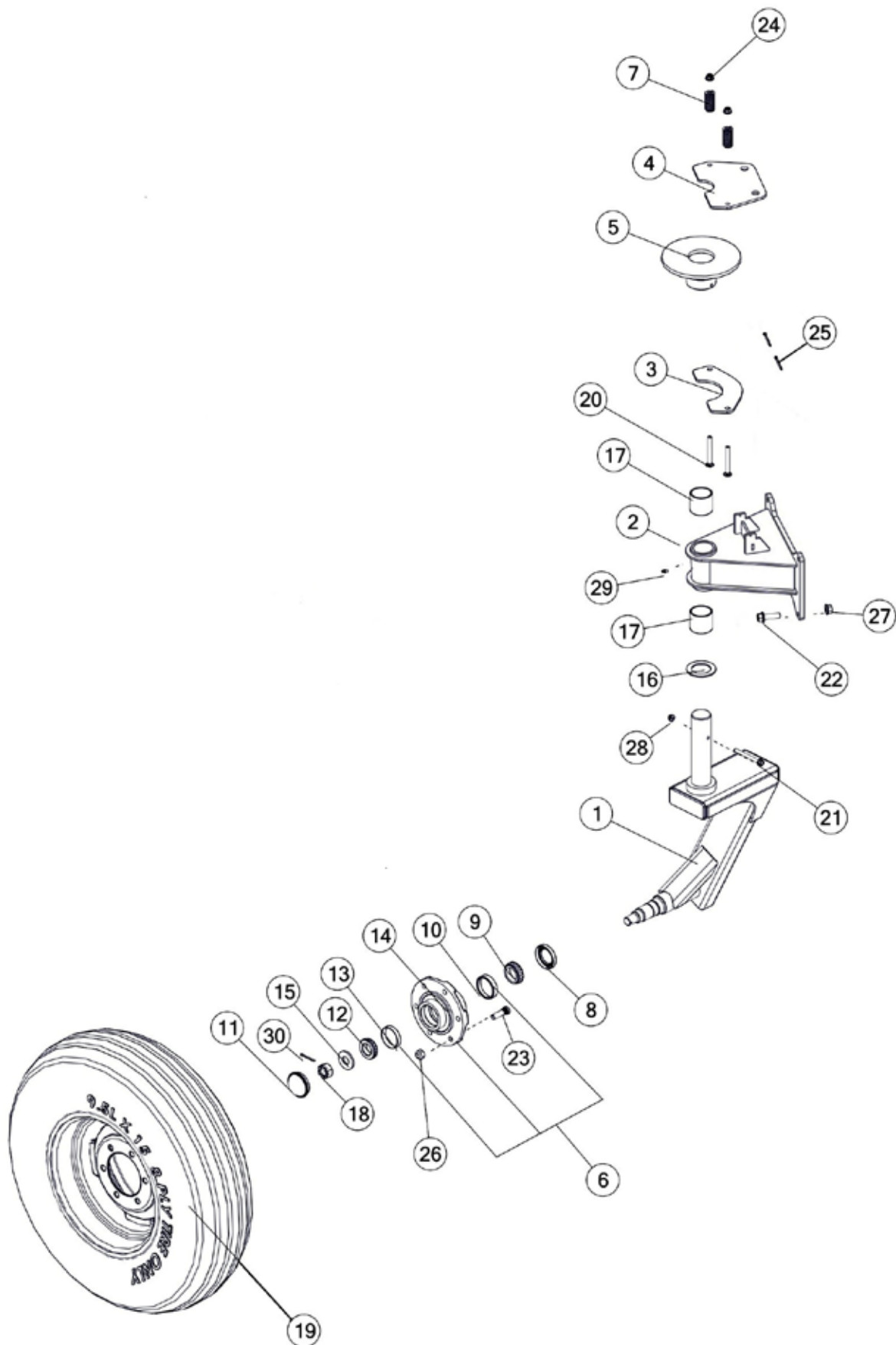


FIGURE 9

FRONT CASTER & COMPONENTS

<u>ITEM</u>	<u>QTY</u>	<u>PART#</u>	<u>DESCRIPTION</u>
1	1	81647	CASTER RH
*	1	81646	CASTER LH
2	1	86838	CASTER MOUNT
3	1	81194	BRAKE PINCHER PLATE TOP
4	1	86835	TOP BRAKE PINCHER PLATE
5	1	81223	BRAKE DISK
6	1	RG101	HUB W/RACES
7	2	WM210	SPRING
8	1	12N17	HUB
9	1	12N18	TAPER BEARING
10	1	12N19	INNER RACE
11	1	17G144	HUB CAP
12	1	17G145	TAPER BEARING
13	1	17G146	OUTER RACE
14	1	58401	HUB
15	1	HD200	WASHER
16	1	RG24	BRONZE THRUST WASHER
17	2	RG26	BUSHING
18	1	YNSL28005	NUT SLOT, 7/8 G2
19	1	85425	TIRE, 240/80R15, RADIAL IMPLEMENT
20	2	YBCR12080	BOLT CARRIAGE, 3/8 X 3-1/4, G5
21	1	YBFB10350	BOLT FLANGE, 5/16 X 3-1/2 G8
22	4	YBFB16175	BOLT FLANGE, 1/2 X 1-3/4 G5
23	6	YBSD16005	BOLT STUD, 1/2 X 1-7/8 G5
24	2	YNFG12006	NUT FLANGE, 3/8
25	2	YPCT04020	COTTER PIN, 1/8 X 3/4
26	6	YNWL16005	NUT WHEEL, 1/2 G5
27	4	YNFG16005	NUT FLANGE, 1/2 LKTL
28	1	YNFG10005	NUT FLANGE, 5/16
29	1	G89	STRAIGHT ZERK, 1/4-28 X 90
30	1	YPCT05010	COTTER PIN, 5/32 X 1-1/2
*	1	85423	IF240/80R15IMP TIRE MTD ON 15X8 OFF-WHITE WHEEL

***MEANS NOT SHOWN**

FIGURE 10
RAKE WHEEL & COMPONENTS

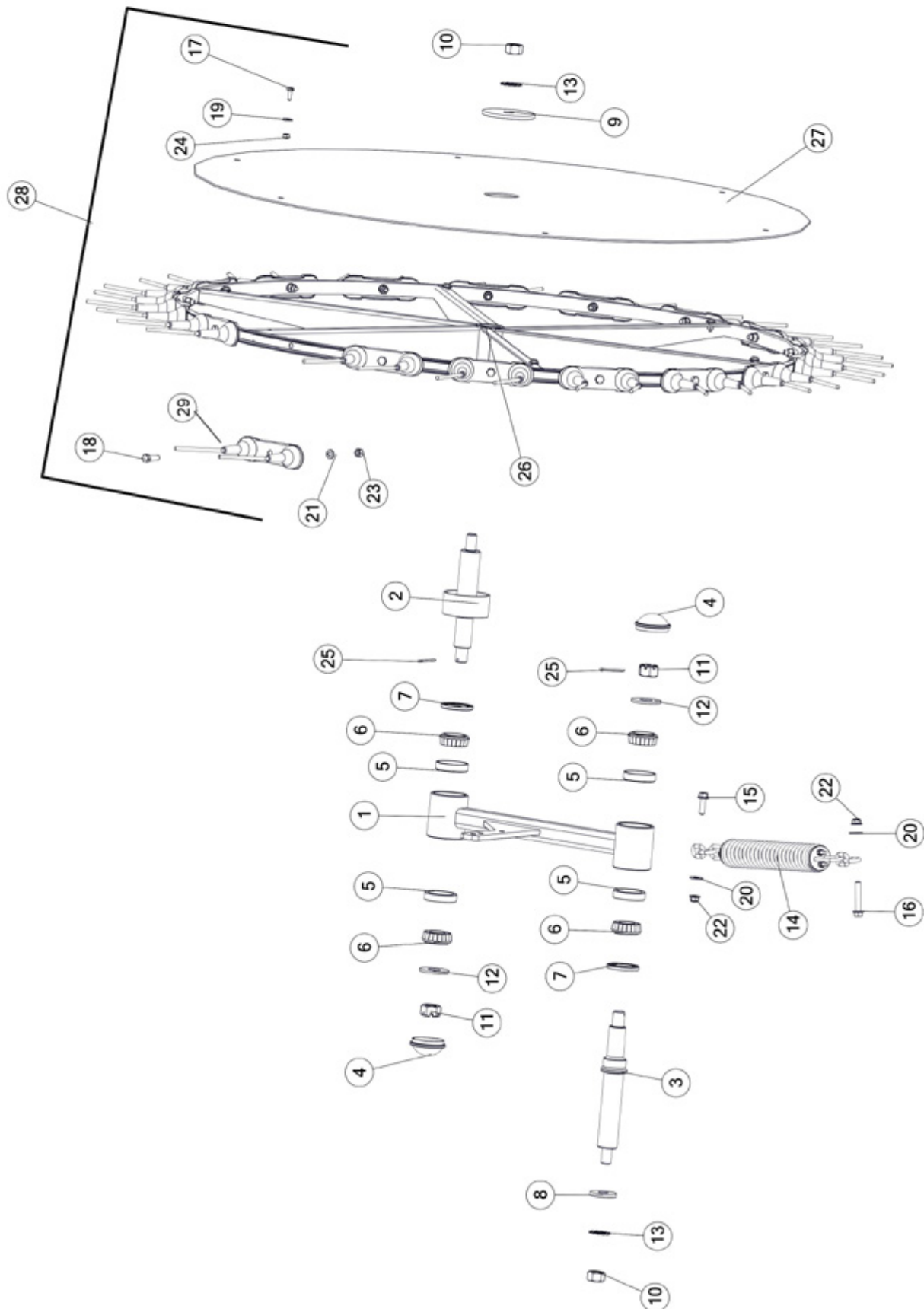


FIGURE 10

RAKE WHEEL & COMPONENTS

<u>ITEM</u>	<u>QTY</u>	<u>PART#</u>	<u>DESCRIPTION</u>
1	1	81271	RAKE ARM
2	1	HD126	RAKE WHEEL SPINDLE
3	1	HD125	PIVOT SPINDLE
4	2	17G144	HUB CAP
5	4	3G18	RACE
6	4	HD122	TAPER BEARING
7	2	HD124	SEAL
8	1	HD157	PIVOT WASHER
9	1	HD158	SPINDLE WASHER
10	2	YNHX24005	NUT HEX, 3/4
11	2	YNSL28005	NUT SLOT, 7/8 G2
12	2	YWFL28010	WASHER FLAT, 7/8
13	2	YWSI24005	WASHER LOCK STAR, 3/4
14	1	84181	SPRING, COMPLETE
15	1	YBFB12125	BOLT FLANGE, 3/8 X 1-1/4 G5
16	1	YBFB12225	BOLT FLANGE, 3/8 X 2-1/4 G5
17	6	YBHH08100	BOLT HEX, 1/4 X 3/4 G5
18	18	YBHH12035	BOLT HEX, 3/8 X 1-1/4 G5
19	6	YWFL08005	WASHER FLAT, 1/4
20	2	YWFL12005	WASHER FLAT, 3/8
21	18	YWLO12005	WASHER LOCK, 3/8
22	2	YNFG12006	NUT FLANGE, 3/8
23	18	YNHX12005	NUT HEX, 3/8
24	6	YNTL08005	NUT HEX, 1/4
25	2	YPCT05010	COTTER PIN, 5/32 X 1-1/2
26	1	HD117	RAKE WHEEL
27	1	HD118	POLY
28	1	HD204	COMPLETE RAKE WHEEL RH
*	1	HD203	COMPLETE RAKE WHEEL LH
29	1	58710	DOUBLE RUBBER RAKE TOOTH

FIGURE 11
HYDRAULICS & COMPONENTS

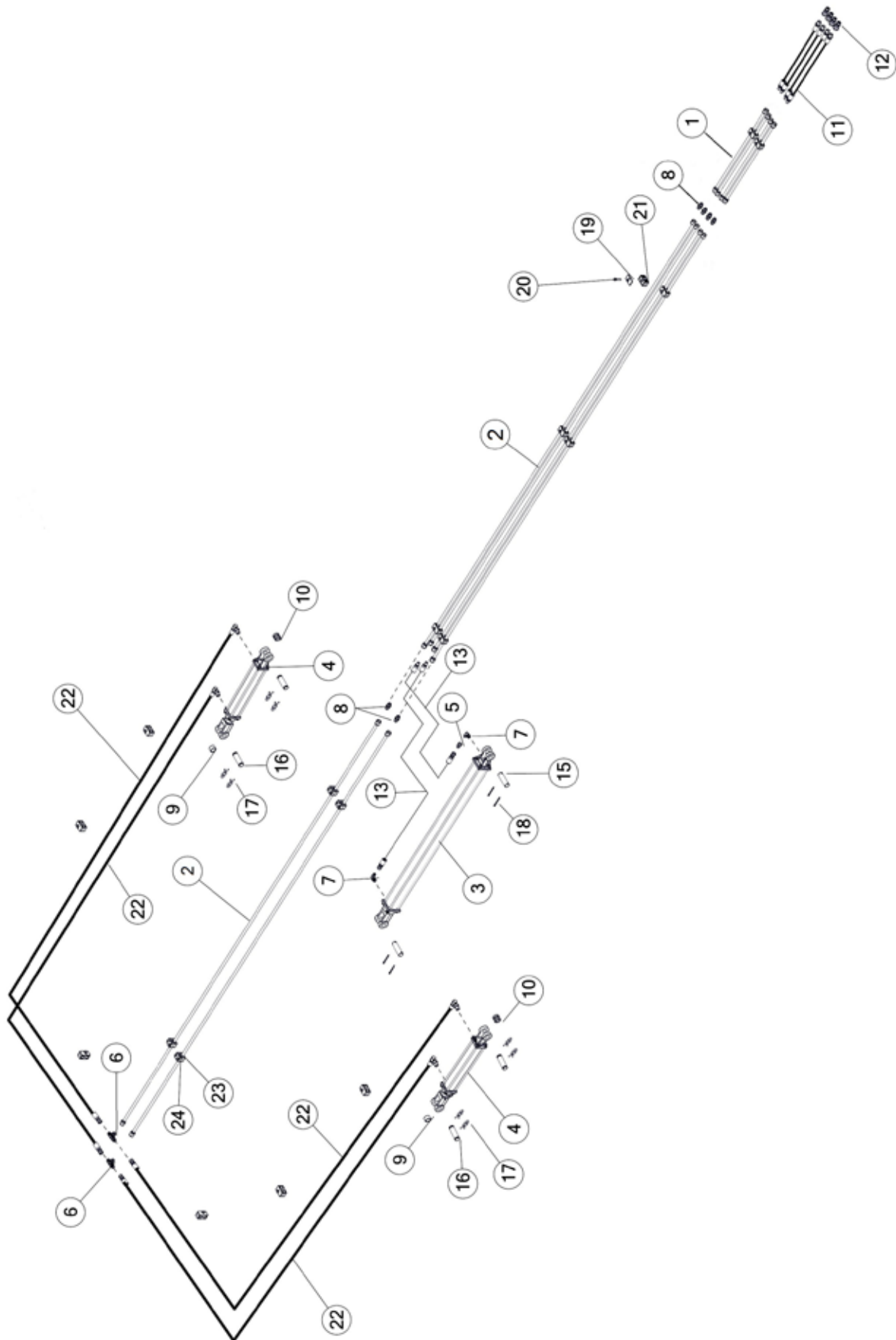


FIGURE 11

HYDRAULICS & COMPONENTS

<u>ITEM</u>	<u>QTY</u>	<u>PART#</u>	<u>DESCRIPTION</u>
1	4	89075	HYDRAULIC TUBE
2	6	82298	HYDRAULIC HARDLINE
3	1	71386	HYDRAULIC CYLINDER
4	2	81290	HYDRAULIC CYLINDER
5	1	58145	ORIFICE, .078
6	2	81311	FITTING, 8 JIC, 8 JIC, 8 JIC, STL
7	2	CHM268	ELBOW
8	6	GM17	ADAPTER
9	2	HD187	SPACER, 3/4 X 1
10	2	X94	SPACER
11	4	81231	HYDRAULIC HOSE
12	4	67148	QUICK COUPLER TIP
13	2	81229	HYDRAULIC HOSE
14	4	81322	HYDRAULIC HOSE
15	2	BFR634	CYLINDER PIN
16	4	T143	CYLINDER PIN
17	8	YPHR02020	HAIR PIN, #23-10
18	4	YPCT06020	COTTER PIN, 3/16 X 2
19	18	56563	CLAMP TOP PLATE
20	18	56568	CLAMP BOLT, 5/16 X 1-3/8
21	18	TS118	LINE CLAMP BLOCK
22	4	81322	HOSE
23	4	56624	HOSE CLAMP CUSION
24	4	56565	CLAMP COVER
*	4	TFM83	90 DEGREE ELBOW

FIGURE 12
OPEN CYLINDER

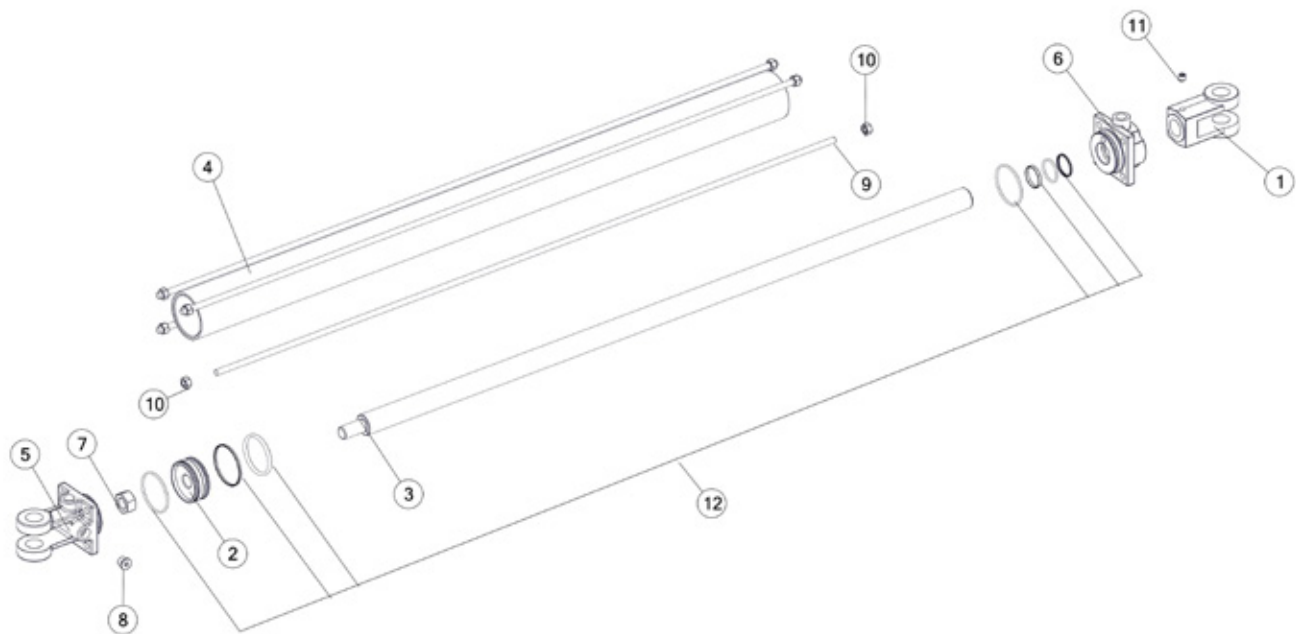


FIGURE 12

OPEN CYLINDER

<u>ITEM</u>	<u>QTY</u>	<u>PART#</u>	<u>DESCRIPTION</u>
1	1	23N150A	ROD CLEVIS
2	1	56181	PISTON
3	1	71386	HYDRAULIC CYLINDER, 2-1/2 X 40 W/ORB PORTS
4	1	60627	CYLINDER TUBE
5	1	71387	CLEVIS CAP
6	1	71386	HYDRAULIC CYLINDER, 2-1/2 X 40 W/ORB PORTS
7	1	23N148	PISTON NUT
8	1	71261	PLUG, #6 ORB
9	4	BFR656	TIE ROD
10	8	YNHX12006	NUT HEX, 3/8 G2
11	1	YSSO12015	SCREW SET, SOCKET, 3/8 X 3/8
12	1	58687	SEAL KIT
*	1	71386	CYLINDER

***MEANS NOT SHOWN**

FIGURE 13
LIFT CYLINDER

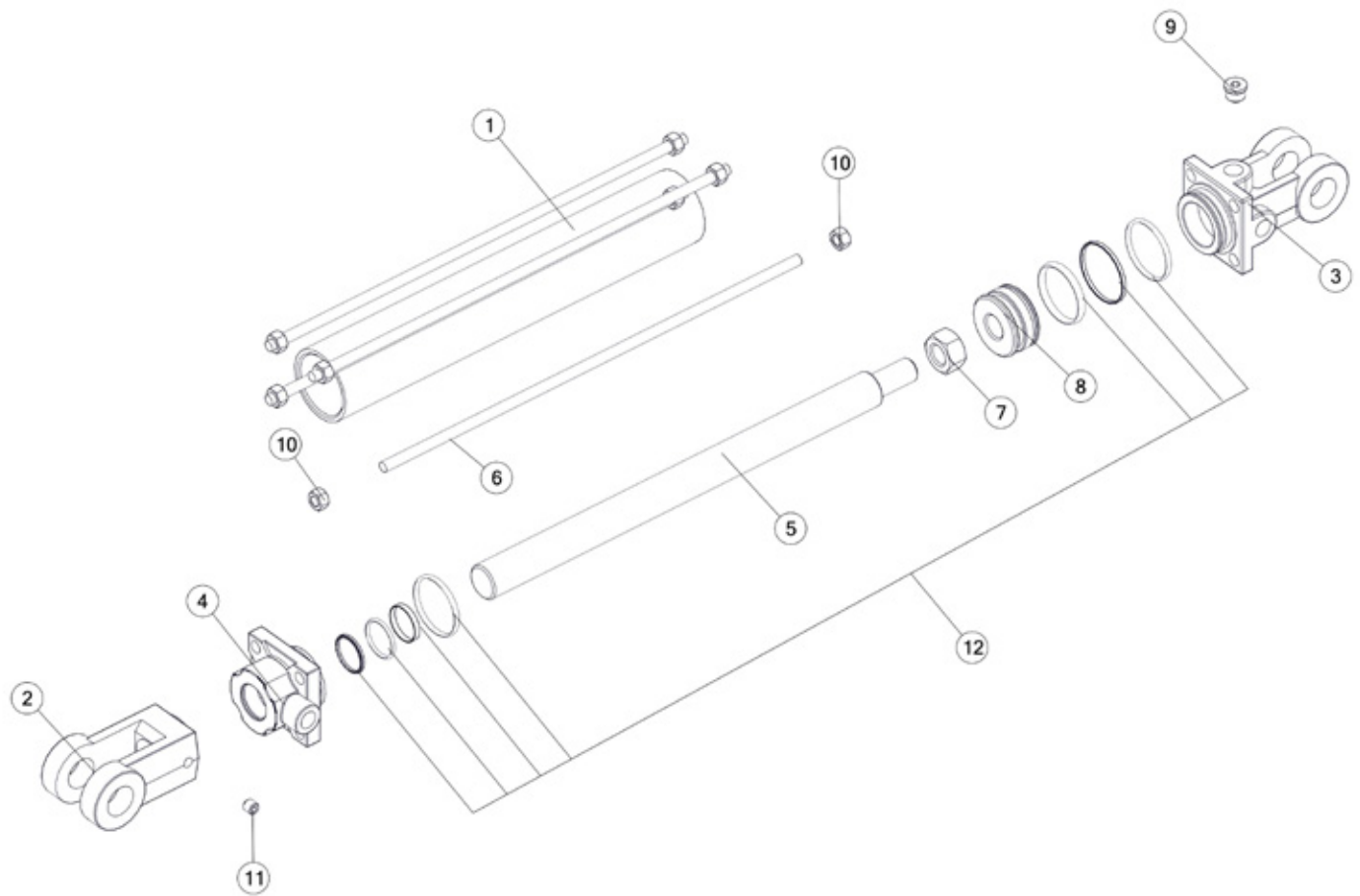


FIGURE 13

LIFT CYLINDER

<u>ITEM</u>	<u>QTY</u>	<u>PART#</u>	<u>DESCRIPTION</u>
1	1	56451	CYLINDER TUBE
2	1	23N150A	ROD CLEVIS
3	1	66932	CLEVIS CAP
4	1	66934	ROD CAP
5	1	56452	CYLINDER ROD
6	4	56453	CYLINDER TIE ROD
7	1	23N148	PISTON NUT
8	1	56180	PISTON
9	1	SD270	HOLLOW HEX PLUG
10	8	YNHX12006	NUT HEX, 3/8 G2
11	1	YSSO12015	SCREW SET, SOCKET, 3/8 X 3/8
12	1	56187	SEAL KIT
*	1	81290	CYLINDER

***MEANS NOT SHOWN**

FIGURE 14
HYDRAULIC REAR OPENING CYLINDER

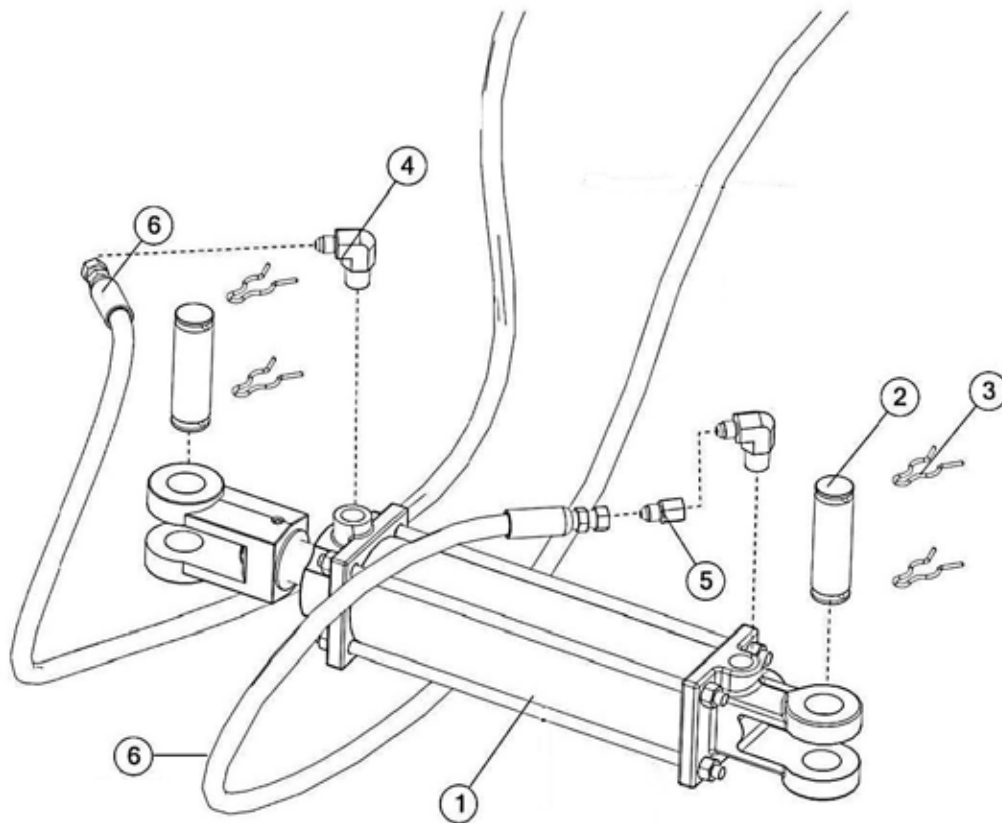


FIGURE 14

HYDRAULIC REAR OPENING CYLINDER

<u>ITEM</u>	<u>QTY</u>	<u>PART#</u>	<u>DESCRIPTION</u>
1	1	71743	CYLINDER
2	2	T143	HYDRAULIC CYLINDER PIN
3	4	YPHR02020	HAIR PIN
4	2	CHM268	ELBOW
5	1	58142	FITTING
6	2	71760	HYDRAULIC HOSE
*	1	56188	SEAL KIT
*	2	67148	QUICK COUPLER TIP

***MEANS NOT SHOWN**

FIGURE 15
2 WHEEL EXTENSION OPTION

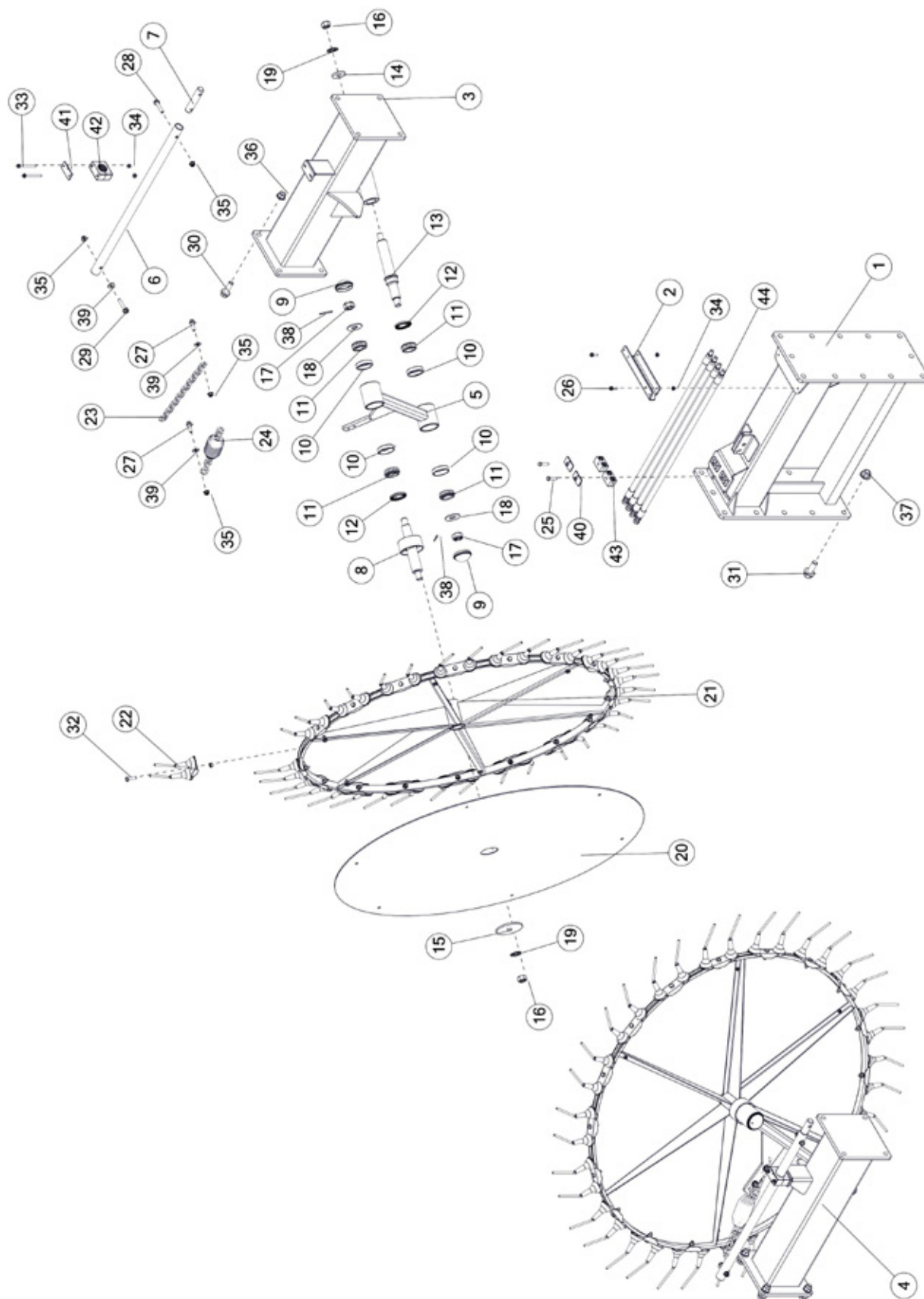


FIGURE 15

2 WHEEL EXTENSION OPTION

<u>ITEM</u>	<u>QTY</u>	<u>PART#</u>	<u>DESCRIPTION</u>
1	1	82836	POLE, FRONT
2	1	82846	ROPE BRACKET
3	1	82825	EXTENTION RH
4	1	82822	EXTENTION LH
5	1	81271	RAKE ARM
6	1	82833	LIFTING PIPE
7	1	82834	EXTENTION PIN
8	1	HD126	RAKE WHEEL SPINDLE
9	2	17G144	HUB CAP
10	4	3G18	RACE
11	4	HD122	TAPER BEARING
12	2	HD124	SEAL
13	1	HD125	PIVOT SPINDLE
14	1	HD157	PIVOT WASHER
15	1	HD158	SPINDLE WASHER
16	2	YNHX24005	NUT HEX, 3/4
17	2	YNSL28005	NUT SLOT, 7/8 G2
18	2	YWFL28010	WASHER FLAT, 7/8
19	2	YWSI24005	WASHER LOCK, 3/4
20	1	HD118	POLY
21	1	HD117	RAKE WHEEL
22	1	58710	TOOTH, DOUBLE RUBBER
23	1	FR58	CHAIN (15 LINKS)
24	1	8771	RAKE WHEEL SPRING
25	1	56568	CLAMP BOLT 5/16 x 1-3/8
26	1	YBFB08100	BOLT FLANGE, 1/4 X 1 G5
27	2	YBFB12125	BOLT FLANGE, 3/8 X 1-1/4 G5
28	1	YBFB12200	BOLT FLANGE, 3/8 X 2 G5
29	1	YBFB12225	BOLT FLANGE, 3/8 X 2-1/4 G5
30	1	YBFB20200	BOLT FLANGE, 5/8 X 2 G5
31	1	YBFB24200	BOLT FLANGE, 3/4 X 2 G5
32	1	YBHH12035	BOLT FLANGE, 3/8 X 1-1/4 G5
33	1	YBFB08300	BOLT FLANGE, 1/4 X 3 G5
34	2	YNFG08005	NUT FLANGE, 1/4
35	4	YNFG12006	NUT FLANGE, 3/8
36	1	YNFG20005	NUT FLANGE, 5/8
37	1	YNFG24006	NUT HEX TOP LOCK, 3/4
38	2	YPCT05010	COTTER PIN 5/32 X 1-1/2
39	3	YWFL12005	WASHER FLAT, 3/8
40	1	56563	CLAMP TOP PLATE
41	1	56566	S5 HOSE CLAMP COVER
42	1	69113	HOSE CLAMP CUSION
43	1	CHM278	HOSE CLAMP
44	1	82849	HYDRAULIC HOSE
*	1	HD204	RAKE WHEEL, COMPLETE RH
*	1	HD203	RAKE WHEEL, COMPLETE LH

***MEANS NOT SHOWN**

FIGURE 16
OPTIONAL 2-POINT HITCH

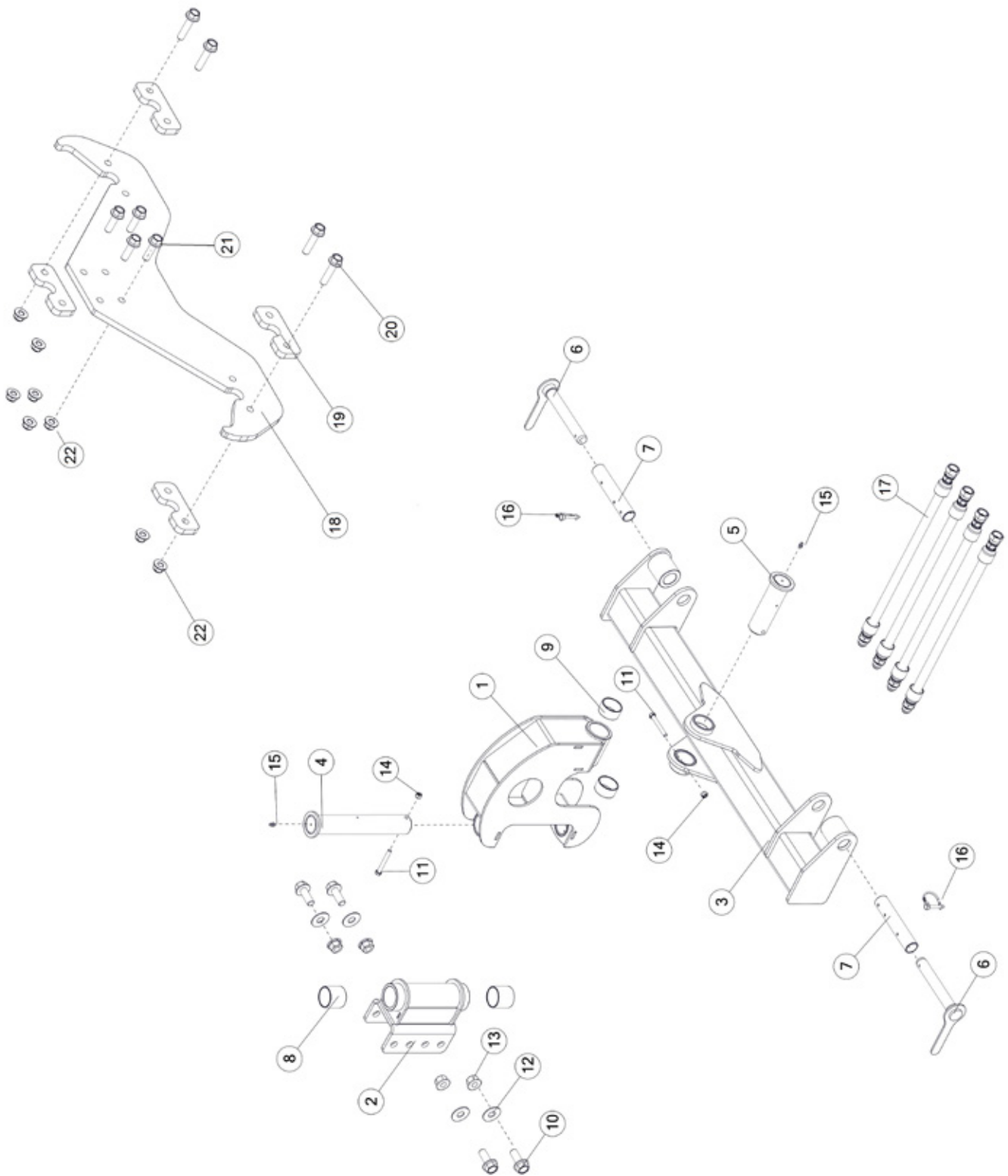


FIGURE 16

OPTIONAL 2-POINT HITCH

<u>ITEM</u>	<u>QTY</u>	<u>PART#</u>	<u>DESCRIPTION</u>
1	1	86710	HITCH PIVOT
2	1	86718	HINGING HITCH MOUNT
3	1	86701	TWO POINT HITCH
4	1	86715	HITCH PIVOT PIN, LONG
5	1	86705	HITCH PIVOT PIN, SHORT
6	2	PTMWE65	HITCH PIN
7	2	PTMTU56	CAT 3 ADAPTER TUBE
8	1	RG26	BUSHING, STEEL, 2.015" ID X 2.25" OD X 2.00" LONG
9	1	72652	BRONZE BUSHING
10	1	YBFB24200	BOLT FLG, 3/4 X 2.00 G5
11	2	YBHH12125	BOLT, 3/8-16 X 3 GR 5 FULL THREAD
12	1	YWFL24005	WASHER, FLAT, 3/4 USS
13	1	YNFG24006	NUT, FLG, 3/4-10, LKTL, G, ZC
14	2	YNTL12005	NUT, HEX, 3/8-16, LKTL, C, ZC
15	2	G89	STRAIGHT ZERK 1/4-28X90
16	2	DWM324	SNAPPER PIN
17	1	89390	HYDRAULIC HOSE, 6, 18
18	1	86620	AUTO LATCH HOOK
19	1	83394	HOOK WEAR PLATE
20	4	YBFB16225	BOLT FLANGE, 1/2 X 2-1/4 G5
21	4	YBFB16175	BOLT FLANGE, 1/2 X 1-3/4 G5
22	8	YNFG16003	NUT FLANGE, 1/2

This exploded view diagram illustrates the assembly of a bicycle seat. The components are numbered as follows:

- 1**: The main seat frame or shell.
- 2**: A small rectangular plate or insert.
- 3**: A small rectangular plate or insert.
- 4**: A small rectangular plate or insert.
- 5**: A small rectangular plate or insert.
- 6**: A small rectangular plate or insert.
- 7**: A long, thin rectangular plate or insert.
- 8**: A small rectangular plate or insert.
- 9**: A small rectangular plate or insert.
- 10**: A small rectangular plate or insert.
- 11**: A small rectangular plate or insert.
- 12**: A small rectangular plate or insert.
- 13**: A small rectangular plate or insert.
- 14**: A long, thin rectangular plate or insert.
- 15**: A small rectangular plate or insert.
- 16**: A small rectangular plate or insert.

The diagram shows the relative positions and assembly sequence of these parts, with dashed lines indicating the alignment of the components.

FIGURE 17

OPTIONAL CORN STALK BREAKER

<u>ITEM</u>	<u>QTY</u>	<u>PART#</u>	<u>DESCRIPTION</u>
1	1	86285	STALKER ARM
2	1	86286	LOCK MOUNT
3	1	86287	LOCK TOP PLATE
4	1	86284	MOUNT WELDMENT
5	1	86252	MOUNT PLATE
6	1	10ERAS01	ARM SLIDER PIN ASSEMBLY
7	3	LW237	CYLINDER PIN
8	1	55999	CYLINDER, 2 X 8 3000 PSI
9	4	YPCT06005	COTTER PIN, 3/16 X 1-1/2
10	2	YPCT05010	COTTER PIN 5/32" X 1-1/2"
11	8	16SV136	WASH FLAT, 1.75 X 1.02 X 0.13 ZC
12	2	CHM164	FITTING, 90, 6JIC X 3/8NPT
13	2	63336	FITTING, TEE, 8JIC X 8JIC X 8JIC
14	2	88301	HYDRAULIC HOSE, 8, 72 IN
15	10	YBFB12300	BOLT FLANGE, 3/8 X 3 G5
16	10	YNFG12006	NUT FLANGE, 3/8 GF

FIGURE 18
OPTIONAL KICKER WHEEL

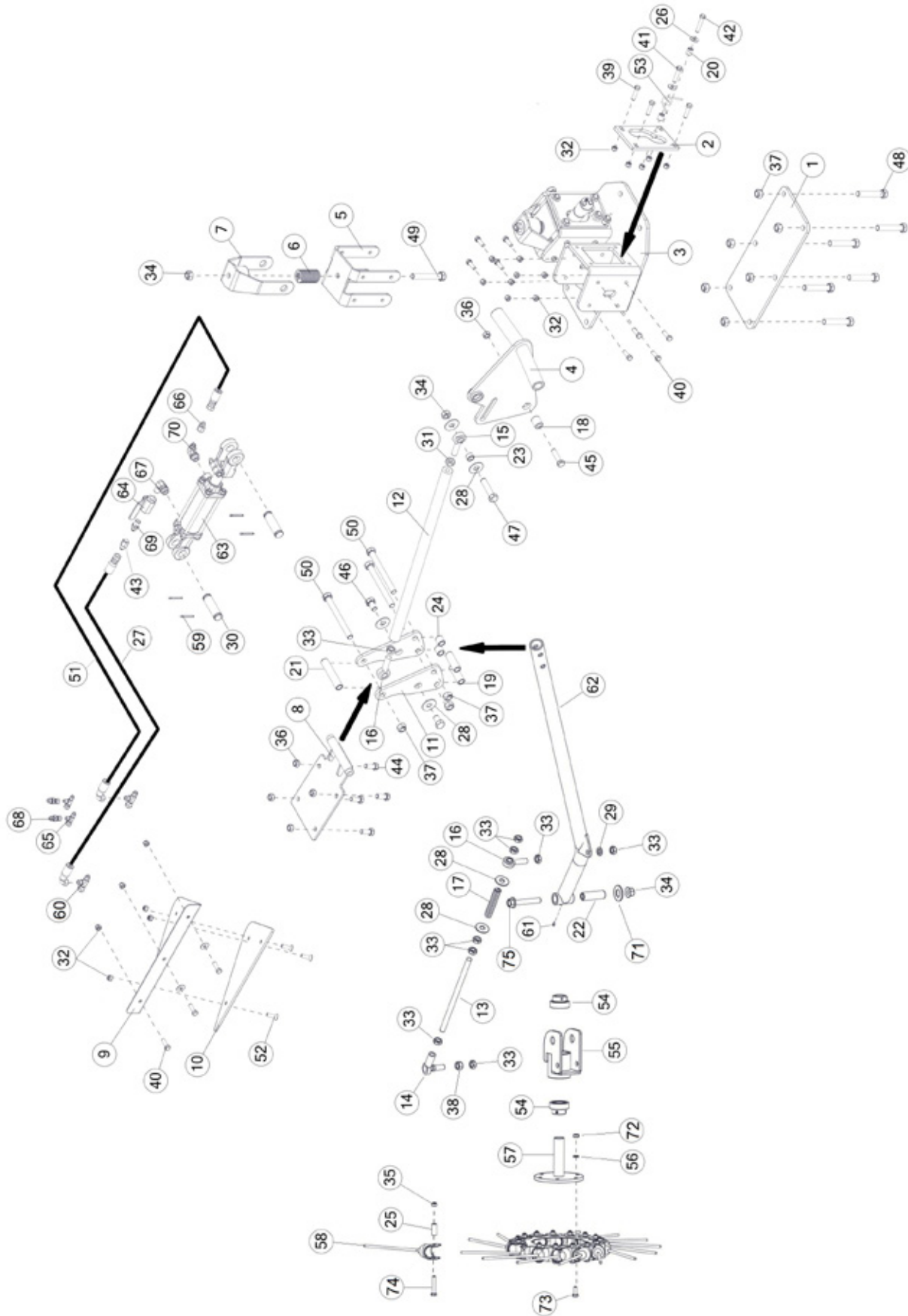


FIGURE 18

OPTIONAL KICKER WHEEL

<u>ITEM</u>	<u>QTY</u>	<u>PART#</u>	<u>DESCRIPTION</u>
1	1	71496	PLATE
2	2	71526	PLATE
3	1	71486	KICKER MAIN
4	1	71495	KICKER BELL
5	2	71500	SPRING BASE BRACKET
6	2	71574	DIE SPRING
7	2	71534	SPRING YOKE
8	1	71521	PIVOT
9	1	71185	KICKER DEFLECTOR BRACKET
10	1	71192	POLY DEFLECTOR PANEL, 1/4
11	2	71522	PLATE
12	1	71601	TUBE
13	1	71618	ALLTHREAD, 5/8 X 12.5
14	1	71599	BALL JOINT BEARING, 5/8
15	1	71593	ROD END BEARING, 5/8 LH
16	2	71594	ROD END BEARING RH
17	1	71296	SPRING
18	1	71487	BUSHING
19	2	71548	STEEL BUSHING
20	2	71568	TUBE
21	1	71577	STEEL BUSHING
22	1	93655	CYLINDER SPACER
23	1	71605	STEEL BUSHING
24	2	71536	STEEL BUSHING
25	15	70807	TUBE
26	2	YWFL12005	WASHER FLAT, 3/8
27	1	90544	HYDRAULIC HOSE, 6 X 162
28	6	YWFL20005	WASHER FLAT, 5/8
29	1	YWLO20005	WASHER LOCK, 5/8
30	1	T143	CYLINDER PIN
31	1	YNJM20011	NUT HEX, 5/8 G5
32	24	YNFG12006	NUT FLANGE, 3/8
33	8	YNJM20010	NUT HEX, JAM, 5/8
34	3	YNFG10005	NUT FLANGE, 5/16 GF
35	15	YNTL12005	NUT HEX, TOP LOCK, 3/8
36	5	YNFG16003	NUT FLANGE, 1/2 GF
37	9	YNTL20005	NUT HEX, TOP LOCK, 5/8
38	1	YNHX20008	NUT, HEX, 5/8-18, NA, A, ZC
39	6	YBFB12150	BOLT FLANGE, 3/8 X 1-1/2
40	11	YBFB12125	BOLT FLANGE, 3/8 X 1-1/4 G5
41	2	YBFB12175	BOLT FLANGE, 3/8 X 1-3/4 G5
42	2	YBFB12225	BOLT FLANGE, 3/8 X 2-1/4 G5
43	1	90534	IN-LINE CONNECTOR, ORIFICE, 4-XHX7-S .022
44	4	YBFB16150	BOLT FLANGE, 1/2 X 1-1/2 G5
45	1	YBFB16200	BOLT FLANGE, 1/2 X 2 G5
46	2	YBHH20005	BOLT HEX, 5/8 X 1 G5
47	1	YBHH20045	BOLT HEX, 5/8 X 2-3/4 G5
48	6	YBFB20350	BOLT FLANGE, 5/8 X 3-1/2 G5
49	2	YBHH20065	BOLT HEX, 5/8 X 4 G5

FIGURE 18
OPTIONAL KICKER WHEEL

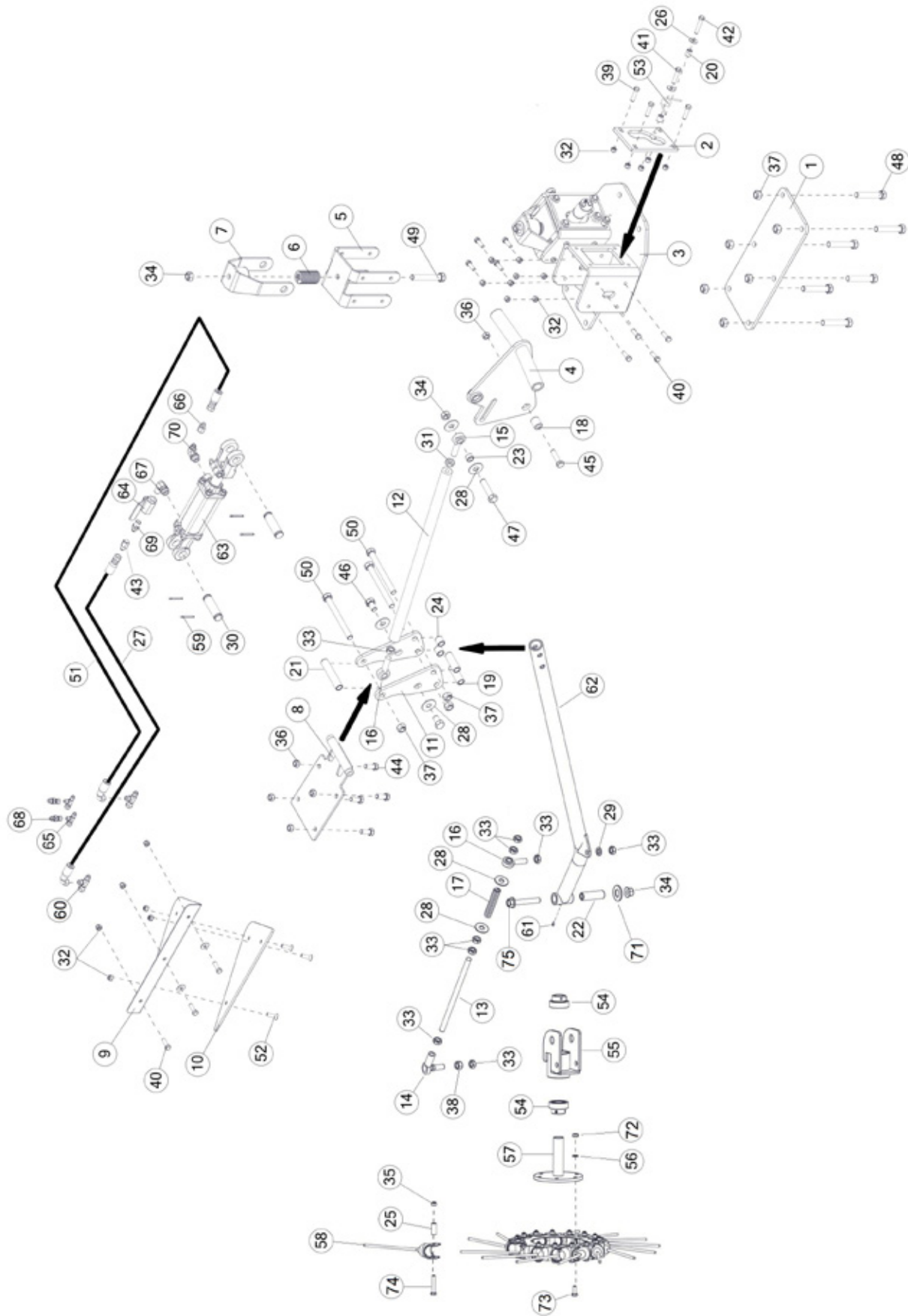


FIGURE 18

OPTIONAL KICKER WHEEL

<u>ITEM</u>	<u>QTY</u>	<u>PART#</u>	<u>DESCRIPTION</u>
50	3	YBHH20103	BOLT HEX, 5/8 X 6-1/2 G5
51	1	71780	HYDRAULIC HOSE, 6, 201IN
52	3	YSFS12005	SCREW FLAT, HEAD SOCKET CAP, 3/8 X 1-1/4
53	2	71570	TORSION SPRING
54	2	BFR525	BEARING W/LOCK COLLAR
55	1	93653	RAKE HUB PIVOT
56	6	YWLO76015	WASHER LOCK, M10
57	1	93650	RAKE WHEEL HUB
58	15	T82	RUBBER MOUNTED TOOTH
59	4	YPCT05010	COTTER PIN 5/32 X 1-1/2
60	2	CHM242	TEE SWIVEL RUN
61	1	MS26	SHORT SHANK ZERK (STRAIGHT)
62	1	71529	CENTER POLE
63	1	70797	HYD CYL, 10.2 X 14.2
*	1	72160	CYLINDER TIE ROD
*	1	72161	SEAL KIT
64	1	16SV338	BALL VALVE, 3/8
65	2	58101	FITTING 4 R6X-S
66	1	58142	FITTING, 6 XHX7-S .031 ORIFICE
67	1	70158	FITTING, 90, 3/4ORB, 3/8NPT, STL
68	2	71802	FITTING, ST, 6 MALE JIC, 4 FEMALE JIC, STL, EXPANDER
69	1	58124	FITTING STRAIGHT, 04JIC, 06NPT
70	1	CHM206	FITTING, 90, 6JIC X 8ORB
71	1	YWFL32005	WASHER, FLAT, SAE 1
72	6	YNHX76015	NUT HEX, M10-1.5
73	6	YBHH76015	BOLT HEX, M10-1.5 X 25
74	15	YBHH12100	BOLT HEX, 3/8 X 2-1/4 G5
75	1	YBFB20400	BOLT FLANGE, 5/8 X 4 G5

FIGURE 18
OPTIONAL KICKER WHEEL

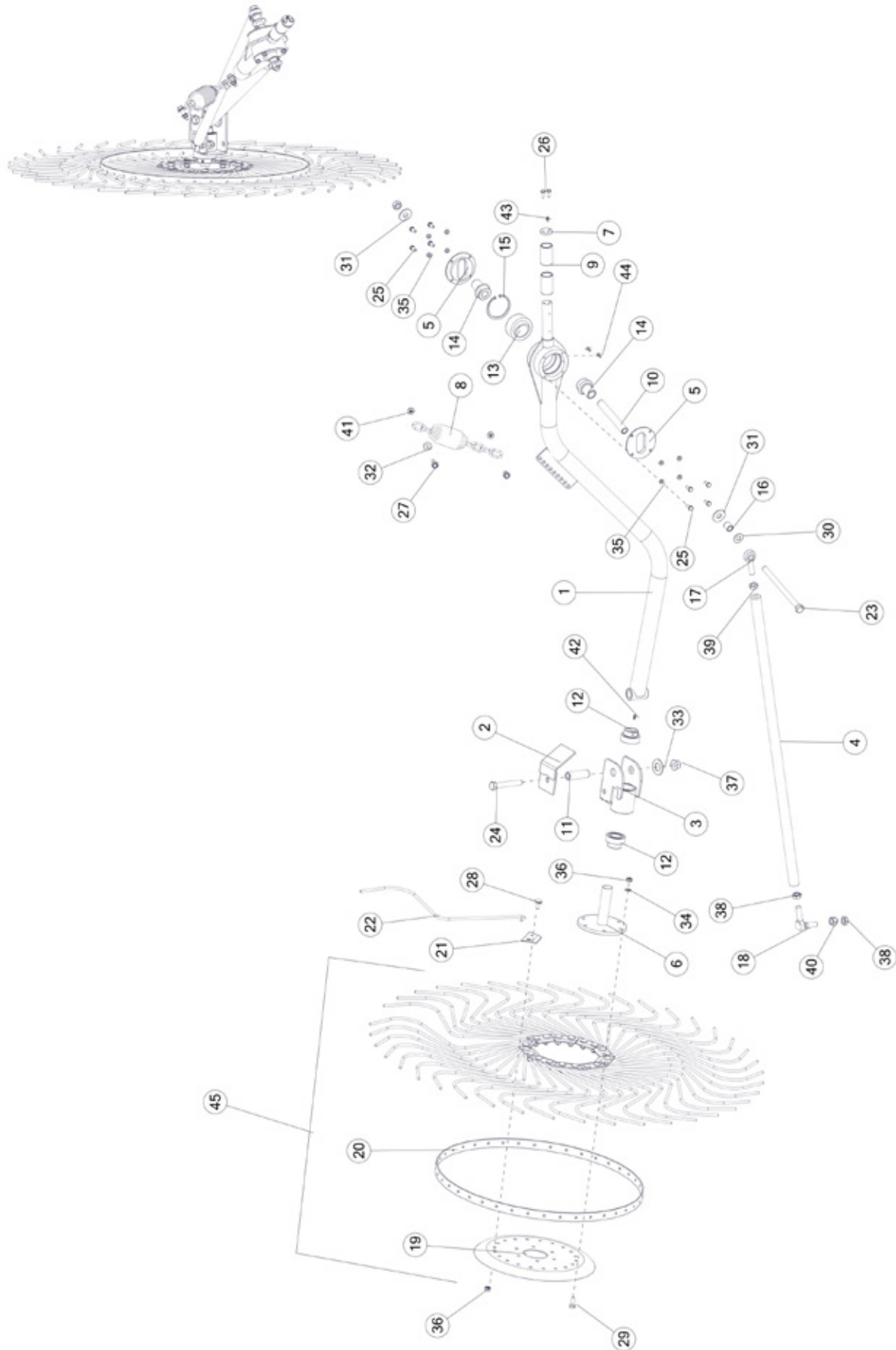


FIGURE 18

OPTIONAL KICKER WHEEL

<u>ITEM</u>	<u>QTY</u>	<u>PART#</u>	<u>DESCRIPTION</u>
1	1	71558	RIGHT POLE
*	1	71560	LEFT POLE
2	2	85319	RAMP BRACKET
3	2	93653	RAKE HUB PIVOT
4	2	71600	TIE ROD
5	4	71562	PLT 4.25 X 0.50, KICKER GUIDE
6	2	93650	RAKE WHEEL HUB
7	2	71993	PLT, 1.50 X 1.50 X 0.25, KEEPER
8	2	8771	RAKE WHEEL SPRING
9	4	71563	BSH, 1.50 X 1.25 X 2.47
10	2	71535	BSH, .875 X .635 X 6.374
11	2	93655	CYLINDER SPACER
12	4	BFR525	PEER FHR206-20 BEARING 1-1/4"
13	2	71553	BRG, 3.125 X 1.75 X 1.56
14	4	71550	BSH, 2.08 X 0.89 X 2.44, STL
15	2	71608	SNAP RING
16	2	71536	BSH, 0.88 X 0.66 X 0.88, STL
17	2	71593	BRG, 5/8 ROD END LH
18	2	71598	BRG, BALL JOINT 5/8-18 M
19	2	FR71	RAKE WHEEL CENTER 60 IN BLACK
20	2	T177A	OUTER RING FOR 48" RAKE WHEEL
21	20	FR74	RAKE TOOTH CLIP BLACK
22	80	10WR42	RAKE WHEEL TOOTH, 49", BLACK
23	2	YBHH20120	BOLT, 5/8-11 X 9" GR 5
24	2	YBHH20067	BOLT, 5/8-11 X 4-1/4 GR 5, ZINC
25	16	YBHH10105	BOLT, 5/16 X 3/4 GR 5
26	4	YBHH08102	BOLT, 1/4 X 3/4 GR 8, YELLOW ZINC
27	1	YBFB12150	BOLT FLG, 3/8 X 1-1/2 G5
28	40	YBCR76005	BOLT, CARR, M10-1.5 X 25MM, 8.8, NF
29	12	YBHH76015	BOLT, HEX, M10-1.5 X 25, 10.9, ZC
30	2	YWFL20010	WASHER, FLAT, 5/8" SAE GR 8 YELLOW ZINC
31	4	YWFL20005	WASHER, FLAT, 5/8 USS
32	2	YWFL12005	WASHER, FLAT, 3/8 USS
33	2	YWFL32005	WASHER, FLAT, SAE 1.00, ZINC
34	12	YWLO76015	WASHER, LOCK, M10
35	16	YWLO10005	WASHER, LOCK, 5/16
36	32	YNHX76015	NUT, HEX, M10-1.5, NA, CL10, ZC
37	2	YNFG20005	NUT, FLG, 5/8-11, LKTL, F, ZC
38	4	YNJM20010	NUT JAM, 5/8 A
39	2	YNJM20011	NUT JAM, 5/8 G5 LH
40	2	YNHX20008	NUT, HEX, 5/8-18, NA, A, ZC
41	8	YNFG12006	NUT FLG, 3/8 GF
42	2	MS26	1/4"-28 STRAIGHT ZERK
43	2	G89	1/4"-28 STRAIGHT ZERK
44	4	RG51	ZERK, 90 DEGREE 1/4"-28
45	2	10WR17	LH RAKE WHEEL, 49" DIAMETER, BLACK

FIGURE 19
OPTIONAL LIGHTS

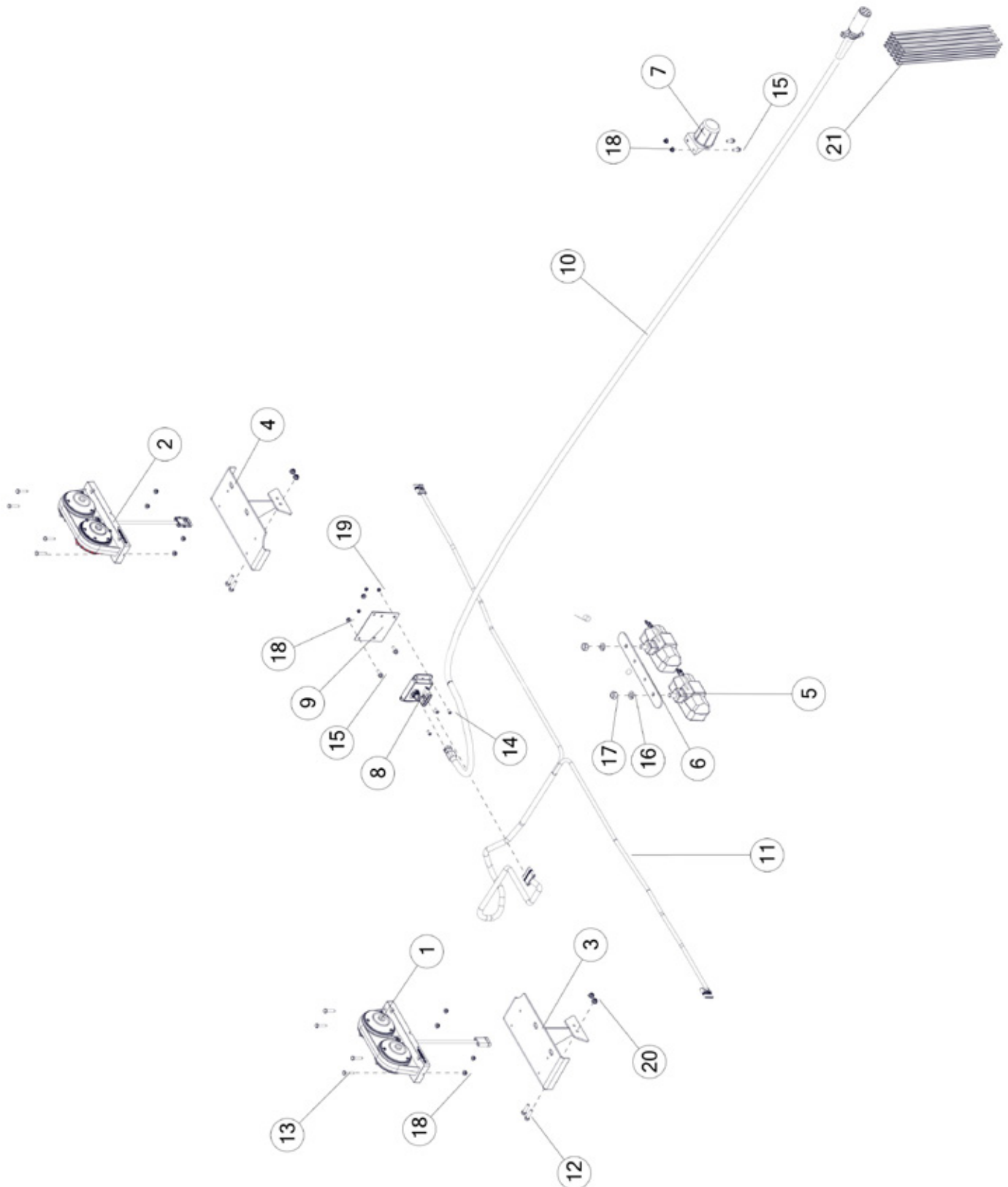


FIGURE 19

OPTIONAL LIGHTS

<u>ITEM</u>	<u>QTY</u>	<u>PART#</u>	<u>DESCRIPTION</u>
1	1	77924	TAIL LIGHT, RH
2	1	77923	TAIL LIGHT, LH
3	1	88291	LIGHT MOUNT, RH
4	1	88292	LIGHT MOUNT, LH
5	2	DWM130	FLOODLIGHT - WORKING LIGHT
6	1	91519	WORK LIGHT BRACKET
7	1	CHM38	PLUG STORAGE
8	1	69908	CONTROL BLINKER MODULE
9	1	91528	MODULE BRACKET
10	1	91496	HARNESS, MAIN
11	1	77847	LIGHT HARNESS, BACK
12	4	YBHH10045	BOLT HEX, 5/16 X 1-1/4 G5
13	8	YBHH08030	BOLT HEX, 1/4 X 1-1/4 G2
14	3	YSPP64005	SCREW PAN HEAD, #10-32 X 1/2
15	4	YBFB08075	BOLT FLANGE, 1/4 X 3/4 G5
16	2	YWLO16005	WASHER LOCK , 1/2
17	2	YNHX16005	NUT HEX, 1/2 G2
18	12	YNFG08010	NUT FLANGE, 1/4 GF
19	3	YNNY62005	NUT HEX, NYLON INSERT LOCKNUT, 8
20	4	YNFG10005	NUT FLANGE, 5/16 GF
21	25	CIZT105	ZIPTIE, 15

PARTS NOTES

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

CHANGE NOTES

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