

# Illustrated Parts List

# Model 6812 Sugar Beet Harvester



Art's Way Manufacturing

612505

Issued December 2025



This symbol means ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED. The message that follows the symbol contains important information about your safety. Carefully read the message. Make sure you fully understand the causes of possible injury or death.

IF THIS MACHINE IS USED BY AN EMPLOYEE, IS LOANED, OR IS RENTED, MAKE SURE THAT THE OPERATOR UNDERSTANDS THE TWO INSTRUCTIONS BELOW.

**BEFORE THE OPERATOR STARTS THE ENGINE:**

GIVE INSTRUCTIONS TO THE OPERATOR ON SAFE AND CORRECT USE OF THE MACHINE.

MAKE SURE THE OPERATOR READS AND UNDERSTANDS THE OPERATOR'S MANUAL FOR THIS MACHINE.

 **WARNING**

IMPROPER OPERATION OF THIS MACHINE CAN CAUSE INJURY OR DEATH.

**BEFORE STARTING THE ENGINE, DO THE FOLLOWING:**

1. READ THE OPERATOR'S MANUAL.
2. READ ALL SAFETY DECALS ON THE MACHINE.
3. CLEAR THE AREA OF OTHER PERSONS.
4. LEARN AND PRACTICE SAFE USE OF MACHINE CONTROLS IN A SAFE AND CLEAR AREA BEFORE YOU OPERATE THIS MACHINE ON A JOB SITE.

It is your responsibility to observe pertinent laws and regulations and to follow manufacturer's instructions on machine operation and maintenance.

See your Authorized Art's Way Manufacturing dealer or Art's Way Manufacturing for additional operator's manuals, illustrated parts catalogs, and service manuals.

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## **TO THE OWNER**

Congratulations on the purchase of your new Art's Way Sugar Beet Harvester. You have selected a top quality machine that is designed and built with pride to ensure you have many years of efficient and reliable service.

Many people have worked on the design, production, and delivery of this Sugar Beet Harvester. The information in this manual is based on the knowledge, study, and experience through years of specializing in the manufacturing of farm machinery. This manual is designed to provide you with important information regarding safety, maintenance, and machine operation so you can and will get the best possible performance from your Sugar Beet Harvester.

Even if you are an experienced operator of this or similar equipment, we ask that you read this manual before operating this Sugar Beet Harvester. The way you operate, adjust, and maintain this unit will have much to do with its successful performance. Any further questions you may have about this product of Art's Way equipment should be directed to your local Art's Way dealer or to Art's Way Manufacturing Armstrong, Iowa, 50514, (712) 208-8467.

### **SPECIFICATIONS AND DESIGN ARE SUBJECT TO CHANGE WITHOUT NOTICE**

Art's Way Manufacturing is continually making product improvements. In doing so, we reserve the right to make changes and/or add improvements to our products without obligation for the equipment previously sold.

Modifications to this Sugar Beet Harvester may affect the performance, function, and safety of its operation. Therefore, no modifications are to be made without the written permission of Art's Way Manufacturing. Any modification made without the written permission of Art's Way Manufacturing shall void the warranty of this product.

In the interest of continued safe operation of this Sugar Beet Harvester, pay particular attention to the safety alert symbol(s) throughout this manual.

### **Art's Way Manufacturing STATEMENT OF PRODUCT LIABILITY**

Art's Way Manufacturing recognizes its responsibility to provide customers with a safe and efficient product. Art's Way Manufacturing, attempts to design and manufacture its products in accordance with all accepted engineering practices effective at the date of design. This statement should not be interpreted to mean that our products will protect against the user's own carelessness or failure to follow common safety practices nor will Art's Way Manufacturing, be liable for any such act. In addition, Art's Way Manufacturing, assumes no liability for any altered product or any modified product by users or anyone other than an authorized dealer.

### **LIMITATIONS OF THIS MANUAL**

This manual contains operating instructions for your 6812 Sugar Beet Harvester only. Any mention of other machinery in this manual other than the 6812 Sugar Beet Harvester is for reference only. This manual does not replace nor is it to be used for any machinery that may be attached to or used in conjunction with the 6812 Sugar Beet Harvester.

**PARTS & SERVICE**

As the purchaser of your new harvester, it is very important to consider the following factors:

**A. Original Quality**

**B. Availability of Service Parts**

**C. Availability of Adequate Service Facilities**

Art's Way Manufacturing has an excellent dealership network ready to answer any questions you may have about your harvester. Parts for your machine may be ordered through our dealers. When placing a parts order, please have the **model** and **serial number** ready. This will allow the dealer to fill your order as quickly as possible.

For your convenience, we have provided this space for you to record your model number, serial number, and the date of purchase, as well as your dealer's name and address.

**VAI**

**ART'S WAY**

**SERIAL NUMBER**

**MODEL**

Barcode area

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### Warranty

For warranty information refer to the OPM (Operator's Manual) included alongside this document.

## SAFETY FIRST

### SAFETY INSTRUCTIONS

“A careful operator is the best insurance against an accident.” Quote from the National Safety Council.

Most accidents can be prevented if the operator:

1. Fully understands how the machine functions.
2. Can anticipate situations which may produce problems.
3. Can make necessary corrections before problems develop.

**THIS SYMBOL MEANS ATTENTION!  
BECOME ALERT!  
YOUR SAFETY IS INVOLVED!**



- Universal Safety Alert Symbol

The American Society of Agricultural Engineers has adopted the Universal Safety Alert Symbol as a way to identify areas of potential danger if the equipment is not operated correctly. Please be alert whenever you see this symbol in the manuals or on your harvester.

Art's Way Manufacturing strives to make our equipment as safe as possible. The Art's Way 6812 Sugar Beet Harvester conforms to applicable safety standards at the time of manufacturing. A safety conscious equipment operator makes an effective accident-prevention program complete.

Safety features and instructions for the harvester are detailed in the Safety Guidelines section of this Operator's Manual. It is the responsibility of the owner to ensure that all operators read and understand the manual before they are allowed to operate the beet harvester. (Occupational Safety and Health Administration (OSHA) regulations 1928.57).

### NOTICES OF DANGER, WARNING, AND CAUTION

Signal Words: Note the use of signal words **DANGER**, **WARNING**, and **CAUTION** on the harvester and in this manual. The appropriate signal word for each has been selected using the following guidelines:

### ⚠ **DANGER**

Indicates a hazardous situation which, if not avoided, will result in death or serious injury.

### ⚠ **WARNING**

Indicates a hazardous situation which, if not avoided, could result in death or serious injury.

### ⚠ **CAUTION**

Indicates a potentially hazardous situation which, if not avoided, could result in minor or moderate injury.

### **NOTICE**

NOTICE is used to address practices not related to physical injury.

### SAFETY INSTRUCTIONS

Safety instructions (or equivalent) signs indicate specific safety-related instructions or procedures.

**Note:** Contains additional information important to a procedure and will be found within the regular text body of this manual.

## GENERAL

## SAFETY INSTRUCTIONS

Most work related accidents are caused by failure to observe basic safety rules or precautions. An accident can often be avoided by recognizing potentially hazardous situations before an accident occurs. As you operate and maintain the beet harvester you must be alert to potential hazards. You should also have the necessary training, skills, and tools to perform any assembly procedure.

**Improper operation and/or maintenance of this unit could cause a dangerous situation that results in injury or death.**

**Do not use this unit until you read and understand the information contained in this manual. Do not use this equipment for anything other than its intended purpose.**



Safety precautions and warnings are provided in this manual and on the unit. If these hazard warnings are not heeded, bodily injury or death could occur to you or to other persons.

**Art's Way Manufacturing cannot anticipate every possible circumstance that might involve a potential hazard. The warnings in this manual and on the product are, therefore, not all-inclusive. If a method of operation not specifically recommended by us is used, you must satisfy yourself that it is safe for you and for others. You should also ensure that the unit will not be damaged or be made unsafe by the methods that you choose.**

The information, specifications, and illustrations in this manual are based on the information that was available at the time this material was written and can change at any time.

### Safety Alert Symbols



death.

This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or

This manual contains DANGERS, WARNINGS, CAUTIONS, NOTICES, SAFETY INSTRUCTIONS, and NOTES which must be followed to prevent the possibility of improper service, damage to the equipment, personal injury, or death. The following key words call the readers attention to potential hazards.

Hazards are identified by the "Safety Alert Symbol" and followed by a signal word such as "DANGER", "WARNING", or "CAUTION".

**SAFETY  
INSTRUCTIONS**

**Remember:  
"The Best Operator is a Safe Operator"**

**CAUTION**



**Read and understand the operator's manual and all the safety decals before operating the harvester. Review all safety instructions with all operators annually.**

## BEFORE OPERATING

SAFETY  
INSTRUCTIONS

Do not wear loose fitting clothing as it may catch in moving parts.



Make sure all guards and shields are installed, including the tractor power take-off (PTO) master shield, before starting or operating the harvester.



Be sure that the correct implement driveline parts are used and that they are properly secured.

Lower the lifter wheels when the harvester is not in use.

Install safety chain when attaching the harvester to the tractor.



Clear the area of bystanders, especially children, when making repairs, adjustments, or performing maintenance on the harvester.



Do not allow riders.

Put all tractor and machine controls in “neutral” and disengage the PTO before starting. Follow the starting instructions according to the OEM tractor manual.



Operate the harvester only while seated on the tractor seat.



Make sure the unit is adequately supported with safety blocks or safety stands when changing tires or performing maintenance.

## DURING OPERATION

## CAUTION



**Entanglement Hazard**  
Keep hands, feet, hair, and clothing away from moving parts. Wait for all movement to stop before approaching equipment.

Before making adjustments:

1. Shut off the tractor,
2. Set parking brake,
3. Put machine in neutral, and
4. Remove key while making adjustments.



Keep all shields and guards in place and in good working condition.



Keep all bystanders, especially children, away from the harvester while in operation.



Do not allow riders while the harvester is in operation.



Do not attempt to unclog, clean, or adjust the harvester while it is running.



Stay away from overhead power lines. Electrocutation can occur even without direct contact.



Keep all hydraulic lines, fittings, and couplers tight and free of leaks. (Refer to Safety Guidelines – Hydraulic Safety).



Use caution when ascending or descending on the harvester. Wet shoes or boots are slippery.

## MAINTENANCE SAFETY

SAFETY  
INSTRUCTIONS

Follow all operating, maintenance, and safety instructions found in this Manual.



Before servicing, adjusting, repairing, or unclogging the machine, always make sure the tractor engine is stopped, key in your pocket, the machine is lowered to the ground, all controls are placed in neutral, the parking brake is set, and all the moving parts have stopped.



Use sufficient tools, jacks, and hoists that have the capacity for the job.



Use support blocks or safety stands when changing tires or performing maintenance.



Follow good shop practices of keeping the service area clean and dry, and use adequate light for the job at hand.



Before applying pressure to the hydraulic system, make sure all lines, fittings, and couplers are tightly secured and in good condition.



Make sure all shields/guards are in place and properly secured when performing maintenance.

## HYDRAULIC SAFETY

### SAFETY INSTRUCTIONS

**Follow all operating, maintenance, and safety instructions found in this Manual.**

Make sure components in the hydraulic system are kept clean and in good working condition.



Relieve pressure from the hydraulic system before servicing or disconnecting from the tractor.



Keep all hydraulic lines, fittings, and couplers tightly secured and free of leaks.



Replace any worn, cut, abraded, flattened, or crimped hoses.



Do not make any temporary repairs to the hydraulic lines, fittings, or hoses using tape, clamps, or cement. The hydraulic system operates under extremely high pressure and temporary repairs may fail suddenly and create a hazardous/dangerous situation.



Wear proper hand and eye protection when searching for a high-pressure hydraulic leak. Use a piece of wood or cardboard as a backstop instead of hands to identify and isolate a leak. If injured by a concentrated high-pressure stream of hydraulic fluid, seek medical attention immediately. Serious infection or toxic reaction can develop if hydraulic fluid penetrates the surface of the skin.



Before applying pressure to the system, make sure all components are tight and that the hydraulic lines, hoses, and couplings are not damaged.

## TRANSPORTATION SAFETY

### SAFETY INSTRUCTIONS

**Follow all operating and safety instructions found in this manual when transporting this equipment.**

Make sure the harvester complies with all local regulations regarding transporting equipment on public roads and highways.



Make sure the Slow Moving Vehicle (SMV) emblem and all lights and reflectors required by local highway and transportation authorities are properly in place, clean, and clearly visible to traffic.



Do not allow riders on any machinery during transport.

Make sure the harvester is securely attached to the tractor and install a safety chain to the harvester.

Make sure the tractor brake pedals are latched together.

Do not exceed 20 mph (32 km/h) when transporting the harvester. Always reduce speed on rough roads and surfaces, or when going down inclines.

Use caution when turning and always use the turn signals on the tractor to indicate your turning intentions to the other traffic.

The weight of the trailed machine should NEVER exceed the weight of the towing vehicle.

Check all clearances carefully whenever the machine is towed.

Set all features to transport position before transporting the harvester on the roadway.



Stay away from overhead obstructions and power lines during transport. Electrocutation can occur even without direct contact.

## STORAGE SAFETY

### SAFETY INSTRUCTIONS

**Follow all operating and safety instructions found in this manual when storing this equipment.**



Store the harvester in an area away from human activity.



Do not permit children to play on or around the stored machine at any time.

Make sure that the harvester is stored in an area with a firm and level base to prevent the machine from tipping or sinking into the ground.



Block the wheels to prevent the machine from rolling.

**TIRE SAFETY****SAFETY  
INSTRUCTIONS**

Follow all operating and safety instructions found in this manual when working around tires.

Have only a qualified tire dealer or tire repair service perform tire repairs.

Do not attempt to install a tire on a wheel or rim unless you have the proper equipment and experience to do the job.

Do not substitute tires with a lesser road rating and/or capacity for the original equipment tires.

**WARNING**

**Explosive Force Hazard**  
Tire replacement, repair, and/or maintenance should be done by a qualified tire dealer or qualified repair service.

Failure to follow proper procedures when installing a tire on a wheel or rim can produce an explosive force that will result in serious injury or death.

Do not attempt to install a tire without proper equipment and experience to perform the job.

**ASSEMBLY SAFETY****SAFETY  
INSTRUCTIONS**

Follow all assembly, operating, and safety instructions found in this manual when assembly this equipment.



Use adequate manpower to perform assembly procedures safely.

Assemble the harvester in an area with sufficient space to maneuver the largest components and allow easy access to all sides of the machine.



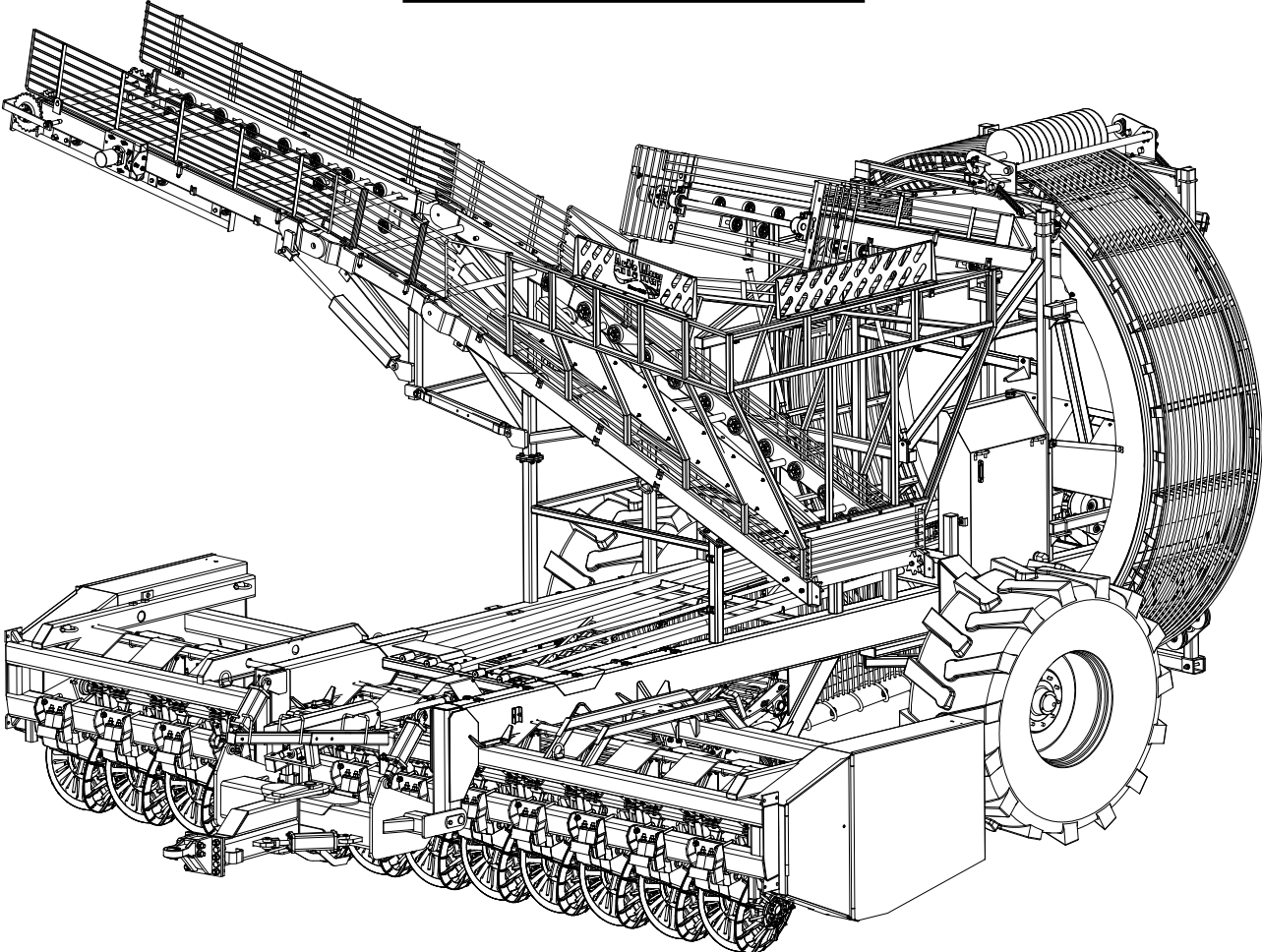
Use only forklifts, lift cranes, jacks, and tools with sufficient capacity for the loads.



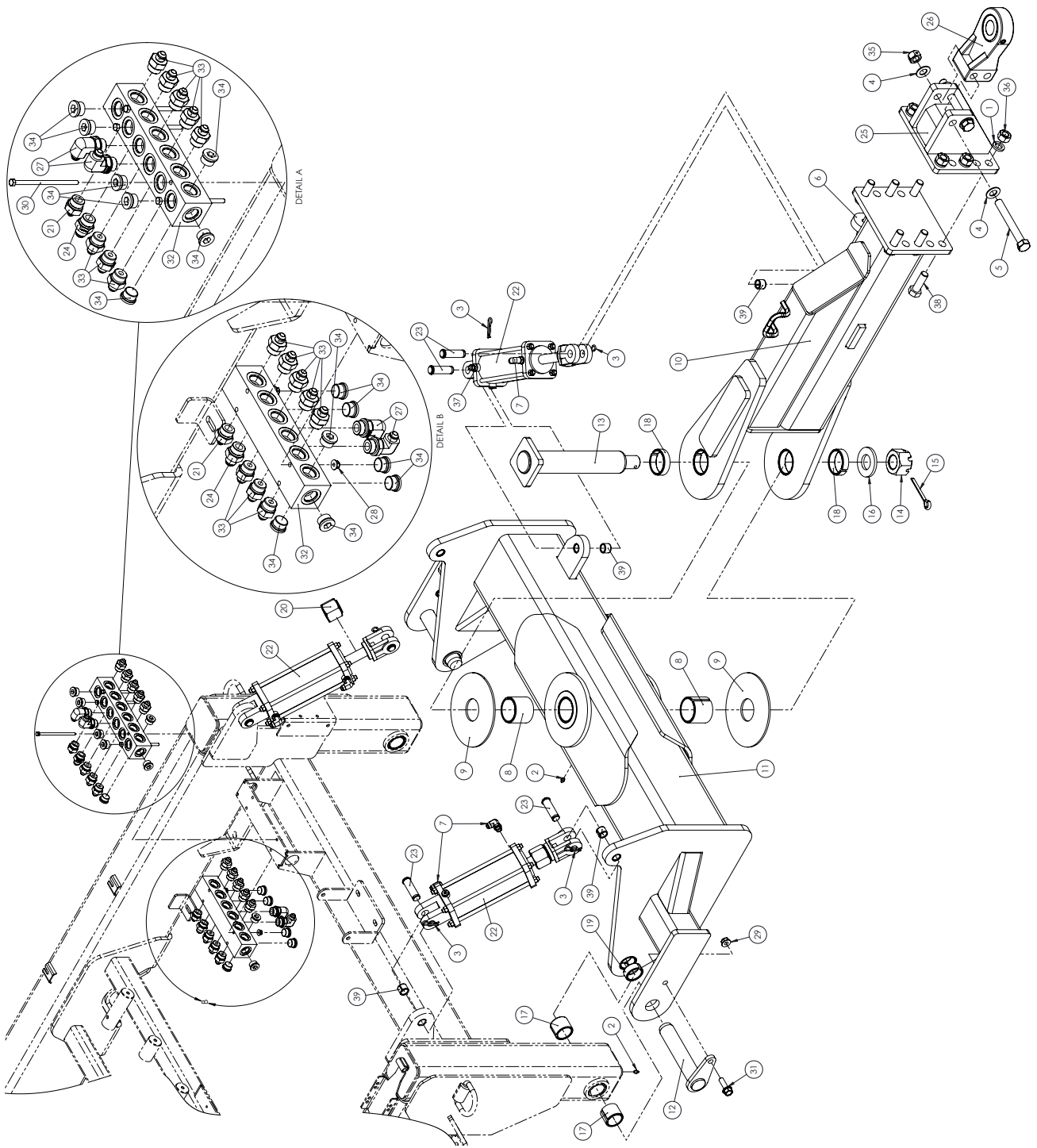
Do not allow spectators, especially children, in the working area.

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**SECTION 1: HARVESTER**



HITCH ASSEMBLY

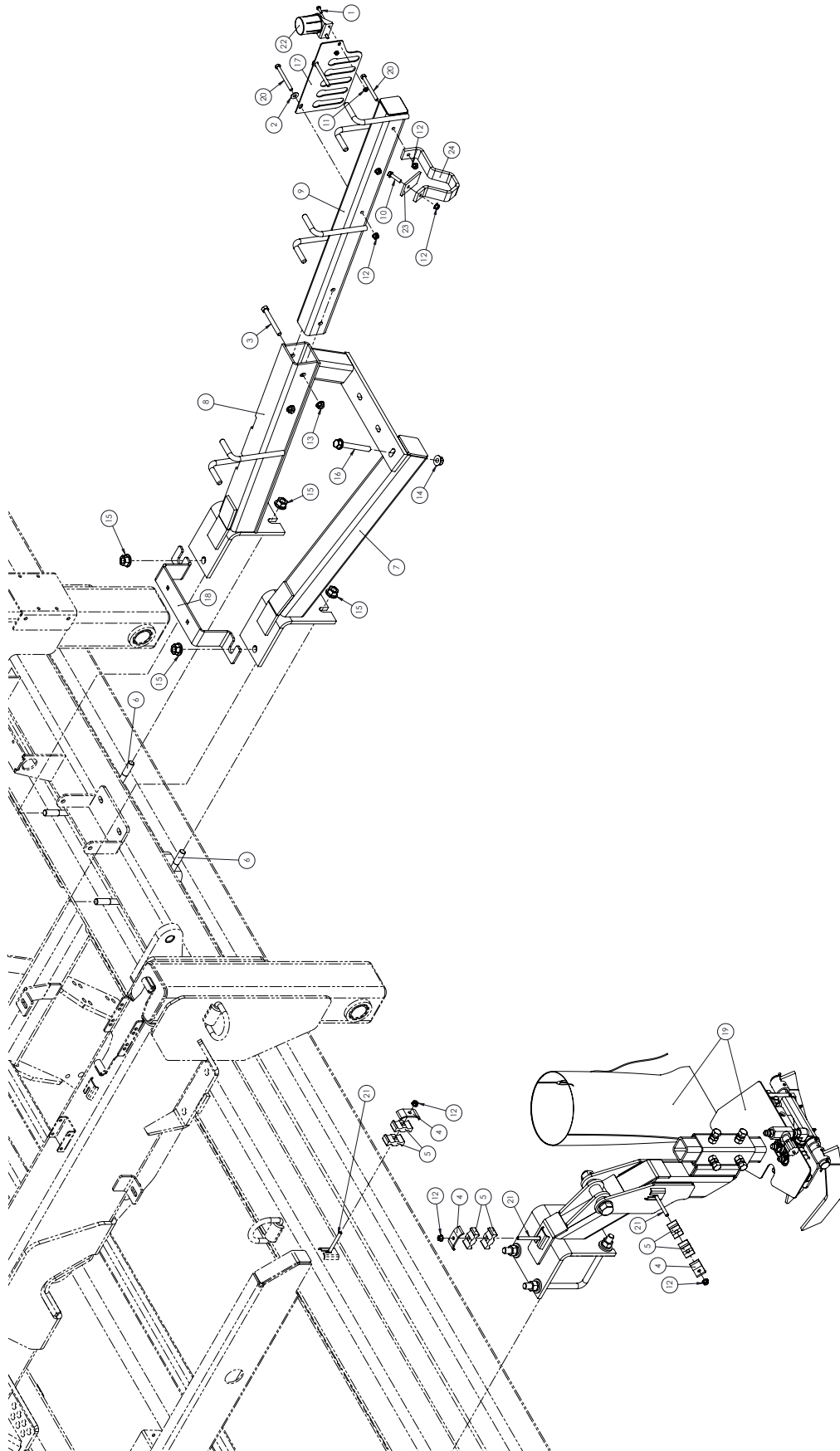


ITEM NO.	PARTNUMBER	DESCRIPTION	QTY.
1	003350	WASHER, LOCK 1"	6
2	013170	FITTING, GREASE STRAIGHT	3
3	051670	HAIRPIN, .148 X 2-11/16	6
4	1107389	WASHER, FLAT 1 SAE	4
5	252020	BOLT, HHCS 1-8 X 8"	2
6	472910	CHAIN, SAFETY 5/8"	1
7	530210	FITTING, HYD 90°	5
8	537350	BUSHING, TENSION	2
9	537390	WASHER, THRUST	2
10	537420	TONGUE WELDMENT	1
11	537430	CROSSMEMBER WELDMENT	1
12	537480	PIN WELDMENT	2
13	537530	PIN WELDMENT	1
14	537540	NUT, CASTLE 2"	1
15	537550	PIN, COTTER	1
16	537580	SPACER, RD	1
17	537610	BUSHING, TENSION	4
18	538310	BUSHING, TENSION	2
19	538720	BUSHING, TENSION	2
20	538870	NUT, STOP	2
21	553395	FITTING, HYD STRAIGHT	2
22	561940	CYLINDER, HYD 4 X 8	3
23	561941	PIN, CLEVIS	6
24	575840	FITTING, HYD STRAIGHT	2
25	576400	WELDMENT, PINTLE HITCH	1
26	576420	HITCH, BULL PULL	1
27	585160	FITTING, HYD 90°	4
28	600110	NUT, HFH NYLOC 5/16-18	4
29	600150	NUT, HFH NYLOC 5/8-11	2
30	600480	BOLT, HHCS 5/16-18 X 6"	4
31	600540	BOLT, HFH 5/8-11 X 2"	2
32	601270	BLOCK, MANIFOLD	2
33	605840	FITTING, HYD STRAIGHT	16
34	605850	FITTING, HYD PLUG	14
35	990510	NUT, LOCK 2-WAY 1-8	2
36	J14H805	NUT, HEX 1-8	6
37	MP09.74155	FITTING, HYD STRAIGHT	1
38	R66338	BOLT, HHCS 1-8 X 3"	6
39	V180220	BUSHING, STEEL	6



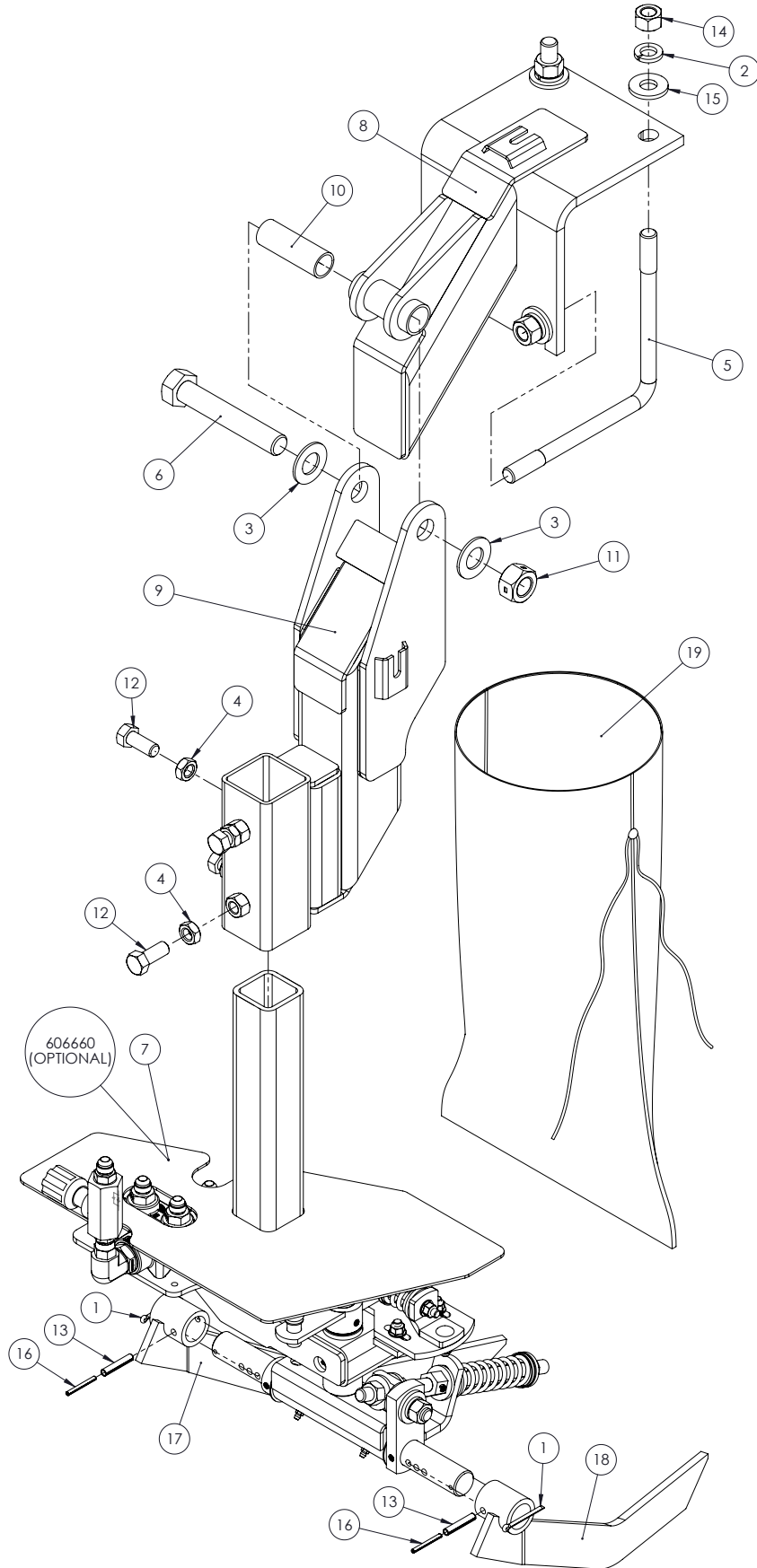
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	575390	YOKE, 1-3/ 4-20 SPL. AS	1
2	575400	DOUBLE YOKE	1
3	388970	GREASE ZERK. (IN ITEM #2)	1
4	498810	INBOARD YOKE , S4	1
5	575420	CROSS & BEARING KIT	1
6	196740	SPRING PIN, 10 x 90	1
7	287470	INNER PROFILE, S4GA	1
8	287480	PROFILE 8x SLEEVE W.A.	1
9	196770	INBOARD YOKE , SS	1
10	345910	YOKE, 1-3/ 4 RB 3 / 8 KYWY	1
11	182230	CROSS & BEARING KIT	1
12	182900	BEARING RING SC25	1
13	287490	OUT SHIELD, TUB OVL.	1
14	287500	INN. SHIELD TUBE, ROUND	1
15	345950	CV CONE & BEARING ASSY	1
16	345960	SHIELD CONE 4 RIB	1
17	340140	SHIELD CONE, 7 RIB	1
18	345980	SCREW - IN ITEMS #15, 16, 17	1
19	340190	SUPPORT BEARING	1
20	182890	SAFETY CHAIN	1
21	268860	DECAL, OUT, (IN ITEM #13)	1
22	340180	DECAL, INN. (IN ITEM #8)	1
23	196890	ZERK, (IN ITEM #8 )	1
24	354190	SAFETY CHAIN- L= (23.62")	1
25	349250	REINFORCED COLLAR	1
26	-	EC CERTIFICATE	1
27	-	CE MARK DECAL	1
28	-	EUROPEAN DECAL	1
29	359090	LUBRIC ATION DECAL	1
30	575410	CROSS & BEARING KIT	1
31	340200	AS COL. KIT (IN ITEM #1)	1

ROWFINDER & SUPPORTS TO FRAME ASSEMBLY



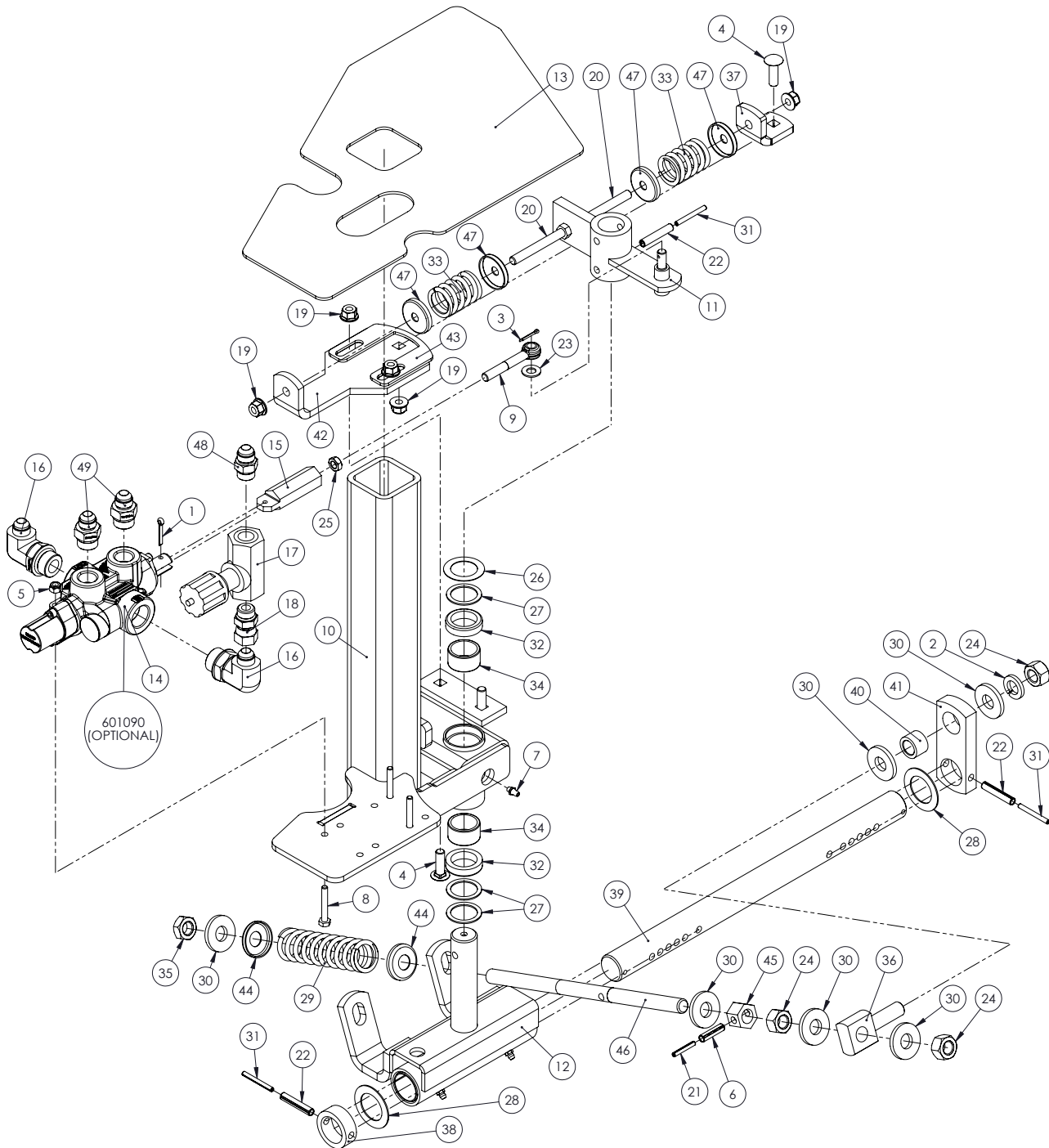
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	012051	BOLT, HHCS 1/4-20 X 3/4	2
2	021190	WASHER, FLAT 3/8 STD	2
3	340300	BOLT, HHCS 1/2-13 X 4-1/4"	2
4	527680	BAR, HOSE CLAMP	3
5	527700	CLAMP, HOSE	6
6	538600	BOLT, L 3/4-10	2
7	552560	BRACE WLDT,	1
8	563550	JS & HOSE SUPPORT	1
9	563560	JS & HOSE WELDMENT	1
10	600040	BOLT, HFH 3/8-16 X 1-1/2	1
11	600100	NUT, HFH NYLOC 1/4-20	2
12	600120	NUT, HFH NYLOC 3/8-16	7
13	600140	NUT, HFH NYLOC 1/2-13	2
14	600150	NUT, HFH NYLOC 5/8-11	1
15	600160	NUT, HFH TOPLOCK 3/4-10	4
16	600410	BOLT, HFH 5/8-11 X 5"	1
17	602100	HOLDER, HYD HOSE	1
18	617370	MOUNT, HOSE CLAMPS	1
19	621780	ROW FINDER KIT ASSY	1
20	991150	BOLT, HHCS 3/8-16 x 4	3
21	991190	BOLT, CRG 3/8-16 X 3-1/2	3
22	JPT1296	BRACKET, STORAGE HOLDER 7 POLE	1
23	MP16.10225	FLAP, HANGER	1
24	MP16.21023	HANGER, PTO	1

ROWFINDER KIT ASSEMBLY



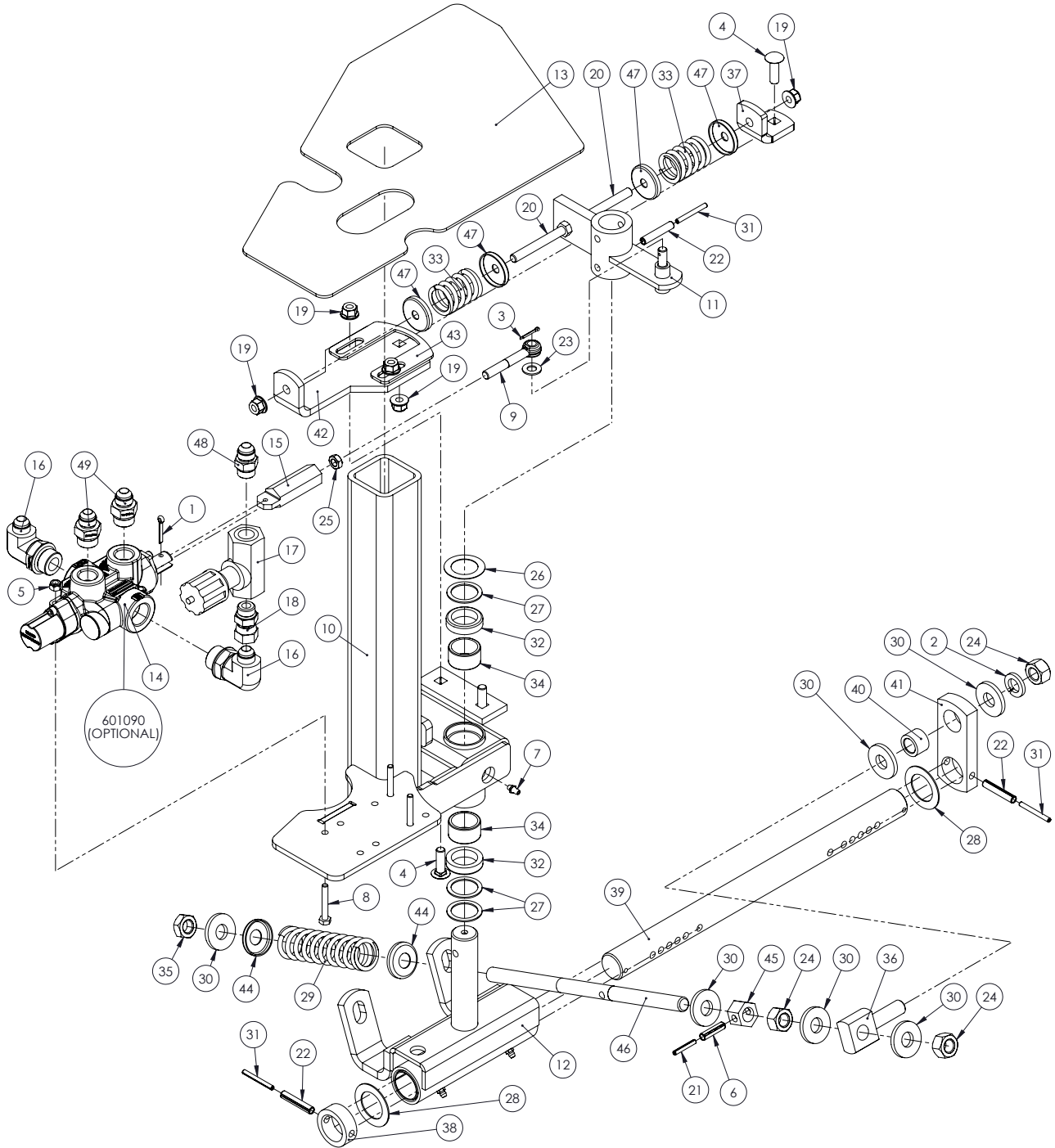
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	003950	PIN, COTTER 3/16 X 2	2
2	036800	WASHER, LOCK 3/4 SAE	4
3	1107389	WASHER, FLAT 1 SAE	2
4	1121555	NUT, JAM 5/8-11	4
5	538600	BOLT, L 3/4-10	2
6	600490	BOLT, HHCS 1-8 X 6"	1
7	606640	ROWFINDER LOWER UNIT	1
8	621745	MOUNT WLDT, ROW	1
9	621748	MOUNT WLDT, PIVOT	1
10	621766	BUSHING, TUBE	1
11	990510	NUT, LOCK 2-WAY 1-8	1
12	990610	BOLT, HHCS 5/8-11 X 1-1/2"	4
13	E580053	PIN, ROLL 5/16 X 1-3/4	2
14	J14H794	NUT, HEX 3/4-10 GR5 ZN	4
15	J24H1401	WASHER, FLAT	4
16	J34H288	PIN, ROLL 3/16 X 1-3/4	2
17	JAN142148	ARM ASSY ROW FINDER, RH	1
18	JAN142149	ARM ASSY ROW FINDER, LH	1
19	MP09.00025	BAG, POLY 14" X 24"	1

ROWFINDER ASSEMBLY



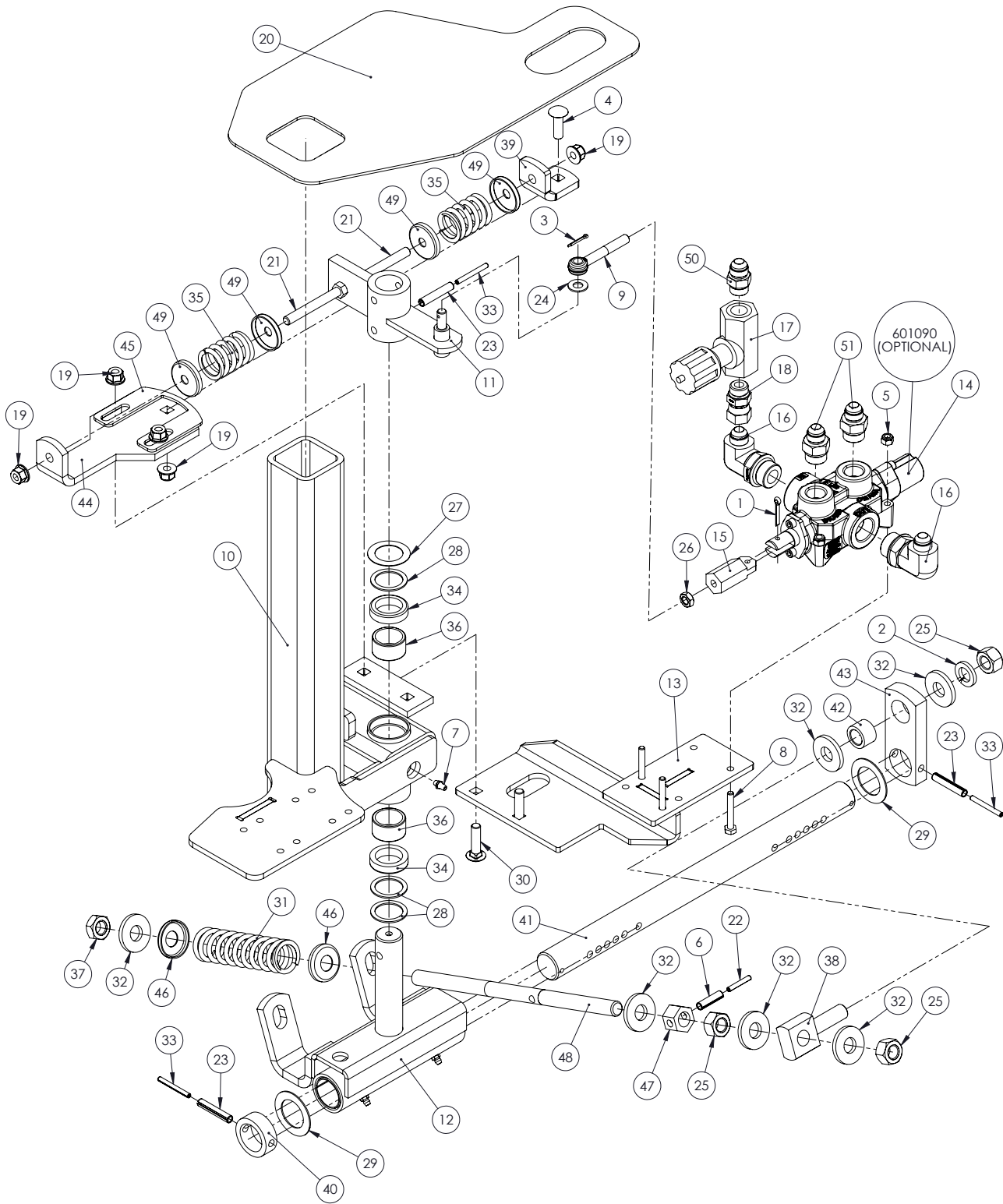
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	003450	COTTER PIN, 3/16 X 1-1/4	1
2	020440	WASHER, LOCK 5/8	1
3	023090	PIN, COTTER 3/32 X .75	1
4	035180	BOLT, CRG 3/8-16 X 1-1/4"	3
5	037550	NUT, NYLOC 1/4-20	3
6	1030808	PIN, 5/16 X 1-1/4	1
7	115590	FITTING, GREASE	1
8	223540	BOLT, HHCS 1/4-20	3
9	413450	BOLT, EYE 3/8" X 2-13/16"	1
10	520600	BRACKET, WELDMENT	1
11	521740	ARM, WELDMENT	1
12	521955	SHAFT ASSY, SPRING	1
13	533080	COVER, ROWFINDER	1
14	583650	ROWFINDER VALVE, CLOSED CTR.	1
15	583660	CLEVIS, HEX VALVE	1
16	585160	FITTING, HYD 90°	2
17	591930	VALVE, FLOW CONTROL	1
18	592520	FITTING, HYD STRAIGHT	1
19	600120	NUT, HFH NYLOC 3/8-16	5
20	990820	BOLT, HHCS 3/8-16 X 3	2
21	991100	PIN, ROLL 3/16 X 1-1/4	1
22	E580053	PIN, ROLL 5/16 X 1-3/4	3
23	I120394	WASHER, FLAT 3/8 SAE	1
24	I124589	NUT, HEX 5/8-11	3

ROWFINDER ASSEMBLY (CONTINUED)



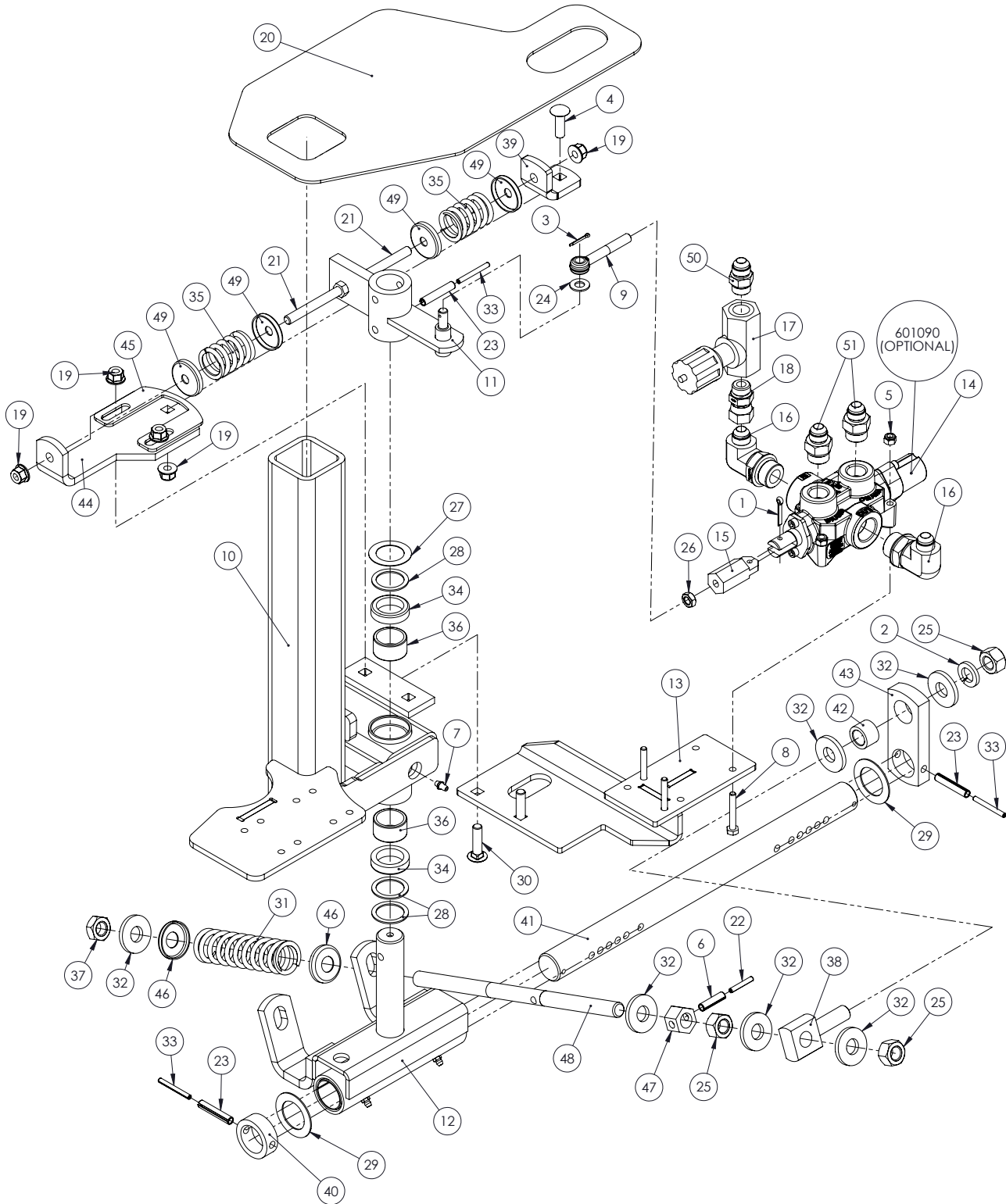
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
25	I124829	NUT,JAM 3/8-16	1
26	I22266R1	WASHER, FLAT 1.15 X 1.75 X .027	1
27	I23041R1	WASHER, FLAT 1.15 X 1.50 X .0598	3
28	I49581205	WASHER, FLAT 1.28 X 2.00 X .060	2
29	J23096	SPRING, COIL	1
30	J24H1373	WASHER, FLAT	6
31	J34H288	PIN, ROLL 3/16 X 1-3/4	3
32	JAT30144	SEAL, 1.125 X 1.567 X .375	2
33	JCJ21FN	SPRING, COIL	2
34	JJD8813	BEARING, NEEDLE	2
35	JK40015	NUT, HEX 5/8-11 TOP LOCK	1
36	JN145970	EYEBOLT	1
37	JN145971	BRACKET, ANGLE	1
38	JN145972	BUSHING	1
39	JN145977	SHAFT, CROSS	1
40	JN145980	SPACER	1
41	JN145981	BRACKET, SPRING	1
42	JN145982	BRACKET,	1
43	JN145986	LOCK PLATE,	1
44	JN147036	WASHER, CUPPED	2
45	JN147174	STOP, SPRING COMPRESSION	1
46	JN147175	STUD ADJUSTING	1
47	JN73401	WASHER, CUPPED	4
48	MP09.74155	FITTING, HYD STRAIGHT	1
49	MP32.02101	FITTING, HYD STRAIGHT	2

ROWFINDER ASSEMBLY, KIT FOR 28 & 30 INCH ROW SPACING



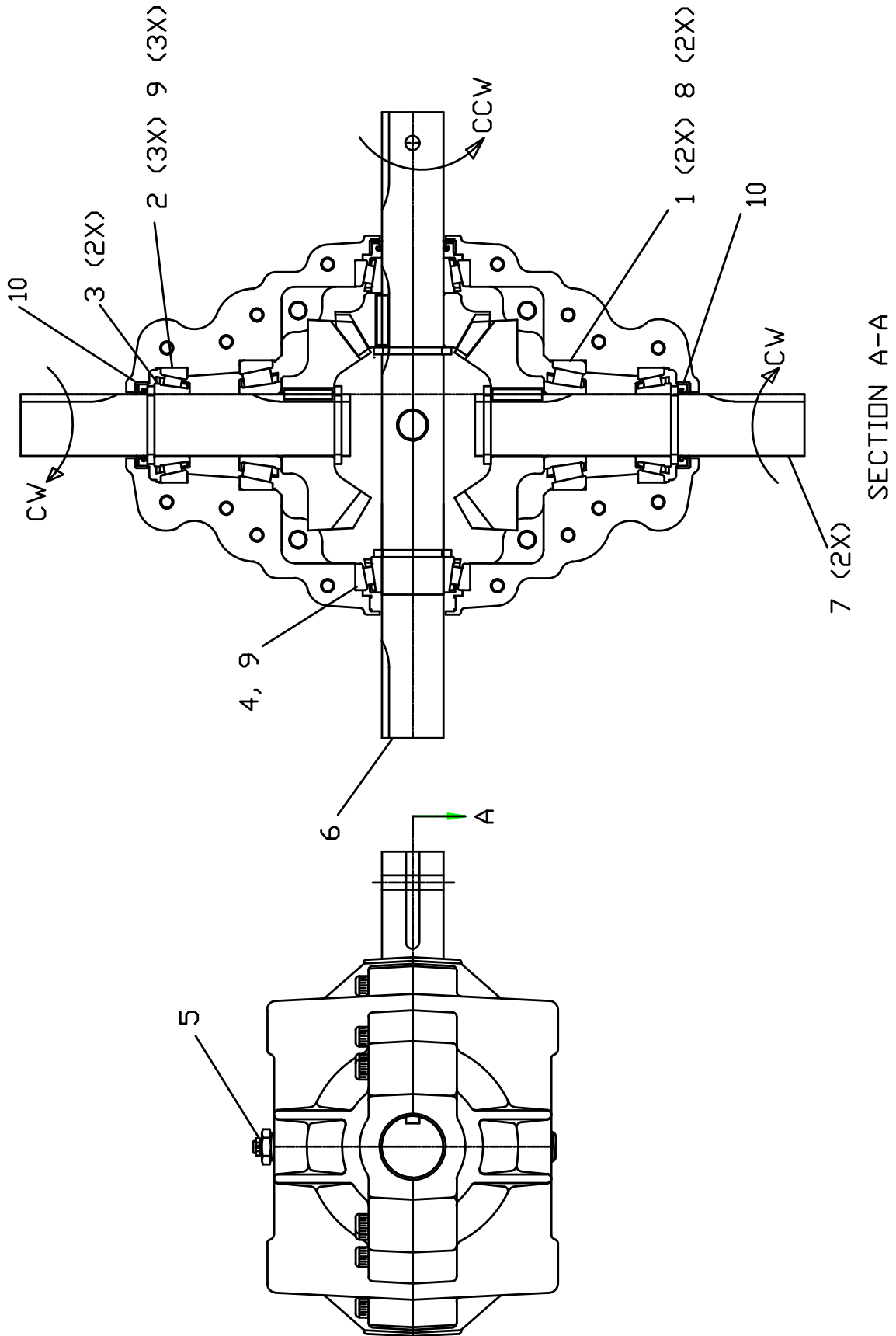
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	003450	COTTER PIN, 3/16 X 1-1/4	1
2	020440	WASHER, LOCK 5/8	1
3	023090	PIN, COTTER 3/32 X .75	1
4	035180	BOLT, CRG 3/8-16 X 1-1/4"	1
5	037550	NUT, NYLOC 1/4-20	3
6	1030808	PIN, 5/16 X 1-1/4	1
7	115590	FITTING, GREASE	1
8	223540	BOLT, HHCS 1/4-20	3
9	413450	BOLT, EYE 3/8" X 2-13/16"	1
10	520600	BRACKET, WELDMENT	1
11	521740	ARM, WELDMENT	1
12	521955	SHAFT ASSY, SPRING	1
13	556660	MOUNT, ROWFINDER VALVE	1
14	583650	ROWFINDER VALVE, CLOSED CTR.	1
15	583670	CLEVIS, HEX VALVE	1
16	585160	FITTING, HYD 90°	2
17	591930	VALVE, FLOW CONTROL	1
18	592520	FITTING, HYD STRAIGHT	1
19	600120	NUT, HFH NYLOC 3/8-16	5
20	607690	FLAP, ROWFINDER	1
21	990820	BOLT, HHCS 3/8-16 X 3	2
22	991100	PIN, ROLL 3/16 X 1-1/4	1
23	E580053	PIN, ROLL 5/16 X 1-3/4	3
24	I120394	WASHER, FLAT 3/8 SAE	1
25	I124589	NUT, HEX 5/8-11	3

ROWFINDER ASSEMBLY, KIT FOR 28 & 30 INCH ROW SPACING, (CONTINUED)



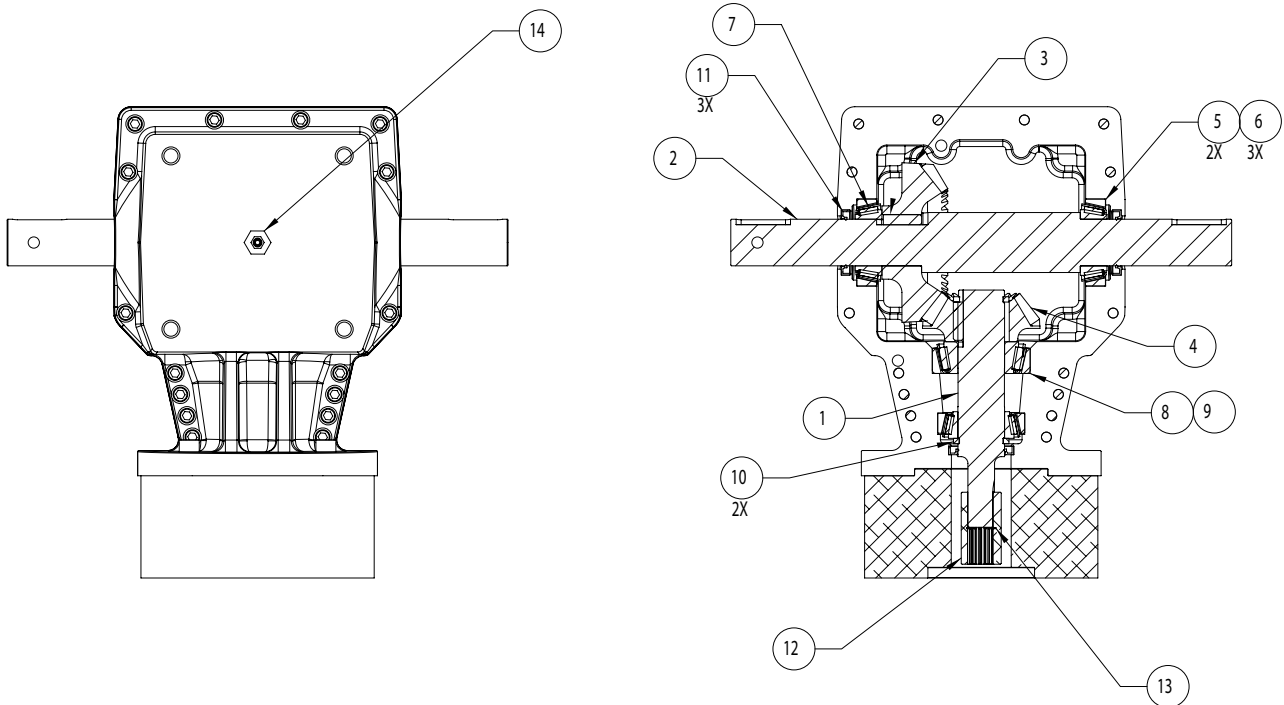
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
26	I124829	NUT,JAM 3/8-16	1
27	I22266R1	WASHER, FLAT 1.15 X 1.75 X .027	1
28	I23041R1	WASHER, FLAT 1.15 X 1.50 X .0598	3
29	I49581205	WASHER, FLAT 1.28 X 2.00 X .060	2
30	J03H1558	BOLT, CRG 3/8-16 X 1-1/2	2
31	J23096	SPRING, COIL	1
32	J24H1373	WASHER, FLAT	6
33	J34H288	PIN, ROLL 3/16 X 1-3/4	3
34	JAT30144	SEAL, 1.125 X 1.567 X .375	2
35	JCJ21FN	SPRING, COIL	2
36	JJD8813	BEARING, NEEDLE	2
37	JK40015	NUT, HEX 5/8-11 TOP LOCK	1
38	JN145970	EYEBOLT	1
39	JN145971	BRACKET, ANGLE	1
40	JN145972	BUSHING	1
41	JN145977	SHAFT, CROSS	1
42	JN145980	SPACER	1
43	JN145981	BRACKET, SPRING	1
44	JN145982	BRACKET,	1
45	JN145986	LOCK PLATE,	1
46	JN147036	WASHER, CUPPED	2
47	JN147174	STOP, SPRING COMPRESSION	1
48	JN147175	STUD ADJUSTING	1
49	JN73401	WASHER, CUPPED	4
50	MP09.74155	FITTING, HYD STRAIGHT	1
51	MP32.02101	FITTING, HYD STRAIGHT	2

GEARBOX, 1:1.857, 4 SHAFT, 520400



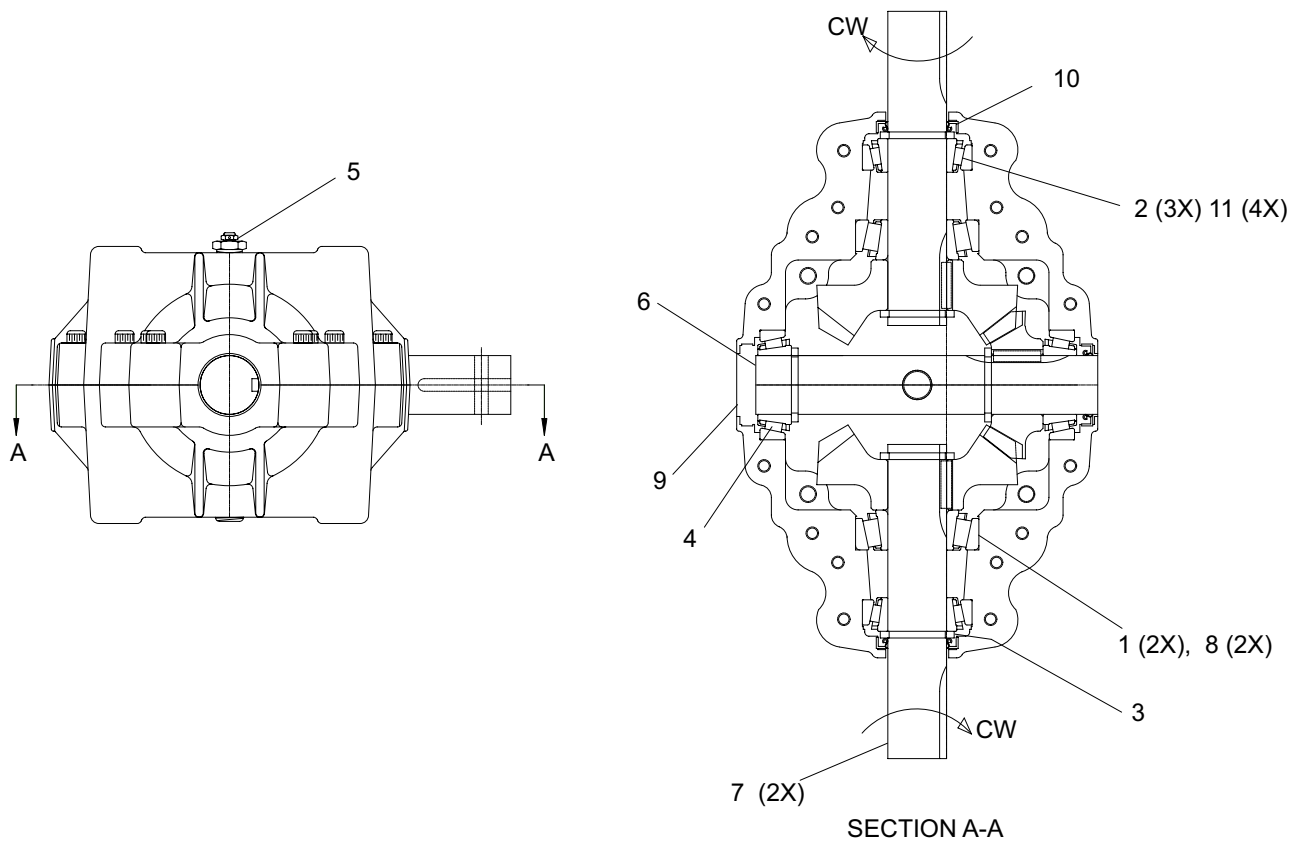
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	V241091P	BEARING, CONE	2
2	235770P	BEARING, CONE	3
3	247670P	RING, RETAINING	2
4	567790P	BEARING, CONE 1-3/4 25580	1
5	247820P	PLUG, PRESSURE RELIEF	1
6	567770P	CROSS SHAFT AND GEAR	1
7	567780P	STUB SHAFT/GEAR	2
8	E072317P	BEARING, CUP	2
9	129770P	BEARING, CUP	4
10	247660P	SEAL, OIL	4

**GEARBOX, PUMP DRIVE, 562050**



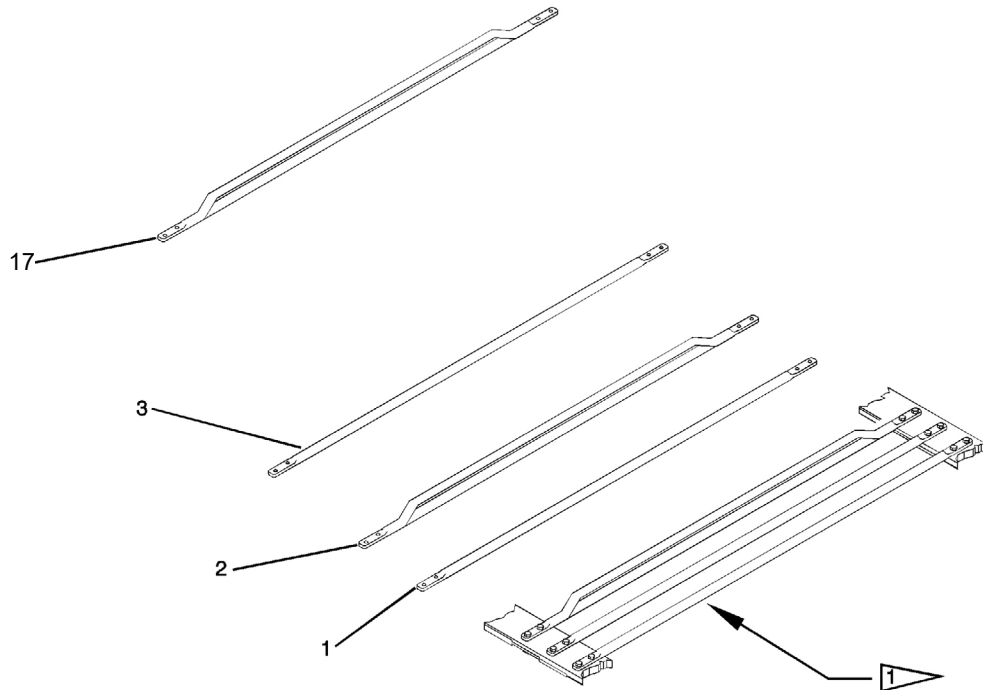
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	567800P	STUB, SHAFT 1.00 INCH SPLINE	1
2	567810P	SHAFT, CROSS	1
3	247740P	GEAR 30 TOOTH	1
4	247790P	GEAR 20 TOOTH	1
5	235770P	BEARING, CONE 1.75	2
6	129770P	BEARING, CUP 3.265	3
7	567790P	BEARING, CONE 2.5580	1
8	E072317P	BEARING, CUP 3.6718	1
9	V241091P	BEARING, CONE 1.75	1
10	247670P	RETAINING RING, EXT. 1.75	2
11	247660P	SEAL, 1.75 TO 2.437	3
12	567820P	COUPLER, SPLINED 15T	1
13	567830P	RETAINING RING	1
14	247820P	PLUG, VENT	1

GEARBOX, 1:1 REVERSE, WIDE HEADS,



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	V241091P	BEARING, CONE	2
2	235770P	BEARING, CONE	3
3	247670P	RING, RETAINER	2
4	567790P	BEARING, CONE	1
5	247820P	PLUG, PRESSURE RELIEF	1
6	567850P	CROSS SHAFT AND GEAR	1
7	567840P	STUB SHAFT/GEAR	2
8	E072317P	BEARING, CUP	2
9	247840P	END, CAP	1
10	247660P	SEAL, OIL	4
11	129770P	BEARING, CUP 3.265	4

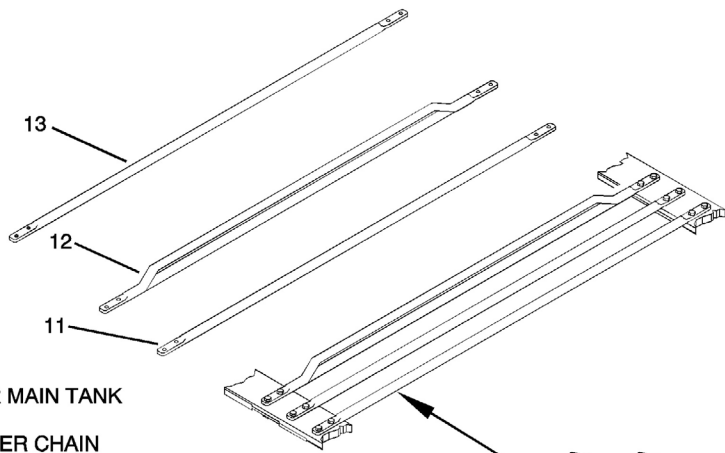
DRAPER CHAIN



NOTES:

- 1 USE 607200 DRAPER CHAIN FOR SHORT CONVEYOR, 1 REQUIRED.

DRAPER 1



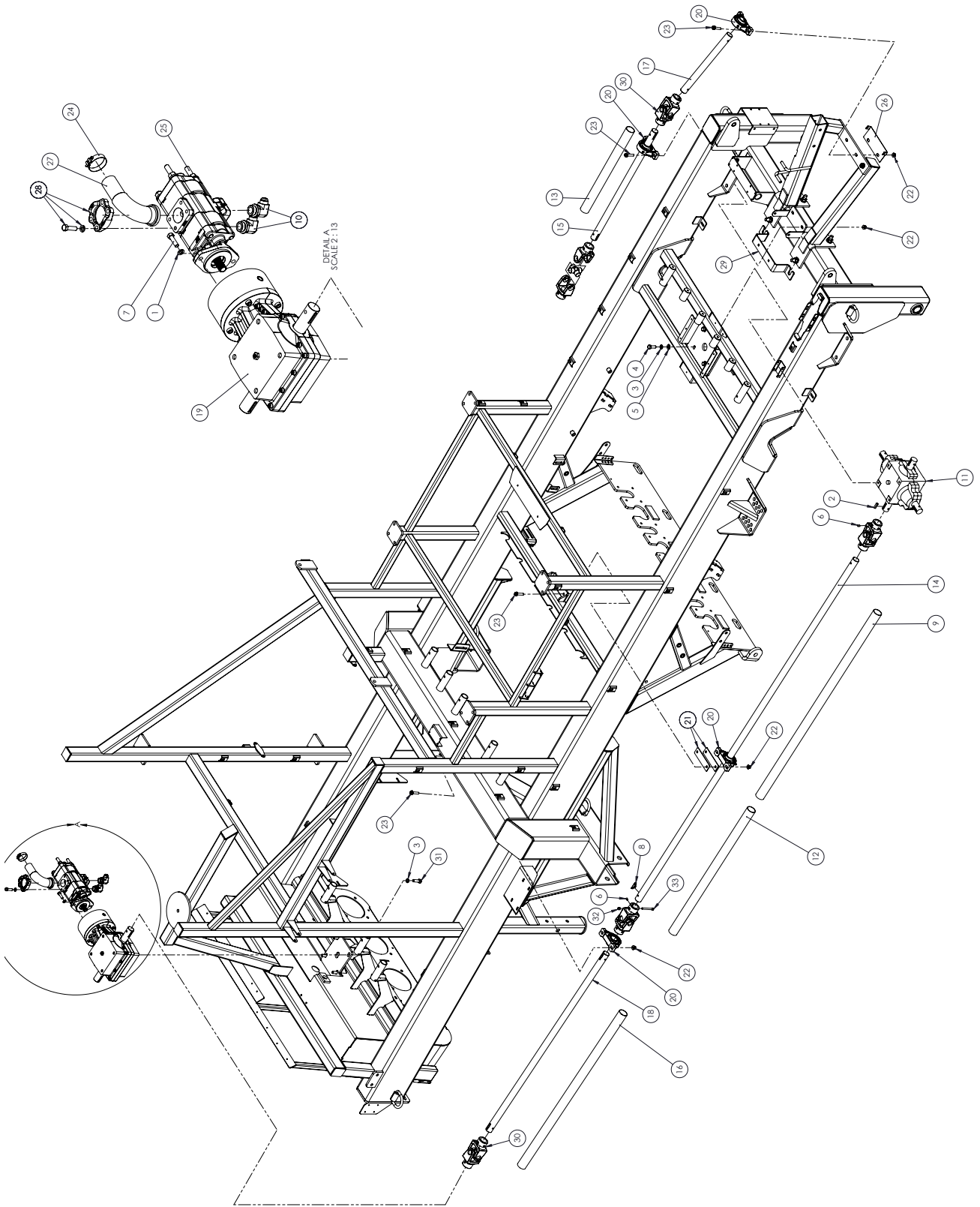
NOTES:

- 1 USE 522030, 522040 DRAPER CHAIN FOR MAIN TANK AND BOOM (STD LENGTH).
- 2 USE 551800, 551810 FULL LENGTH DRAPER CHAIN FOR MAIN TANK 44" EXTENSION & BOOM.
- 3 USE 526580, 526590 BOOM EXTENSIONS.
- 4 USE 522010, 522020 DRAPER CHAIN FOR TRANSFER ELEVATOR.

DRAPER 2

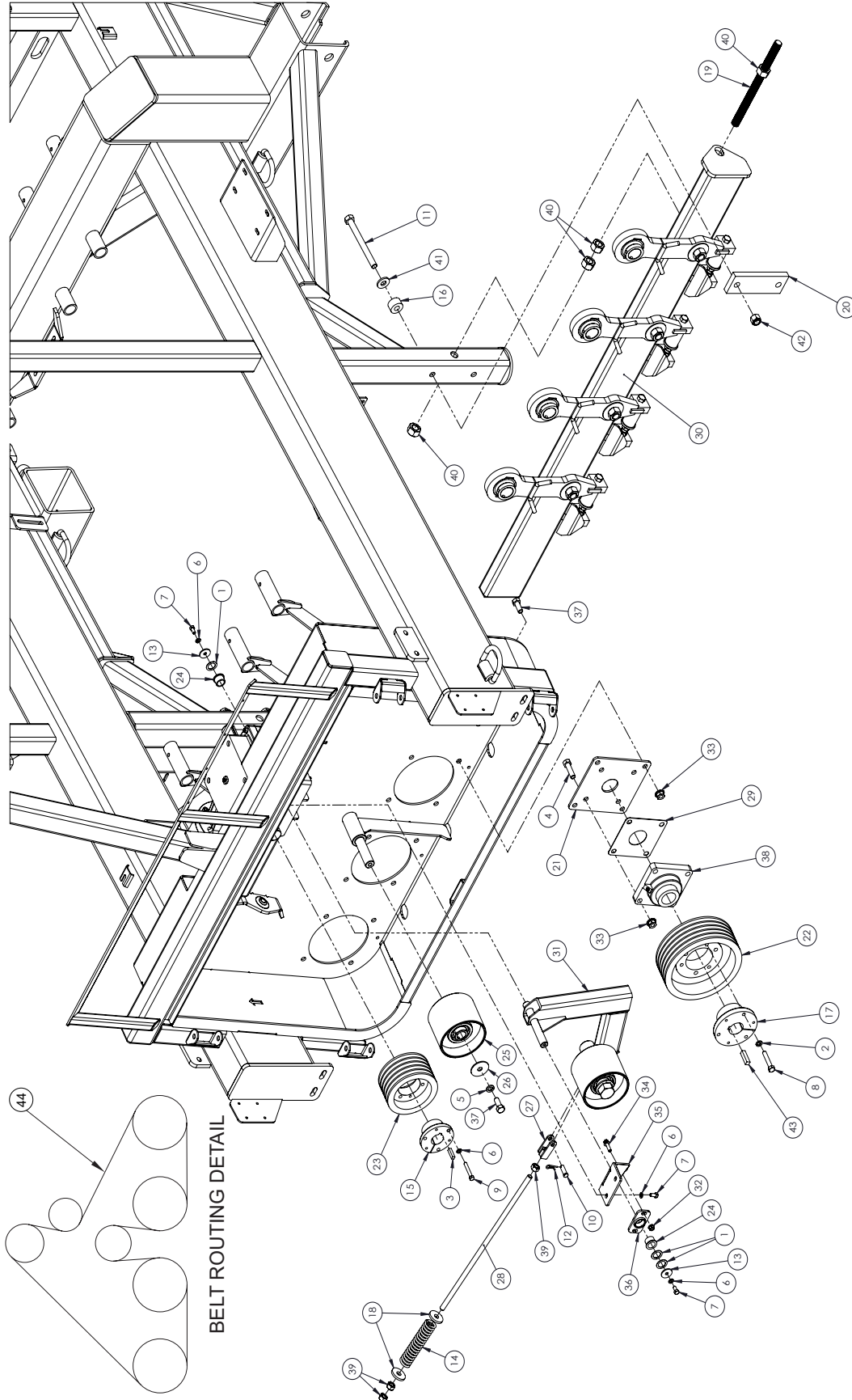
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	599560	ROD, 1/2 X 60", STR. STD.	
2	599570	ROD, 1/2 X 60", WELDED FLIGHT	
3	599580	ROD, 1/2 X 60", STR. 5/16" HOLES	
4	268670	PLATE, BACKING	
5	463180	SCREW, SFHCS, 12-28 X 1-1/4	
6	463190	NUT, LOCK 12-28	
7	343300	BELT SPLICE KIT	
8	533950	BACKER PLATE FOR 5/16	
9	533940	BOLT, 5/16-18 X 1-1/2 CTR. SK. HEX SOCKET	
10	181570	NUT, 5/16 LOCK	
11	530990	ROD, 1/2 X 42, STR. STD.	
12	531010	ROD, 1/2 X 42, WELDED FLIGHT	
13	533960	ROD, 1/2 X 42, STR. 5/16 HOLE	
14	533950	BACKER PLATE FOR 5/16	
15	533940	BOLT, 5/16-18 X 1-1/2 CTR. SK. HEX. SOCKET	
16	181570	NUT, 5/16 LOCK	
17	599590	ROD 1/2 X 60, WELDED FLIGHT, 5/16 HOLES	

DRIVE SHAFT ASSEMBLY



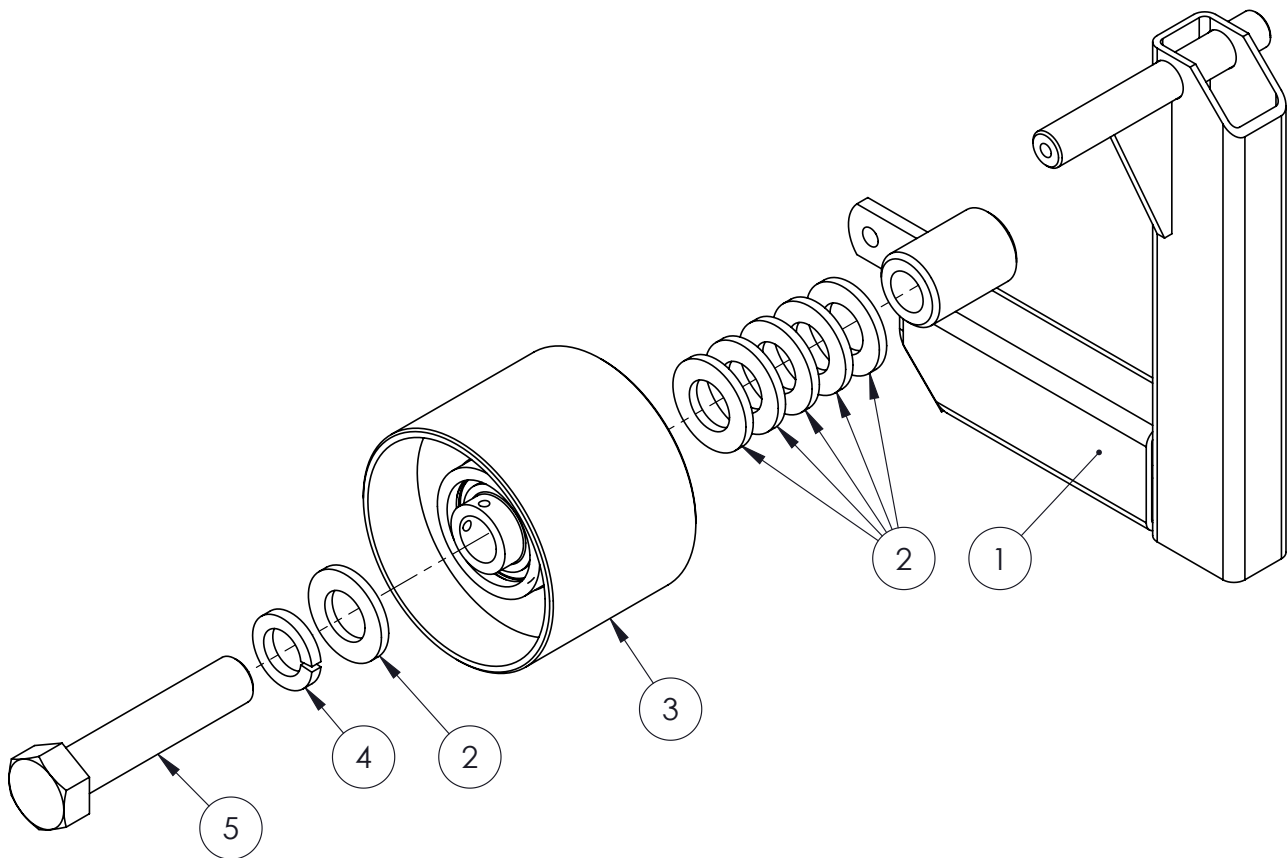
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005370	WASHER, LOCK 1/2	2
2	006670	KEY, SQ 3/8 X 1-1/2	4
3	020440	WASHER, LOCK 5/8	8
4	025100	BOLT, HHCS 5/8-11	4
5	035210	WASHER, FLAT 5/8	4
6	120970	SCREW, HSSS 3/8-16 X 1/2"	10
7	1770500	BOLT, HHCS 1/2-13 X 1-3/4"	2
8	231950	KEY, WOODRUFF	8
9	287550	SHIELD, INNER SPIN	1
10	506540	FITTING, HYD 90°	2
11	520400	GEARBOX, 1.857:1	1
12	525950	SHIELD, INNER SPIN	1
13	525970	SHIELD, INNER SPIN	1
14	526010	SHAFT, MIDDLE DRIVE	1
15	526020	SHAFT, FRONT DRIVE	1
16	526050	SHIELD, INNER SPIN	1
17	538760	SHAFT, PTO JACK	1
18	562040	SHAFT, REAR DRIVE	1
19	562050	GEARBOX, 600	1
20	594450	BEARING, PB 1-3/4"	4
21	594451	SHIM, BEARING	2
22	600140	NUT, HFH NYLOC 1/2-13	8
23	600290	BOLT, HFH 1/2-13 X 2-1/4"	8
24	601180	CLAMP, HOSE	1
25	601405	PUMP, HYD. TANDEM	1
26	602090	BRKT, PTO SHIELD	1
27	606140	FITTING, HYD 90°	1
28	606160	KIT, FLANGE STRAP	1
29	617370	MOUNT, HOSE CLAMPS	1
30	623970	UNIVERSAL JOINT, 44R	5
31	990620	BOLT, HHCS 5/8-11 X 2"	4
32	E552044	NUT, NYLOC 3/8-16	11
33	990870	BOLT, HHCS 3/8-16 X 3.5"	11

GRABROLL DRIVES - REAR BEARINGS ASSEMBLY



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	003370	WASHER, FLAT 1"	3
2	005370	WASHER, LOCK 1/2	12
3	006670	KEY, SQUARE 3/8 X 1-1/2	1
4	013430	BOLT, HHCS 5/8-11 X 2-1/4"	16
5	020440	WASHER, LOCK 5/8	1
6	021180	WASHER, LOCK 3/8	7
7	022420	BOLT, HHCS 3/8-16 X 3/4"	4
8	031580	BOLT, HHCS 1/2-13 X 2-3/4"	12
9	037630	BOLT, HHCS 3/8-16 X 2-1/2"	3
10	1071212	PIN, CLEVIS 1/2 X 1-1/2"	1
11	1111952	BOLT, HHCS 3/4-10 X 8"	4
12	124350	PIN, COTTER 1/8 X 1-1/2"	1
13	169280	WASHER, FLAT 13/32	2
14	231000	SPRING, COMPRESSION	1
15	234760	BUSHING, QD, 1-3/4" BORE	1
16	248290	PAD, FLEX	4
17	251230	BUSHING, QD, 2" BORE	4
18	340310	WASHER, FLAT	2
19	518420	ROD, THREADED, 1-8 X 14.5"	1
20	518490	BAR, CLAMP	2
21	521990	PLATE, REAR GRABROLL, BRG	4
22	522140	SHEAVE, 5 GROOVE	4
23	522150	SHEAVE, 5 GROOVE	1
24	522600	BUSHING, OILITE	2
25	561480	SHEAVE ASSY, IDLER 1.25" ID	1
26	561500	WASHER, FLAT 5/8	1
27	561875	YOKE WLDT, NEW	1
28	561880	ROD, THREADED 5/8-11	1
29	575450	SHIM, BEARING 4 BOLT	4
30	596330	GRABROLL SUPPORTS	1
31	596350	ARM, IDLER	1
32	600120	NUT, HFH NYLOC 3/8-16	2
33	600150	NUT, HFH NYLOC 5/8-11	32
34	600280	BOLT, HFH 3/8-16 X 1-1/4"	2
35	604200	MOUNT, BUSHING	1
36	604220	MOUNT, ADJUSTABLE	1
37	990610	BOLT, HHCS 5/8-11 X 1-1/2"	17
38	E072445	BEARING, 2.00" 4 BOLT	4
39	I124589	NUT, HEX 5/8-11	3
40	J14H805	NUT, HEX 1-8	4
41	J24H1401	WASHER, FLAT	4
42	JK40016	NUT, TOP LOCK, 3/4-10	4
43	R66305	KEY, SQUARE 1/2" X 2"	4
44	522210	BELT, REAR DRIVE	1

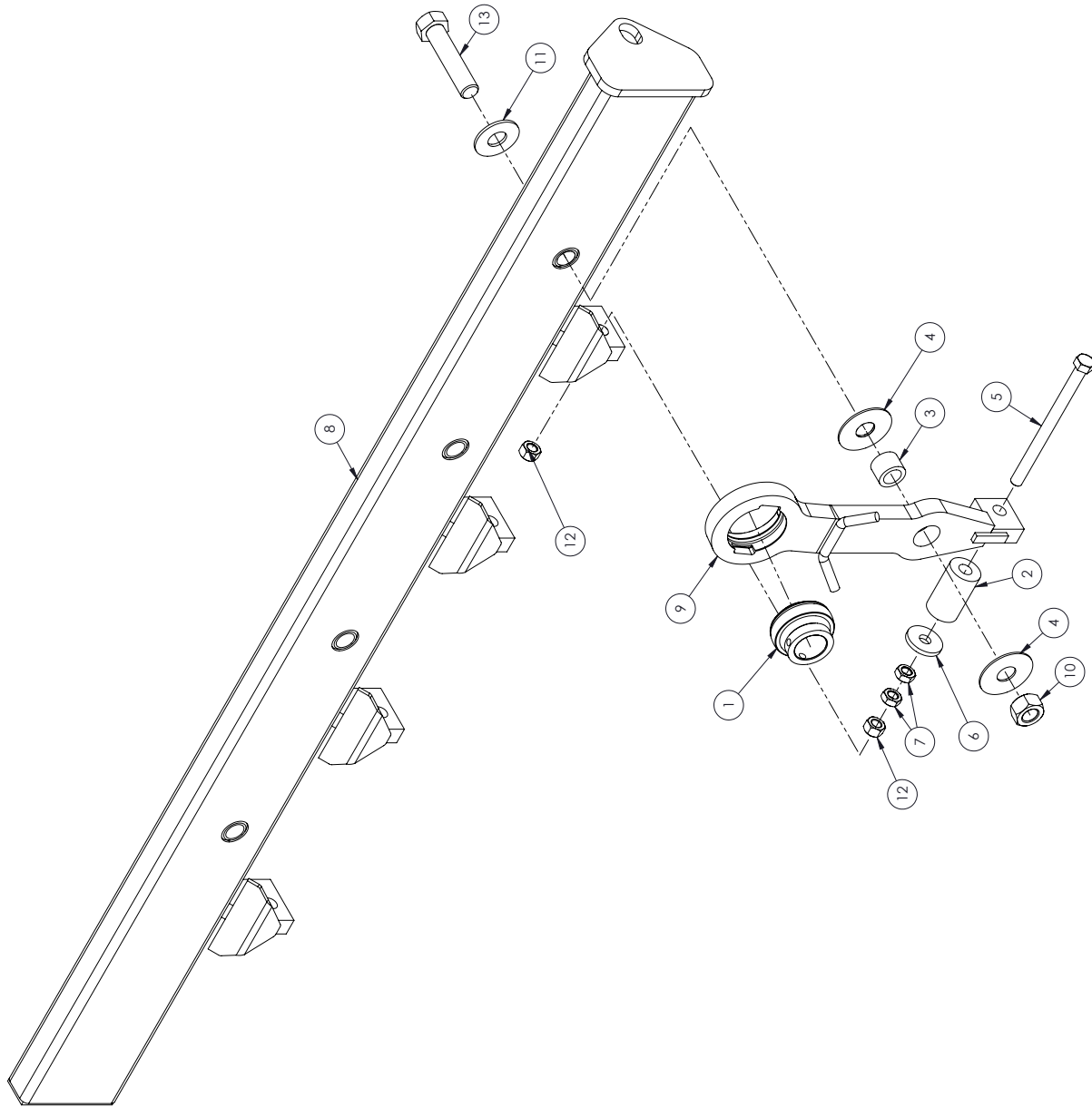
GRABROLL DRIVES - REAR IDLER ARM ASSEMBLY



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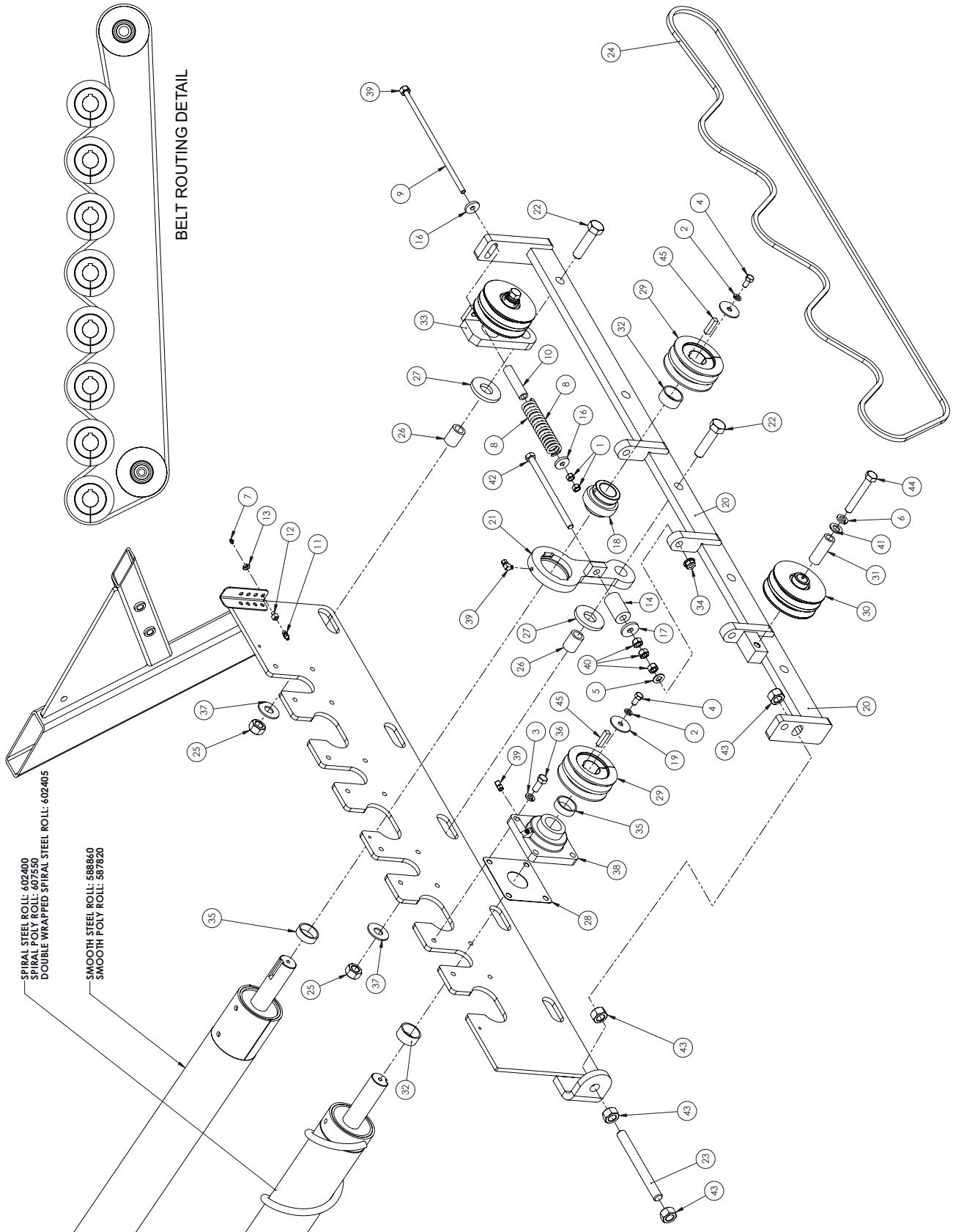
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	562300	ARM WLDT,	1
2	E829022	FW 1.25	6
3	561480	SHEAVE ASSY, IDLER 1.25 ID	1
4	E829047	WASHER, LOCK 1-1/4	1
5	590380	BOLT, HHCS 1-1/4-7 x 6 Gr8 ZN	1

GRABROLL DRIVES - REAR SUPPORTS ASSEMBLY



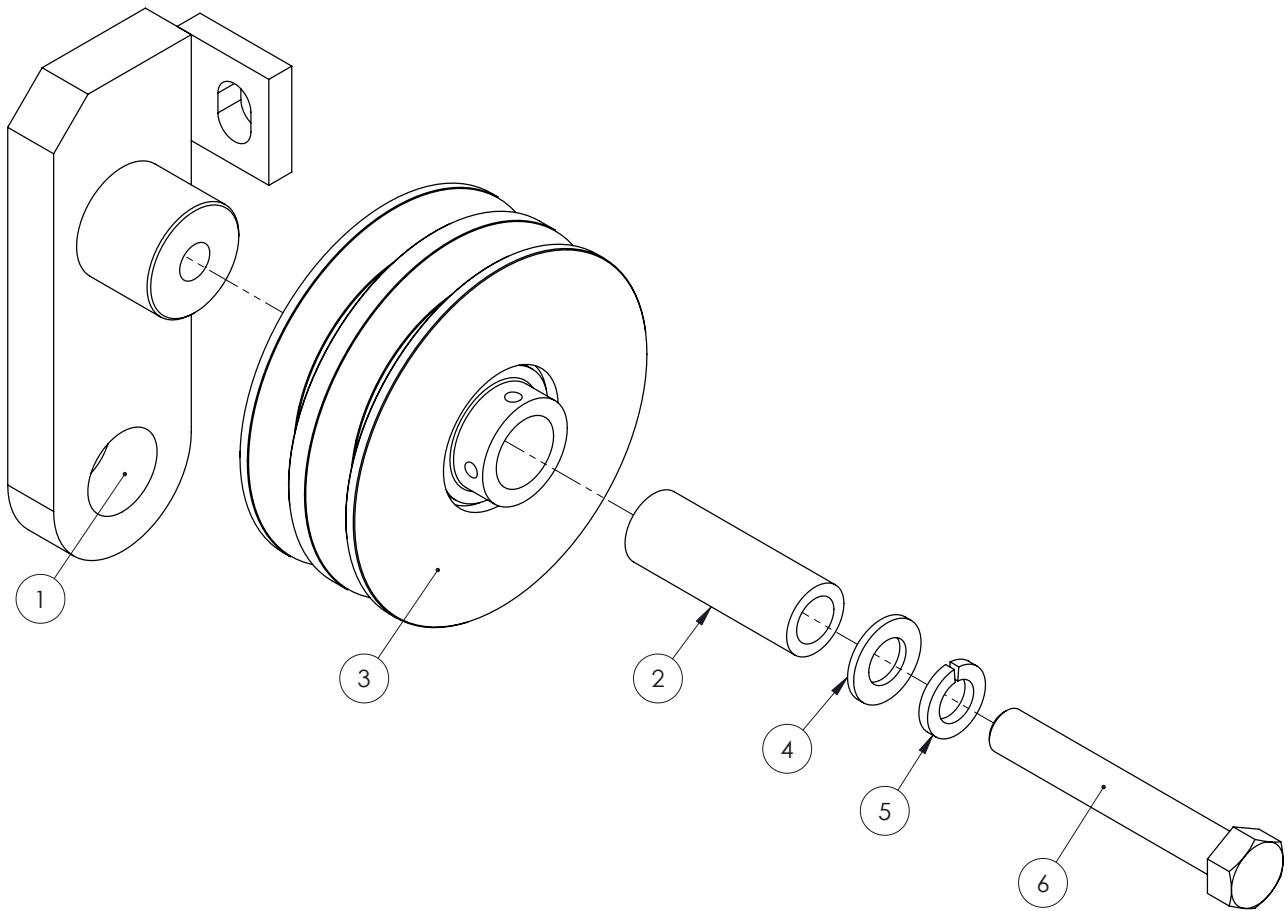
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	236490	BEARING, SPHERICAL 1-3/4" OD	4
2	248300	PAD, FLEX, 1.75 X .75 X 3.00	4
3	264730	BUSHING, GRABROLL ARM	4
4	264740	WASHER, HARDENED	8
5	264760	BOLT, HHCS 5/8-11 X 8-1/2", GR8	4
6	340310	WASHER, FLAT	4
7	344630	NUT, JAM 5/8-11	8
8	518500	REAR TUBE WLDT	1
9	525560	ARM WLDT, SMOOTH	4
10	530890	NUT, LOCK 1-8	4
11	990720	WASHER, FLAT 1" STD	4
12	I124589	NUT, HEX 5/8-11	8
13	TG0679	BOLT, HHCS 1-8 X 4-1/2", GR8	4

GRABROLL DRIVES - FRONT BEARINGS ASSEMBLY



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005360	NUT, HEX 1/2-13	2
2	005370	WASHER, LOCK 1/2	8
3	020440	WASHER, LOCK 5/8	16
4	031080	HBOLT 1/2-13 X 1.25" GR5 ZN	8
5	035210	WASHER, FLAT 5/8	4
6	036800	WASHER, LOCK 3/4 SAE	1
7	049180	FITTING, GREASE 1/4-28 STRT	8
8	231000	SPRING, COMPRESSION	1
9	231070	ROD, WLDT, TAKE-UP,	1
10	239040	SPACER, SPRING	1
11	244260	FITTING, GREASE STRAIGHT	8
12	244280	CONNECTOR, BULKHEAD	8
13	244290	NUT, LOCK 1/8-NPSM	8
14	248300	PAD, FLEX, 1.75 X .75 X 3.00	4
15	264800	PAD, FLEX (STEEL ROLLS ONLY)	4
16	268560	FW 0.531 ID X 1.75 OD X .25THK	2
17	340310	WASHER, FLAT	4
18	501150	BEARING, BALL 2.0	4
19	509820	WASHER, FLAT 2.38 X .56 X .13	8
20	519150	BAR WELDMENT, GRABROLL	1
21	519270	ARM, GRABROLL	4
22	519720	BOLT, HHCS 1-8 X 4 GR8	5
23	519730	ROD THRD'D, 1-8 X 10	1
24	522270	BELT, DOUBLE CC158	2
25	530890	NUT, LOCK 1-8	5
26	566150	BUSHING, 1.578	5
27	566160	DISK, ARM SPACER	5
28	575450	SHIM, BEARING 4 BOLT	4
29	581400	SHEAVE, DBL C 6.0 OD	8
30	582060	SHEAVE ASSEMBLY	1
31	582070	BEARING SPACER, TUBE	1
32	586390	SPACER, GRABROLL	8
33	596320	PULLEY SUB ASM	1
34	600150	NUT, HFH NYLOC 5/8-11	4
35	607530	SPACER, ROLL .77"	8
36	990610	BOLT, HHCS 5/8-11 X 1-1/2"	16
37	990720	WASHER, FLAT 1" STD	5
38	E072445	BEARING, 2.00" 4 BOLT	4
39	HT78-26-0204	CONNECTOR BRASS, 90, 1/8	8
40	I124589	NUT, HEX 5/8-11	12
41	I131017	WASHER, FLAT	1
42	J08H4753	BOLT, HHCS 5/8-11 X 10.5"	4
43	J14H805	NUT, HEX 1-8	4
44	P99440	BOLT, HHCS 3/4-10 X 5-1/2", GR8	1
45	R66305	KEY, SQUARE 1/2" X 2"	8

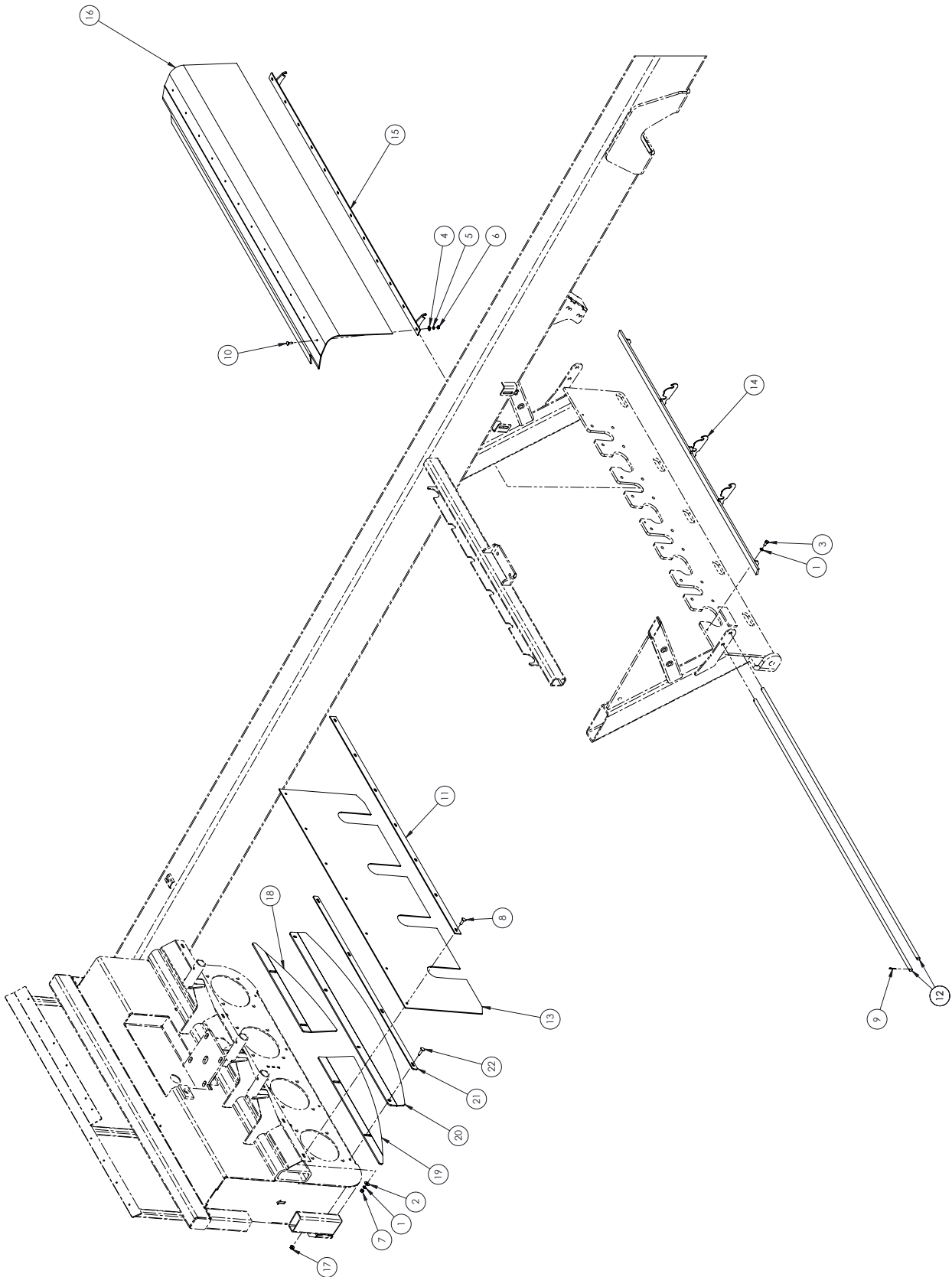
GRABROLL DRIVES - FRONT PULLEY ASSEMBLY



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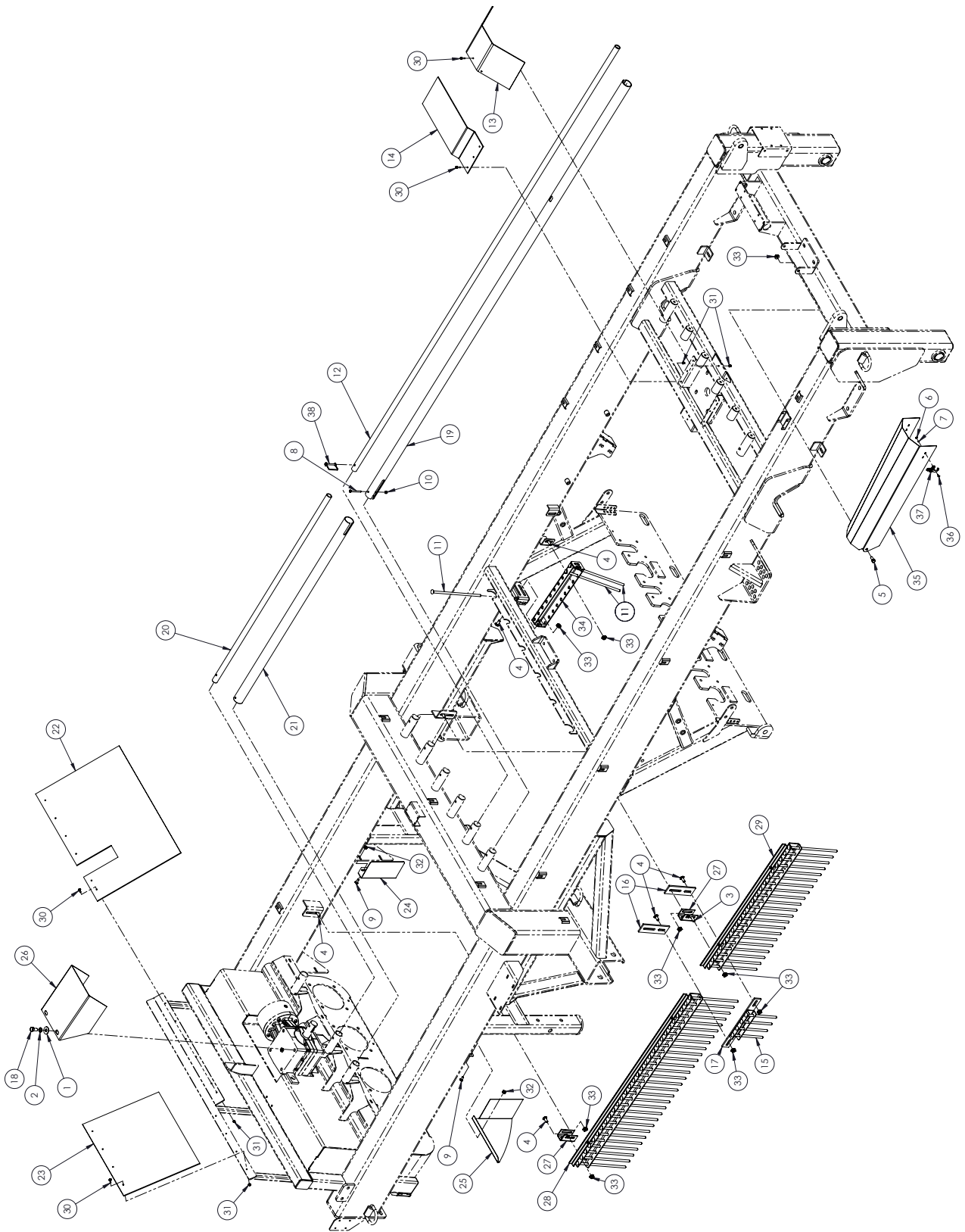
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	519180	MOUNT WELDMENT	1
2	582070	BEARING SPACER, TUBE	1
3	582060	SHEAVE ASSEMBLY	1
4	1131017	WASHER, FLAT	1
5	036800	WASHER, LOCK 3/4 SAE	1
6	P99440	BOLT, HHCS 3/4-10 X 5-1/2", GR8	1

GRABROLL DRIVES - COVERS ASSEMBLY



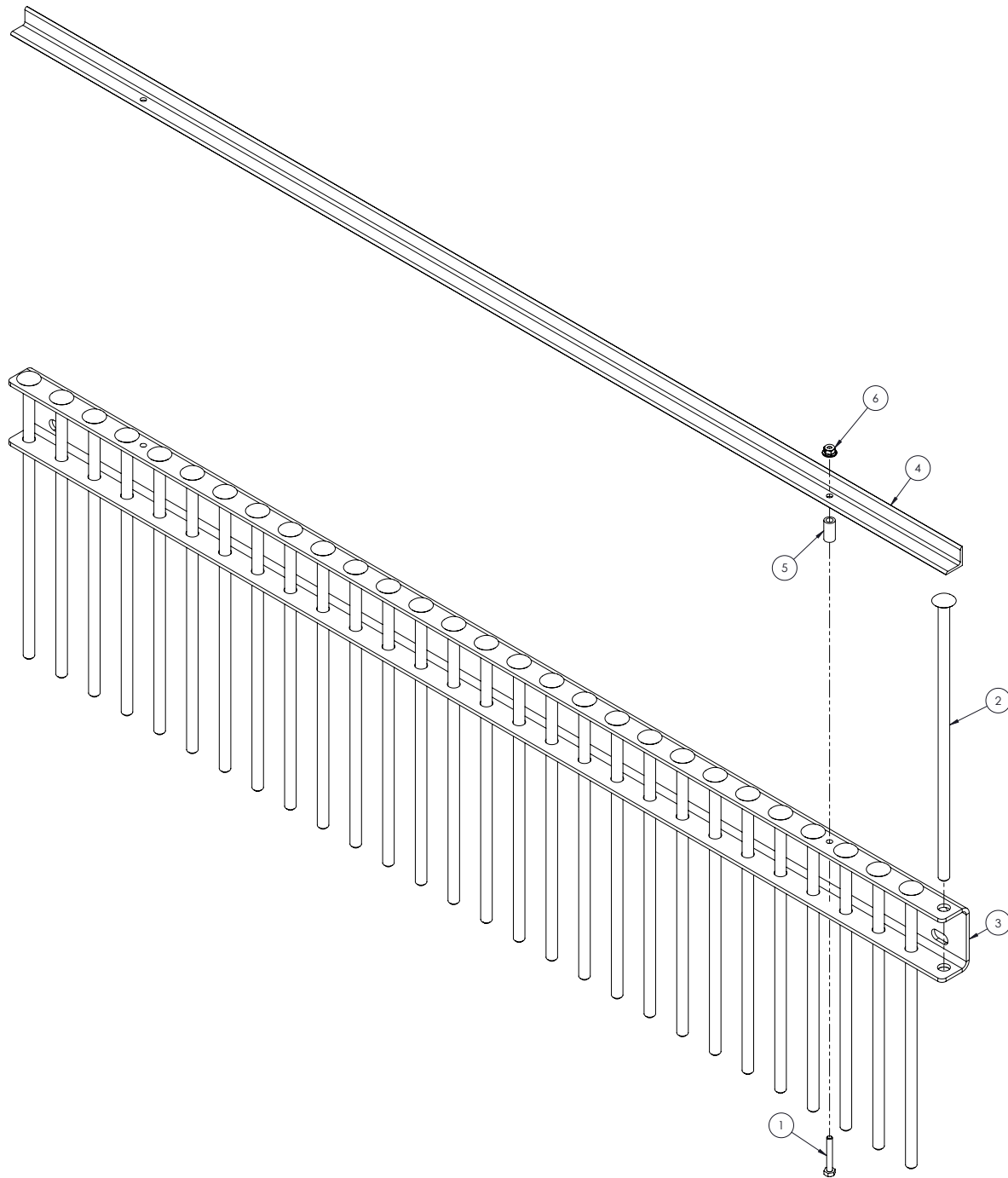
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	021180	WASHER, LOCK 3/8	10
2	021190	WASHER, FLAT 3/8 STD	7
3	022420	BOLT, HHCS 3/8-16 X 3/4"	3
4	022920	WASHER, FLAT 5/16 STD	12
5	023620	WASHER, LOCK 5/16	12
6	023630	NUT, HEX 5/16-18	12
7	027260	NUT, HEX 3/8-16 GR5	7
8	035180	BOLT, CRG 3/8-16 X 1-1/4"	7
9	035850	PIN, COTTER 5/32 X 1-1/4	4
10	254060	BOLT, CRG 5/16-18 X 1"	12
11	523890	STRAP, BACKING	1
12	525490	ROD, RUBBER DEFECT. SUPT.	2
13	562020	FLAP, REAR 6812A	1
14	595530	MOUNT WLDT, RUBBER	1
15	595580	MOUNT, SKIRT	1
16	595630	DEFLECTOR, RUBBER	1
17	600120	NUT, HFH NYLOC 3/8-16	4
18	607160	FILLER, LOWER LH	1
19	607170	FILLER, LOWER RH	1
20	607220	FLAP, LOWER F/W	1
21	607230	CLAMP, F/W GUARD	1
22	J03H1558	BOLT, CRG 3/8-16 X 1-1/2	4

GUARDING & DOORS ASSEMBLY



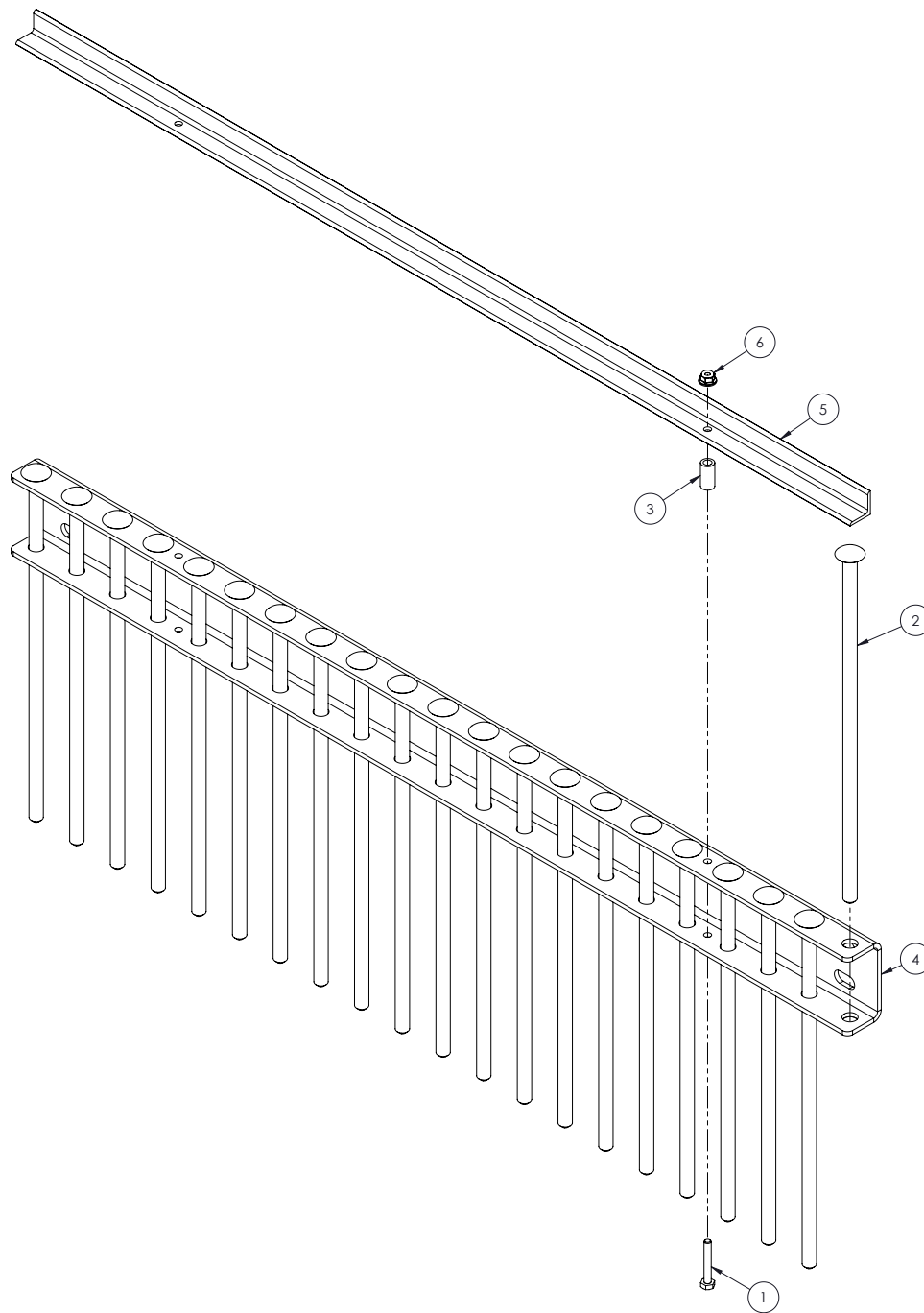
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	020430	WASHER, FLAT 5/8 STD	2
2	020440	WASHER, LOCK 5/8	2
3	025390	BOLT, CRG 1/2-13 X 1-3/4"	8
4	030470	BOLT, CRG 1/2-13 X 1-1/4"	24
5	031080	BOLT, HHCS 1/2-13 X 1.00	2
6	120590	NUT, HEX 10-24 GR2 ZN	4
7	120600	WASHER, LOCK #10 X 21/64 X	4
8	160230	BOLT, HHCS 5/16-18 X 3 GR5 ZN	3
9	170530	BOLT, CRG 3/8-16 X 1"	4
10	181570	NUT, LOCK 5/16-18 NYLON	3
11	347540	ROD, GRATE .5 X 14.75	22
12	526690	PIPE, GRATE FRONT	4
13	526720	DEFLECTOR, RUBBER	2
14	526730	DEFLECTOR, RUBBER	2
15	532050	ROD, GRATE .5 X 9.25	8
16	532090	STRAP, GRATE MTG	4
17	532100	GRATE WLDT, AXLE	2
18	990600	BOLT, HHCS 5/8-11 X 1-1/4"	2
19	552250	PIPE, WIRE ENCLOSURE, GRATE 139.00	2
20	562000	PIPE, GRATE REAR	2
21	562010	PIPE, WIRE ENCLOS.	1
22	562030	GUARD, REAR DRIVE	1
23	562090	GUARD, REAR DRIVE	1
24	563090	FILLER, F.W.	1
25	563170	FILLER, FW R. FRONT	1
26	569650	SHIELD, REAR	1
27	586830	CHANNEL, 2" EXT	4
28	596380	PIN SHIELD, LONG	2
29	596390	PIN SHIELD, SHORT	2
30	600020	BOLT, HFH 1/4-20 X 1.00"	22
31	600100	NUT, HFH NYLOC 1/4-20	22
32	600120	NUT, HFH NYLOC 3/8-16	4
33	600140	NUT, HFH NYLOC 1/2-13	34
34	603500	CHANNEL WLDT	2
35	538070	SHIELD, J.S. FRONT	1
36	I159920	SCREW, PHMS 10-24 X 1/2"	4
37	I669184R1	CLAMP, SHIELD	2
38	R18660	PIN, SNAPPER 5/16 X 2-3/4	6

**GUARDING & DOORS - PIN SHIELD ASSEMBLY, LONG**



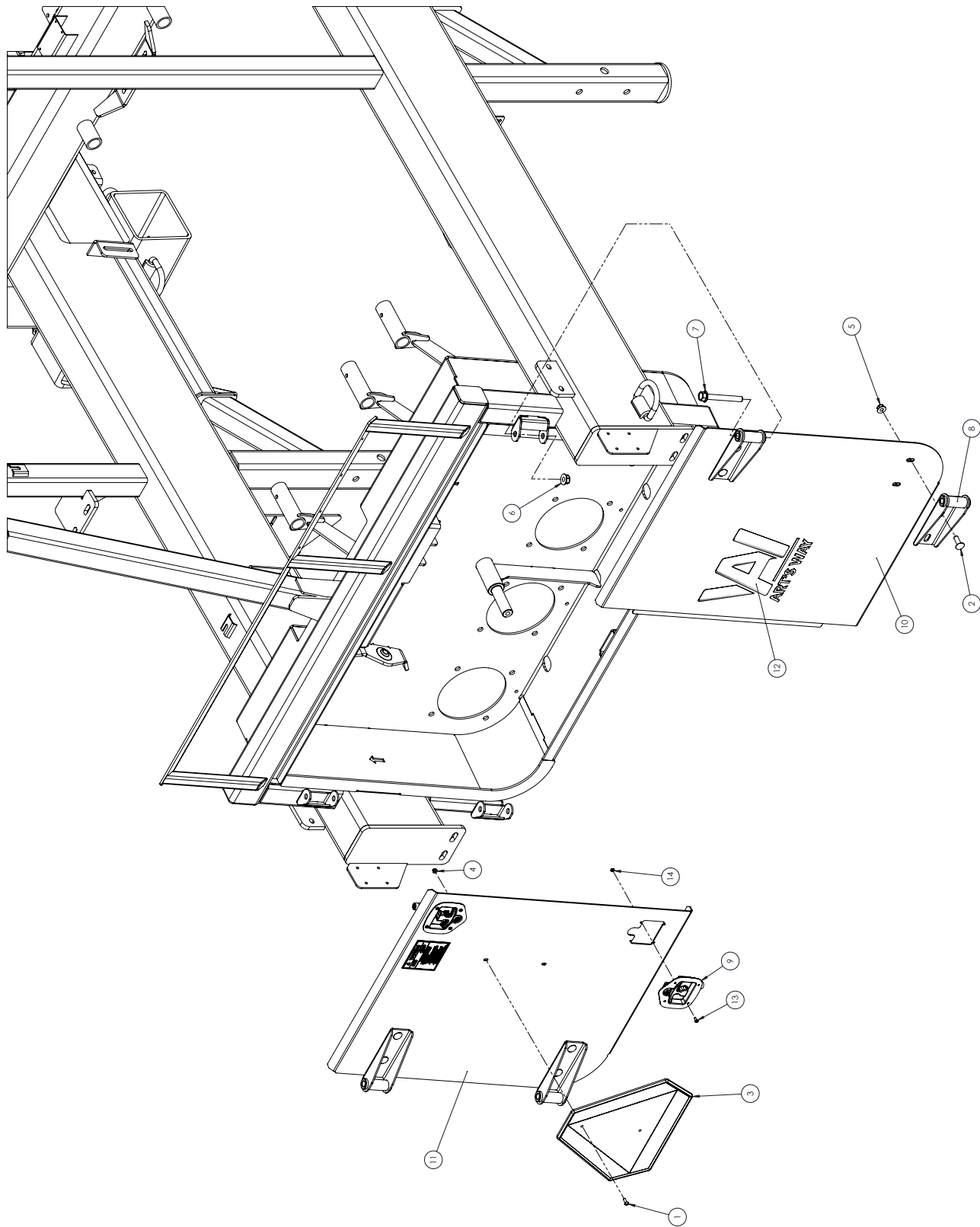
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	223540	HBOLT 0.2500-20x1.75x1.75-N	2
2	347540	ROD, GRATE .5 x 14.75	29
3	525550	CHANNEL, GRATE	1
4	525580	ANGLE, CAP	1
5	525590	SPACER,	2
6	600100	NUT, HFH NYLOC	2

GUARDING & DOORS - PIN SHIELD ASSEMBLY, SHORT



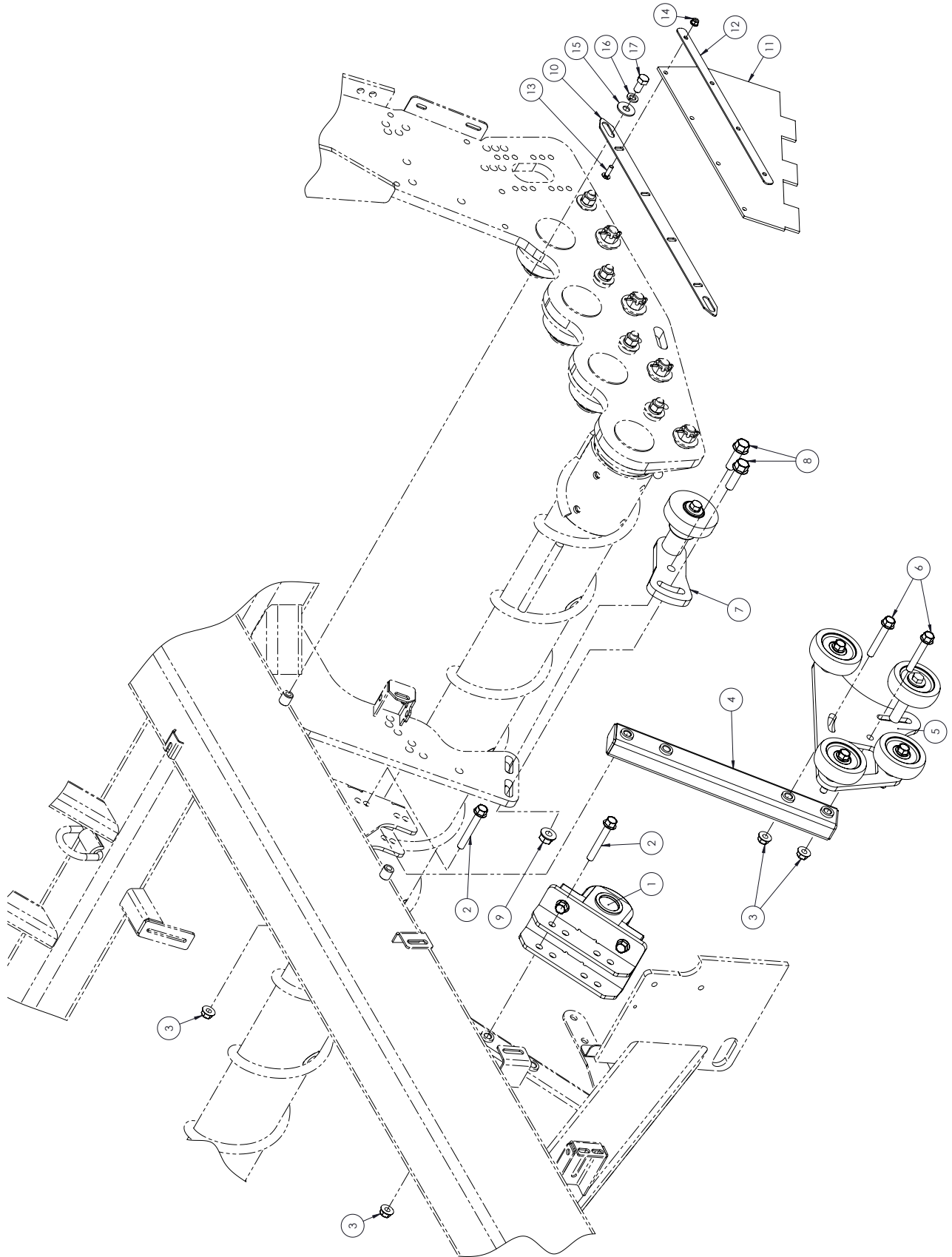
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	223540	HBOLT 0.2500-20x1.75x1.75-N	2
2	347540	ROD, GRATE .5 x 14.75	21
3	525590	SPACER,	2
4	559770	CHANNEL, GRATE	1
5	561840	ANGLE, CAP 41.00"	1
6	600100	NUT, HFH NYLOC	2

GUARDING & DOORS - DOORS ASSEMBLY



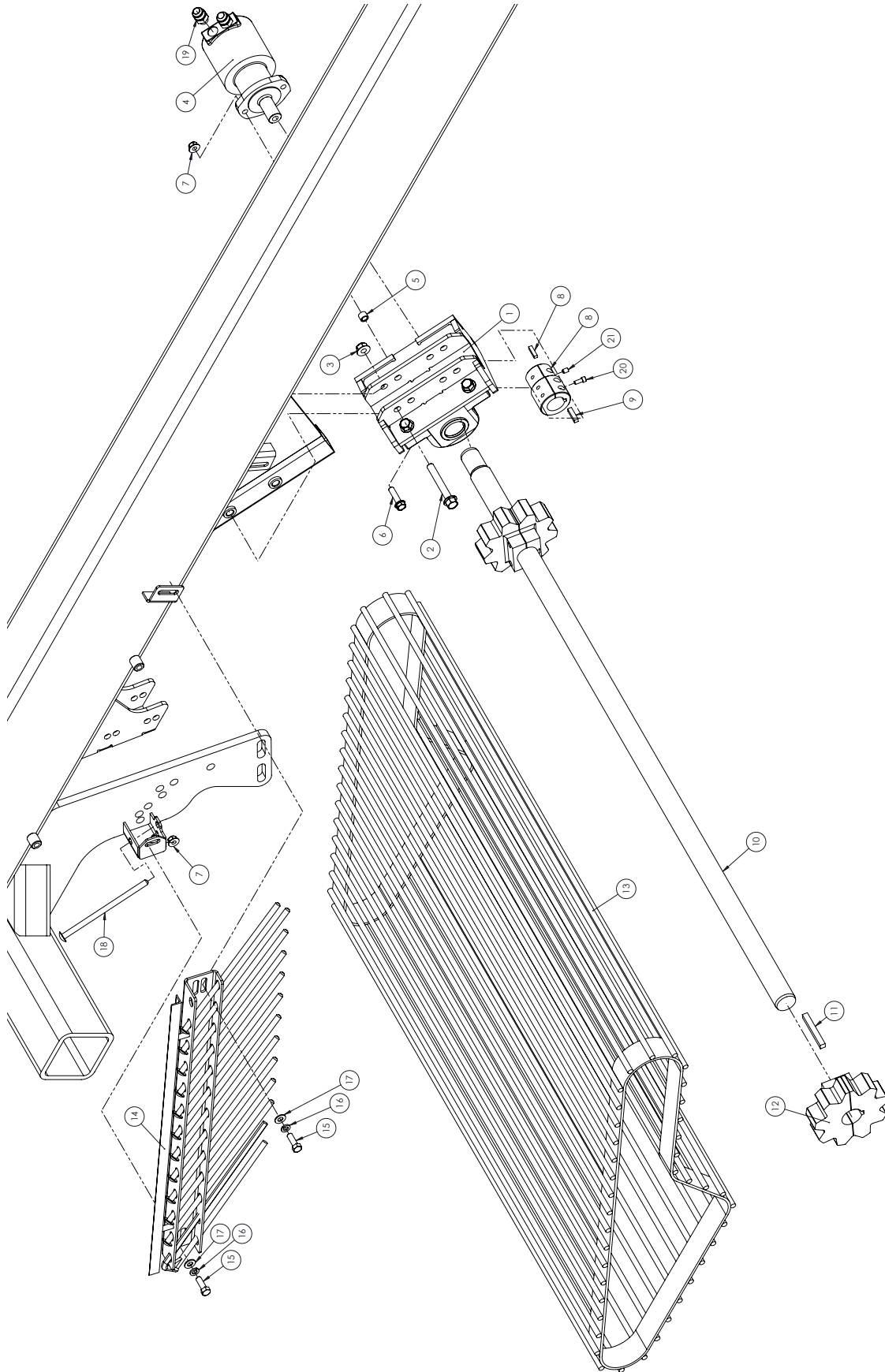
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	011990	SCREW, RHMS 1/4-20X3/4 ZN	2
2	156850	BOLT, CRG 1/2-13 X 1-1/2"	8
3	467450	DECAL, WARNING MOVING	1
4	600100	NUT, HFH NYLOC 1/4-20	2
5	600140	NUT, HFH NYLOC 1/2-13	8
6	600150	NUT, HFH NYLOC 5/8-11	4
7	600410	BOLT, HFH 5/8-11 X 5"	4
8	621631	HINGE, DOOR SIDE	4
9	622027	LATCH, DOOR	2
10	670419	WELDMENT, RH DOOR	1
11	670421	WELDMENT, LH DOOR	1
12	720110	DECAL, NEW ARTS WAY LOGO	1
13	1159920	SCREW, PHMS 10-24 X 1/2"	8
14	MP907302	Nut, Lock 10-24 GR5 ZN Nylon	8

SHORT CONVEYOR ASSEMBLY 1



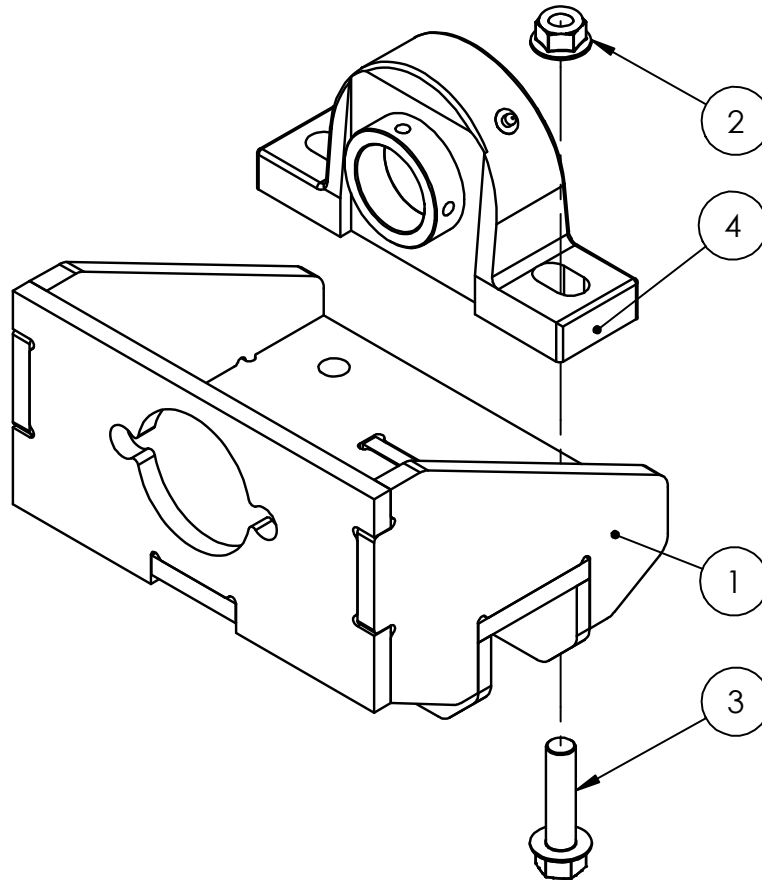
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	599890	BEARING MOUNT ASSY	1
2	600390	BOLT, HFH 5/8-11 X 4-1/2"	8
3	600150	NUT, HFH NYLOC 5/8-11	12
4	598850	ROLLER ARM WLDT	2
5	599901	ROLLER ASSEMBLY	1
6	600360	BOLT, HFH 5/8-11 X 4"	4
7	606150	ROLLER SUB ASM	2
8	600430	BOLT, HFH 3/4-10 X 2-1/2"	4
9	600160	NUT, HFH TOPLOCK 3/4-10	4
10	569610	PLATE, UPPER	2
11	575270	RUBBER, FILLER	2
12	569620	PLATE, RUBBER	2
13	035180	BOLT, CRG 3/8-16 X 1-1/4"	8
14	600120	NUT, HFH NYLOC 3/8-16	8
15	020430	WASHER, FLAT 5/8 STD	4
16	020440	WASHER, LOCK 5/8	4
17	990600	HHCS 5/8-11 X 1-1/4 GR5 ZN	4

SHORT CONVEYOR ASSEMBLY 2



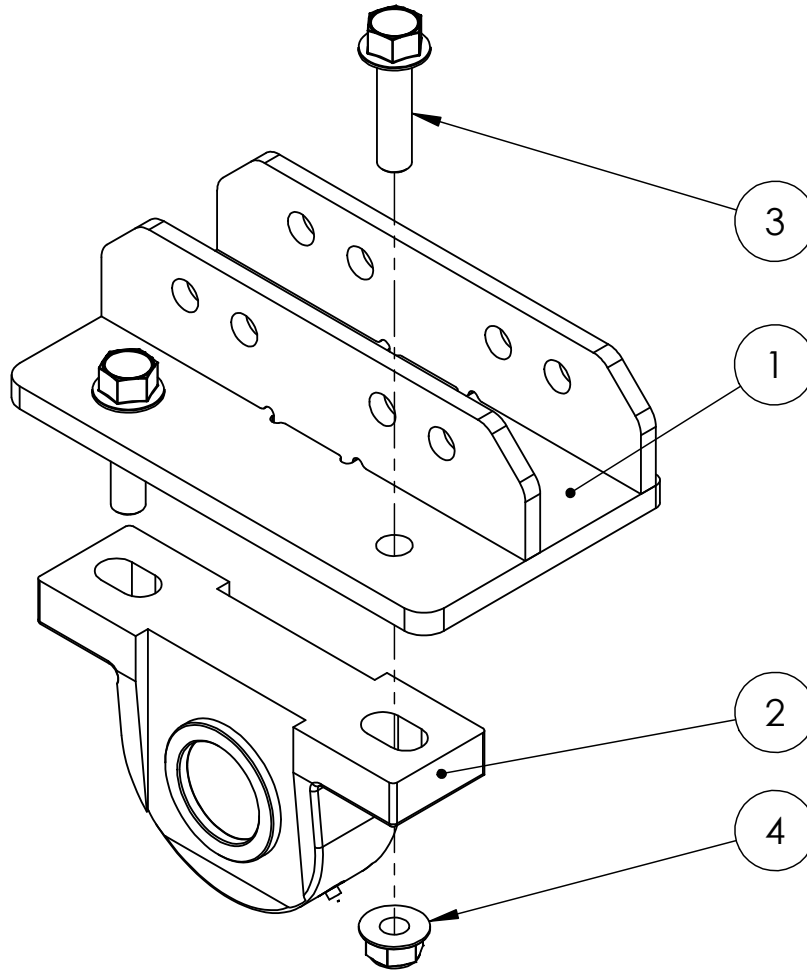
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	599880	MOUNT,MOTOR	1
2	600390	BOLT, HFH 5/8-11 X 4-1/2"	8
3	600150	NUT, HFH NYLOC 5/8-11	12
4	538490	MOTOR, HYD. 17.1 CID,	1
5	601680	BUSHING, MOTOR	2
6	600240	BOLT, HFH 1/2-13 X 2.00"	2
7	600140	NUT, HFH NYLOC 1/2-13	4
8	020220	KEY, SQUARE 5/16 X 1-1/4	1
9	006670	KEY, SQ 3/8 X 1-1/2	1
10	602220	SHAFT, DRIVE	1
11	156040	KEY, SQUARE 1/2 X 4	2
12	594270	SPROCKET, 9T/.50,	2
13	607200	CHAIN, BELTED	1
14	603450	GRATE ASSEMBLY, RH	1
15	014770	BOLT, HHCS 1/2-13 X 1-1/2"	4
16	005370	WASHER, LOCK 1/2	4
17	005200	WASHER, FLAT 1/2 STD	4
18	532050	ROD, GRATE .5 X 9.25	2
19	605820	FITTING, HYD STRAIGHT	2
20	609050	BOLT, SHCS 5/16-18	3
21	120970	SCREW, HSSS 3/8-16 X 1/2"	1

## SHORT CONVEYOR - MOTOR MOUNT ASSEMBLY, 599880



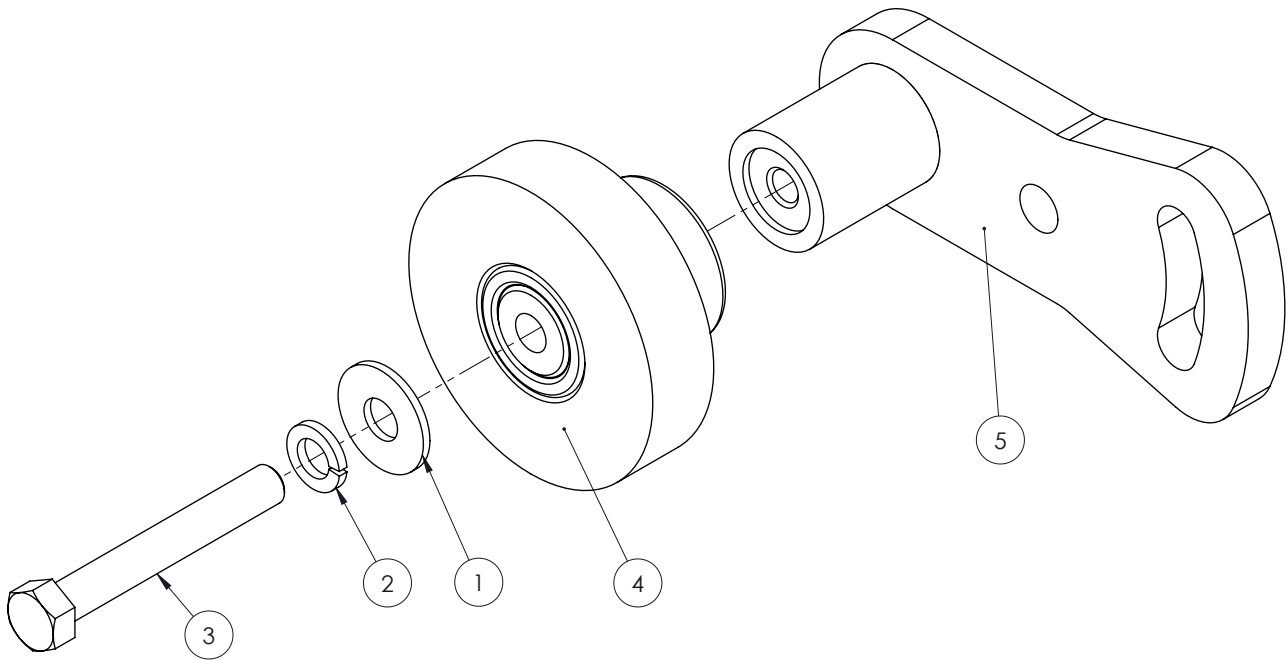
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	598910	MOTOR MOUNT	1
2	600150	NUT, HFH NYLOC	2
3	600310	BOLT, HFH 5/8-11	2
4	E072358	PB BEARING, 2.0 BORE	1

## SHORT CONVEYOR - BEARING MOUNT ASSEMBLY, 599890



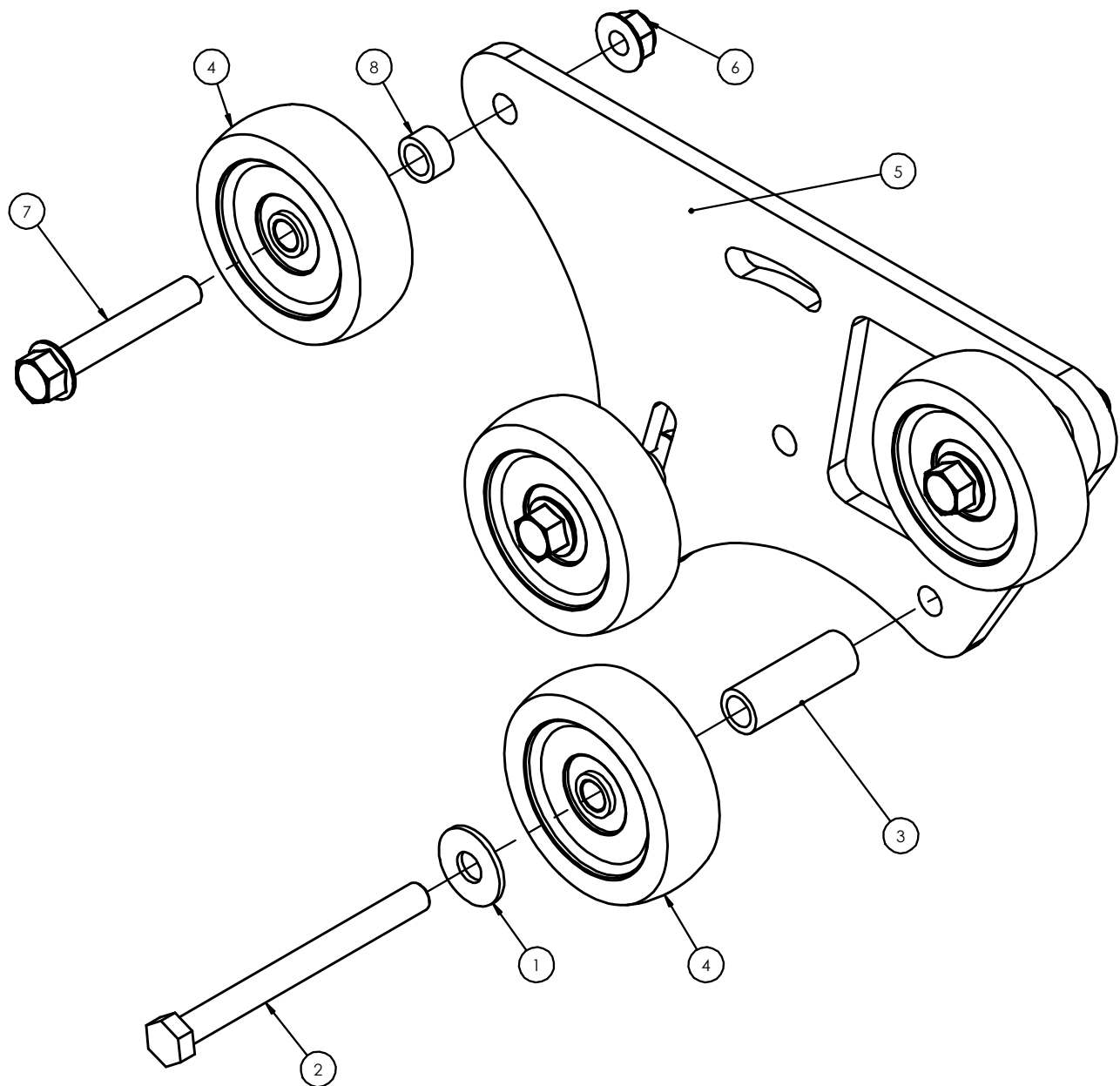
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	598950	BRACKET WLDT,	1
2	E072358	PB BEARING, 2.0 BORE	1
3	600310	BOLT, HFH 5/8-11	2
4	600150	NUT, HFH NYLOC	2

**SHORT CONVEYOR - ROLLER ASSEMBLY, 606150**



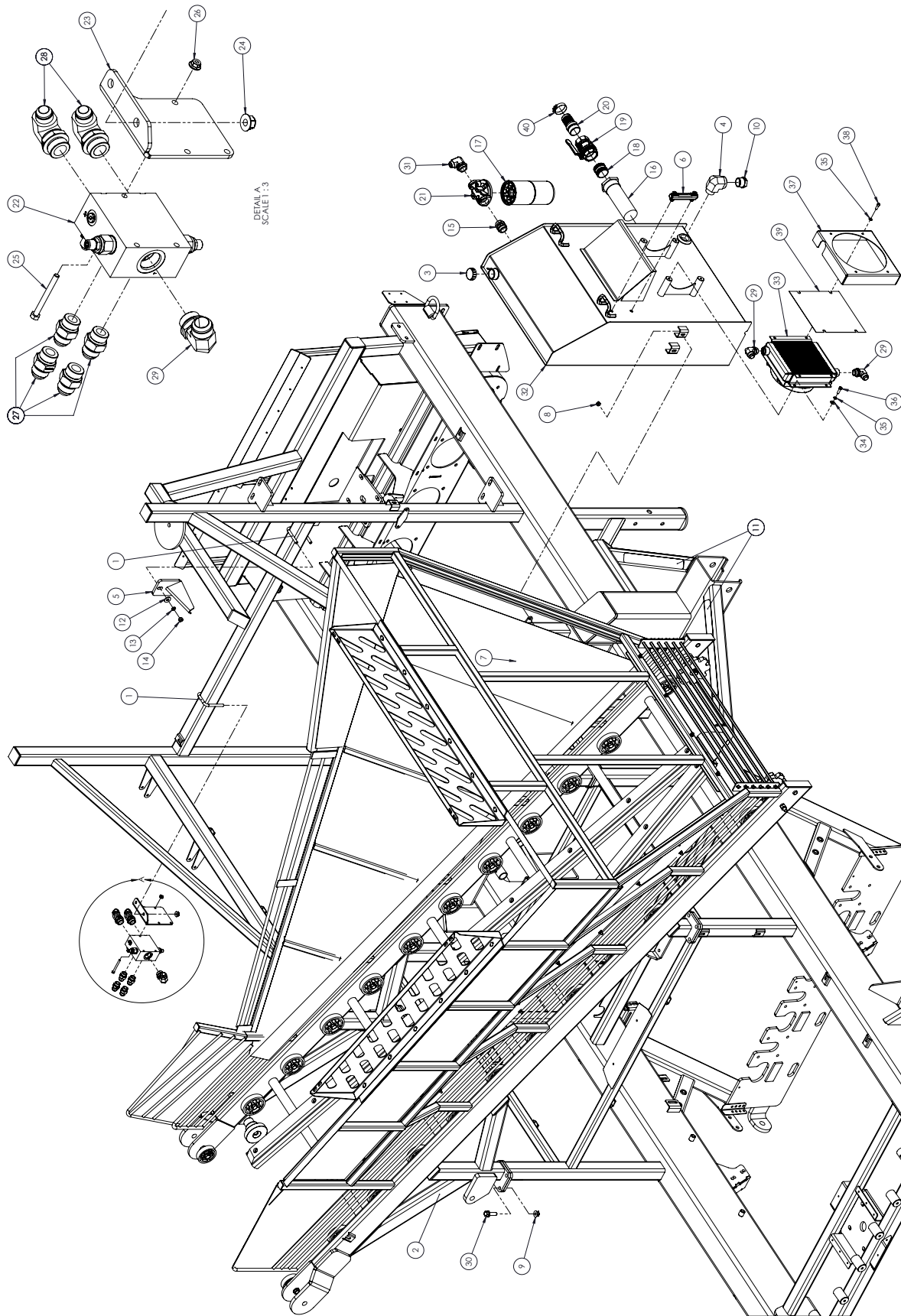
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	020430	WASHER, FLAT 5/8 STD	1
2	020440	WASHER, LOCK 5/8	1
3	028330	BOLT, HHCS 5/8-11 X 4-1/2"	1
4	523580	ROLLER, SOLID STEEL	1
5	606120	WELDMENT, FRONT	1

## SHORT CONVEYOR - MULTI-ROLLER ASSEMBLY, 599900



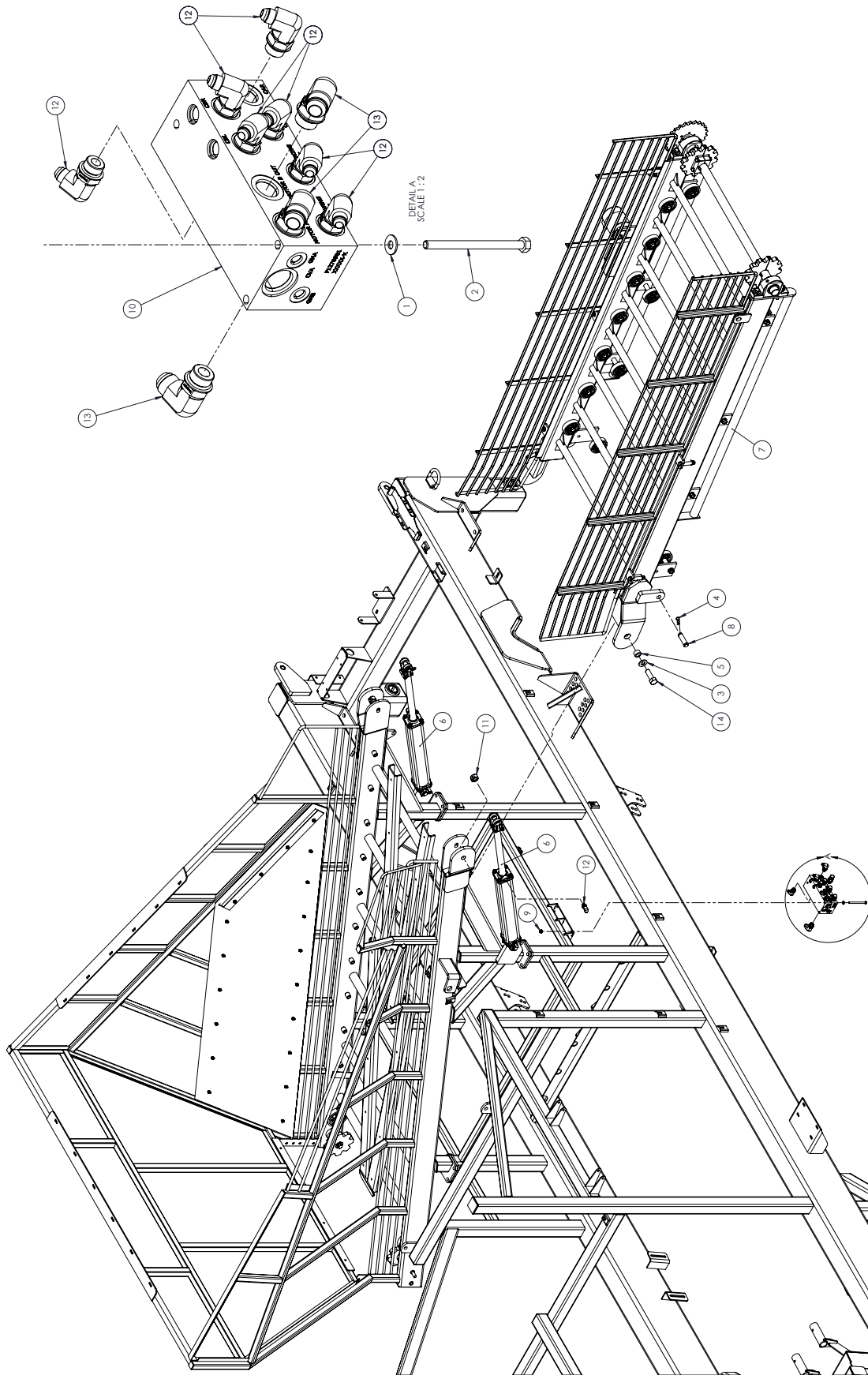
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	020430	WASHER,FLAT 5/8 STD	1
2	387680	BOLT, HHCS 5/8-11X7 GR8	1
3	532770	SPACER,STEEL, .681D X 2.94	1
4	595650	CONVEYOR ROLLER	4
5	598700	ROLLER MOUNT	1
6	600150	NUT, HFH NYLOC	4
7	600360	BOLT, HFH 5/8-11	3
8	R66183	TUBE, SPACER	3

BEET & HYDRAULIC TANK ASSEMBLY



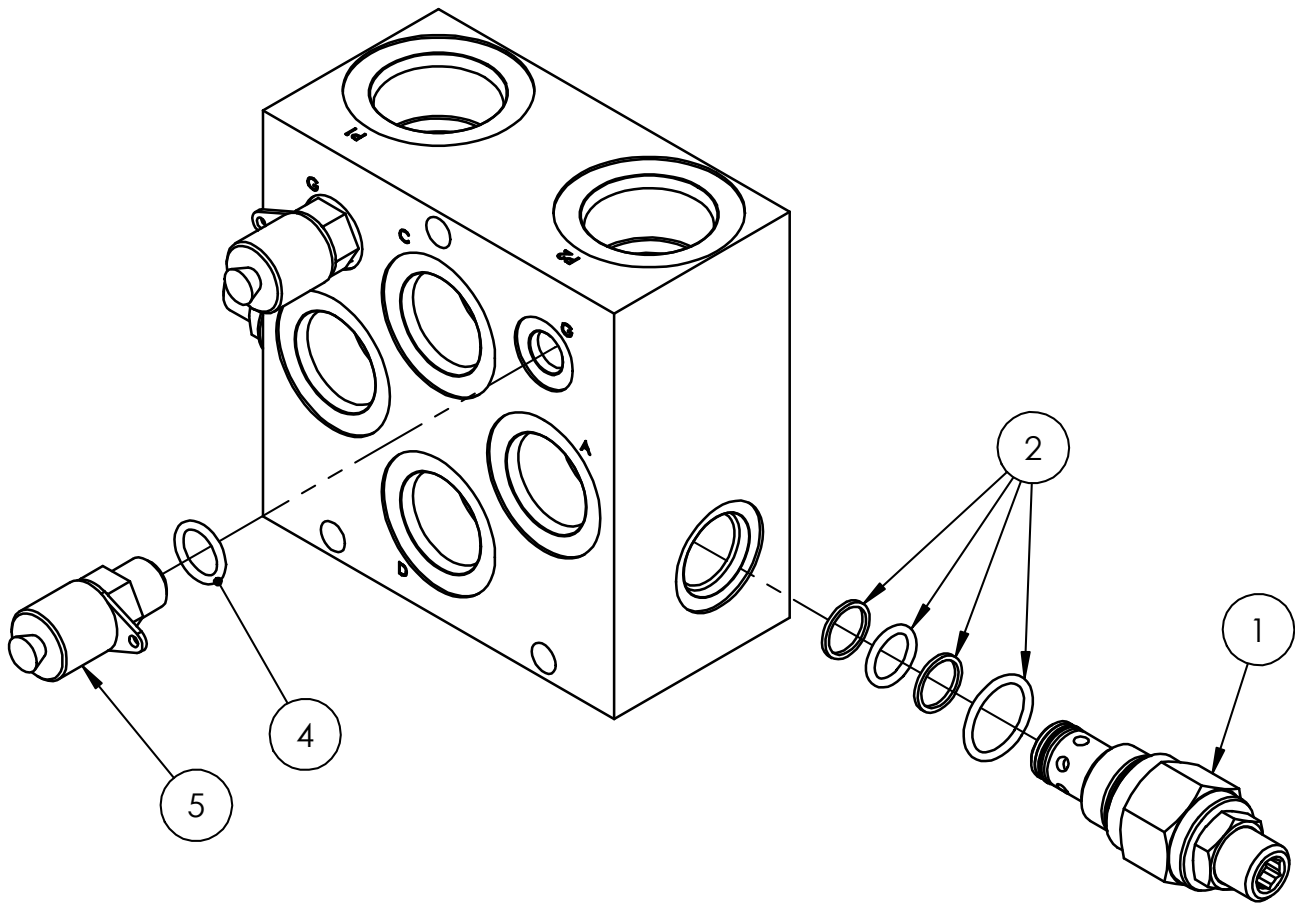
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	468370	BOLT, U 1/2-13 X 2.06 X 4.25	2
2	527190	BEET TANK ASM	1
3	601490	CAP, HYDRAULIC	1
4	595220	FITTING, HYD 90° STREET	1
5	596660	CAP GUARD WLDT	1
6	596790	GAUGE, SIGHT/TEMP	1
7	600050	BOLT, HFH 3/8-16 X 1.00"	4
8	600120	NUT, HFH NYLOC 3/8-16	4
9	600150	NUT, HFH NYLOC 5/8-11	9
10	G213193	FITTING, HYD PLUG	1
11	117720	TAPE, ANTI SKID	4
12	005200	WASHER, FLAT 1/2 STD	2
13	005370	WASHER, LOCK 1/2	2
14	005360	NUT, HEX 1/2-13	2
15	606090	FITTING, HYD STRAIGHT	1
16	530620P	SUCTION STRAINER	1
17	606200	ELEMENT, HYD. OIL FILTER	1
18	601170	FITTING, CLOSE NIPPLE	1
19	601160	VALVE, 2" BALL	1
20	601190	FITTING, HYD STRAIGHT	1
21	606080	HEAD, RETURN FILTER	1
22	601100	VALVE ASSEMBLY	1
23	602230	BRACKET, DUAL RELIEF	1
24	600140	NUT, HFH NYLOC 1/2-13	2
25	E672388	BOLT, HHCS 5/16-18 x 3-1/4"	3
26	600110	NUT, HFH NYLOC 5/16-18	3
27	MP09.74127	FITTING, HYD STRAIGHT	4
28	506540	FITTING, HYD 90°	2
29	530160	FITTING, HYD 90°	3
30	600540	BOLT, HFH 5/8-11 X 2"	9
31	605570	FITTING, HYD 90°	1
32	615450	TANK, HYD	1
33	612510	COOLER, HYDRAULIC OIL	1
34	021190	WASHER, FLAT 3/8 STD	4
35	021180	WASHER, LOCK 3/8	8
36	006690	BOLT, HHCS 3/8-16 X 1-1/4	4
37	615525	SHROUD, OIL COOLER	1
38	613320	BOLT, SHCS 3/8-16	4
39	612522	SCREEN, OIL COOLER	1
40	601180	HOSE CLAMP	1

BOOM ASSEMBLY



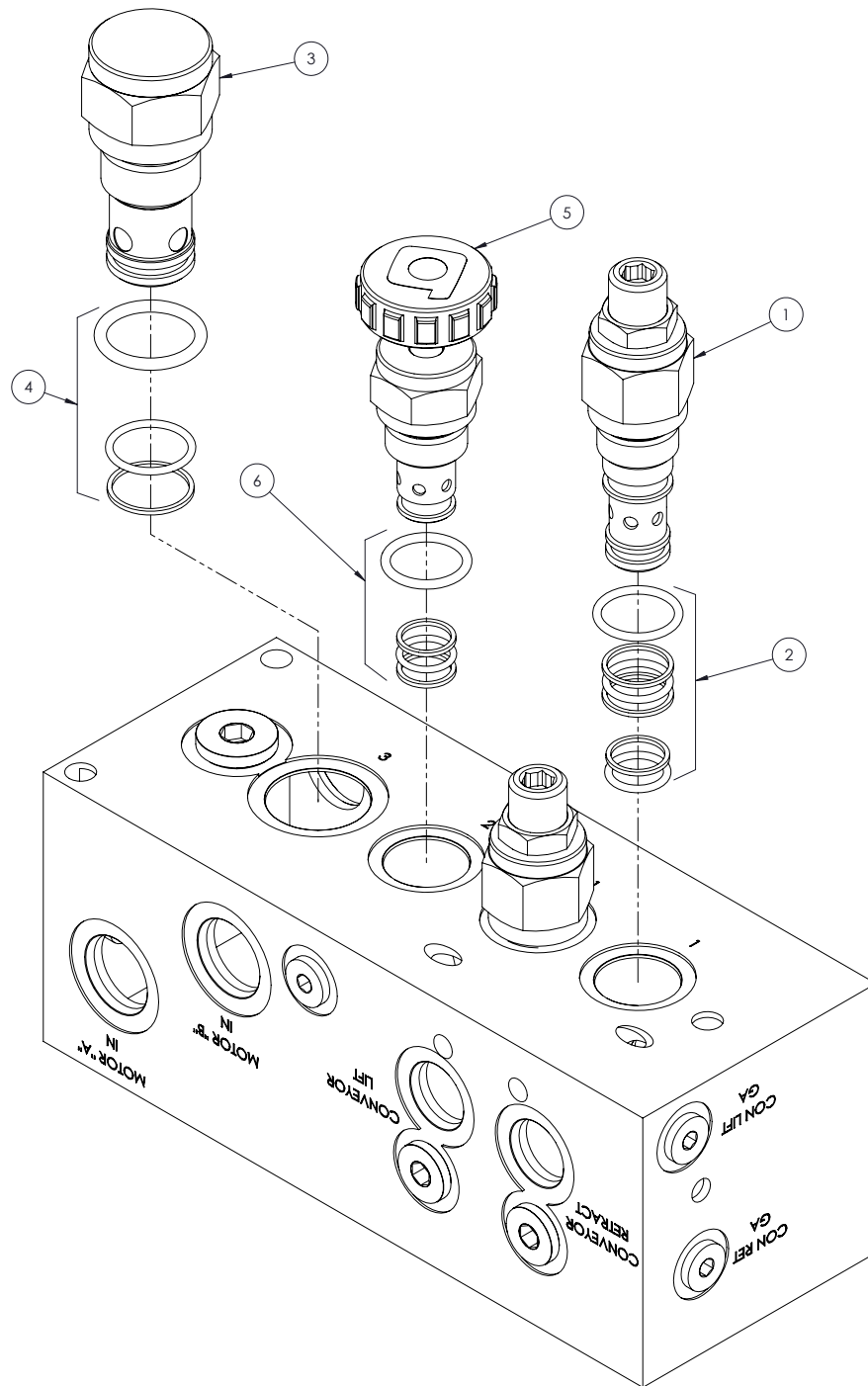
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	023260	WASHER, FLAT 1/4 STD	3
2	028200	BOLT, HHCS 5/16-18 X 5"	3
3	042180	WASHER, FLAT 1 X 2 X 3/16	2
4	051670	HAIRPIN, .148 X 2-11/16	4
5	524040	BUSHING, ELEVATOR PIVOT	2
6	525330	CYLINDER, HYD 3 X 20	2
7	561110	CONVEYOR ASSEMBLY	1
8	596860	PIN, CLEVIS	4
9	600110	NUT, HFH NYLOC 5/16-18	3
10	601280	MANIFOLD, HYD	1
11	990510	NUT, LOCK 2-WAY 1-8	2
12	I2185128	FITTING, HYD 90°	12
13	MP907670	FITTING, HYD 90°	4
14	R66338	BOLT, HHCS 1-8 X 3"	2

**VALVE ASSEMBLY, DUAL RELIEF**



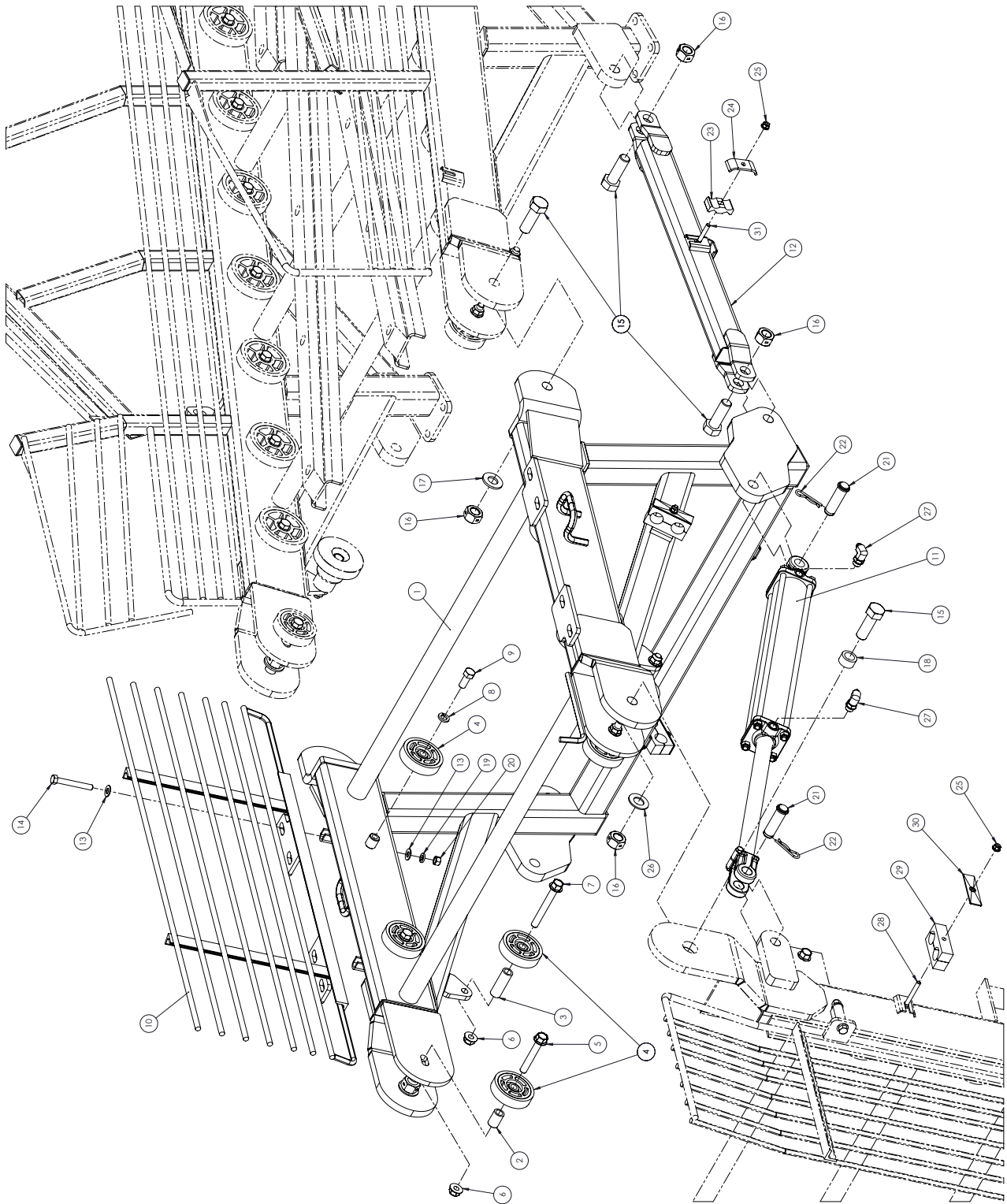
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	601110	VALVE, RELIEF	2
2	601430	KIT, SEAL	1
3	601330	FITTING, HYD	2
4	601340	O-RING	1

VALVE ASSEMBLY, CONTROL MANIFOLD



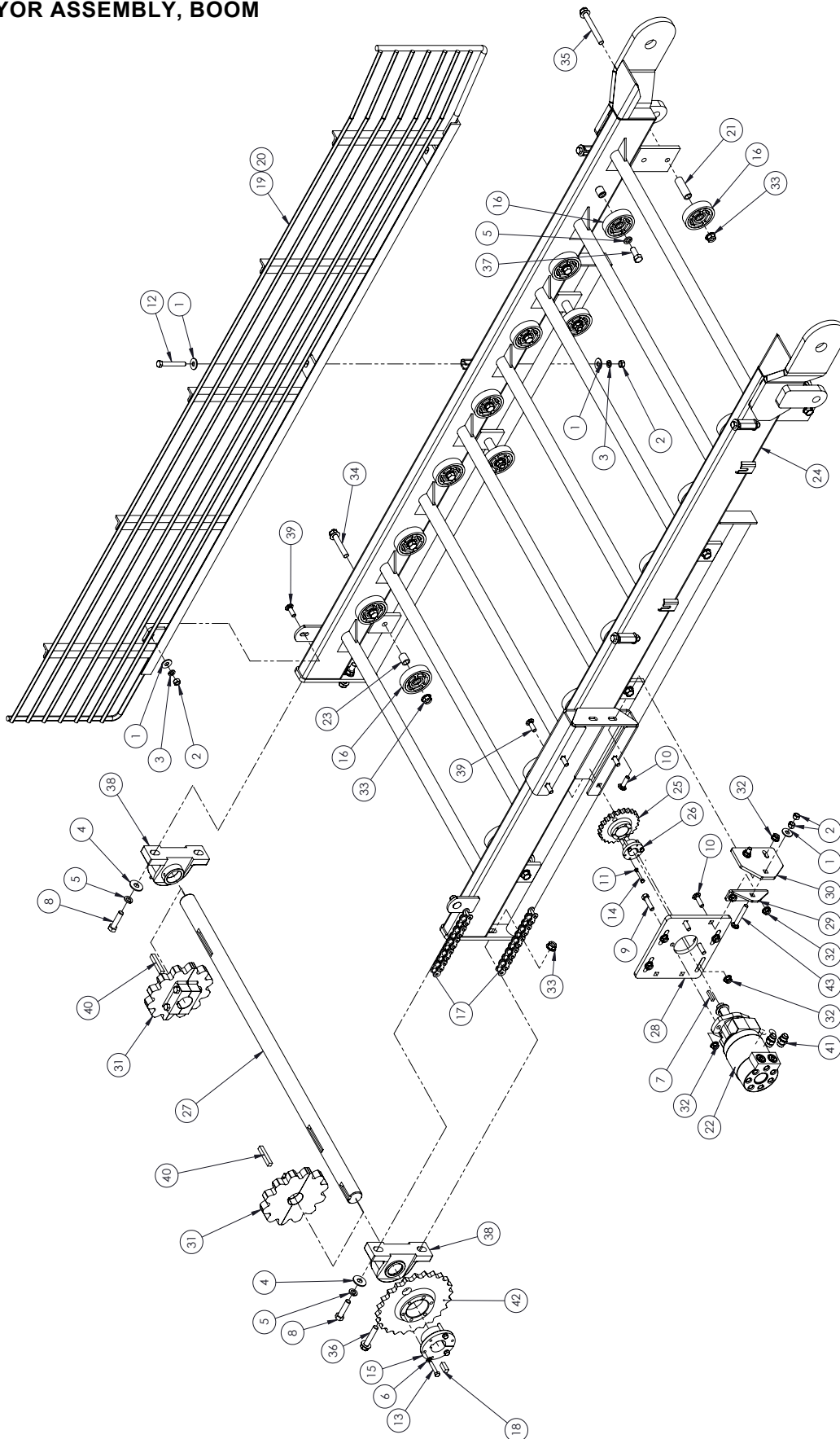
ITEM NO.	PARTNUMBER	DESCRIPTION	QTY.
1	601390	COUNTER BALANCE VALVE	2
2	601395	KIT, SEAL	1
3	601370	CHECK VALVE	1
4	601375	KIT, SEAL	1
5	601380	VALVE, CARTRIDGE	1
6	601385	KIT, SEAL	1

BOOM EXTENSION ASSEMBLY - (OPTIONAL)



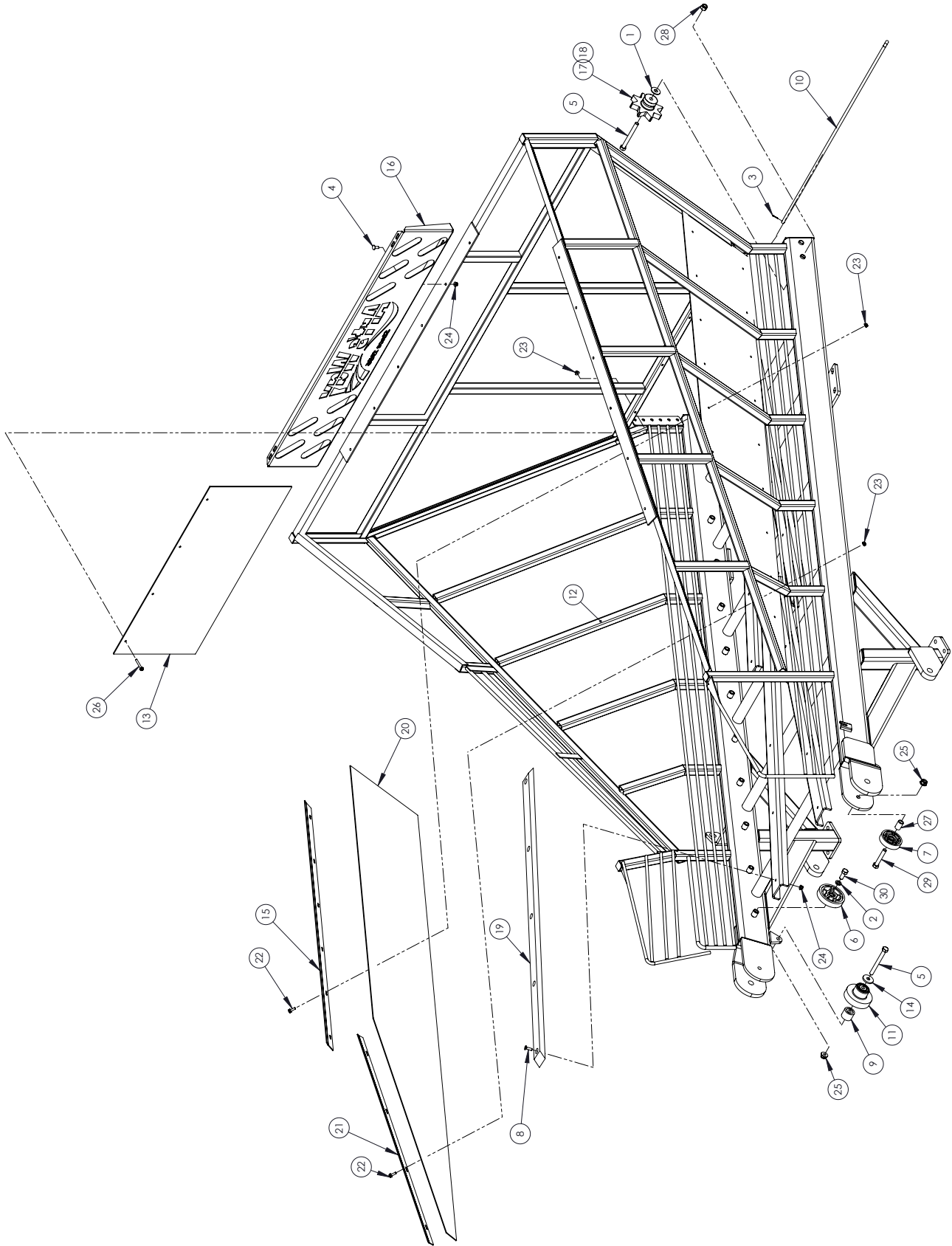
ITEM NO.	PARTNUMBER	DESCRIPTION	QTY.
1	524010	BOOM EXTENSION WLDT	1
2	E724252	SPACER	2
3	532770	SPACER,STEEL	2
4	343280	ROLLER, RUBBER 4" DIA	8
5	600360	BOLT, HFH 5/8-11 X 4"	2
6	600150	NUT, HFH NYLOC 5/8-11	4
7	600410	BOLT, HFH 5/8-11 X 5"	2
8	020440	WASHER, LOCK 5/8	4
9	990610	BOLT, HHCS 5/8-11 X 1-1/2"	4
10	530540	GRATE WLDT,	2
11	525330	CYLINDER, 3" X 20" DOUBLE ACTING HYD.	2
12	524100	EXTENSION ARM	2
13	005200	WASHER, FLAT 1/2 STD	8
14	031870	BOLT, HHCS 1/2-13 X 3-3/4"	4
15	R66338	BOLT, HHCS 1-8 X 3"	8
16	990510	NUT, LOCK 2-WAY 1-8	8
17	042180	WASHER, FLAT 1 x 2 x 3/16	2
18	524040	BUSHING, ELEVATOR PIVOT	2
19	005370	WASHER, LOCK 1/2	4
20	005360	NUT, HEX 1/2-13	4
21	596860	PIN, CLEVIS	4
22	051670	HAIRPIN, .148 X 2-11/16	4
23	527700	CLAMP, HOSE	2
24	527680	BAR, HOSE CLAMP	2
25	600120	NUT, HFH NYLOC 3/8-16	18
26	1107389	WASHER, FLAT 1 SAE	2
27	I2185128	FITTING, HYD 90°	4
28	033430	BOLT, CRG 3/8-16 x 3"	16
29	605510	CLAMP, HYD HOSE	16
30	605520	COVER, HOSE CLAMP	16
31	117550	BOLT, CRG 3/8-16 x 2-3/4"	2

CONVEYOR ASSEMBLY, BOOM



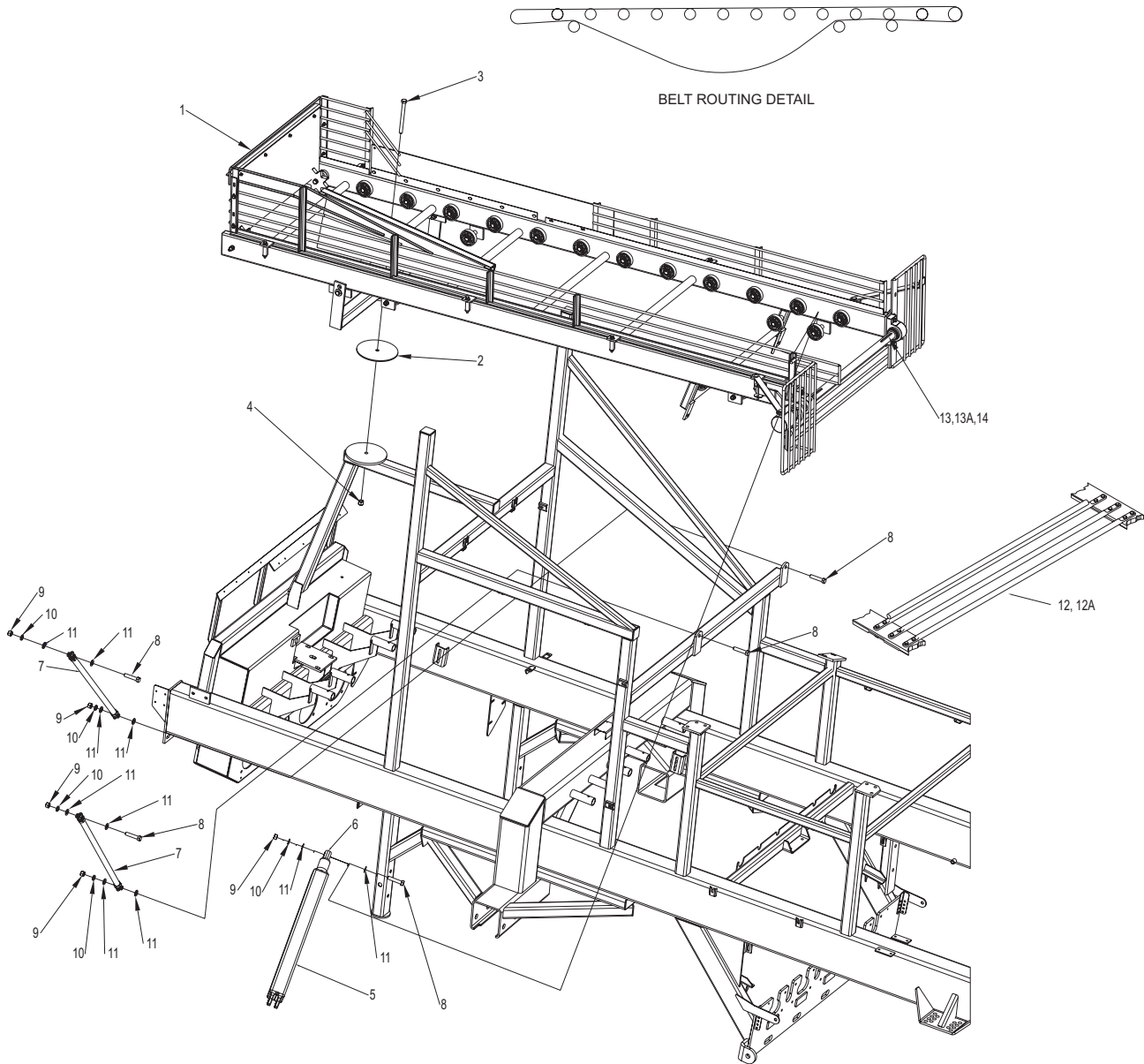
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005200	WASHER, FLAT 1/2 STD	11
2	005360	NUT, HEX 1/2-13	8
3	005370	WASHER, LOCK 1/2	6
4	020430	WASHER, FLAT 5/8 STD	2
5	020440	WASHER, LOCK 5/8	16
6	021180	WASHER, LOCK 3/8	3
7	021630	KEY,SQUARE 5/16 X 1-1/2"	1
8	023110	BOLT, HHCS 5/8-11 X 2-1/2	2
9	023950	BOLT, HHCS 1/2-13 X 2"	2
10	025390	BOLT, CRG 1/2-13 X 1-3/4"	4
11	029440	WASHER, LOCK 1/4 SAE	3
12	031870	BOLT, HHCS 1/2-13 X 3-3/4"	4
13	037790	BOLT, HHCS 3/8-16 X 2	3
14	047000	BOLT, HHCS 1/4-20 X 1-1/2	3
15	251220	BUSHING, QD, SF 2" BORE, 1/2"	1
16	343280	ROLLER, RUBBER 4" DIA	22
17	462400	CHAIN, ROLLER	1
18	525280	KEY, SQUARE 1/2 X 1 1/2	1
19	527220	GRATE WELDMENT, FRONT	1
20	527240	GRATE WELDMENT, FRONT	1
21	532770	SPACER,STEEL	6
22	538500	MOTOR, HYD 20.6 CID #10 SAE, 1.25" SHAFT	1
23	556020	SPACER, 1.0 O.D. X .69 I.D. X 1.12	2
24	558630	CONVEYOR WELDMENT	1
25	558640	SPROCKET, H80, 12T	1
26	558650	BUSHING, QD-SH 1.25" BORE	1
27	558660	SHAFT, DRIVE	1
28	558670	PLATE, BOOM MOTOR	1
29	558680	ANGLE, TAKE-UP	1
30	558690	BRACKET, BOLT-ON	1
31	599920	SPROCKET, 50MM	2
32	600140	NUT, HFH NYLOC 1/2-13	10
33	600150	NUT, HFH NYLOC 5/8-11	10
34	600380	BOLT, HFH 5/8-11	2
35	600410	BOLT, HFH 5/8-11 X 5"	6
36	600460	BOLT, HFH 5/8-11	2
37	990610	BOLT, HHCS 5/8-11 X 1-1/2"	14
38	E072358	PB BEARING, 2.0 BORE	2
39	E096046	BOLT, CRG 1/2-13 X 1-1/2	6
40	E388049	KEY, SQUARE 1/2 X 3	2
41	I2185062	FITTING, HYD STRAIGHT	2
42	P99649	SPROCKET SPROCKET, 80SF32 QD	1
43	V061802	BOLT, CRG 1/2-13 X 3-1/2	1

TANK ASSEMBLY



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	020430	WASHER, FLAT 5/8 STD	2
2	020440	WASHER, LOCK 5/8	22
3	023090	PIN, COTTER 3/32 X .75	6
4	170530	BOLT, CRG 3/8-16 X 1"	12
5	201660	BOLT, HHCS 5/8-11 X 6" GR5 ZN	4
6	247100	ROLLER, RUBBER 5" DIA	22
7	343280	ROLLER, RUBBER 4" DIA	2
8	395840	SCREW, FCHMS 3/8-16X1-1/4 GR5 ZN	20
9	516560	STANDOFF	2
10	522790	ROD, LH SIDE	6
11	523580	ROLLER, SOLID STEEL	2
12	523740	TANK WLDT,	1
13	523950	FLAP, RUBBER ELEV. END	1
14	526490	CAP, ROLLER SEAL	2
15	539580	STRIP, BACKER	1
16	539591	PANEL, HOPPER	2
17	551380	SPROCKET, IDLER 50MM	2
18	551390	SPROCKET, IDLER 56MM	2
19	609320	STRIP, WEAR UHMW 6'	4
20	599860	LINER, 1PC TANK	1
21	599870	STRIP, SHORT BACKER	1
22	600060	BOLT, HFH 5/16-18 X 1"	19
23	600110	NUT, HFH NYLOC 5/16-18	23
24	600120	NUT, HFH NYLOC 3/8-16	32
25	600150	NUT, HFH NYLOC 5/8-11	4
26	600270	BOLT, HFH 5/16-18	4
27	E724252	SPACER	2
28	I19508R1	NUT, LOCK 5/8-11	2
29	I271729	BOLT, HHCS 5/8-11 X 3 1/2 GR5 ZN	2
30	990610	BOLT, HHCS 5/8-11 X 1-1/2"	22

TRANSFER CONVEYOR ASSEMBLY



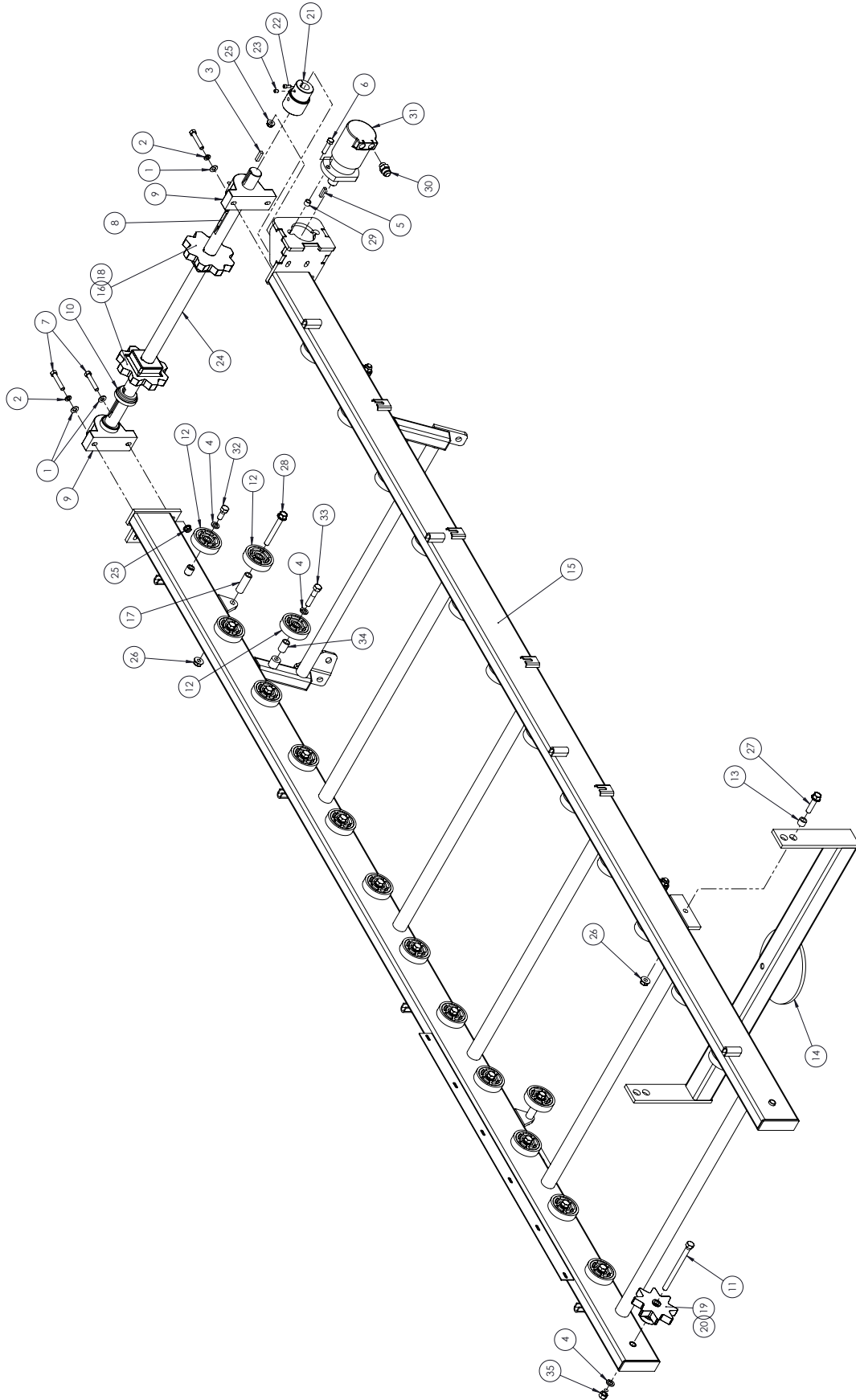
BELT ROUTING DETAIL

SPACING TO CENTER & CLEAR DRAPER CHAIN BELT.

SPROCKET & IDLER SPROCKET DETAIL

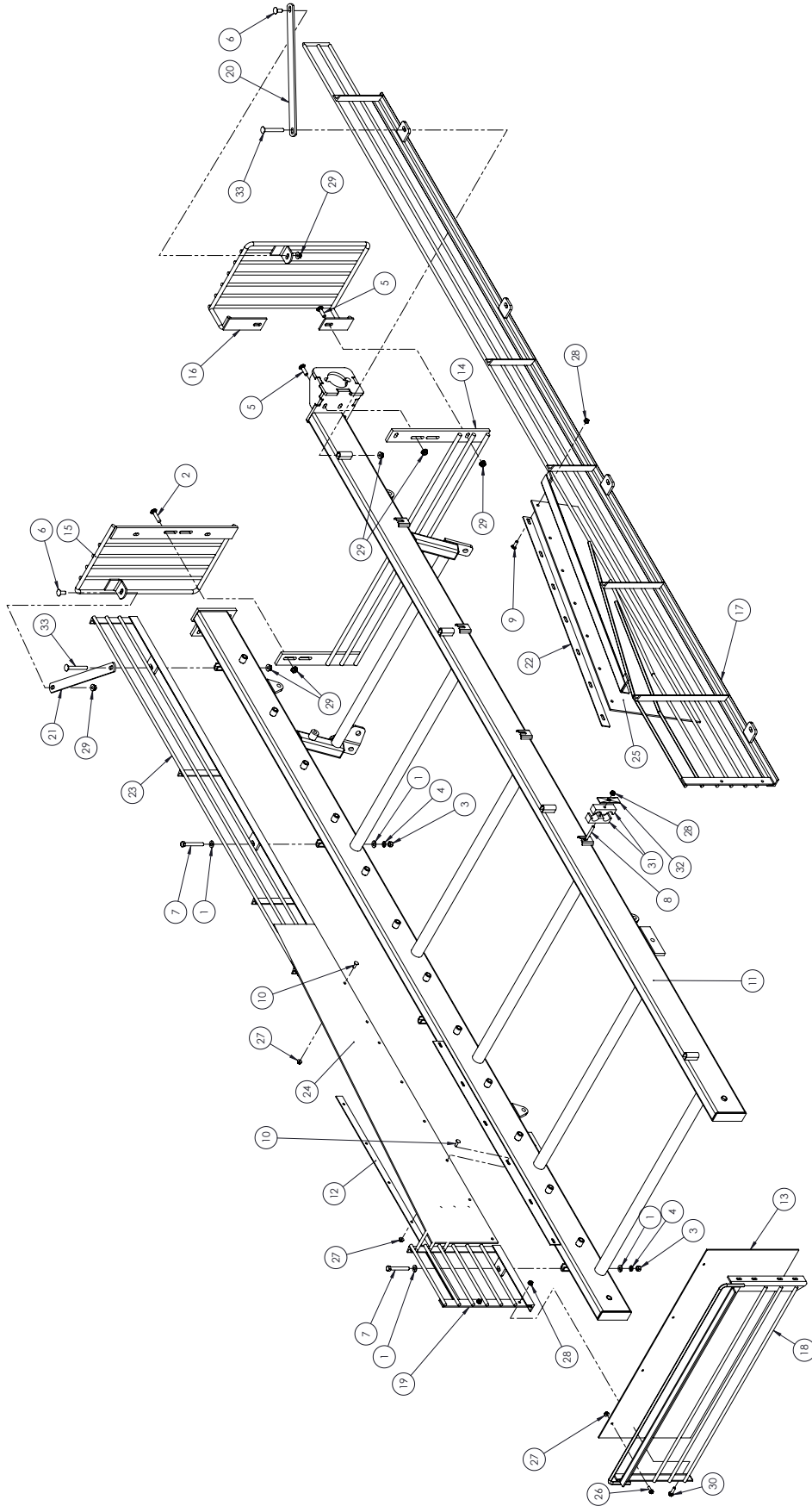
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	527170	CONVEYOR ASSY, TRANSFER	1
2	526430	DISK, PIVOT, WEAR	1
3	991050	BOLT, HHCS 3/4-10 X 8-1/2	1
4	JK40016	NUT, LOCK 3/4-10 GR8 ZN	1
5	601240	CYLINDER, HYD, 3.0 X 30.0	1
6	525360	BALL WLDT, ROD END	1
7	527200	ARM ASSY, PARALLEL	2
7A	525290	* ARM WLDT, PARALLEL (SUB-PART OF ITEM 7)	NA
7B	525310	* BALL WLDT, PARALLEL, RH THREAD (SUB PART OF ITEM 7)	NA
7C	525300	* BALL WLDT, PARALLEL, LH THREAD (SUB-PART OF ITEM 7)	NA
8	990830	BOLT, HHCS 3/4-10 X 3-1/2	5
9	J14H794	NUT, HEX 3/4-10 GR5 ZN	5
10	036800	WASHER, LOCK 3/4	5
11	I131017	WASHER, FLAT 3/4	17
12	522010	CHAIN, BELTED, 50MM X 174	1
		(SEE DRAPER CHAIN SECTION FOR PARTS)	
12A	522020	CHAIN, BELTED, 56MM X 155	1
		(SEE DRAPER CHAIN SECTION FOR PARTS)	
13	533020	SPROCKET, 9T/0.50, 50MM, SPLIT	2
13A	523560	SPROCKET, 8T – 56MM W/O PINS	2
14	167920	KEY, SQ. 3/8 X 2-1/2	2
	I2185128	FITTING, HYD 90°	2

CONVEYOR - UPPER TRANSFER ASSEMBLY 1 [ROLLERS], 527170



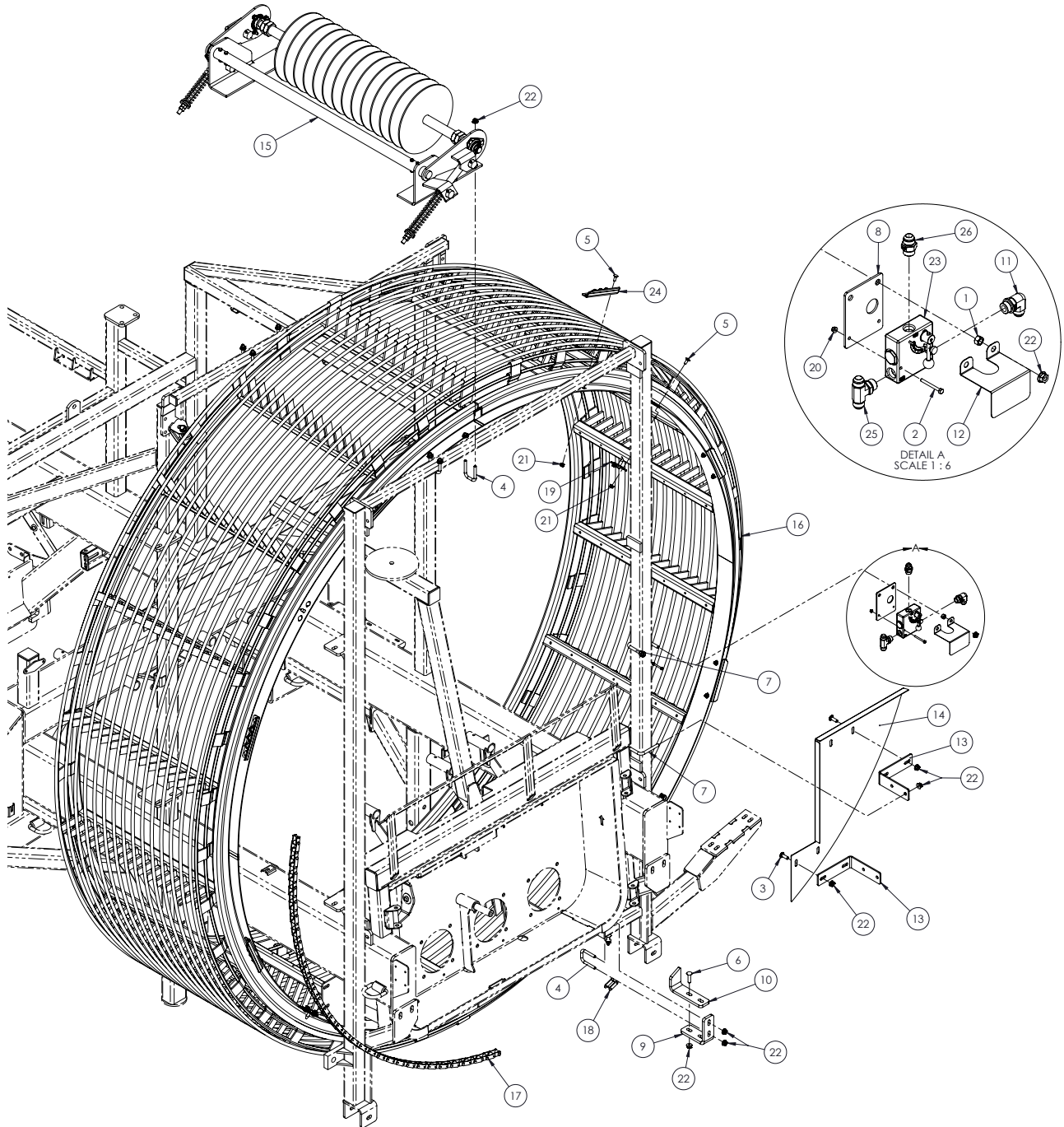
ITEM NO.	PARTNUMBER	DESCRIPTION	QTY.
1	005200	WASHER, FLAT 1/2 STD	4
2	005370	WASHER, LOCK 1/2	2
3	006670	KEY, SQ 3/8 X 1-1/2	1
4	020440	WASHER, LOCK 5/8	28
5	021630	KEY,SQUARE 5/16 X 1-1/2"	1
6	023950	BOLT, HHCS 1/2-13 X 2"	2
7	031580	BOLT, HHCS 1/2-13 X 2-3/4"	4
8	167920	KEY, SQ 3/8 X 2-1/2	2
9	240130	BEARING, PB 1.75	2
10	252500	COLLAR	2
11	262620	BOLT, HHCS 5/8-11 X 8	2
12	343280	ROLLER, RUBBER 4" DIA	30
13	467270	SPACER, .64 ID X 1.00 X .75	2
14	516390	WELDMENT, SWIVEL	1
15	516540	CONVEYOR WELDMENT	1
16	523560	SPROCKET, 56MM	2
17	532770	SPACER,STEEL	4
18	533020	SPROCKET, 50MM	2
19	551380	SPROCKET, IDLER 50MM	2
20	551390	SPROCKET, IDLER 56MM	2
21	581740	COUPLER, STEP 1-3/4 X 1-1/4	1
22	609050	BOLT, SHCS 5/16-18	3
23	120970	SCREW, HSSS 3/8-16 X 1/2"	1
24	582560	SHAFT, 1-3/4 HEAD DRIVE	1
25	600140	NUT, HFH NYLOC 1/2-13	4
26	600150	NUT, HFH NYLOC 5/8-11	6
27	600310	BOLT, HFH 5/8-11 X 2-1/2"	2
28	600410	BOLT, HFH 5/8-11 X 5"	4
29	601680	BUSHING, MOTOR	2
30	605820	FITTING, HYD STRAIGHT	2
31	606950	MOTOR, HYD, 24.7 CID	1
32	990610	BOLT, HHCS 5/8-11 X 1-1/2"	24
33	990650	HBOLT 5/8-11 X 3"	2
34	E724252	SPACER	2
35	I124589	NUT, HEX 5/8-11	2

CONVEYOR - UPPER TRANSFER ASSEMBLY 2 [GRATES], 527170



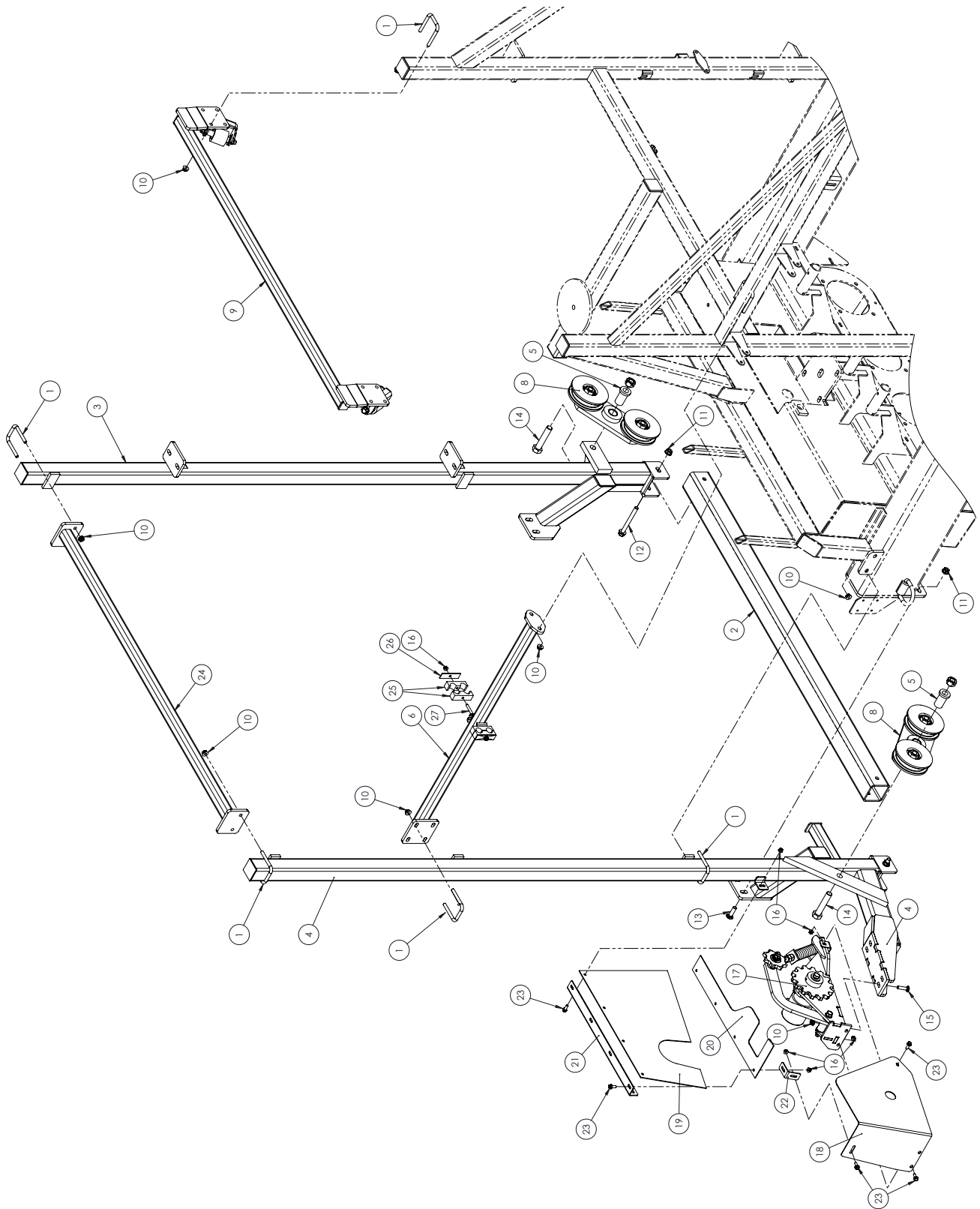
ITEM NO.	PARTNUMBER	DESCRIPTION	QTY.
1	005200	WASHER, FLAT 1/2 STD	12
2	005210	BOLT, CRG 1/2-13 X 2-1/2"	2
3	005360	NUT, HEX 1/2-13	6
4	005370	WASHER, LOCK 1/2	6
5	025390	BOLT, CRG 1/2-13 X 1-3/4"	4
6	030470	BOLT, CRG 1/2-13 X 1-1/4"	2
7	031870	BOLT, HHCS 1/2-13 X 3-3/4"	6
8	033430	BOLT, CRG 3/8-16 X 3"	4
9	035180	BOLT, CRG 3/8-16 X 1-1/4"	7
10	254060	BOLT, CRG 5/16-18 X 1"	7
11	516540	CONVEYOR WELDMENT	1
12	517540	STRAP, INLET FLAP	1
13	523950	FLAP, RUBBER ELEV. END	1
14	527530	GRATE WELDMENT, OUTER	1
15	551850	LH GRATE WELDMENT,	1
16	551860	RH GRATE WELDMENT,	1
17	551880	GRATE, UPPER WELDMENT	1
18	551900	GRATE WLDT, END	1
19	551910	GRATE WELDMENT	1
20	551920	BAR, TIE, RH	1
21	551930	BAR, TIE, LH	1
22	588350	STRIP, BACKER	1
23	590300	GRATE, UPPER WELDMENT	1
24	590370	FLAP, RUBBER, INLET	1
25	595230	FLAP, WHEEL DROP	1
26	600060	BOLT, HFH 5/16-18 X 1"	4
27	600110	NUT, HFH NYLOC 5/16-18	12
28	600120	NUT, HFH NYLOC 3/8-16	15
29	600140	NUT, HFH NYLOC 1/2-13	13
30	600280	BOLT, HFH 3/8-16 X 1-1/4"	4
31	605510	CLAMP, HYD HOSE	4
32	605520	COVER, HOSE CLAMP	4
33	J03H1852	BOLT, CRG 1/2-13 X 4"	2

FERRIS WHEEL ASSEMBLY



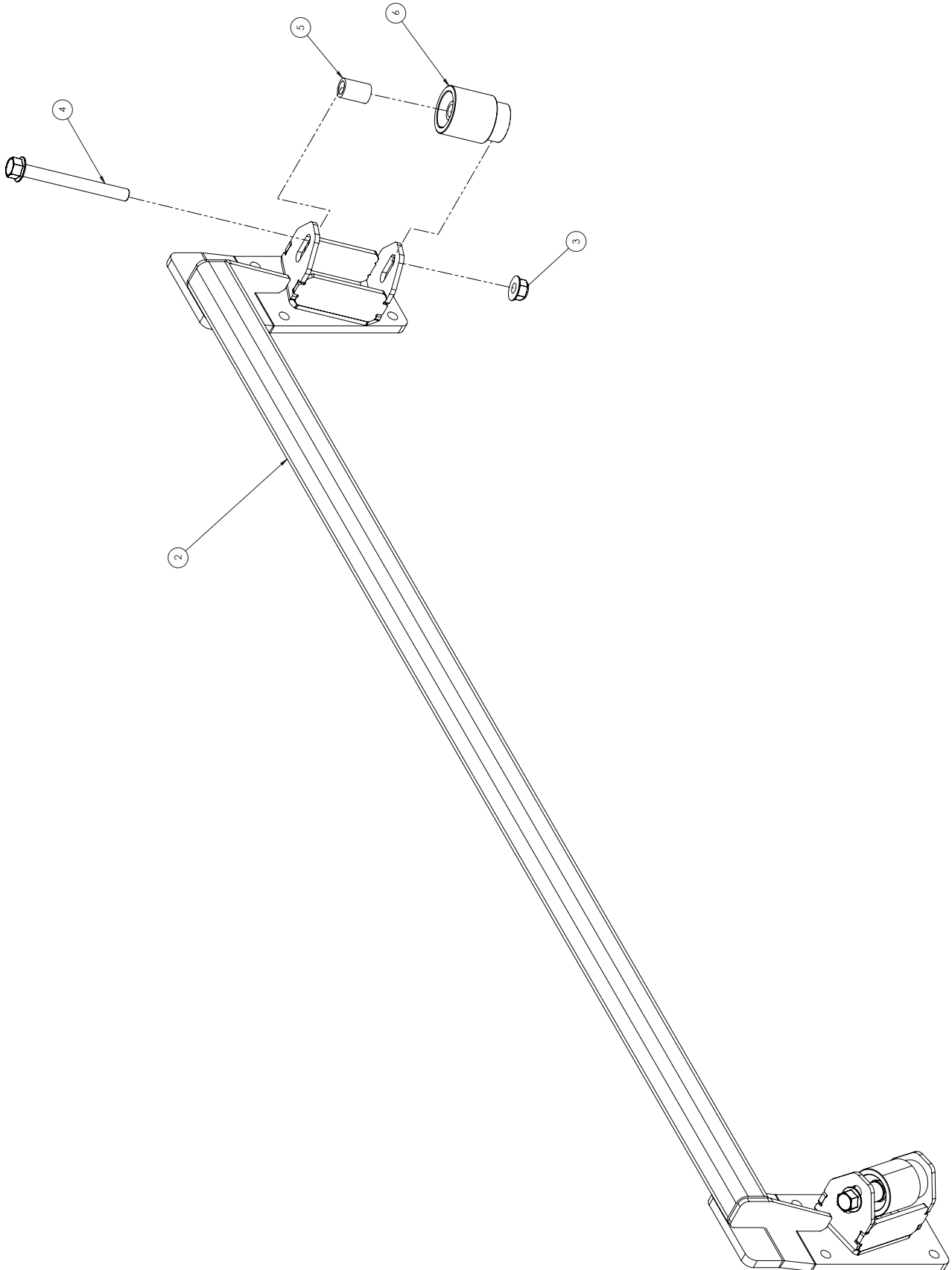
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005360	NUT, HEX 1/2-13	1
2	031560	BOLT, HHCS 1/4-20 X 2-1/2	1
3	156850	BOLT, CRG 1/2-13 X 1-1/2"	4
4	290890	BOLT, U, 1/2-13X2.06X3.25	5
5	387010	BOLT, CRG 3/8-16 X 1" GR5 ZN	24
6	463750	BOLT, CRG 1/2-13 X 2	1
7	468370	BOLT, U 1/2-13 X 2.06 X 4.25	3
8	530030	BRACKET, FLOW CONTROL	1
9	539670	BRACKET, OUTER	1
10	539680	BRACKET, OUTER	1
11	551510P	FITTING, HYD 90°	1
12	552120	COVER, VALVE	1
13	563110	BRACKET, REAR R. SUPPORT	2
14	563150	FILLER, FW R. REAR	1
15	588040	STRIPPER ASSY, 6812	1
16	588100	WHEEL WLDT, FERRIS,	1
17	588930	CHAIN ASSEMBLY	1
18	590860	LINK, CONNECTING	1
19	595100	PIN, FERRIS WHEEL	7
20	600100	NUT, HFH NYLOC 1/4-20	1
21	600120	NUT, HFH NYLOC 3/8-16	24
22	600140	NUT, HFH NYLOC 1/2-13	22
23	601445	VALVE, FLOW CONTROL	1
24	607090	TOOTH WELDMENT	8
25	MP09.74124	FITTING, HYD TEE	1
26	MP09.74127	FITTING, HYD STRAIGHT	1

FERRIS WHEEL - REAR TOWER ASSEMBLY



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	468370	BOLT, U 1/2-13 X 2.06 X 4.25	10
2	532160	TUBE, BUMPER	1
3	538890	VERTICAL SUPPORT	1
4	559900	SUPPORT WELDMENT	1
5	575070	PIVOT, ROLLER ARM	2
6	587940	BRACE WELDMENT	1
8	596620	ROLLER SUB ASM	2
9	596645	SUPPORT, UPPER	1
10	600140	NUT, HFH NYLOC 1/2-13	25
11	600150	NUT, HFH NYLOC 5/8-11	6
12	600220	BOLT, HFH 5/8-11 X 6 GR 8	2
13	990760	BOLT, CRG 5/8-11 X 2-1/4	4
14	991060	BOLT, HHCS 1-8 X 5	2
15	991200	RHSNBOLT 0.5-13X2X2-N	4
16	600120	NUT, HFH NYLOC 3/8-16	14
17	601840	FERRIS WHEEL DRIVE	1
18	601950	SHIELD	1
19	601930	RUBBER FLAP 1	1
20	601940	RUBBER FLAP 2	1
21	601850	MOUNT, FLAPS	1
22	601870	MOUNT, SHIELD	1
23	600050	BOLT, HFH 3/8-16 X 1.00"	12
24	519630	TUBE WLDT, UPPER FW	1
25	605510	CLAMP, HYD HOSE	2
26	605520	COVER, HOSE CLAMP	2
27	033430	BOLT, CRG 3/8-16 X 3"	2
28	990510	NUT, LOCK 2-WAY 1-8	2

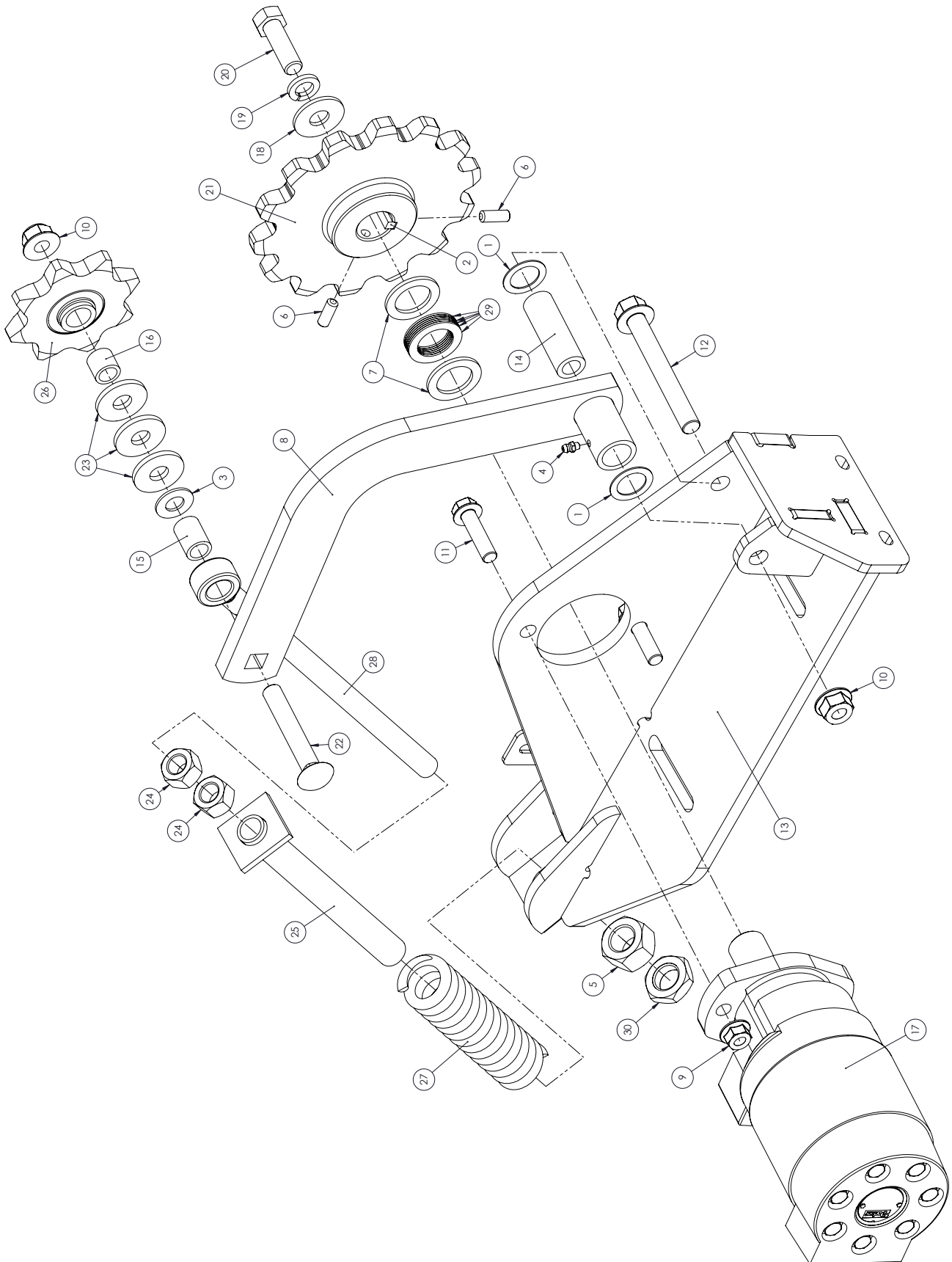
FERRIS WHEEL - REAR TOWER - SUPPORT UPPER ASSEMBLY, 596645



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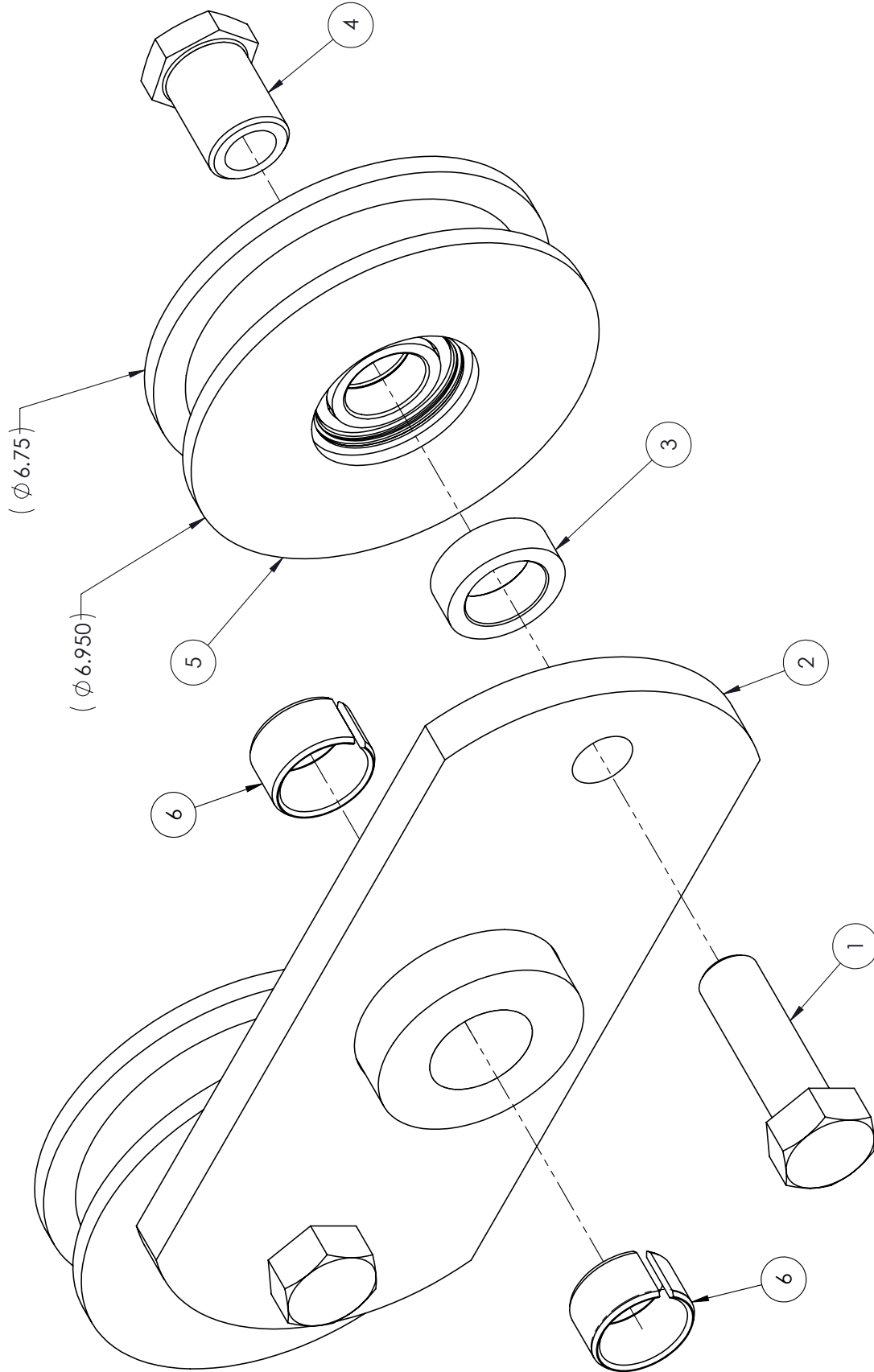
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	020430	WASHER, FLAT 5/8 STD	2
2	534065	WELDMENT, FRONT	1
3	600150	NUT, HFH NYLOC 5/8-11	2
4	600220	BOLT, HFH 5/8-11 X 6 GR 8	2
5	660104	SPACER, ROLLER	2
6	660115	ROLLER, WHEEL SUPPORT	2

FERRIS WHEEL - WHEEL DRIVE MOTOR ASSEMBLY, 601840



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	003370	WASHER, FLAT 1"	2
2	020755	KEY, SQ 5/16 X 15/16	1
3	035210	WASHER, FLAT 5/8	1
4	115590	FITTING, GREASE ZERK STR	1
5	1774107	NUT, HEX 1-14 Gr5 ZN	1
6	218660	SCREW, HSSS 3/8-16 x 3/8	2
7	275880	BUSHING, MACH	2
8	539690	ARM WLDT, PIVOT	1
9	600140	NUT, HFH NYLOC 1/2-13	2
10	600150	NUT, HFH NYLOC 5/8-11	2
11	600240	BOLT, HFH 1/2-13 X 2.00"	2
12	600410	BOLT, HFH 5/8-11 X 5"	1
13	601820	MOTOR MOUNT WLDT	1
14	601960	SPACER, IDLER ARM	1
15	601970	SPACER	1
16	606070	BUSHING, SPROCKET	1
17	606950	MOTOR, HYD 24.7 CID	1
18	020430	WASHER, FLAT 5/8 STD	1
19	020440	WASHER, LOCK 5/8	1
20	213250	BOLT, HHCS 5/8-18	1
21	622350	SPROCKET, 14T	1
22	E096060	RHSNBOLT 0.625-11 X 3.75 GR 5 ZN	1
23	I116991C1	WASHER, FLAT	3
24	J14H794	NUT, HEX 3/4-10 GR5 ZN	2
25	JAN142300	TUBE ASSY	1
26	JAN142341	SPROCKET ASSY, 8T	1
27	JN109877	SPRING, CLUTCH	1
28	JN146355	BOLT, EYE 3/4-10	1
29	MP09.70985	BUSHING, MACH	6
30	V066513	NUT, JAM 1-14	1

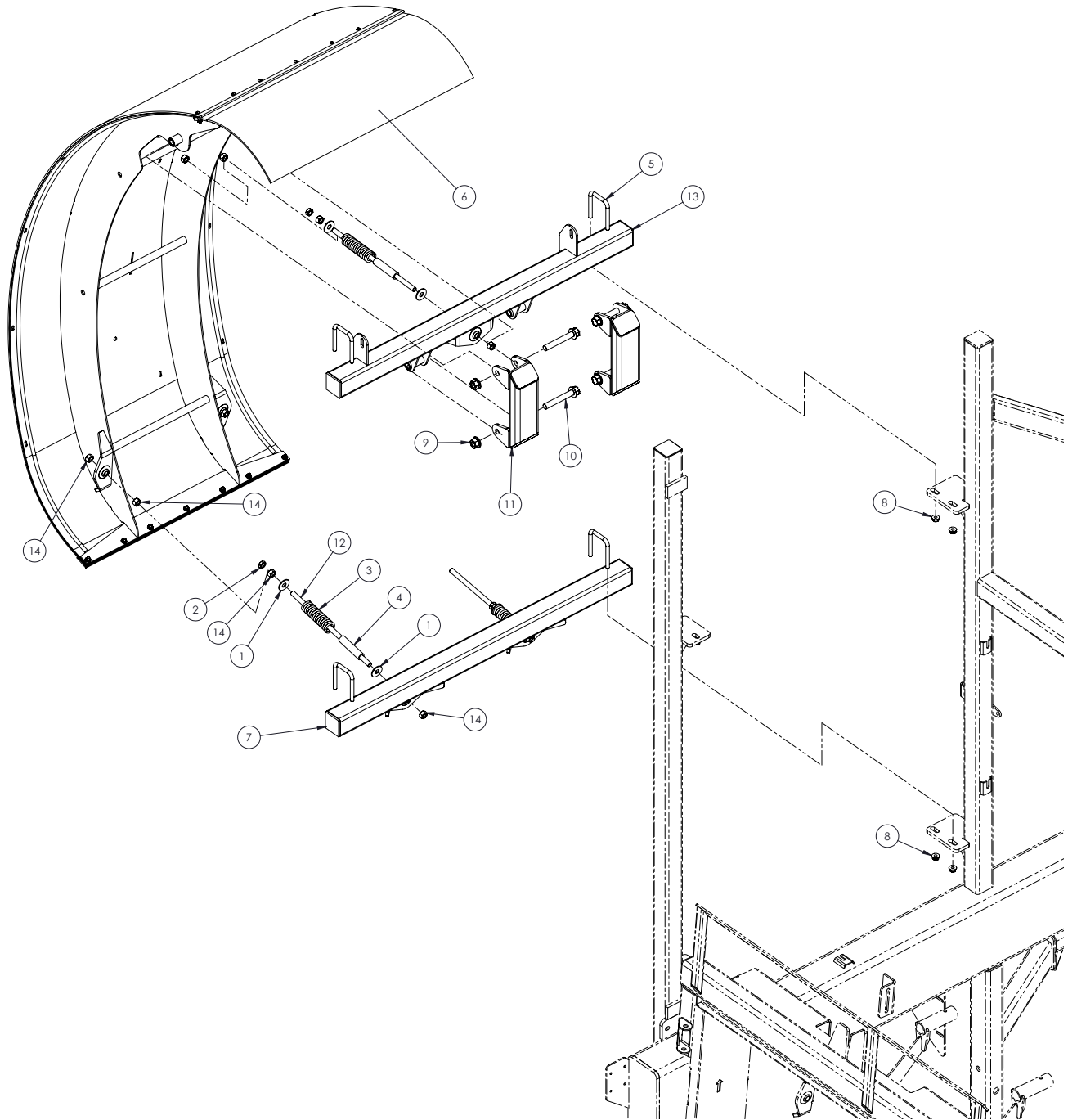
FERRIS WHEEL - ROLLER ASSEMBLY, LOWER, 596620



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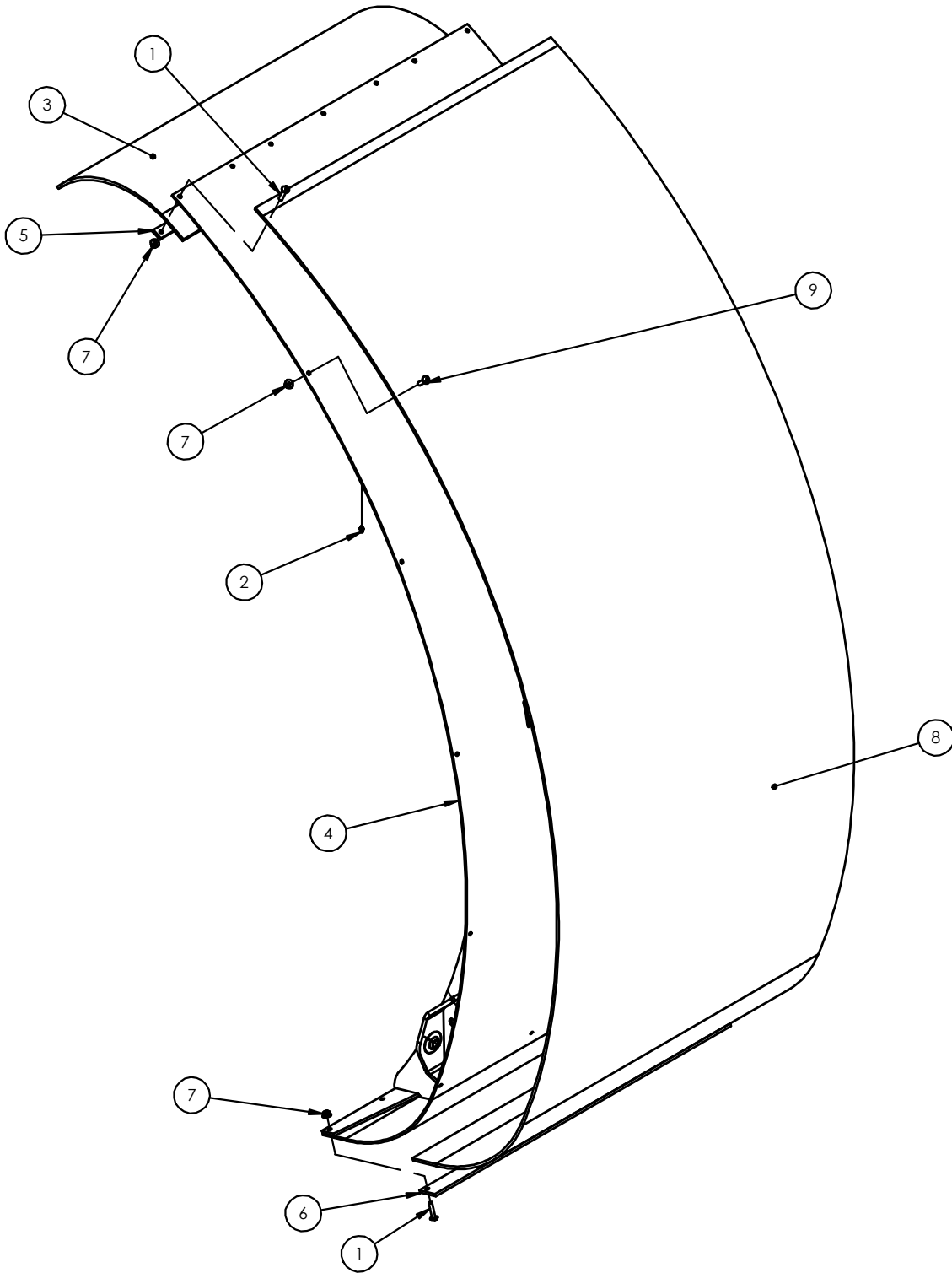
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	268730	BOLT, HHCS 1-8 X 3, GR8	2
2	575050	WELDMENT, WALKING ARM	1
3	609045	SPACER, ROLLER	2
4	621421	NUT, GUIDE WHEEL	2
5	623530	ROLLER ASSY, WHEEL GUIDE	2
6	I337722A1	BUSHING, SPLIT	2

FERRIS WHEEL - RETAINER ASSEMBLY



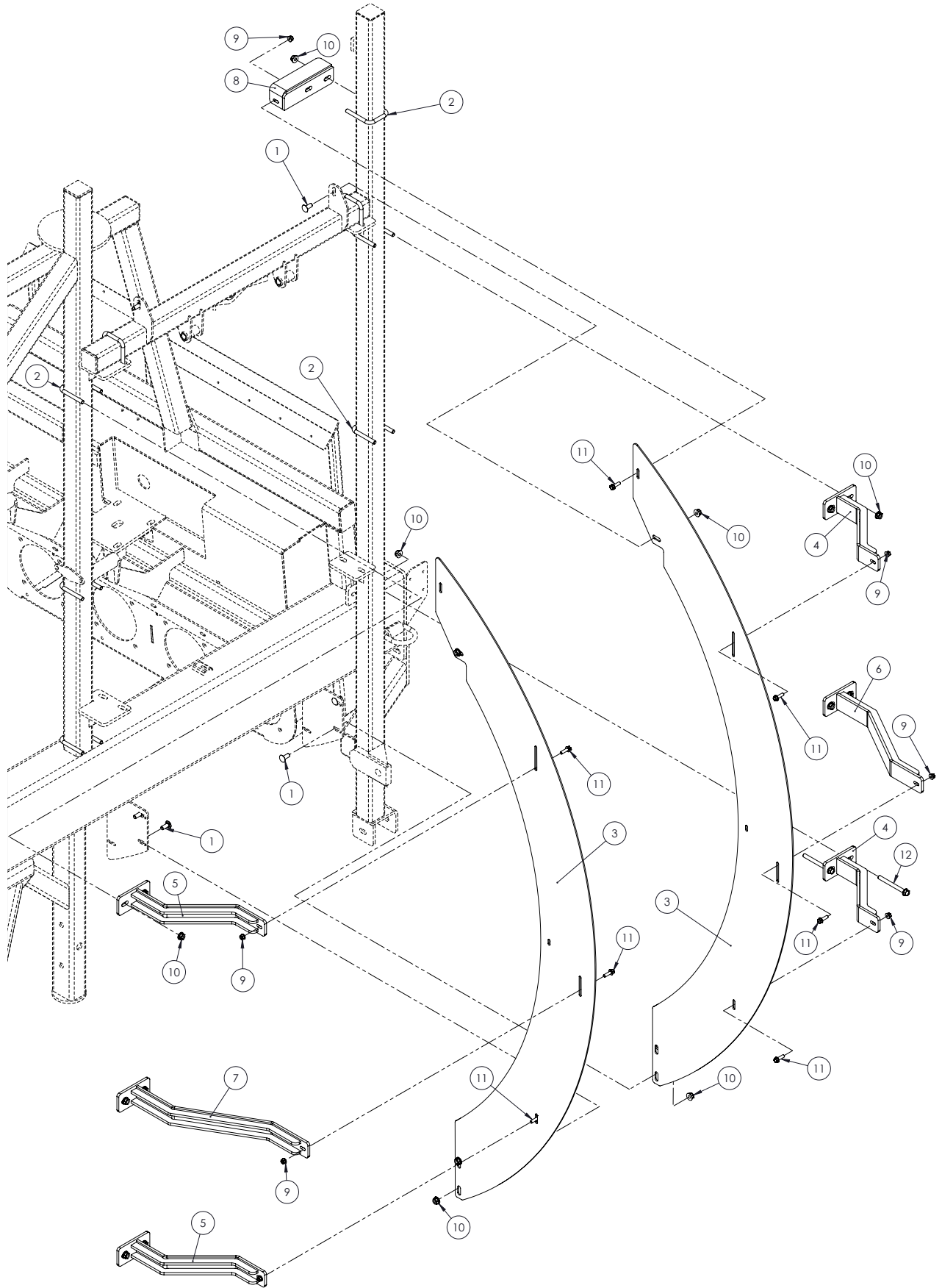
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	020430	WASHER, FLAT 5/8 STD	6
2	1121555	NUT, JAM 5/8-11	3
3	231000	SPRING, COMPRESSION	3
4	239040	SPACER, SPRING	3
5	468370	BOLT, U 1/2-13 X 2.06 X 4.25	4
6	594000	RETAINER ASSEMBLY	1
7	594200	RETAINER MOUNT,	1
8	600140	NUT, HFH NYLOC 1/2-13	8
9	600160	NUT, HFH TOPLOCK 3/4-10	4
10	600440	BOLT, HFH 3/4-10	4
11	622130	SHACKLE WLDT,	2
12	622343	ROD, THREADED	3
13	622920	MOUNT, UPPER	1
14	I124589	NUT, HEX 5/8-11	12

RETAINER ASSEMBLY, 594000 AND 594005



ITEM NO.	PART NUMBER	DESCRIPTION	QTY. (594000)	QTY. (594005)
1	605006	BOLT, BHSCS 5/16-18 X 1-1/2		14
2	115590	FITTING, GREASE		2
3	594060	RETAINER FLAP		1
4	594100	RETAINER WLDT		1
5	594240	LOWER RETAINER BRACE		1
6	594430	LOWER RETAINER BRACE		1
7	600110	NUT, HFH NYLOC		34
8	601660	SHEET, 1/4" PLASTIC, RETAINER	1	-
	601665	SHEET, STAINLESS, RETAINER	-	1
9	605001	BOLT, BHSCS 5/16-18 X 1		20

SIDE RETAINER ASSEMBLY

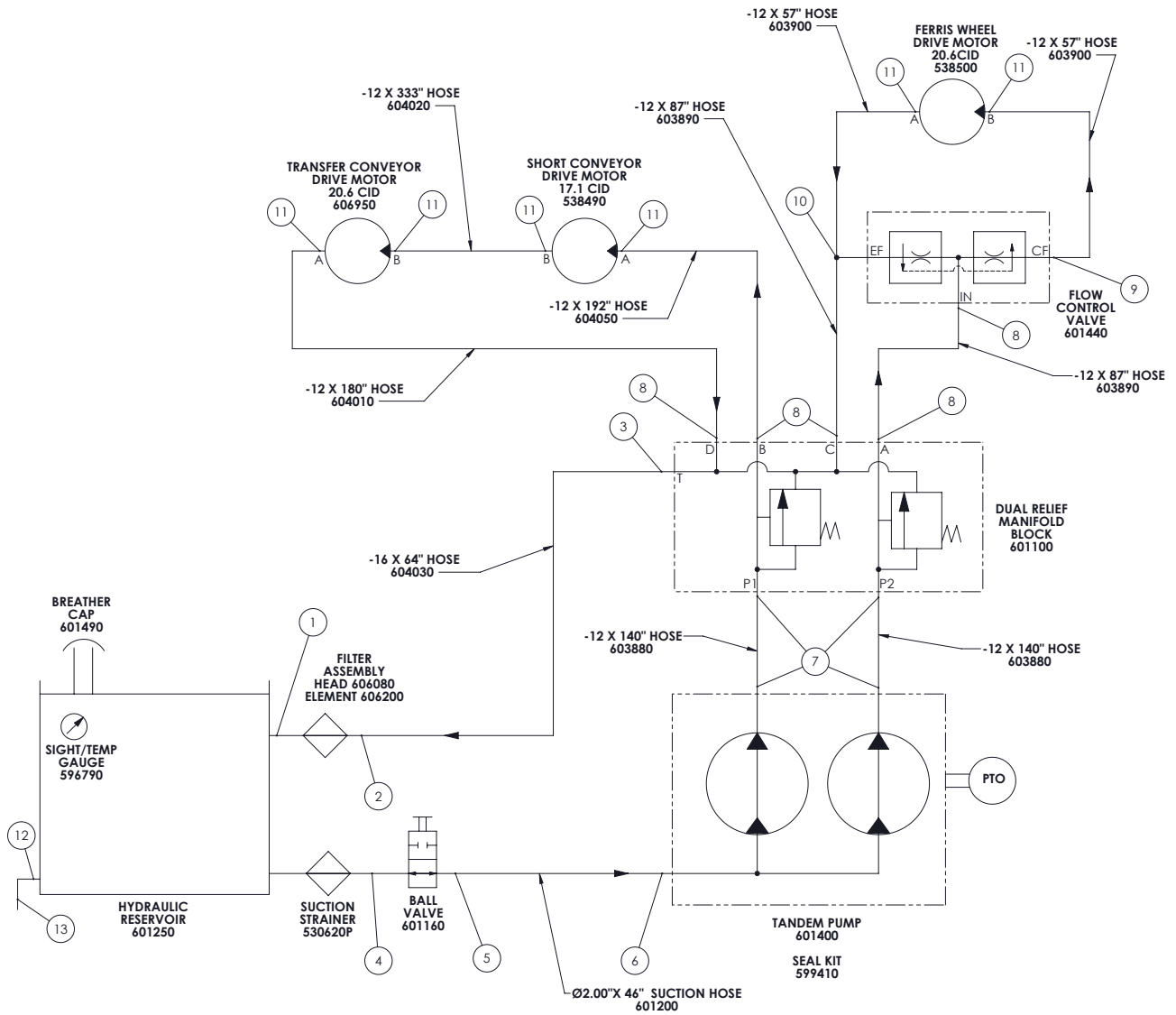


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	030470	BOLT, CRG 1/2-13 X 1-1/4"	6
2	468370	BOLT, U 1/2-13 X 2.06 X 4.25	8
3	594010	RETAINER SHIELD	2
4	598600	SHIELD SUPPORT	2
5	598605	SHIELD SUPPORT	2
6	598650	SHIELD SUPPORT	1
7	598655	SHIELD SUPPORT	1
8	598680	MOUNT WLDT	1
9	600120	NUT, HFH NYLOC 3/8-16	7
10	600140	NUT, HFH NYLOC 1/2-13	24
11	600280	BOLT, HFH 3/8-16 X 1-1/4"	7
12	600450	BOLT, HFH 1/2-13 X 5"	2



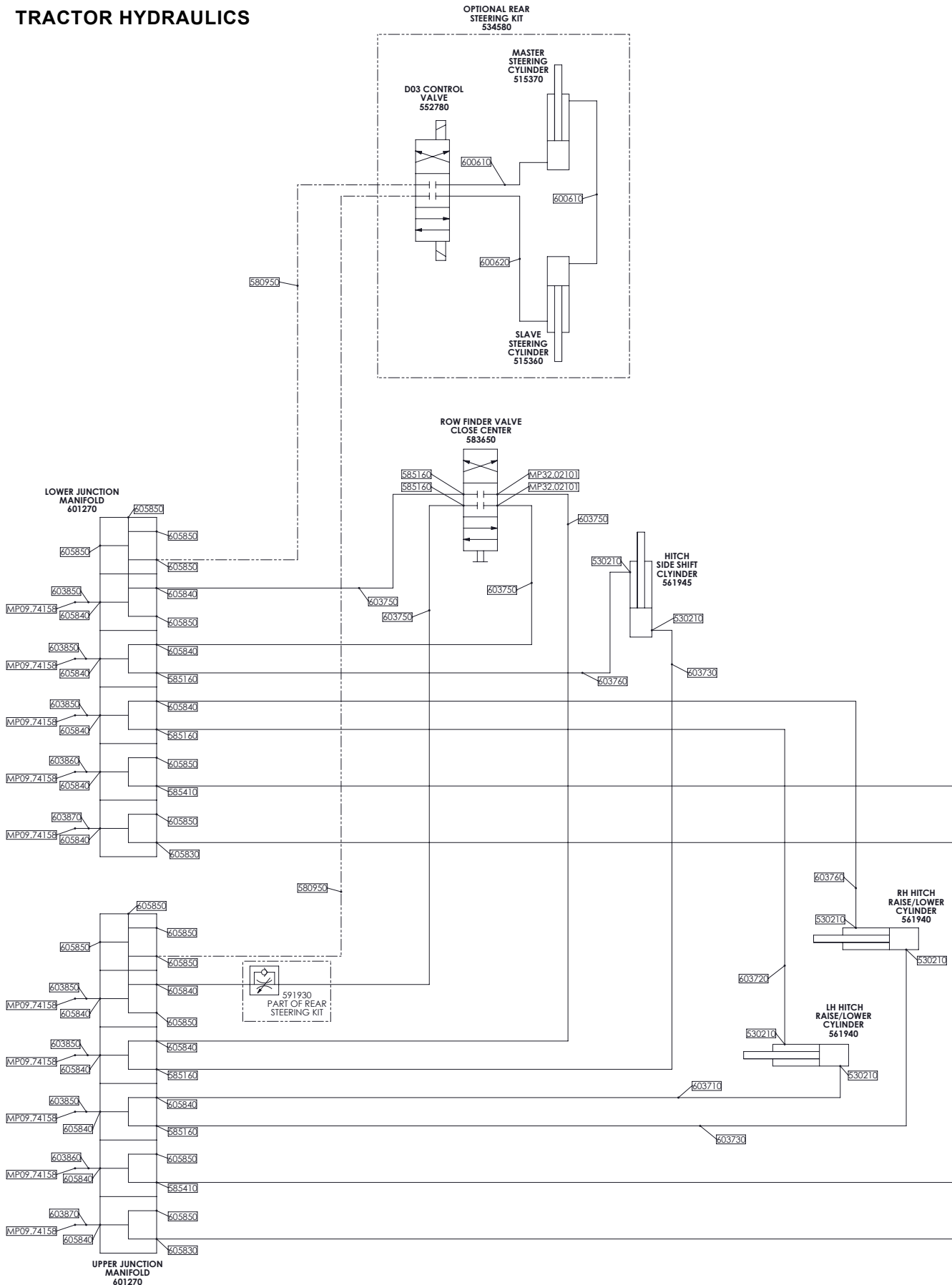
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	609530	NUT, JAM 1 1/2-12	4
2	020430	WASHER, FLAT 5/8 STD	14
3	023060	NUT, LOCK 3/8-16 2 WAY	4
4	037630	BOLT, HHCS 3/8-16 X 2-1/2"	4
5	114370	PIN, COTTER, 1/4" X 2" Z5	8
6	115590	FITTING, GREASE	2
7	340310	WASHER, FLAT	4
8	415140	ARM WLDT, RH	1
9	415150	ARM WLDT, LH	1
10	415160	MOUNT WLDT, RH	1
11	415170	MOUNT WLDT, LH	1
12	415220	PIVOT, CENTER	2
13	415230	PIVOT, CENTER	2
14	462130	TUBE, SPRING STOP	2
15	534410	BOLT WLDT, 5/8-11 X 20.50"	2
16	583340	RING, EXT 1.25 HD SNAP	2
17	588050	TUBE, TORQUE	1
18	600120	NUT, HFH NYLOC 3/8-16	6
19	609291	COLLAR, LOCK	1
20	609292	SCREW, HSSS 3/8-24	1
21	609290	BEARING, BALL	1
22	609350	SHAFT, WHEEL	1
23	609360	SPACER, LONG	2
24	609370	SPACER, SHORT	13
25	609380	DISK	14
26	E281004	FLANGETTE	4
27	I124589	NUT, HEX 5/8-11	4
28	I19612R91	GREASE FITTING, 90 DEG TAP	2
29	I21905R1	WASHER, 21/32 x 1.75 x 1/4	2
30	U52000015	SPRING, COMPRESSION	2
31	021180	WASHER, LOCK 3/8	4
32	J03H1558	BOLT, CRG 3/8-16 X 1-1/2	6

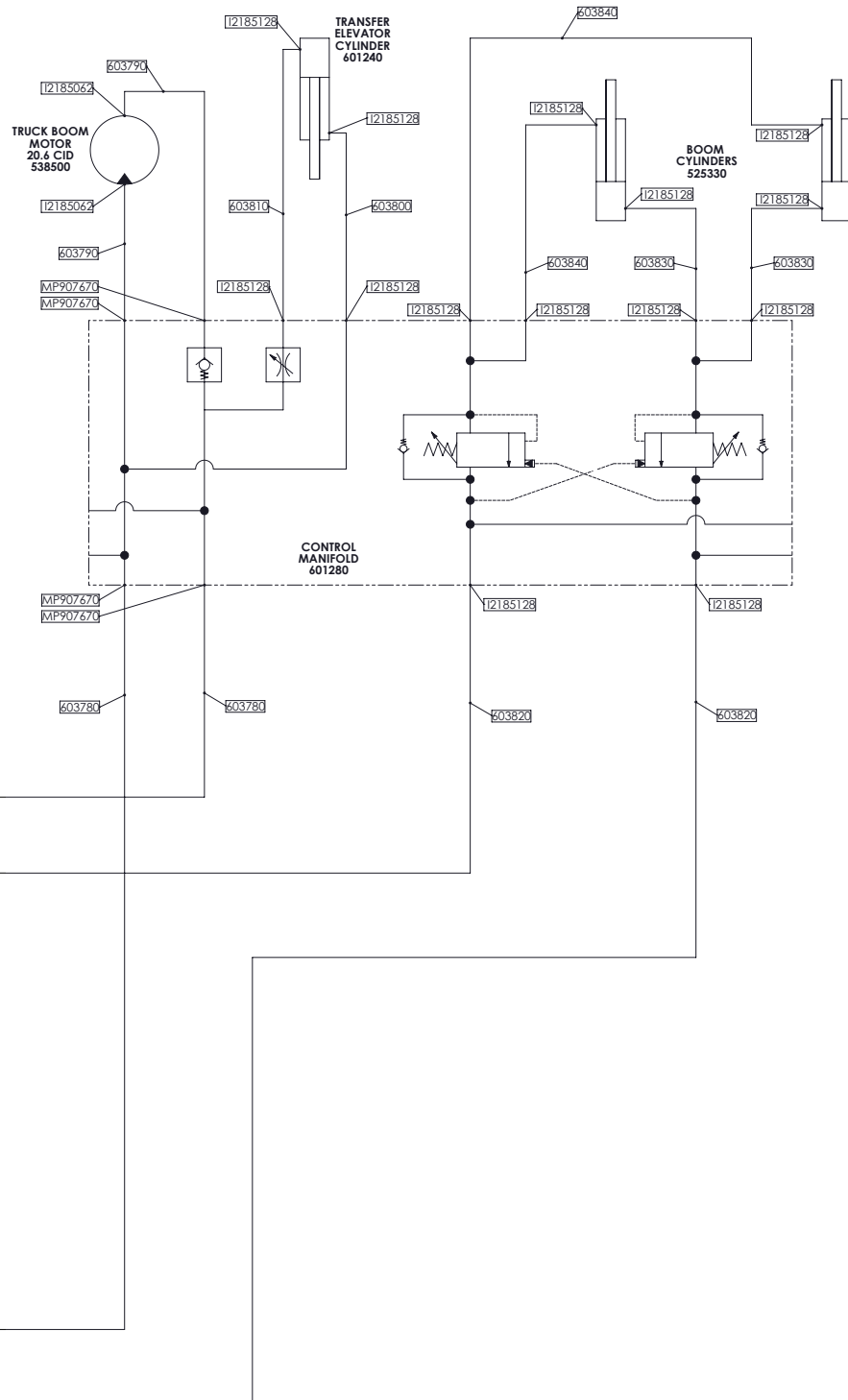
SELF CONTAINED HYDRAULIC CIRCUITS



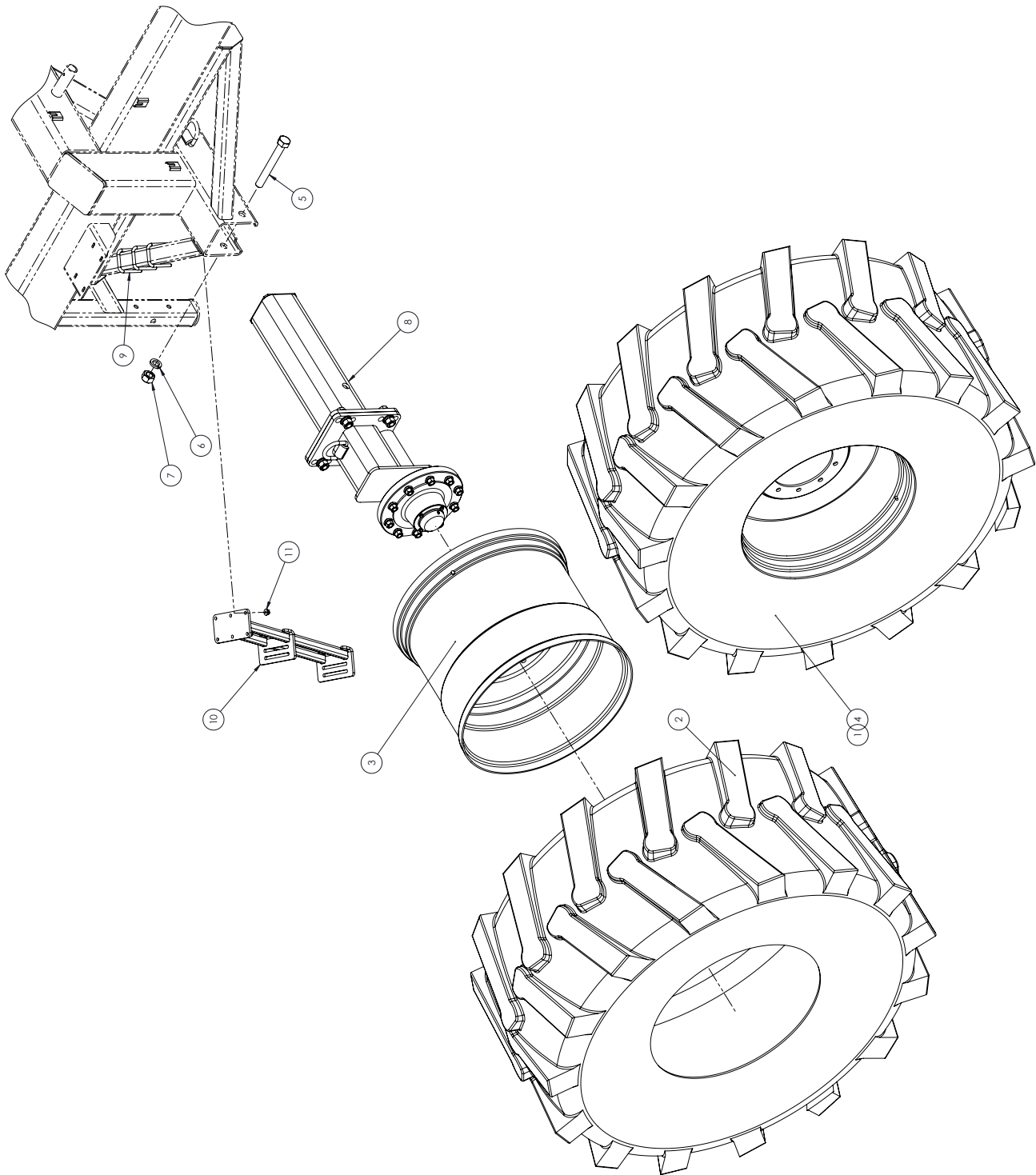
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	606090	FITTING, HYD STRAIGHT	1
2	605570	FITTING, HYD 90°	1
3	530160	FITTING, HYD 90°	1
4	601170	CLOSE NIPPLE	1
5	601190	FITTING, HYD STRAIGHT	1
6	606140	FITTING, HYD 90°	1
7	506540	FITTING, HYD 90°	4
8	MP09.74127	FITTING, HYD STRAIGHT	5
9	551510P	FITTING, HYD 90°	1
10	MP09.74124	FITTING, HYD TEE	1
11	605820	FITTING, HYD STRAIGHT	6
12	595220	FITTING, HYD 90°	1
13	G213193	FITTING, HYD PLUG	1

TRACTOR HYDRAULICS



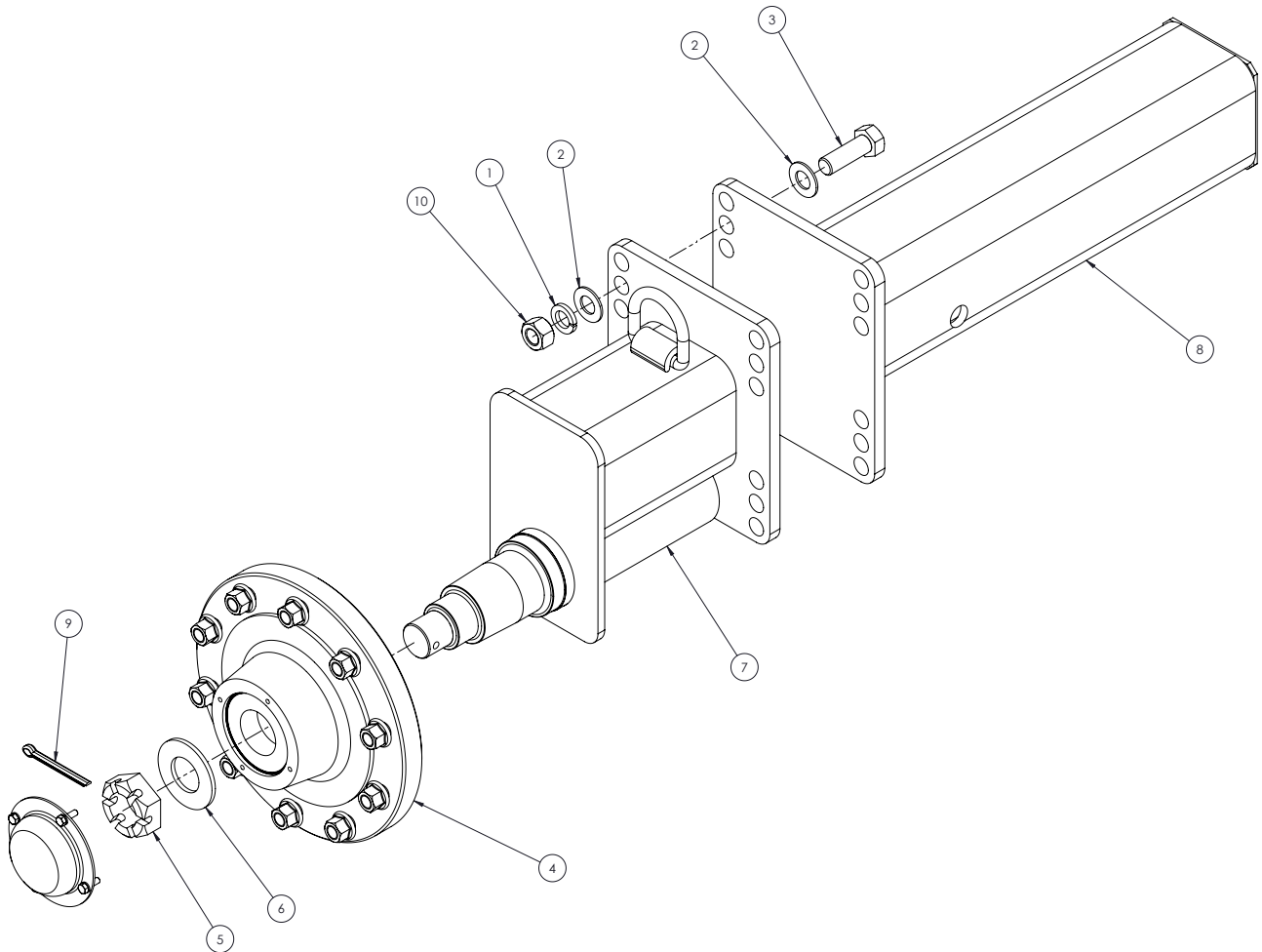


CARRIER WHEEL ASSEMBLY, RH



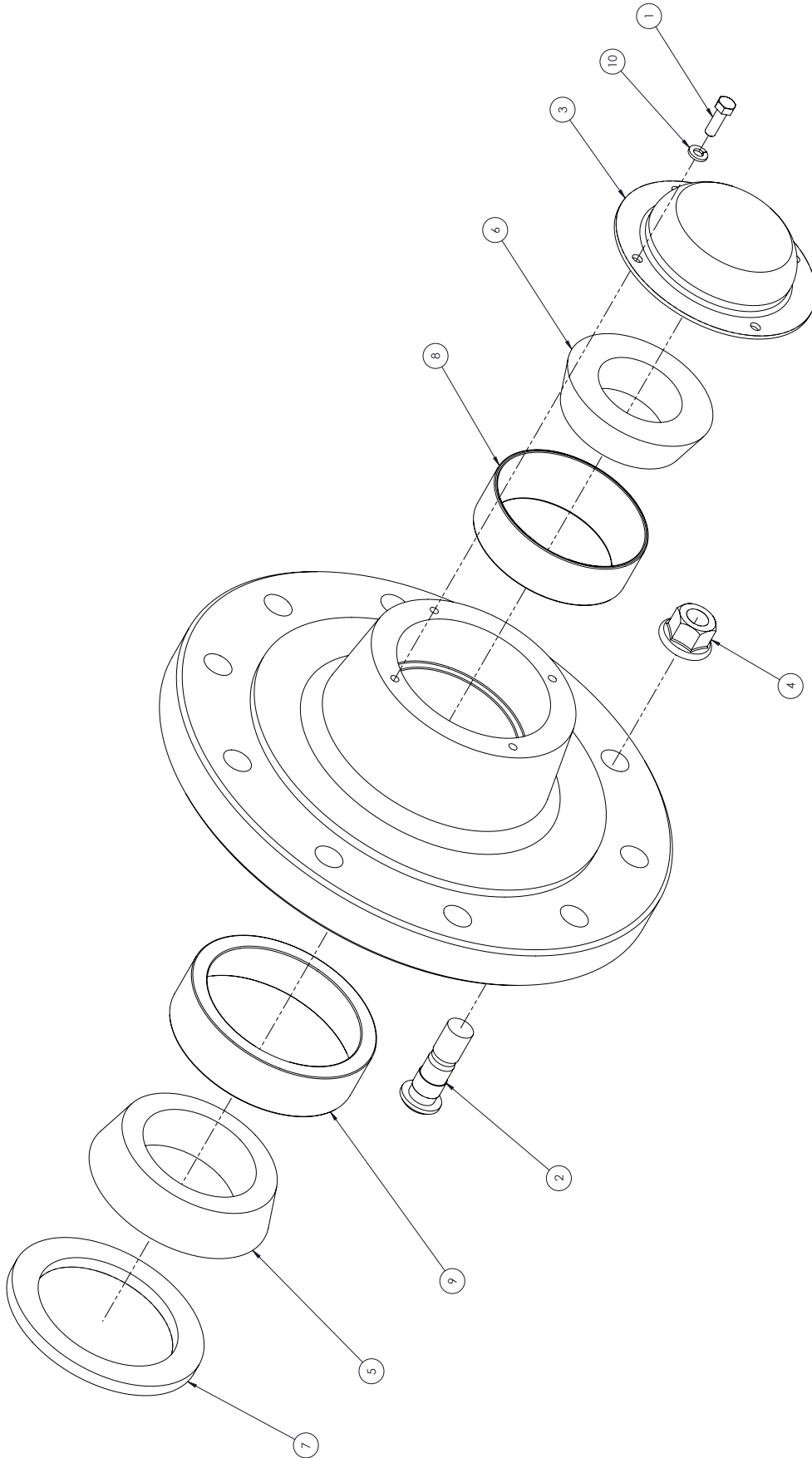
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	563520	WHEEL & TIRE ASSY, RH	1
2	563540	TIRE, 30.5L-32	1
3	563530	WHEEL RIM, 32x27	1
4	563510	WHEEL & TIRE ASSY, LH	1
5	525050	BOLT, HHCS 1-1/4-7 x 10	2
6	E829047	WASHER, LOCK 1-1/4	2
7	J14H824	NUT, HEX 1-1/4-7 Gr5 ZN	2
8	525000	AXLE ASSEMBLY	2
9	468370	BOLT, U 1/2-13 X 2.06 X 4.25	3
10	607340	STEP, BOLT-ON	1
11	600140	NUT, HFH NYLOC 1/2-13	6

HUB/SPINDLE SUB ASSEMBLY, 525000



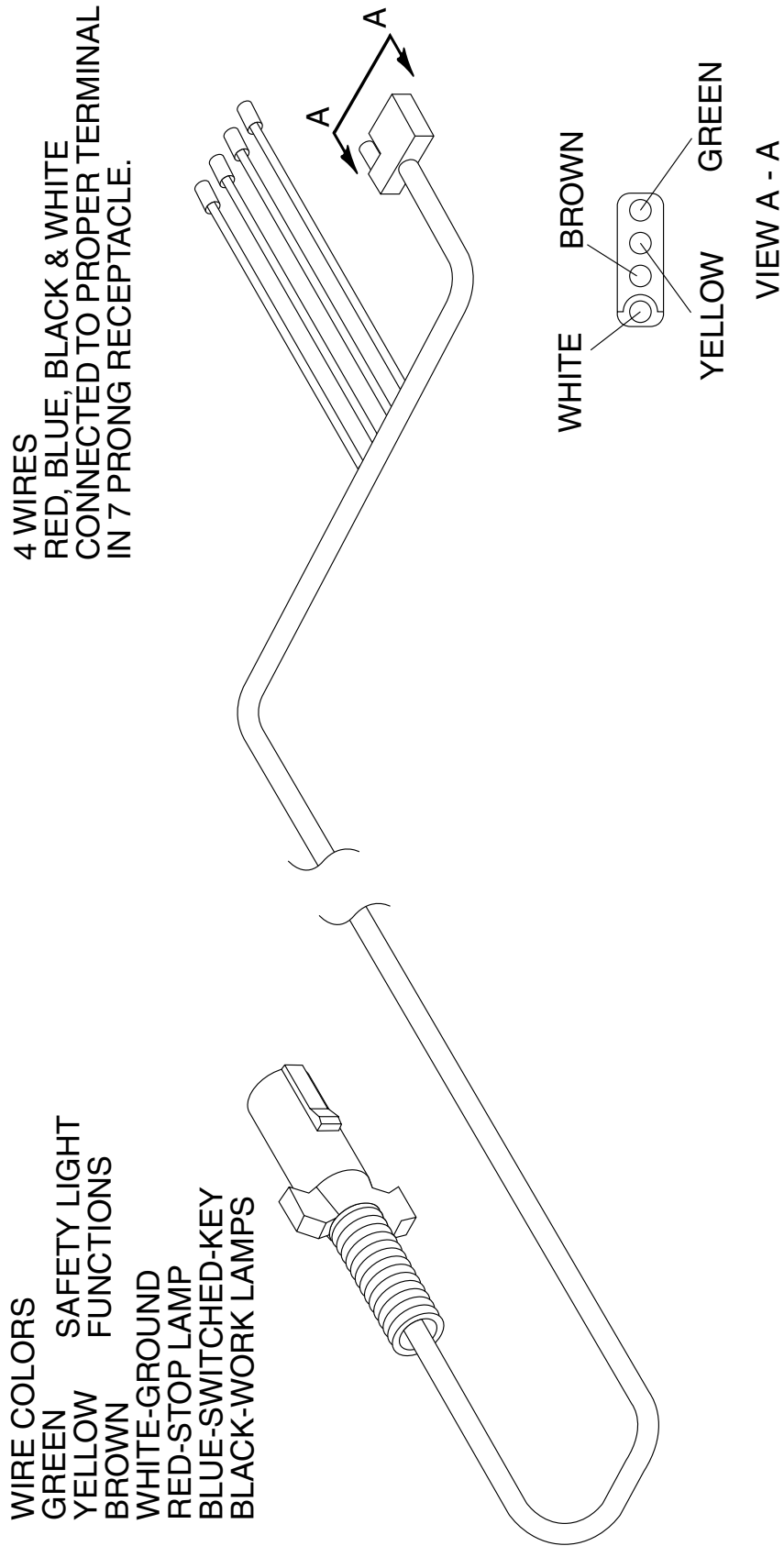
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	003350	WASHER, LOCK 1"	4
2	1107389	WASHER, FLAT 1 SAE	8
3	497590	BOLT, HHCS 1-8 X 3 GR8	4
4	522060	HUB ASSEMBLY,	1
5	522120	NUT, CASTLE 2"	1
6	522130	WASHER, FLAT	1
7	606030	SPINDLE WLDT,	1
8	606040	SPINDLE MOUNT	1
9	I4322448	PIN, COTTER, 3/8" X 3-3/4"	1
10	J14H805	NUT, HEX 1-8	4

HUB ASSEMBLY, 522060

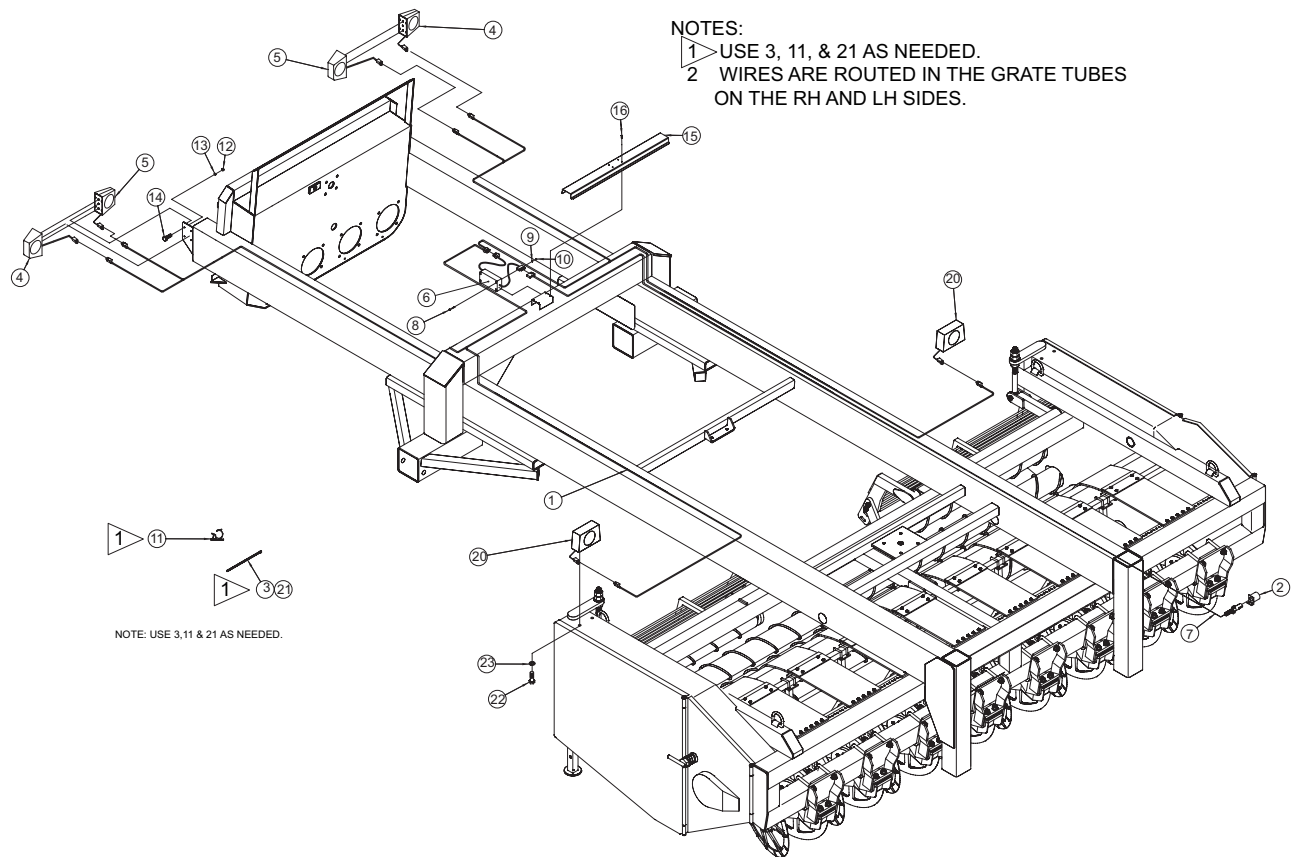


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005900	BOLT, HHCS 5/16-18 X 1"	4
2	455700P	BOLT, STUD 3/4-16	10
3	455720	CAP, HUB BOLT ON	1
4	455740P	NUT, HEX FLANGE, 3/4-10 HUB	10
5	522090	BEARING CONE, INNER	1
6	522100	BEARING CONE OUTER	1
7	522110	SEAL, GREASE	1
8	522080	CUP, BEARING OUTER	1
9	522070	CUP, BEARING INNER	1
10	023620	WASHER, LOCK 5/16	4

LIGHT HARNESS

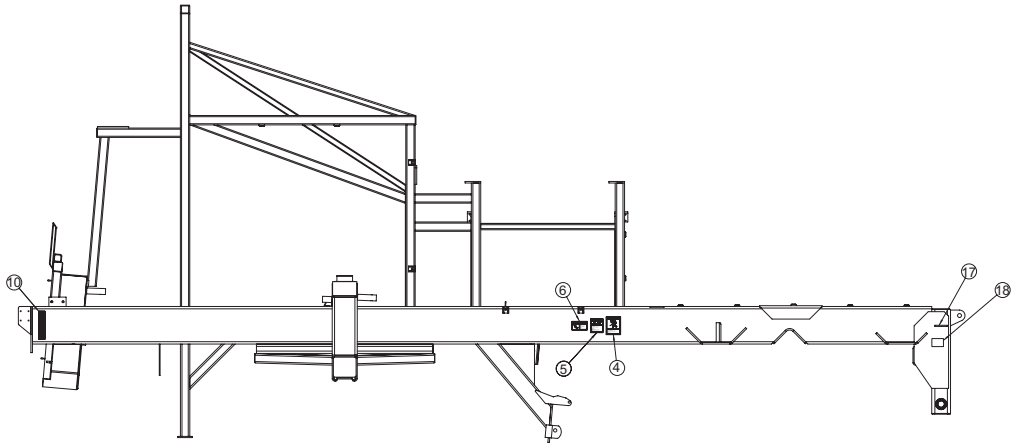


## SAFETY LIGHTS ASSEMBLY

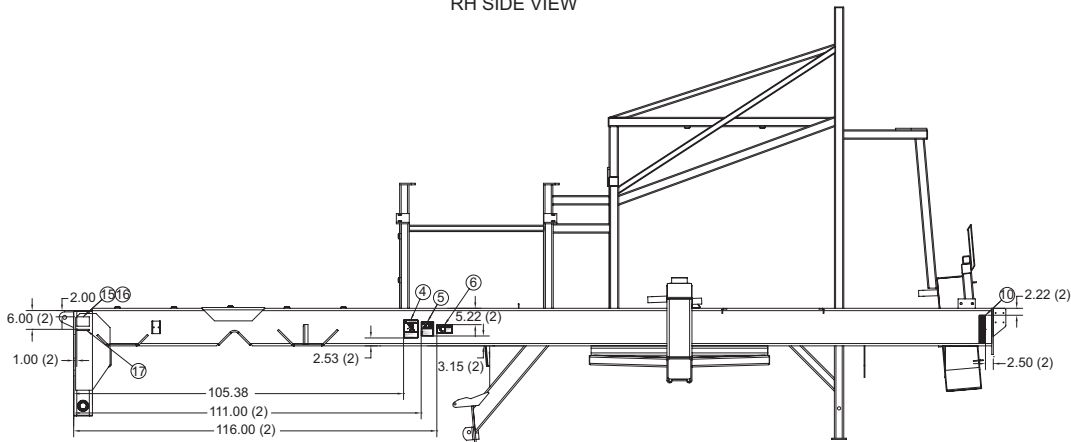


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	660466	HARNESS, WISHBONE 6812	1
2	JPT1296	BRACKET, STORING HOLDER	1
3	149670	TIE, 3/16 X 11 CABLE	20
4	476510	LAMP ASSY., AMBER	2
5	476520	LAMP ASSY., RED REAR	2
6	476540	CONVERTER, AG SAFETY LIGHT	1
7	660465	HARNESS, PRI. SAFETY LIGHTS	1
8	476640	BOLT, HEX MACH #10-24 X 1-1/2	4
9	120600	WASHER, LOCK #10 X 21/64 X 3/64	4
10	120590	NUT, HEX 10-24	4
11	036890	CLIP, PLASTIC LOOP, ADHESIVE	25
12	027660	NUT, HEX 1/4-20	8
13	029440	WASHER, LOCK 1/4	8
14	223540	BOLT, HHCS 1/4-20 X 1-3/4	8
15	583770	GUARD, WIRE CHANNEL	1
16	586280	SCREW, PHMS 1/4-20 X 3/4	4
20	476510	LAMP ASSY., AMBER	2
21	149670	TIE, 3/16 X 11 CABLE	10
22	042960	BOLT, HHCS 1/4-20 X 1	4
23	029440	WASHER, LOCK 1/4	4

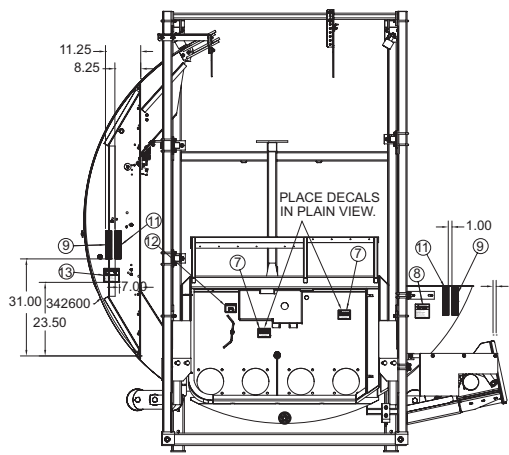
MAIN FRAME, DECALS



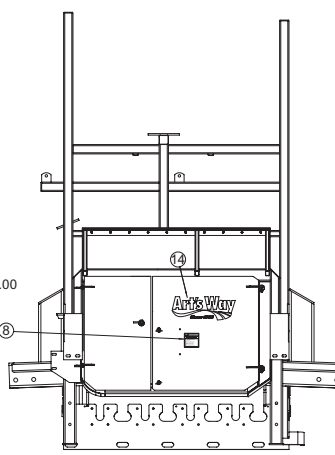
RH SIDE VIEW



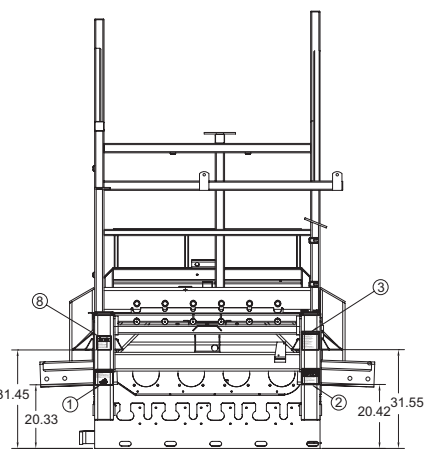
LH SIDE VIEW



REAR VIEW



DOOR DECALS



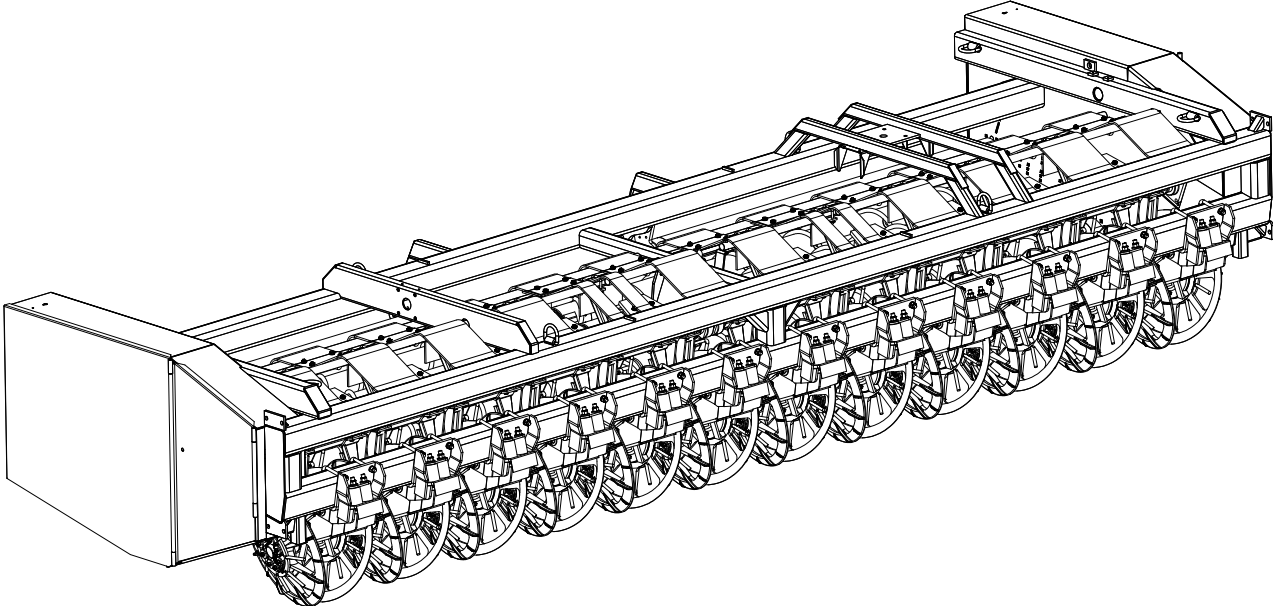
FRONT VIEW

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	345420	DECAL, ROWFINDER INSTRUCTIONS	1
2	346310	DECAL, WARNING HIGH PRESS. FLUID	1
3	368040	DECAL, CAUTION SAFETY INSTRUCTIONS	1
4	467400	DECAL, WARNING FLYING OBJECT	2
5	467410	DECAL, DANGER ROTATING ROLL	2
6	467420	DECAL, WARNING RIDERS FALLING	2
7	467430	DECAL, DANGER SHIELD MISSING	2
8	467450	DECAL, WARNING MOVING PART	1
9	476450	TAPE, RED REFLECT.	2
10	476460	TAPE, YELLOW REFLECT.	2
11	476470	TAPE, RED-ORANGE REFLECT.	2
12	289500	DECAL, SPRING LENGTH	1
13	510730	DECAL, WARNING FERRIS WHEEL	1
14	582430	DECAL, ARTS-WAY LOGO 20.1" CREAM/SILVER	1
15	355500	TAG, SERIAL NUMBER	1
16	204510	NAIL, 1/4 GRIP	4
17	133420	PATENT PENDING	2
18	564840	DECAL, PATENT #6812	1

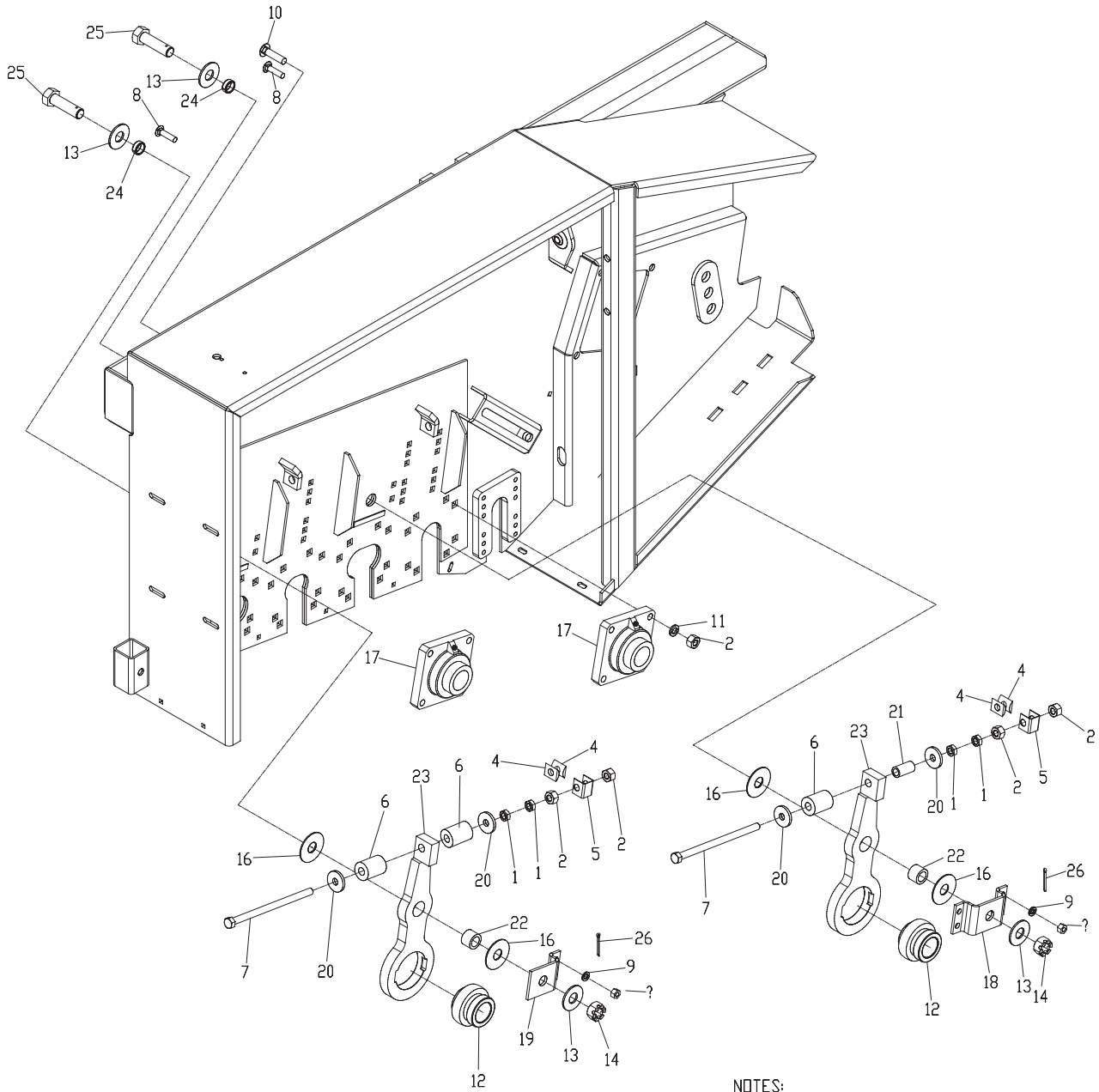
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**SECTION 2: 12R22 HEAD**

12 ROW 22 (12R22)



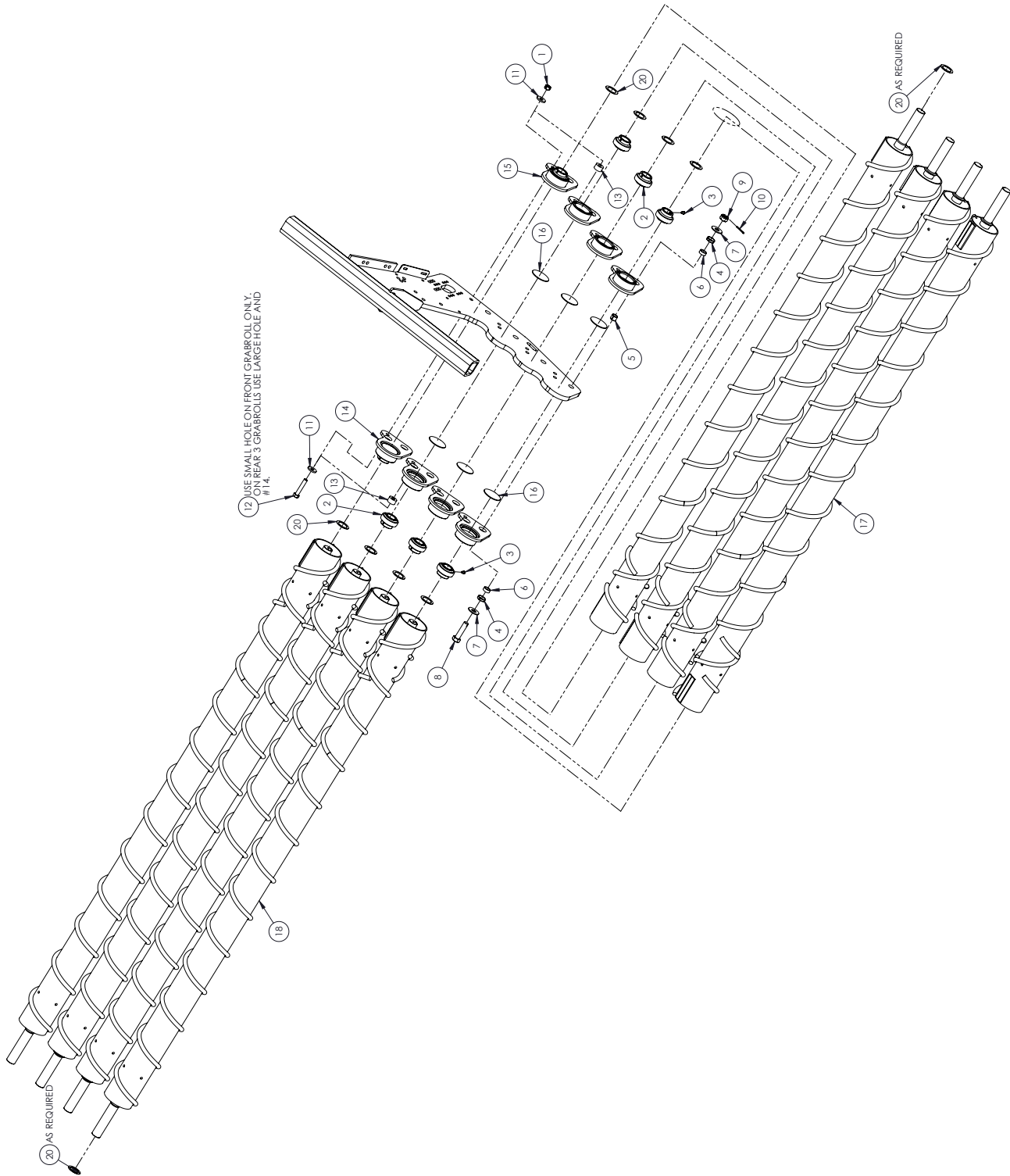
ROLLER GROUPING - GRABROLL - MOUNTING STEEL ROLL ASSEMBLY, (ALL HEADS)



NOTES:  
 1. LEFT SIDE ASSEMBLY SAME AS RIGHT.  
 2. SET FLEX PAD (ITEM 6) TO 2 INCHES.

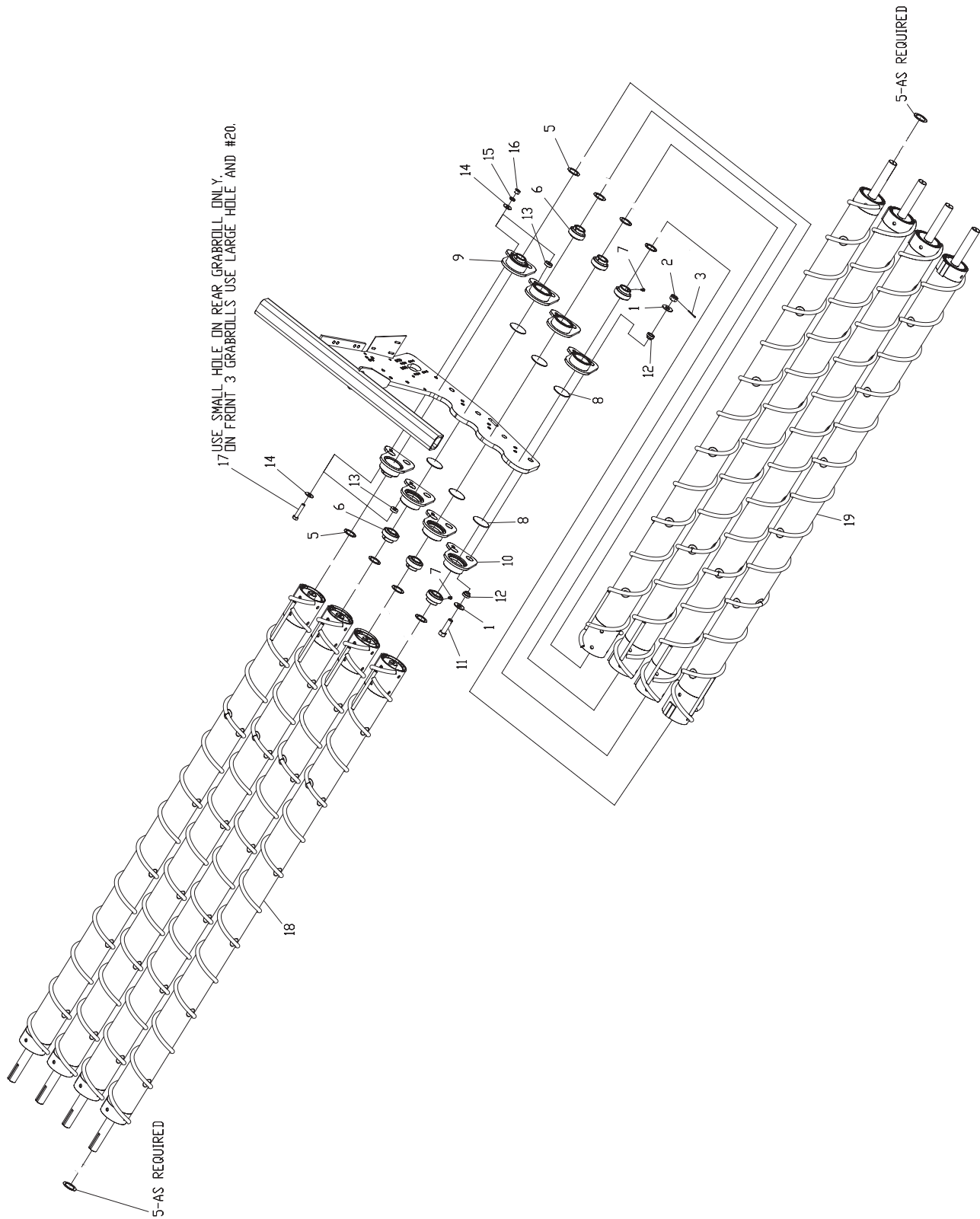
ITEM NO.	PART NUMBER	NOMENCLATURE	QTY.
1	344630	NUT, JAM 5/8-11 HEX	8
2	I124589	NUT, HEX 0.6250-11-D-ZN	12
3	005360	NUT, HEX 1/2-13	6
4	264780	TENSION ROCKER	8
5	344310	CLIP, RETAINER DRIVE	4
6	515320	PAD, FLEX 1.75 X 0.75 X 2.38L	6
7	J08H4753	HBOLT 0.6250-11 X 10.5 SPCL GR8	4
8	991200	RHSN BOLT 0.5-13 X 2 X 2-N	6
9	005370	WASHER, LOCK 1/2 ZN	6
10	J03H0858	RHSN BOLT 0.625-11 X 2.50 GR 5 ZN	8
11	020440	WASHER, LOCK 5/8	8
12	501150	BEARING, BALL 2.0	4
13	990720	WASHER, FLAT 1 INCH STD ZN	8
14	344280	NUT, SLOTTED 1-14	4
16	264740	WASHER, HARDENED 1-1/16 X 3.00 X 12 GA	8
17	E072445	BEARING, FLANGE, 2 INCH BORE, W/LK COLLAR	4
18	264770	BRACKET, GRABROLL ARM	2
19	559180	BRACKET, 2 HOLE	2
20	340310	WASHER, FLAT 0.66 ID X 2.00 OD X 0.25	8
21	413980	SPACER 1.00 ID X 0.687 ID X 2.00	2
22	264730	BUSHING, GRABROLL ARM	4
23	346110	ARM ASSY, GRABROLL DRIVE	4
24	344250	BUSHING, STEEL 1 X 1-1/4 X 1/2	4
25	344270	BOLT, HHCS 1-14 X 3-1/2 DRILL	4
26	003950	PIN, COTTER 3/16 X 2	4

ROLLER GROUPING - STEEL GRABROLL ASSEMBLY, (8R28/30, 12R22)



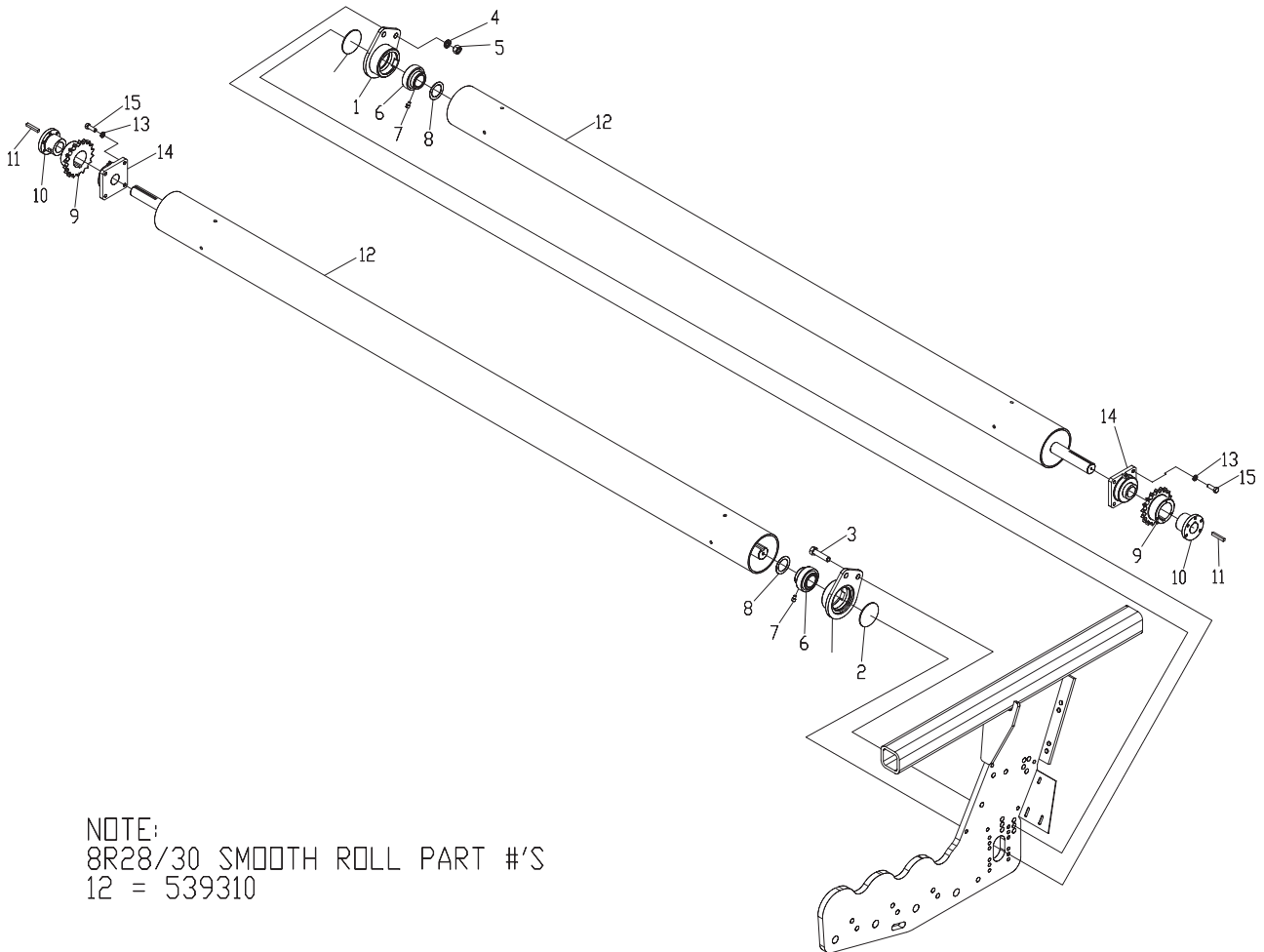
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	152360	NUT, LOCK 3/4-10 HEX	4
2	538410	BEARING, BALL 2.0	8
3	538470	SCREW, SHCS 3/8-24 x1/2"	8
4	538420	BUSHING, STEEL 1-1/2 x 1-3/4 x 1/2	8
5	V180220	BUSHING, STEEL	4
6	538440	BUSHING, CTR	8
7	990720	WASHER, FLAT 1" STD	8
8	538430	BOLT, HHCS 1-14 x 4 DRILLED Gr8 ZN	4
9	344280	NUT, CASTLE 1-14	4
10	003950	PIN, COTTER 3/16 X 2	4
11	538810	WASHER, FLAT .812 x 2.00	8
12	990590	HBOLT 0.7500-10x4 GR5 ZN	4
13	248290	PAD, FLEX 1.75 x 0.75	6
14	559130	ARM WLDT, '07 LH	4
15	559140	ARM WLDT, '07 RH	4
16	561670	BEARING COVER	8
17	602880	ROLL WLDT,DIVERTER	4
18	602890	ROLL WLDT,DIVERTER	4
20	I21787R1	WASHER, FLAT 2.06 x 2.94 x .06	16

ROLLER GROUPING - POLY GRABROLL ASSEMBLY, (12R22)



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	990720	WASHER, FLAT 1 INCH STD. ZN	8
2	344280	NUT, SLOTTED 1-14	4
3	003950	PIN, COTTER 3/16 X 2	4
5	I21787R1	WASHER, FLAT 2.06 X 2.94 X 0.06	16
6	538410	BEARING, BALL 2.0	8
7	538470	SCREW, SHCS 3/8-24 X 1/2 GR8 BLO	8
8	561670	BEARING COVER	8
9	559140	ARM WLDT., '07 RH	4
10	559130	ARM WLDT., '07 LH	4
11	344270	BOLT, HHCS 1-14 X 3-1/2 DRILL	4
12	575080	BUSHING, CENTER	8
13	538450	BUSHING, SPACER	8
14	990710	WASHER, FLAT 3/4 STD.	8
15	036800	LOCK WASHER 3/4 INCH SAE MED	4
16	J14H794	NUT, HEX 3/4-10 GR5 ZN	4
17	990830	BOLT, HHCS 3/4-10 X 3-1/2	4
18	602860	WLDT., LH POLY CONV. ROLL – 128.75 LENGTH (COMPLETE)	4
19	602850	WLDT., RH POLY CONV. ROLL – 128.75 LENGTH (COMPLETE)	4

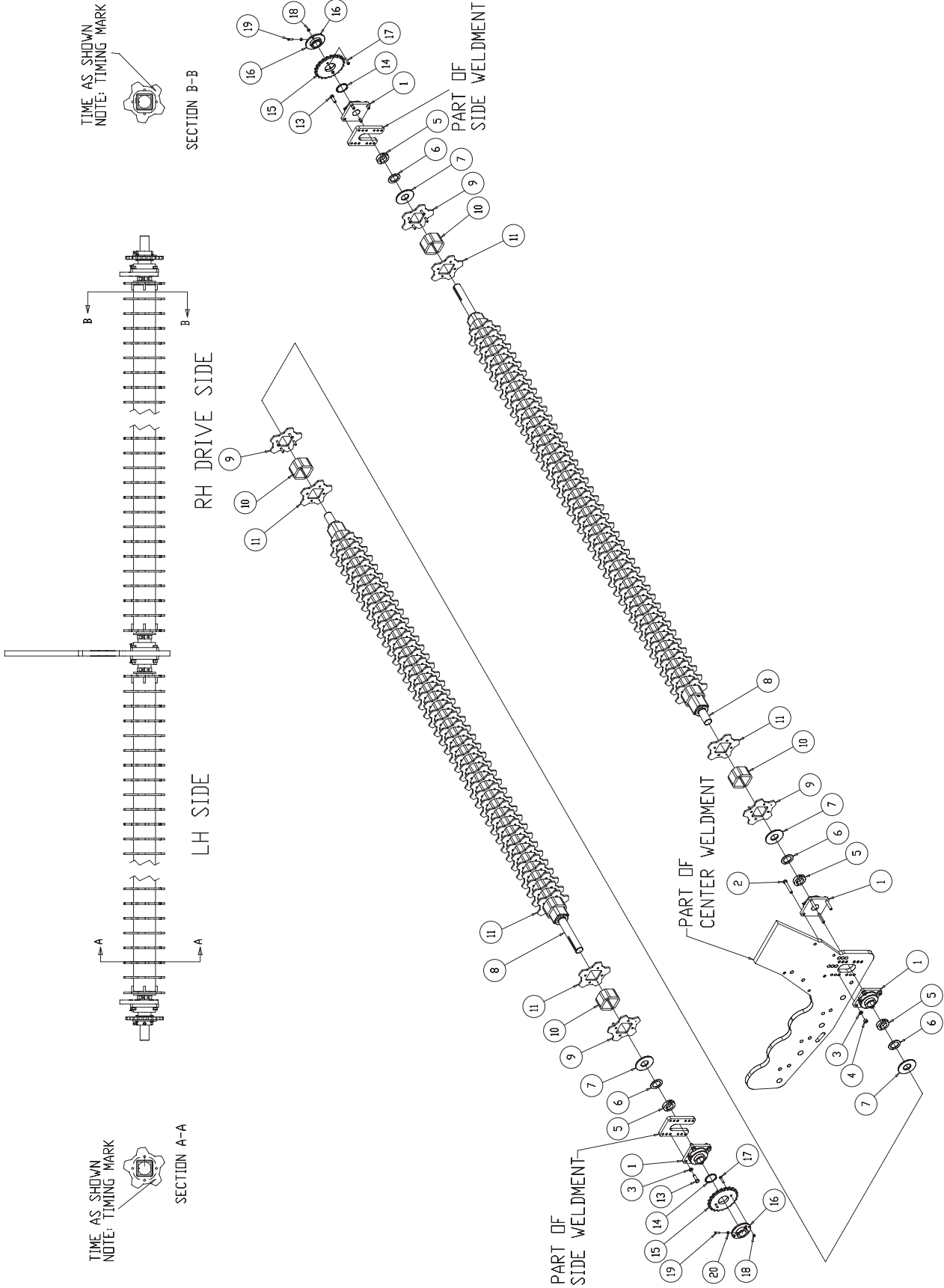
ROLLER GROUPING – SMOOTH ROLL ASSEMBLY, (8R28/30, 12R22)



NOTE:  
8R28/30 SMOOTH ROLL PART #'S  
12 = 539310

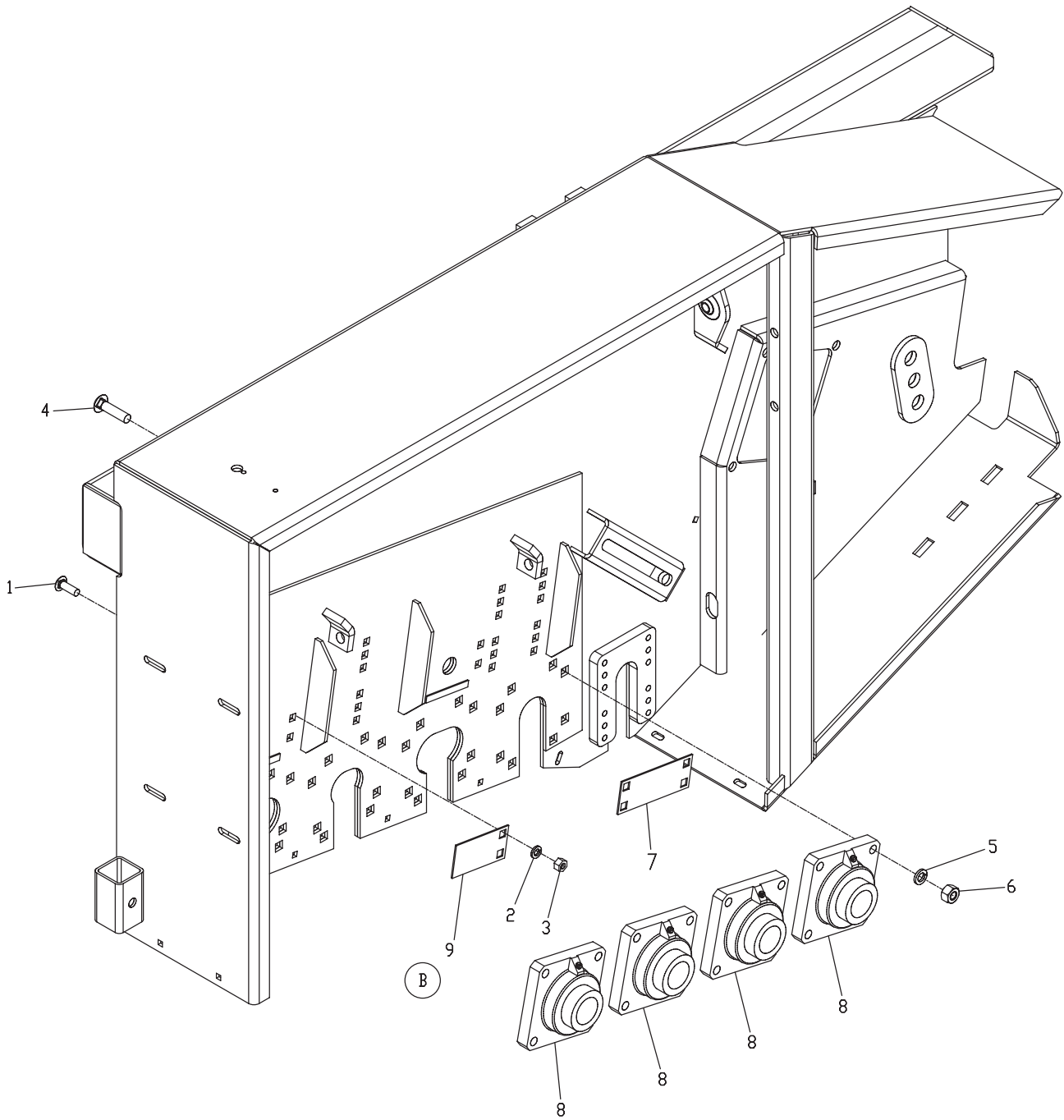
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	538390	SUPPORT WLDT	2
2	561670	BEARING COVER	2
3	990570	BOLT, HHCS 3/4-10 x 3	2
4	036800	LW 3/4 INCH SAE MED	2
5	J14H794	NUT, HEX 3/4-10 GR5 ZN	2
6	538410	BEARING, BALL 2.0	2
7	538470	SCREW, SHCS 3/8-24	2
8	452880	WASHER, FLAT 2.06 x 2.94 x 0.06	2
9	E741066	SPROCKET, 80Q18	2
10	288070	BUSHING, SPLIT TAPER Q1 1-3/4 INCH	2
11	167920	KEY, SQUARE 3/8 x 2.5	2
12	539300	ROLL WLDT, SMOOTH (12R22)	2
12A	539310	ROLL WLDT, SMOOTH (8R28/30)	2
13	005370	WASHER, LOCK 1/2 ZN	8
14	E072489	BEARING, FLANGE 1-3/4 4 BLT	2
15	014770	BOLT, HHCS 1/2-13	8

### ROLLER GROUPING - STAR ROLL ASSEMBLY, (12R22)



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	E072489	BEARING, FLANGE 1-3/4 4 BLT	4
2	041410	HHCS, 1/2-13 X 3.25, G5, ZN	4
3	005370	WASHER, LOCK 1/2 ZN	12
4	005360	NUT, HEX 1/2-13	4
5	287700	LOCK COLLAR	4
6	E126034	BUSHING, 1.88 X 2.8 X 0.134	4
7	566080	DISK, STAR RETAIN	4
8	566040	SHAFT WLDT.	2
9	575030	WLDT., STAR AND TUBE	4
10	575000	SPACER, STAR ROLL POLY	88
11	566010	PLATE, STAR	86
12	551650	PLATE, SIDE BRG. MTG.	2
13	014770	BOLT, HHCS 1/2-13	8
14	040290	RING, RETAINING	2
15	557430	SPROCKET, PLATE	2
16	532460	HUB WLDT., SHEAR	2
17	025760	BOLT, HHCS 5/16-18 X 1-1/2	4
18	025670	HEX NUT 0.3125-18-D-N	4
19	039730	SCREW, SQHSS 5/16-18 X 1	4
20	035500	NUT, JAM 5/16-18 HEX	4

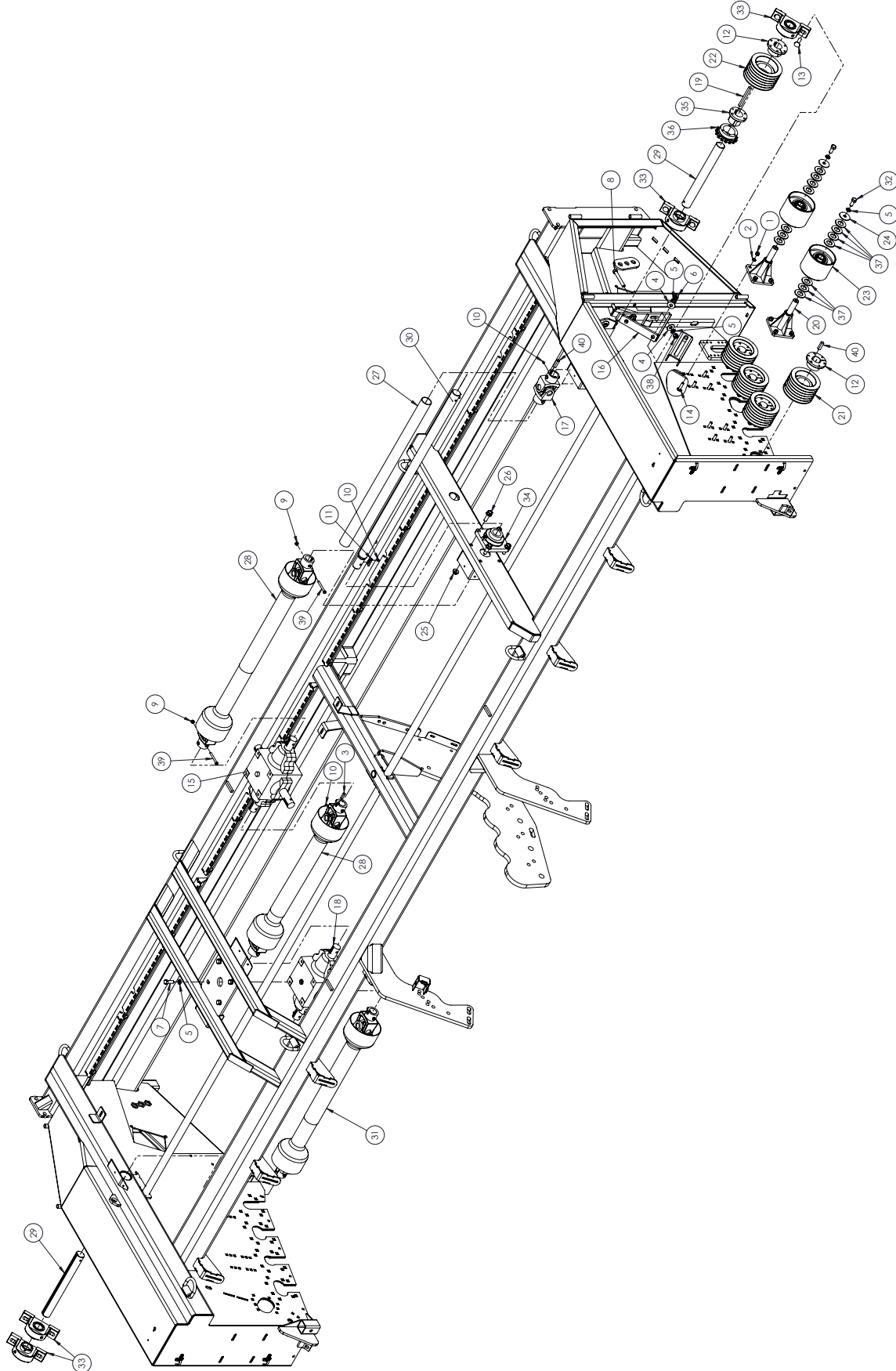
ROLLER GROUPING - GRABROLL - MOUNTING POLY ROLLS ASSEMBLY, (ALL HEADS)



LEFT SIDE ASSEMBLY SAME AS RIGHT.

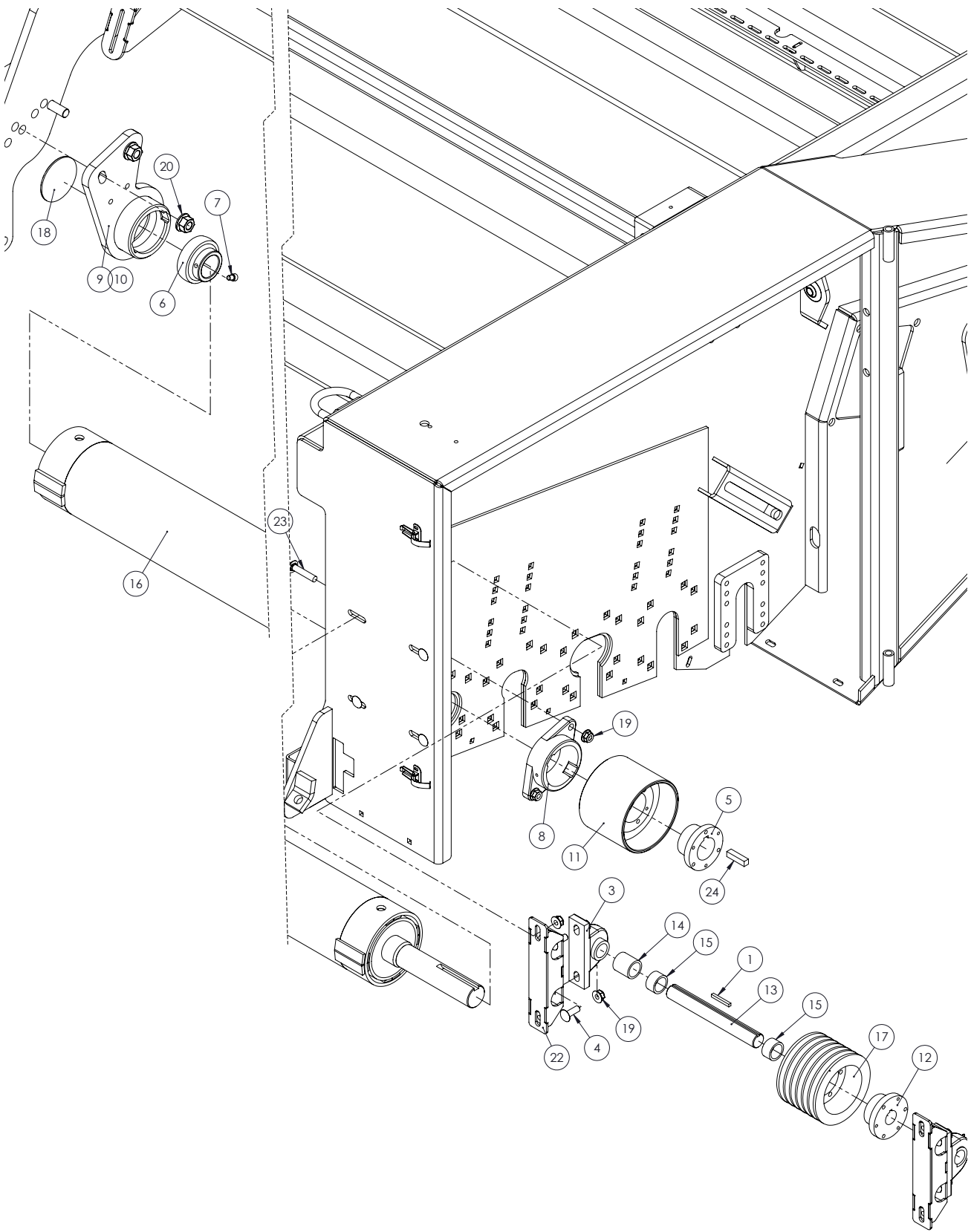
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	156850	BOLT, CRG 1/2-13 X 1-1/2 SSN GR5 ZN	6
2	005370	WASHER, LOCK 1/2 ZN	6
3	005360	NUT, HEX 1/2-13	6
4	J03H1858	RHSNBOLT 0.625-11 X 2.50 GR 5 ZN	16
5	020440	WASHER, LOCK 5/8	16
6	I124589	NUT , HEX 0.6250-11-D-ZN	16
7	538820	PLATE, COVER	1
8	E072445	BEARING, FLANGE, 2 INCH BORE, W/LK COLLAR	4
9	575510	PLATE, COVER HALF	1

ROLLER GROUPING - CONVEYOR ROLLER DRIVES ASSEMBLY, (8R28/30, 12R22)



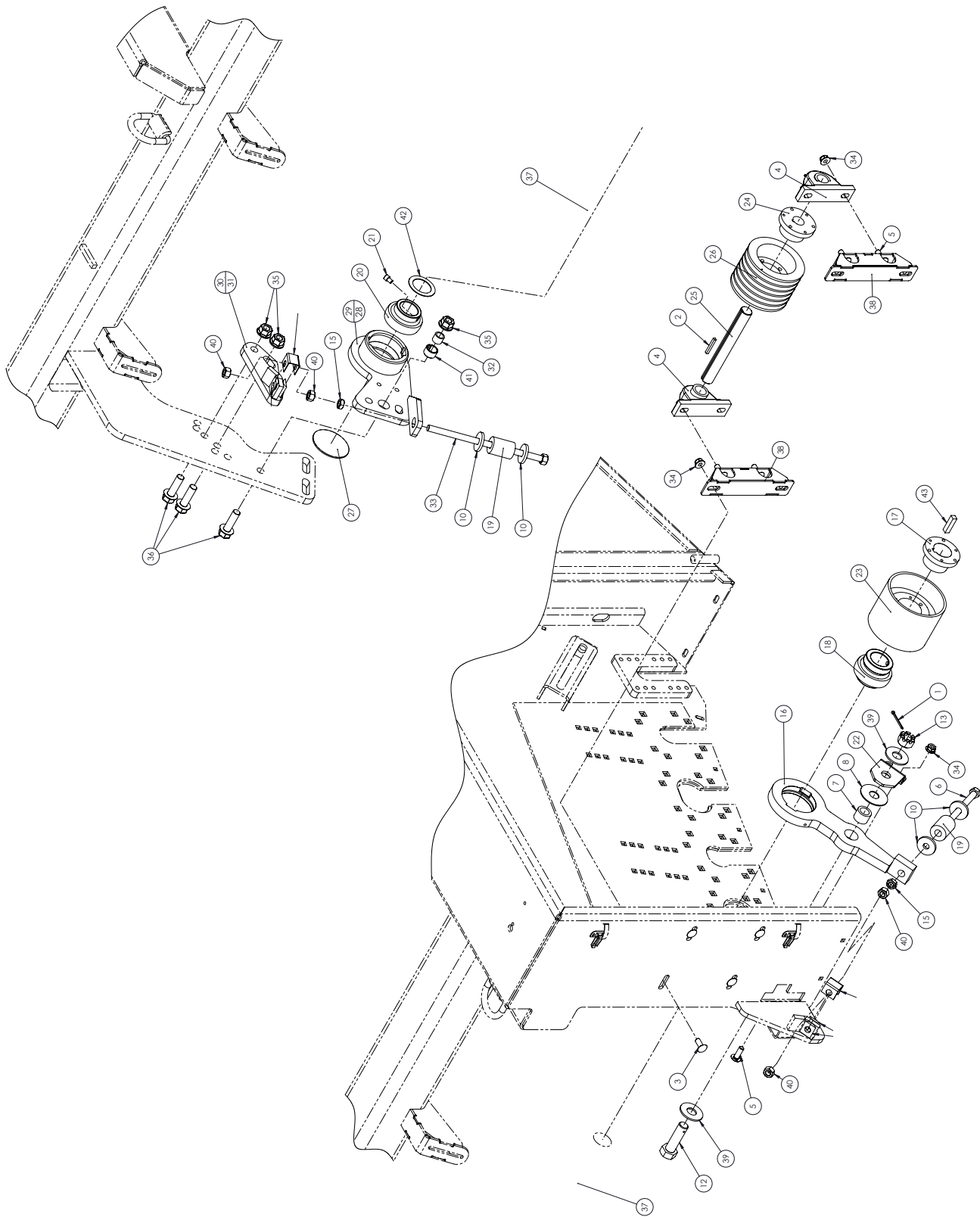
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005360	NUT, HEX 1/2-13	8
2	005370	WASHER, LOCK 1/2	8
3	006670	KEY, SQUARE 3/8 x 1-1/2	4
4	020430	WASHER, FLAT 5/8 STD	10
5	020440	WASHER, LOCK 5/8	16
6	020450	NUT, HEX 5/8-11	4
7	025100	BOLT, HHCS 5/8-11 X 1-3/4"	4
8	028330	BOLT, HHCS 5/8-11 X 4-1/2"	2
9	073630	NUT, LOCK 3/8-16	8
10	218660	SCREW, HSSS 3/8-16 x 3/8	8
11	231950	KEY, WOODRUFF	2
12	251220	BUSHING, QD, SF 2" BORE, 1/2"	5
13	462070	BOLT, CRG 5/8-11	8
14	463750	BOLT, CRG 1/2-13 X 2	8
15	520400	GEARBOX, 1.857:1	1
16	523630	MOUNT WLDT, BRG	2
17	532060	Joint, 2.0 RB x 2.0 RB w/.5 KW G2500	1
18	538460	GEARBOX, 1:1 REVERSE	1
19	552070	KEY, SQUARE 1/2" X 5.75"	1
20	559160	MOUNT WLDT, IDLER	2
21	561450	SHEAVE, 6 GRV 5V 7.10 OD	4
22	561460	SHEAVE, 6 GRV 5V x 7.50 OD	1
23	561480	SHEAVE ASSY, IDLER 1.25" ID	2
24	561500	WASHER, FLAT 5/8	2
25	600150	NUT, HFH NYLOC 5/8-11	4
26	600540	BOLT, HFH 5/8-11 X 2"	4
27	613690	SHIELD, SPIN	1
28	615600	SHAFT ASSEMBLY	2
29	615610	SHAFT, OUTER	2
30	615620	SHAFT, INNER	1
31	615650	SHAFT ASSEMBLY	1
32	990610	BOLT, HHCS 5/8-11 X 1-1/2"	2
33	E072358	PB BEARING, 2.0 BORE	4
34	E072445	BEARING, 2.00" 4 BOLT	1
35	E126080	BUSHING, Q1 - 2	1
36	E741067	SPROCKET, 80Q15	1
37	E829022	WASHER, FLAT 1-1/4" SAE	14
38	I124589	NUT, HEX 5/8-11	6
39	I189304	BOLT, HHCS 3/8-16 X 3-1/4"	8
40	R66305	KEY, SQUARE 1/2" X 2"	6

GRABROLL ASSEMBLY, OPTION, (8R30, 12R22), POLY



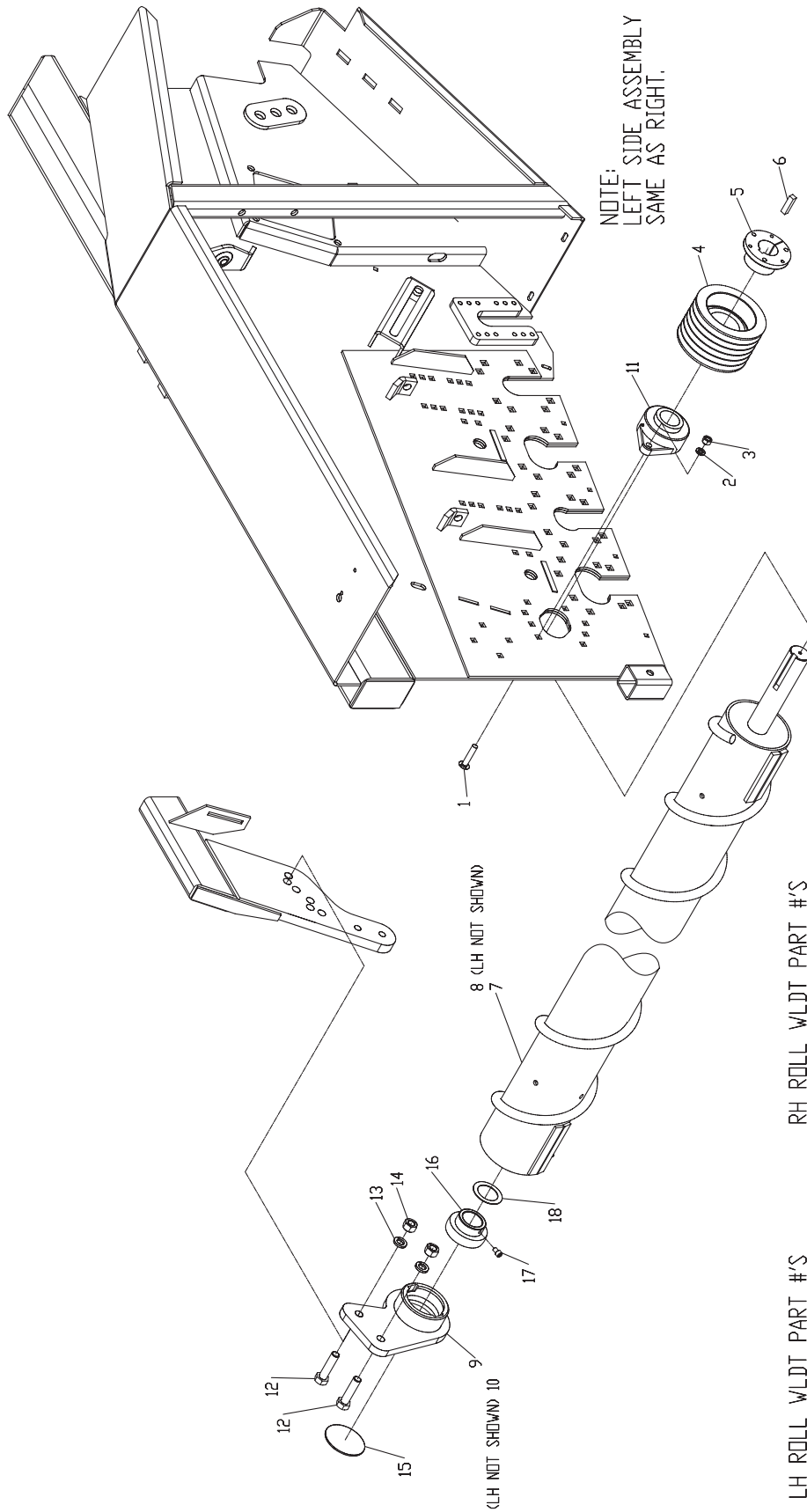
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	014630	KEY, SQ 1/4 X 2	2
2	030470	BOLT, CRG 1/2-13 X 1-1/4"	8
3	035090	BEARING, PB CI HSG 1.25 W/LC	4
4	156850	BOLT, CRG 1/2-13 X 1-1/2"	8
5	346340	BUSHING, QD SK 2 Bore	2
6	538410	BEARING, BALL 2.0	2
7	538470	SCREW, SHCS 3/8-24 x1/2"	2
8	551130	Bearing, FLG 2.00"	2
9	559990	ARM WLDT, RH	1
10	561020	ARM WLDT, LH	1
11	561090	SHEAVE WELDMENT, FLAT	2
12	561140	BUSHING, QD SK	2
13	561260	SHAFT, 1-1/4" DIA	2
14	561261	BUSHING SPACING	1
15	561262	SHORT, BUSHING SPACING	2
16	561310	ROLL WLDT, REAR	2
17	561440	SHEAVE, 5V - 6 GRV	2
18	561670	BEARING COVER	2
19	600140	NUT, HFH NYLOC 1/2-13	20
20	600160	NUT, HFH TOPLOCK 3/4-10	4
21	600430	BOLT, HFH 3/4-10 X 2-1/2"	4
22	606910	MOUNT, PB BEARING	4
23	J03H1593	BOLT, CRG 1/2-13 x 2-1/2 SSN Gr5 ZN	4
24	R66305	KEY, SQUARE 1/2" X 2"	2

GRABROLL ASSEMBLY, OPTION, (8R30, 12R22), STEEL



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	003950	PIN, COTTER 3/16 X 2	2
2	014630	KEY, SQ 1/4 X 2	2
3	030470	BOLT, CRG 1/2-13 X 1-1/4"	8
4	035090	BEARING, PB CI HSG 1.25 W/LC	4
5	156850	BOLT, CRG 1/2-13 X 1-1/2"	12
6	242600	BOLT, HHCS 5/8-11 X 7-1/2"	2
7	264730	BUSHING, GRABROLL ARM	2
8	264740	WASHER, HARDENED	2
10	340310	WASHER, FLAT	8
11	344250	BUSHING, STEEL 1 x 1-1/4 x 1/2	2
12	344270	BOLT, HHCS 1-14 X 3-1/2" DRILLED	2
13	344280	NUT, CASTLE 1-14	2
15	344630	NUT, JAM 5/8-11	4
16	346110	ARM ASSY, GRABROLL DRIVE	2
17	346340	BUSHING, QD SK 2 Bore	2
18	501150	BEARING, BALL 2.0	2
19	515320	PAD, FLEX 1.75 X 0.75 X 2.38L	4
20	538410	BEARING, BALL 2.0	2
21	538470	SCREW, SHCS 3/8-24 x1/2"	2
22	559180	BRACKET, 2 HOLE	2
23	561090	SHEAVE WELDMENT, FLAT	2
24	561140	BUSHING, QD SK	2
25	561260	SHAFT, 1-1/4" DIA	2
26	561440	SHEAVE, 5V - 6 GRV	2
27	561670	BEARING COVER	2
28	577460	ARM WELDMENT, RH	1
29	577470	ARM WELDMENT, LH	1
30	577520	BRACKET, CUSHION	1
31	577530	BRACKET, CUSHION	1
32	577550	BUSHING, MACHINED 1"	2
33	587130	ROD WELDMENT	2
34	600140	NUT, HFH NYLOC 1/2-13	21
35	600160	NUT, HFH TOPLOCK 3/4-10	6
36	600430	BOLT, HFH 3/4-10 X 2-1/2"	6
37	602900	ROLL WELDMENT, REAR	2
38	606910	MOUNT, PB BEARING	4
39	990720	WASHER, FLAT 1" STD	4
40	I124589	NUT, HEX 5/8-11	8
41	I1337411C1	BUSHING, 1.25 OD X 1.00 ID	2
42	I21787R1	WASHER, FLAT 2.06 x 2.94 x .06	2
43	R66305	KEY, SQUARE 1/2" X 2"	2

**DIVERTER ROLL GROUPING ASSEMBLY, (ALL HEADS)**



NOTE:  
LEFT SIDE ASSEMBLY  
SAME AS RIGHT.

RH ROLL WLDI PART #'S  
 ♦ 12R22 - 561770  
 ♦ 8R28/30 - 561750  
 ♦ 8R22-6R28/30 - 561730

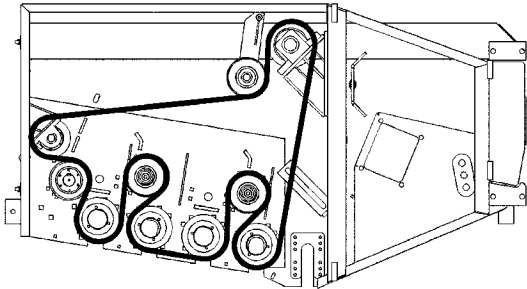
LH ROLL WLDI PART #'S  
 ♦ 12R22 - 561760  
 ♦ 8R28/30 - 561740  
 ♦ 8R22-6R28/30 - 561720

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	J03H1593	BOLT, CRG 1/2-13 X 2-1/2 SSN GR5 ZN	2
2	005370	WASHER, LOCK 1/2 ZN	2
3	005360	NUT, HEX 1/2-13	2
4	561450	SHEAVE, 6 GRV 5V	1
5	251220	BUSHING, QD, SF 2 INCH BORE, 1/2 INCH KW	1
6	R66305	KEY SQ, 1/2 X 2	1
7	561770	ROLL WLDT, RH (12R22)	1
7A	561750	ROLL WLDT, RH (8R28/30)	1
7B	561730	ROLL WLDT, RH (6R28/30 AND 8R22)	1
8	561760	ROLL WLDT, LH (12R22)	1
8A	561740	ROLL WLDT, LH (8R28/30)	1
8B	561720	ROLL WLDT, LH (6R28/30 AND 8R22)	1
9	559960	ARM WLDT, RH	1
10	561240	ARM WLDT, LH	1
11	551130	BEARING, FLG 2.00 INCH	1
12	990570	BOLT, HHCS 3/4-10 X 3	2
13	036800	LW 3/4 INCH SAE MED	2
14	J14H794	NUT, HEX 3/4-10 GR5 ZN	2
15	561670	BEARING COVER	1
16	538410	BEARING, BALL 2.0	1
17	538470	SCREW, SHCS 3/8-24	1
18	I21787R1	WASHER, FLAT 2.06 X 2.94 X 0.06	1

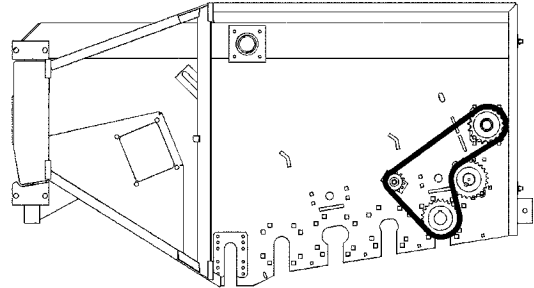
**BELT ROUTING**

**RIGHT SIDE ROUTING OF ALL HEADS**  
**LEFT SIDE SAME FOR 12R22 & 8R28/30**

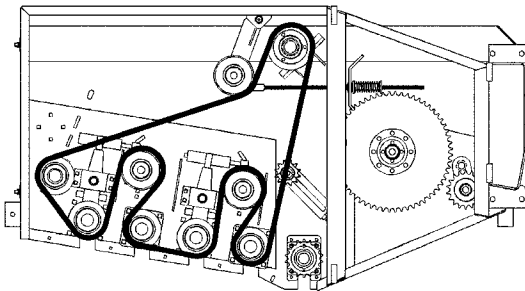
**LEFT SIDE ROUTING FOR**  
**8R22 & 6R28/30 ONLY**



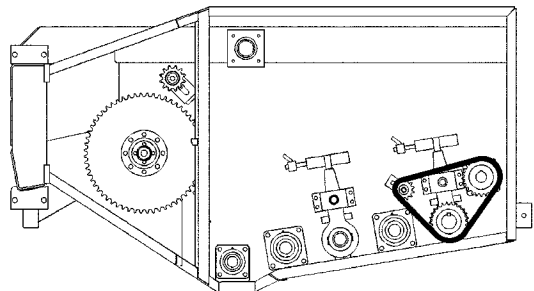
**BELT DRIVE – REAR  
GRABROLL ROLL OPTION  
BELT PART NO. 561420**



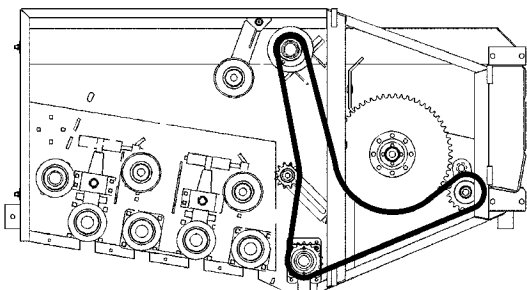
**CHAIN DRIVE – REAR  
GRABROLL ROLL OPTION  
CHAIN PART NO. 561410**



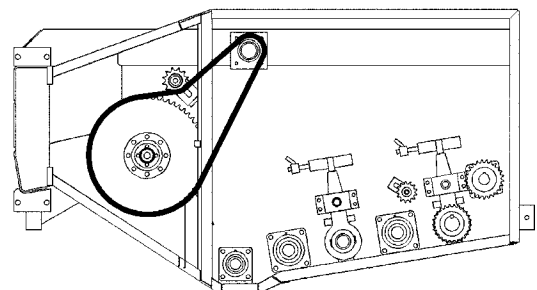
**BELT DRIVE – REAR  
DIVERTER ROLL OPTION  
BELT PART NO. 561430**



**CHAIN DRIVE – REAR  
DIVERTER ROLL OPTION  
CHAIN PART NO. 532960**



**PADDLE SHAFT DRIVE  
CHAIN PART NO. 586335**

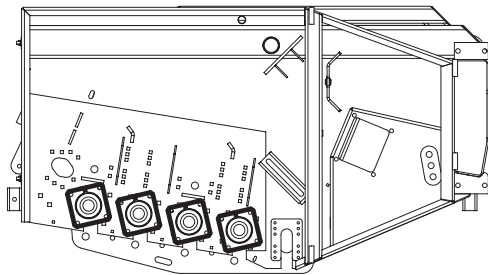


**PADDLE SHAFT DRIVE  
CHAIN PART NO. 261920**

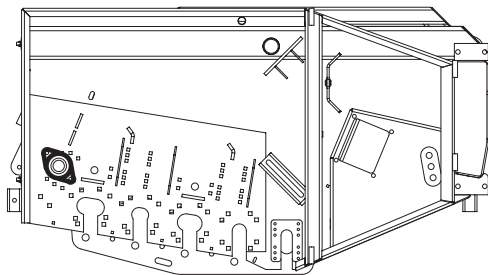
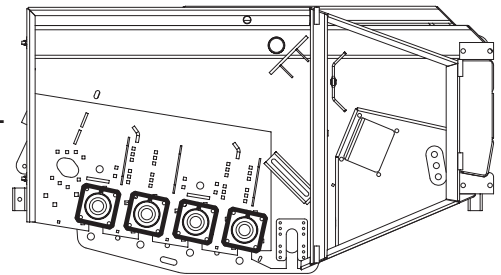
HEADER BEARINGS

OPEN ROLL POSITION

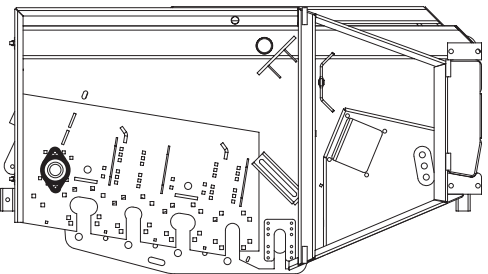
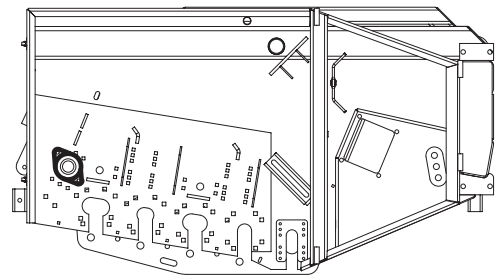
CLOSED ROLL POSITION



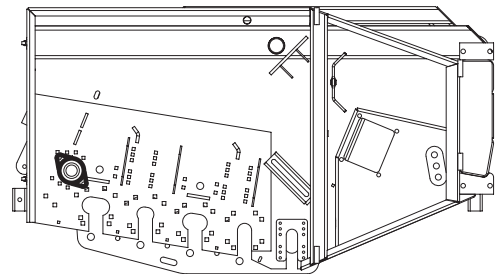
CONVEYOR ROLL BEARINGS



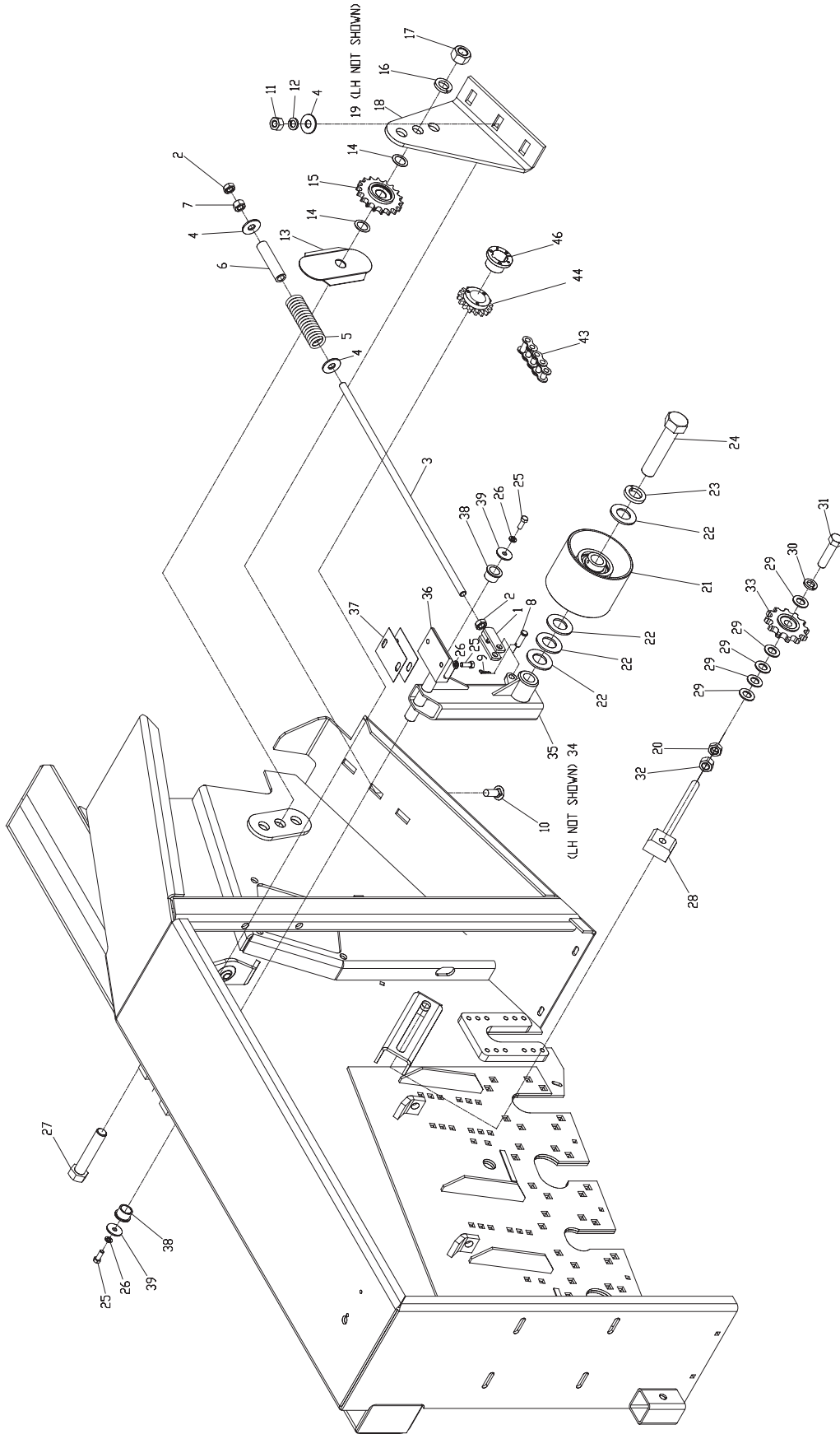
DIVERTER ROLL BEARINGS



GRABROLL BEARINGS



PADDLE SHAFT & CHAIN DRIVES ASSEMBLY, (8R28/30, 12R22)

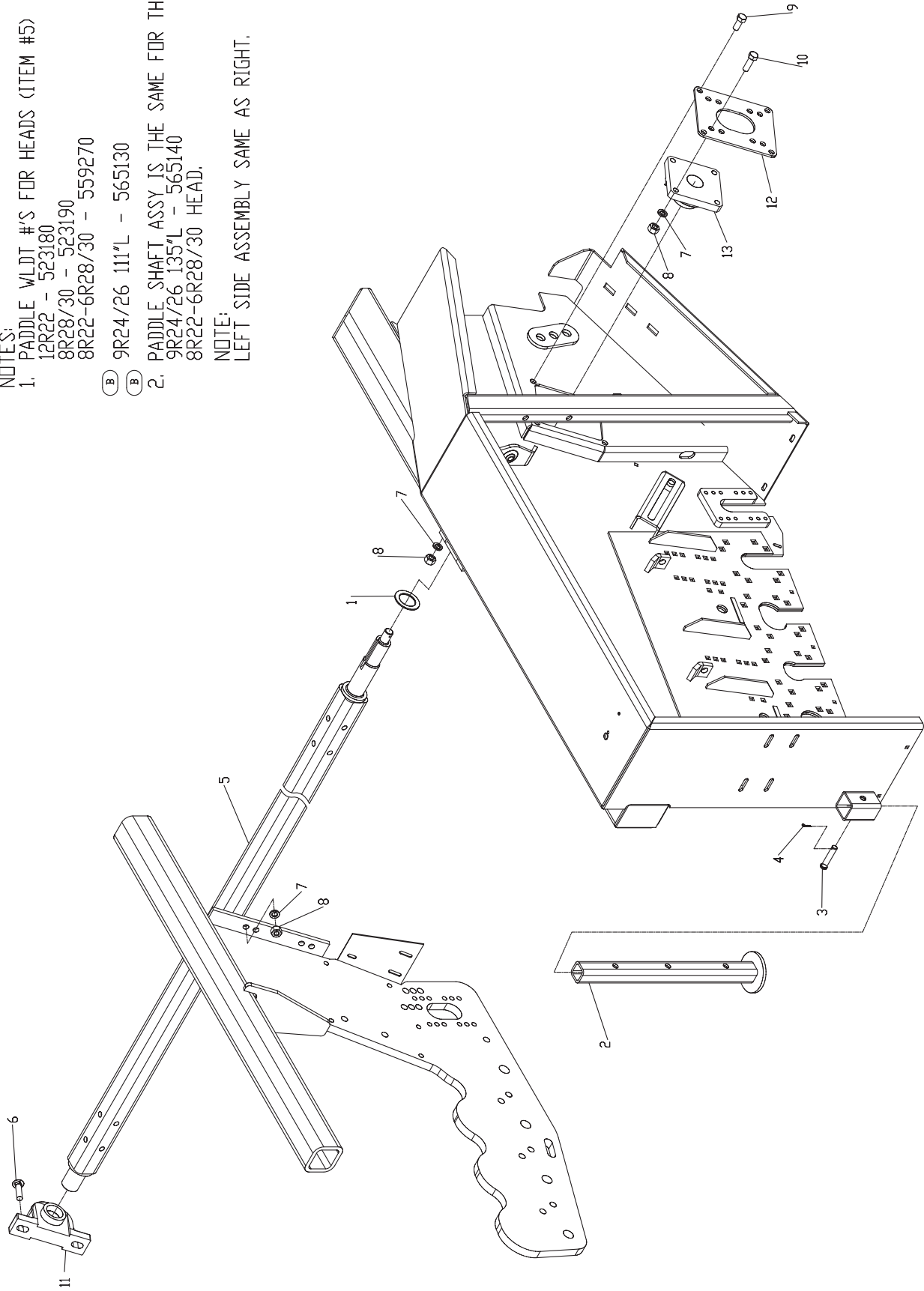


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	561870	YOKE WLDT, 5/8-11	1
2	1121555	NUT, JAM 5/8-11 HEX ZN GR5	2
3	561880	ROD, THREADED 5/8-11	1
5	231000	SPRING COMPRESSION	1
6	239040	SPACER, SPRING	1
7	020450	NUT, HEX 5/8-11	1
8	1071212	PIN, CLEVIS 1/2 X 1-1/2	1
9	124350	PIN, COTTER 1/8 X 1-1/2 ZN	1
10	I4331028	BOLT, CRG 5/8-11 X 1-3/4	3
11	I600150	NUT, HFH NYLOC 5/8-11 ZINC	3
13	552360	PLATE, COVER IDLER	1
14	003370	WASHER, FLAT 1.03 X 1.50 X 0.048	2
15	541740	SPROCKET ASSY, IDLER BRG.	1
15A	R50800	BEARING, BALL 1.0 COD	1
16	003350	WASHER, LOCK 1 X 1-21/32 X 1/4	1
17	J14H805	NUT, HEX 1.00-8 GR5 ZN	1
18	551610	MOUNT, RH FRONT	1
19	551600	MOUNT, LH FRONT	1
20	E552038	NUT, JAM 3/4-10 HEX	1
21	561480	SHEAVE ASSY, IDLER BRG. 1.25 ID	1
21A	112550	BEARING, BALL 1-1/4 COD	1
21B	E642027	RING, RETAINING	1
22	E829022	FW 1.25	4
23	E829047	WASHER, LOCK 1-1/4	1
24	522610	BOLT, HHCS, 1-1/4-7 X 3-1/2	1
25	012260	HBOLT 0.3750-16 X 1 X 1-N	4
26	021180	LW 0.375	4
27	991060	BOLT, HHCS 1-8 X 5 GR5 ZN	1
28	551370	BLOCK WLDT, IDLER	1
29	I131017	FW 0.812	5
30	036800	LW 3/4 INCH SAE MED	1
31	990570	BOLT, HHCS 3/4-10 X 3	1
32	J14H794	NUT, HEX 3/4-10 GR5 ZN	1
33	240550	SPROCKET, IDLER 80-12T W/WASHER	1
34	537880	ARM WLDT, LH	1
35	518160	ARM WLDT, RH	1
36	604200	MOUNT, BUSHING	1
37	532760	SHIM, IDLER ARM 22 GA.	2
38	522600	BUSHING, OILITE	2
39	169280	WASHER, FLAT, 13/32 X 1.5 X 0.13	2
43	586335	CHAIN, ROLLER HD RC80H X 130P	1
44	E741066	SPROCKET, 80Q18	1
46	E126080	BUSHING, SPLIT TAPER	1
47	228020	LINK, 80H OFFSET	6

**PADDLE SHAFT & CHAIN DRIVES - PADDLE SHAFT & STAND ASSEMBLY, (ALL HEADS)**

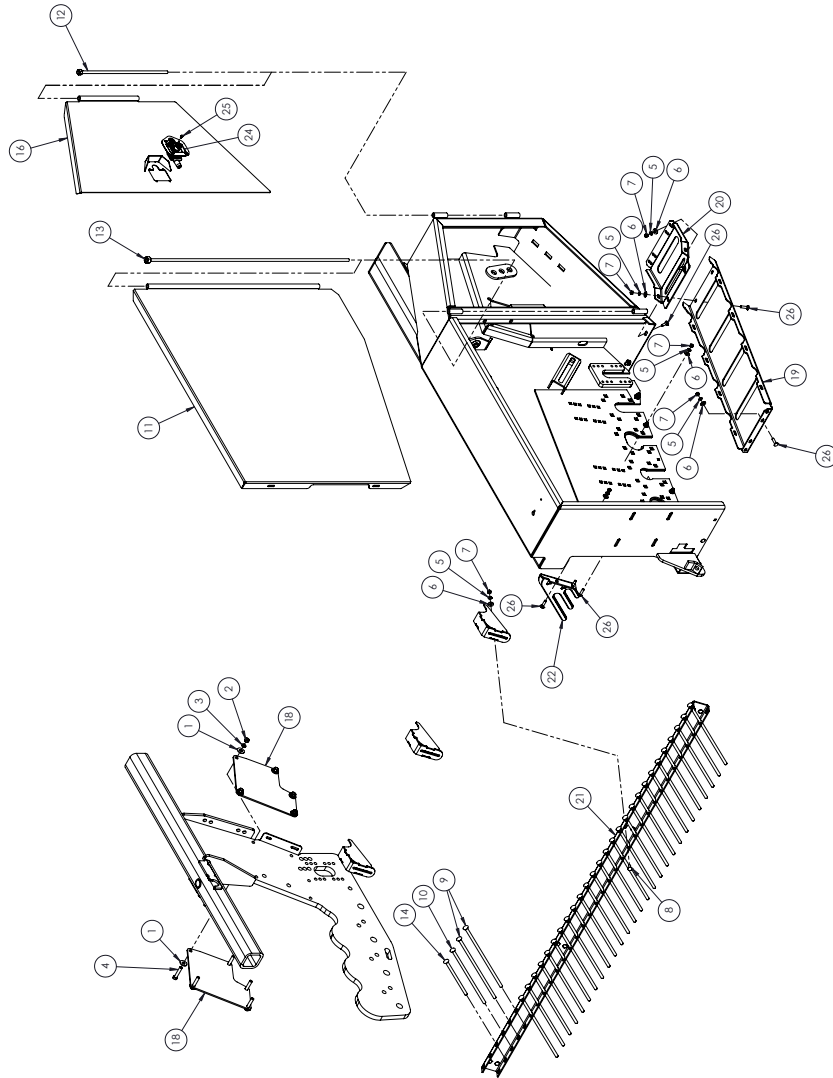
- NOTES:
1. PADDLE WLDT #'S FOR HEADS (ITEM #5)  
 12R22 - 523180  
 8R28/30 - 523190  
 8R22-6R28/30 - 559270
  - (B) 9R24/26 111"L - 565130
  - (B) 9R24/26 135"L - 565140
  2. PADDLE SHAFT ASSY IS THE SAME FOR THE  
 9R24/26 135"L - 565140  
 8R22-6R28/30 HEAD.

NOTE:  
LEFT SIDE ASSEMBLY SAME AS RIGHT.

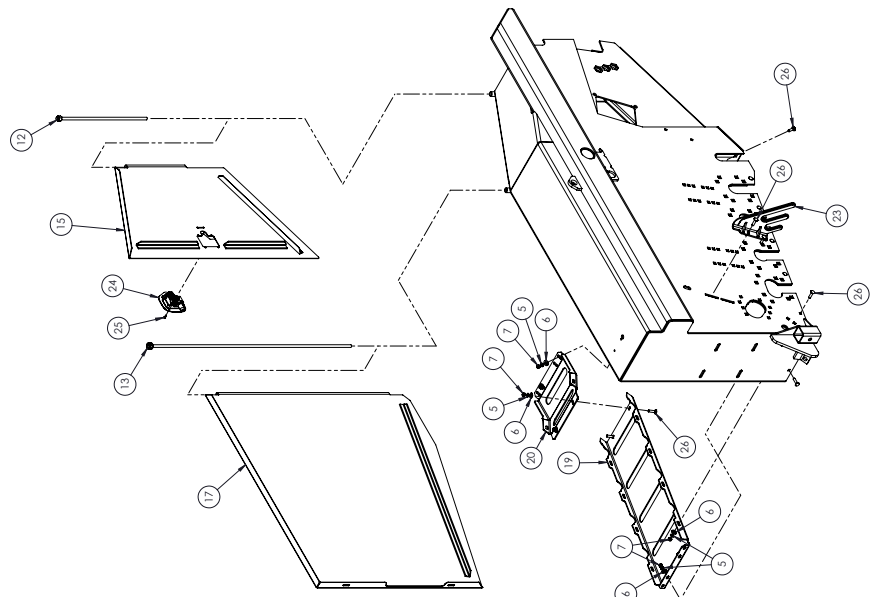


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	396120	BUSHING, MACH	1
2	519070	STAND WLDT, HEAD	1
3	216830	PIN, CLEVIS 5/8 X 3	1
4	E580035	PIN, HAIR 1/8 X 2-3/8 COTTER	1
5	523180	SHAFT WLDT, PADDLE (12R22)	1
5A	523190	SHAFT WLDT, PADDLE (8R28/30)	1
5B	559270	SHAFT WLDT, PADDLE (6R28/30 AND 8R22)	1
6	J03H1858	RHSNBOLT 0.625-11 X 2.50 GR 5 ZN	2
7	020440	WASHER, LOCK 5/8	10
8	1124589	HNUT 0.6250-11-D-ZN	10
9	990610	BOLT, HHCS 5/8-11 X 1 1/2 GR5 ZN	4
10	990620	BOLT, HHCS 5/8-11 X 2	4
11	E072358	PB BEARING, 2.0 BORE	1
12	533090	PLATE, BRG MTG	1
13	E072445	BEARING, FLANGE, 2 INCH BORE, W/LK COLLAR	1

**PADDLE SHAFT & CHAIN DRIVES - DOOR, SHIELD, & GRATE ASSEMBLY,  
(ALL HEADS EXCEPT LH 8R22-6R28/30)**



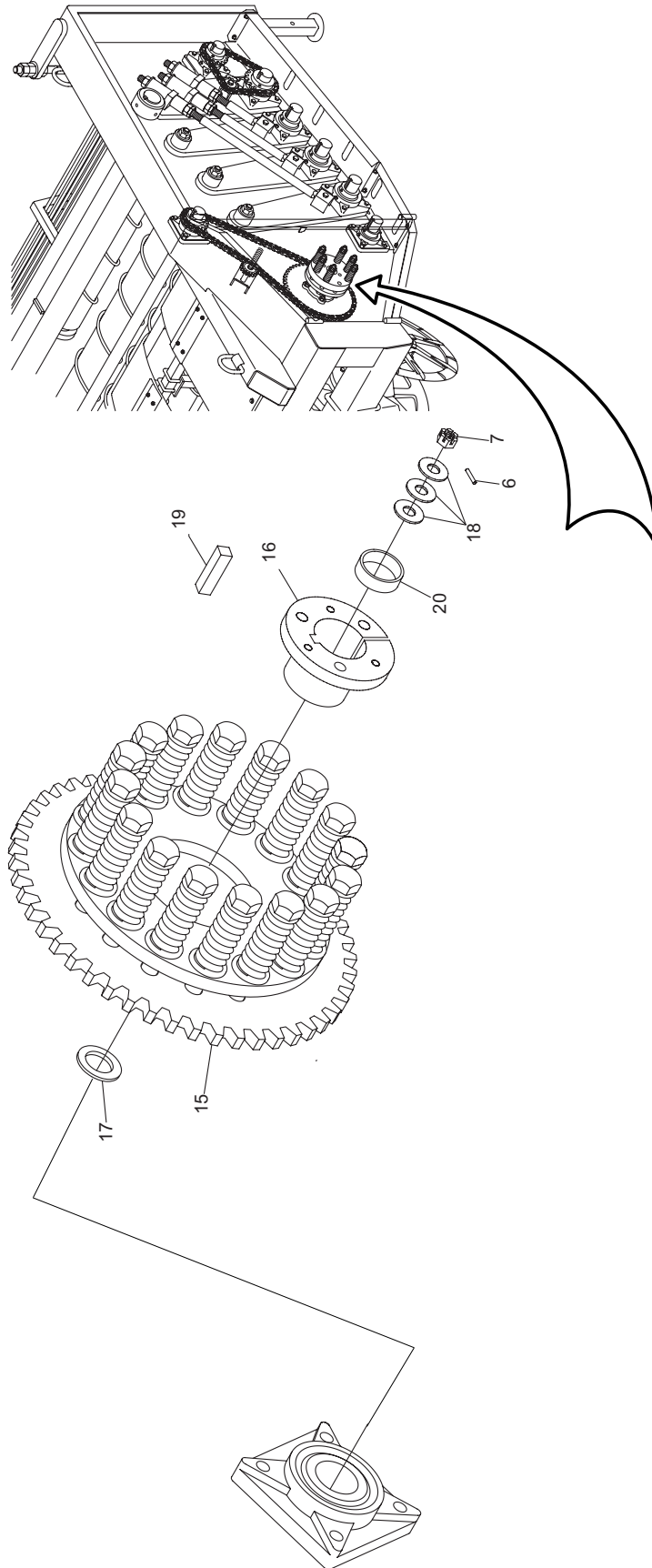
NOTE:  
 LEFT SIDE ASSY OF GRATES AND CHANNELS  
 SAME AS RIGHT FOR ALL HEADS.  
 LEFT SIDE ASSY OF DOORS AND SHIELDS SAME  
 AS RIGHT FOR 12R22 & 8R28/30 HEADS. DIFFERENT  
 FOR 8R22-6R28/30 HEAD...SEE SEPERATE PRINT.



# OF PINS (PART # 264190) REQUIRED FOR  
 EACH SIDE ASSY.  
 12R22 = 29  
 8R28/30 = 25  
 8R22-6R28/30 = 15

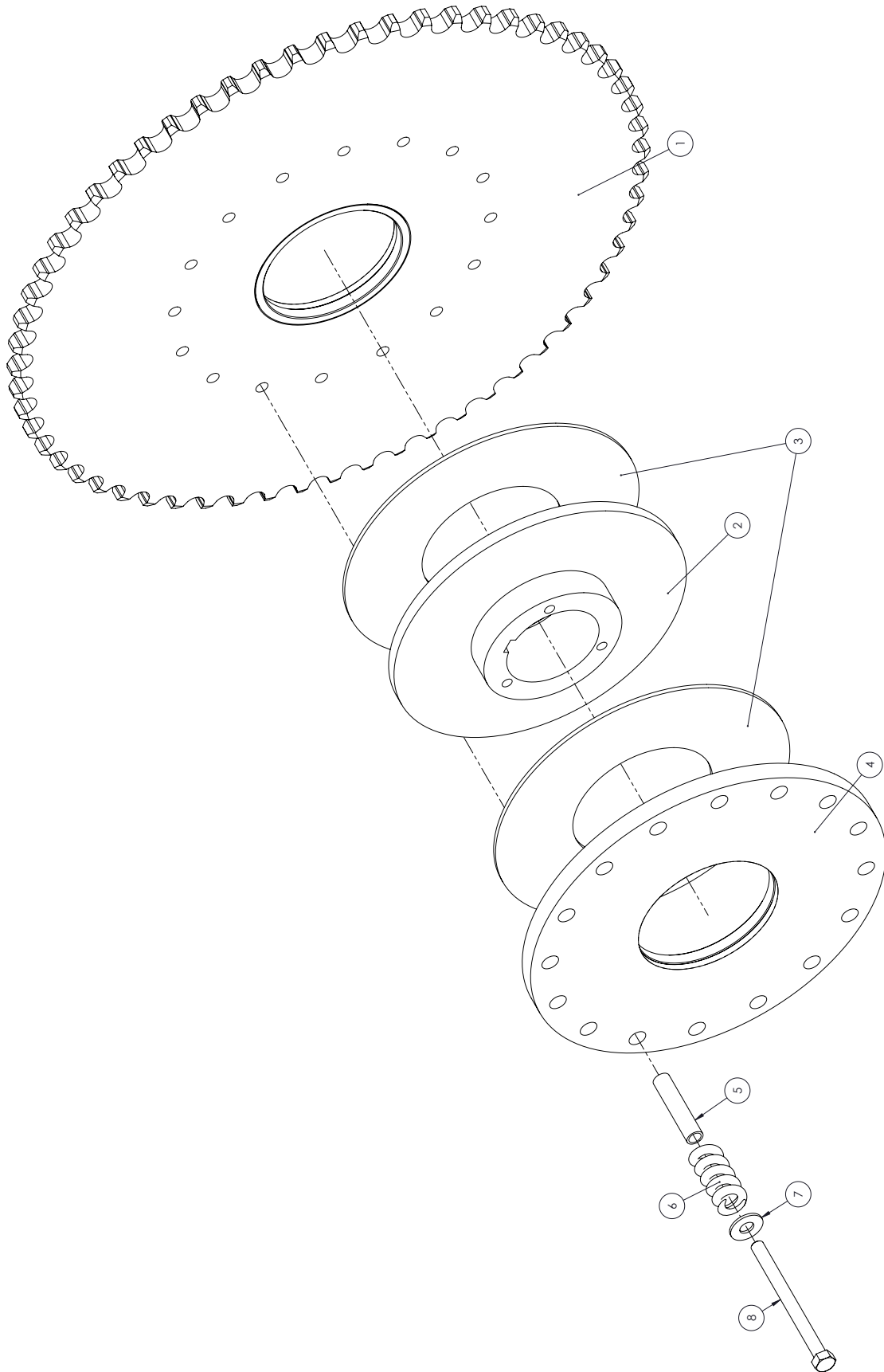
ITEM NO.	PART NUMBER	DESCRIPTION	QTY. (12R22)	QTY. (8R22/30)	QTY. (6R28/30) (8R22)
1	005200	WASHER, FLAT 1/2 STD	10		
2	005360	NUT, HEX 1/2-13	5		
3	005370	WASHER, LOCK 1/2 ZN	5		
4	007080	BOLT, HHCS 1/2-13 x 2-1/2	5		
5	021180	WASHER, LOCK 3/8	42		
6	021190	WASHER, FLAT 3/8 STD	42		
7	027260	NUT, HEX 3/8-16 GR5	42		
8	170530	BOLT, CRG 3/8-16 X 1"	16		
9	264190	ROD, GRATE .5 x 16.50	58	50	30
10	347540	ROD, GRATE .5 x 14.75	2		
11	518700	DOOR WLDT, HEAD RH	1		
12	518710	Pin Wldt, Door	2		
13	518720	Pin Wldt, Door	2		
14	532050	ROD, GRATE .5 x 9.25	2		
15	551665	DOOR WELDMENT	1		
16	551675	DOOR WELDMENT	1		
17	551700	DOOR WLDT, HEAD LH	1		
18	558980	SHEET, '07 UHMW	2		
19	559060	PANEL, '07 GEN.	2		
20	559070	PANEL, '07 GEN.	2		
21	561340	CHANNEL, GRATE (12R22)	2	-	-
	561330	CHANNEL, GRATE (8R28/30)	-	2	-
	561230	CHANNEL, GRATE (6R28/30 AND 8R22)	-	-	2
22	609251	GUARD, RH WLDT	1		
23	609254	GUARD, LH WLDT	1		
24	622027	LATCH, DOOR	2		
25	1159920	SCREW, PHMS 10-24 X 1/2"	8		
26	J03H1558	BOLT, CRG 3/8-16 X 1-1/2	26		

PADDLE SHAFT AND CHAIN DRIVES - PADDLE SHAFT CLUTCH ASSEMBLY



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	E126201	BUSHING, MACH 2.5 X 3.87 X 0.134	2
2	411260	FLANGE, SPRING CLUTCH	2
3	411410	HOUSING ASSY, CLUTCH	2
4	432690	SPROCKET, 80A60	2
5	238430	HUB WLDT., SLIP CLUTCH	2
6	040900	PIN, ROLLER 3/16 X 1-5/8 ZN	2
7	042110	NUT, SLOTTED 1-14 GR5 ZN HEX	2
8	1121555	NUT, JAM 5/8-11 HEX ZN GR5	24
9	I25547R1	WASHER, FLAT 21/32 X 1-5/16 X 3/16 PHC	12
10	239080	SPRING, COMPRESSION SLIP CLUTCH	12
11	201660	BOLT, HHCS 5/8-11 X 6 GR5 ZN	12
12	225040	JAW HARDENED SLIP CLUTCH	4
13	1770500	BOLT, HHCS 1/2-13 X 1-3/4 GR5 ZN	8
14	I9413967	NUT, LOCK 1/2-13 GRB CAD PLATED TOP LOCK	8
15	551340	CLUTCH, SLIP PADDLE SHAFT	2
16	288070	BUSHING, SPLIT TAPER Q1 1-3/4	2
17	389930	WASHER, FLAT 1-25/32 X 2-1/2 X 12GA.	2
18	1107389	WASHER, FLAT 1 SAE 1-1/16 X 2 X 1/8 ZN	6
19	030380	KEY, SQ. 3/8 X 3	2
20	549700	SPACER, 1.76 ID X 2.0 OD X .63L	2

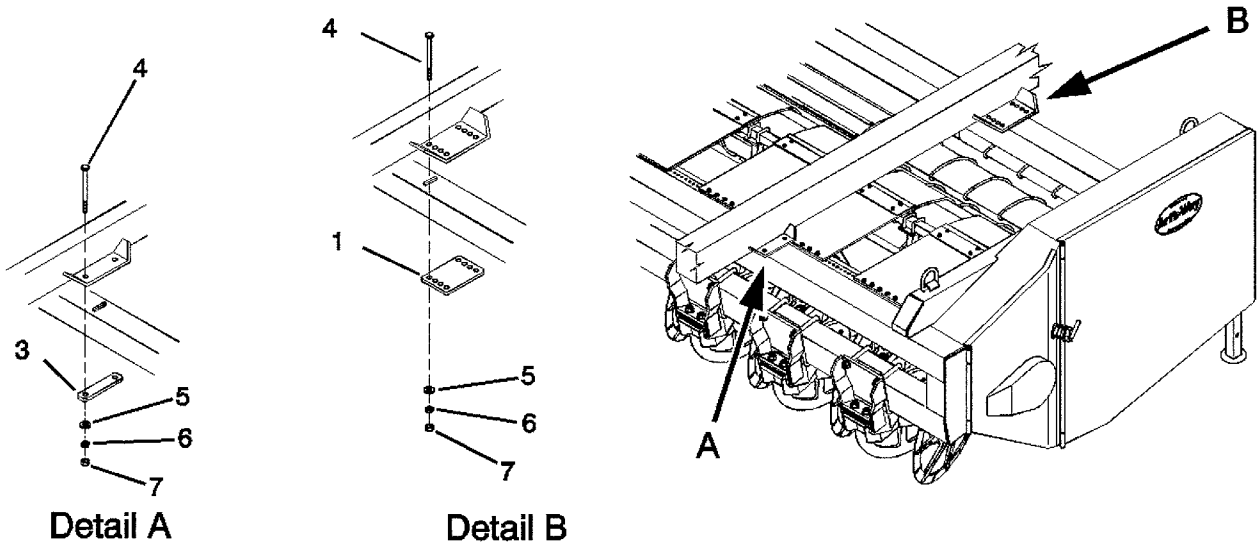
CLUTCH, SLIP PADDLE SHAFT ASSEMBLY, 551340



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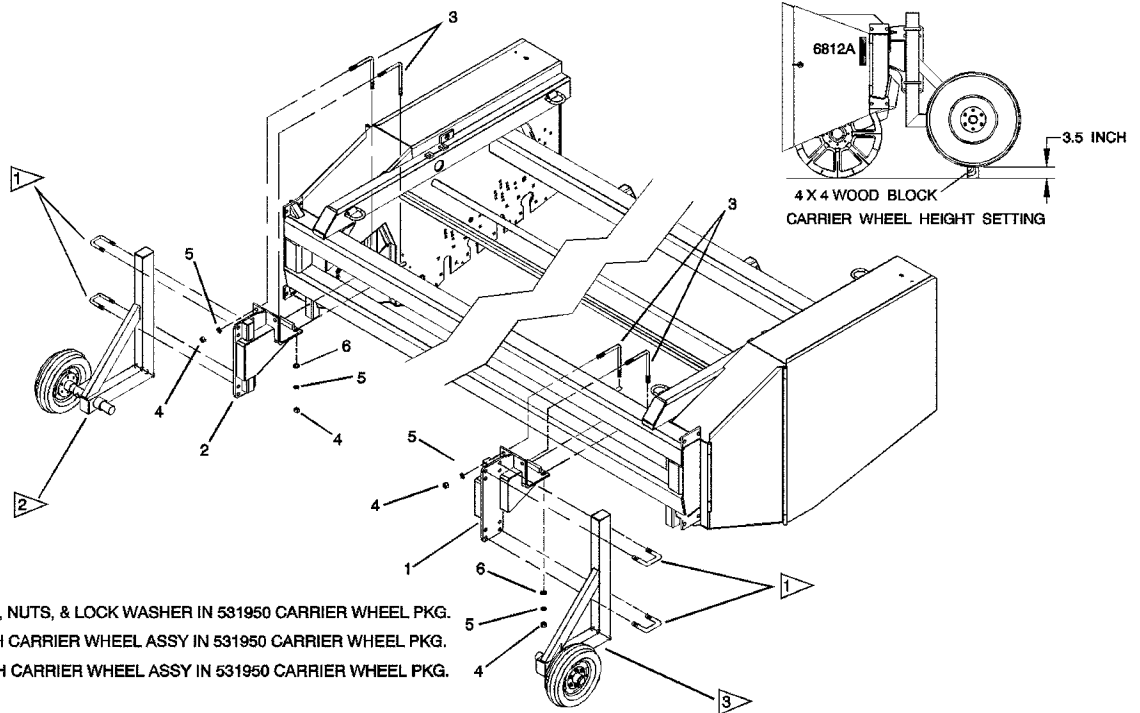
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	551350	SPROCKET, CLUTCH	1
2	616030	ROTOR	1
3	511980	DISK, FRICTION	2
4	616040	PRESSURE PLATE	1
5	616050	SPACER	16
6	616060	SPRING	16
7	021190	WASHER, FLAT 3/8 STD	16
8	991160	BOLT, HHCS 3/8-16 x 4"	16

HEAD TO BASIC UNIT MOUNTING ASSEMBLY



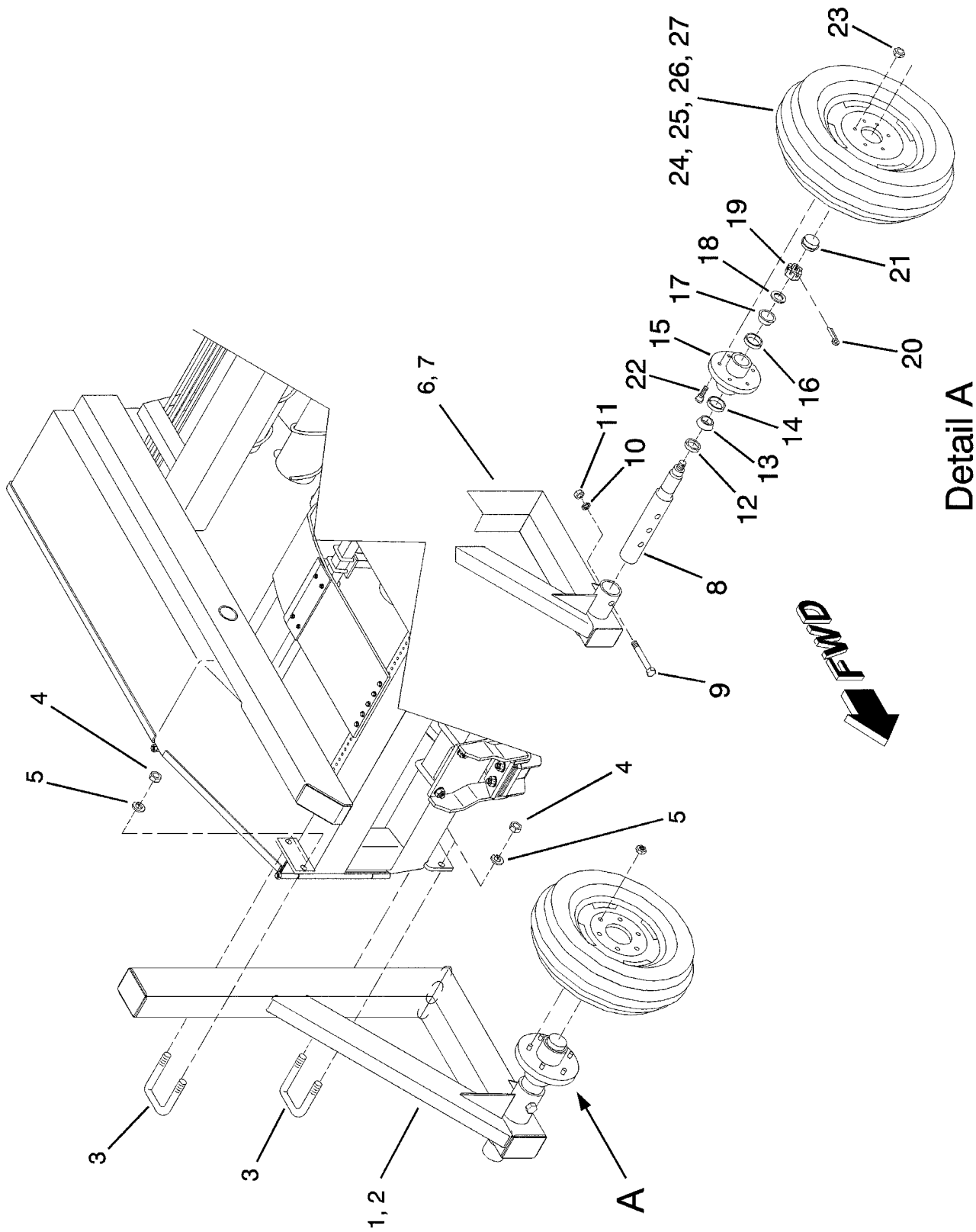
ITEM NO.	PARTNUMBER	DESCRIPTION	QTY.
1	520350	PLATE, REAR HEAD MTG., 8 HOLE	2
3	520370	PLATE, FRONT HEAD MTG., 2 HOLE	4
4	991050	BOLT, HHCS, 3/4-10 X 8-1/2 GR5 ZN	24
5	I131017	WASHER, FLAT, 3/4 SAE X 13/16 X 1-15/32 X 9/64 ZN	48
6	036800	WASHER, LOCK, 3/4 SAE (MED) X 1-17/64 X 3/16 ZN	24
7	J14H794	NUT, HEX 3/4-10 GR5 ZN	24

FRONT CARRIER WHEELS ASSEMBLY, MOUNTING PACKAGE



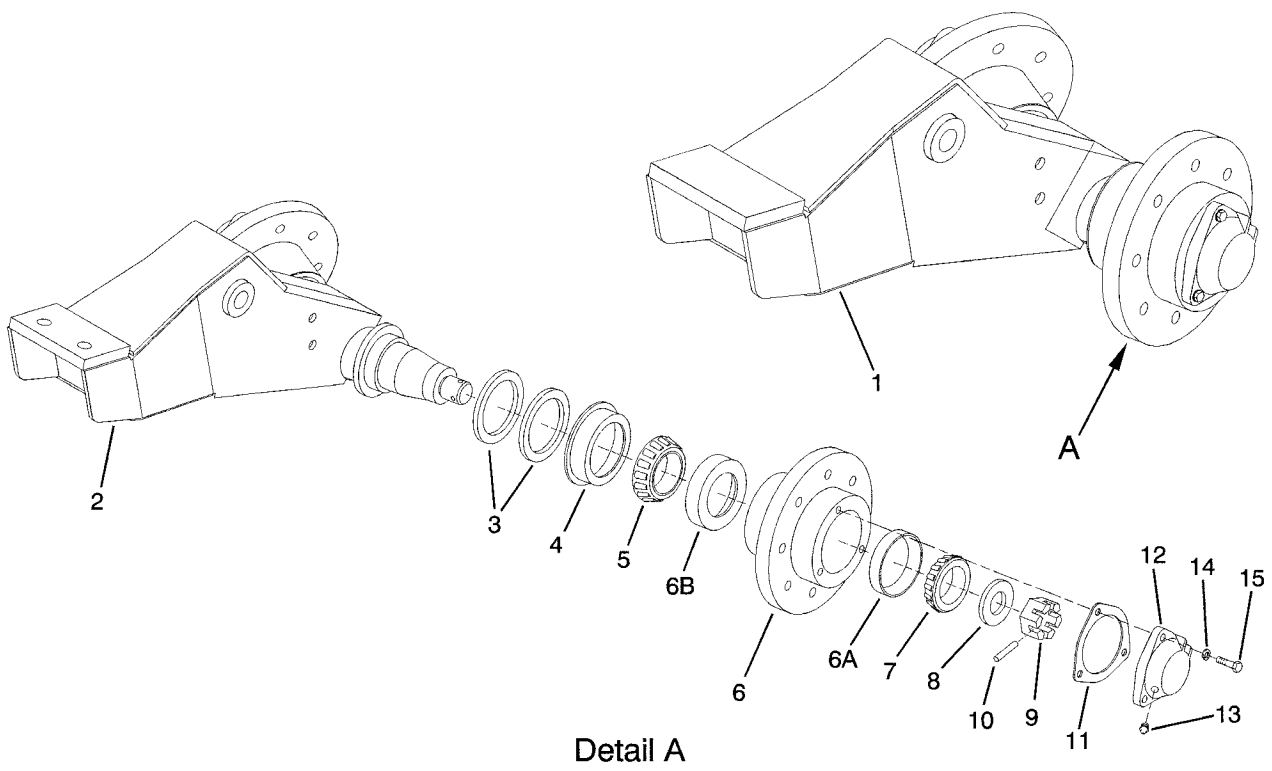
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	533520	MOUNT, WLDT., LH CARRIER	1
2	533530	MOUNT, WLDT., RH CARRIER	1
3	533600	BOLT, LOCK 3/4 X 10-8.5 X 8.5	4
4	J14H794	NUT, HEX 3/4 X 10	8
5	036800	WASHER, LOCK 3/4	8
6	J24H1401	WASHER, FLAT 0.781 X 1.75 X 0.19	4

CARRIER WHEEL ASSEMBLY



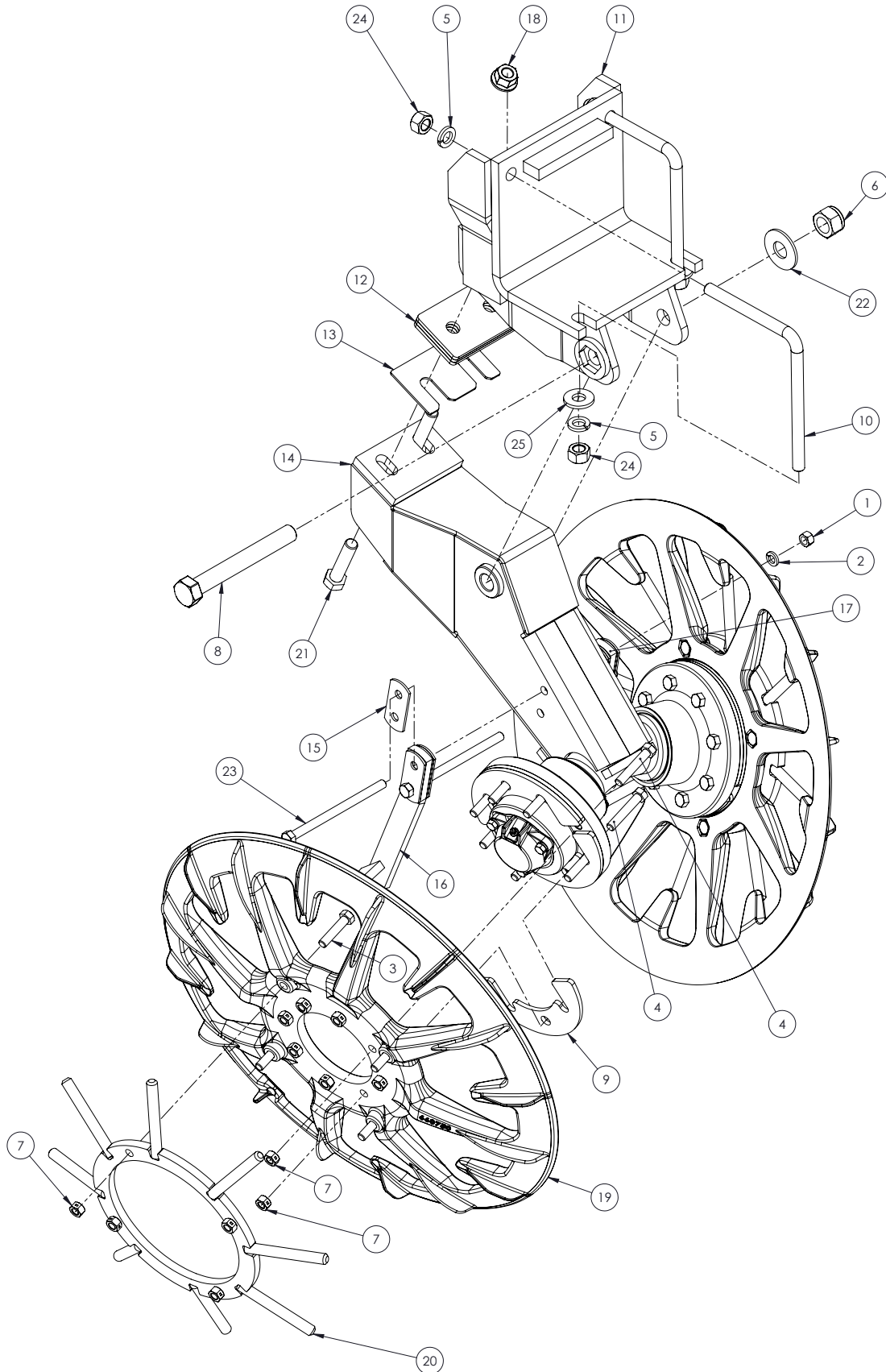
ITEM NO.	PARTNUMBER	DESCRIPTION	QTY.
1	520930	CARRIER WHEEL ASSEMBLY, LH 6812C (NOT SHOWN)	1
2	520940	CARRIER WHEEL ASSEMBLY, RH 6812C	1
3	534400	U-BOLT, 3/4-10 X 4.0 X 4-3/4	4
4	J14H794	NUT, HEX 3/4-10 GR5 ZN	8
5	036800	WASHER, LOCK 3/4 SAE (MED) X L-17/64 X 3/16 ZN	8
6	520950	FRAME WLDT., LH CARRIER WHEEL	1
7	520960	FRAME WLDT., RH CARRIER WHEEL	1
8	523380	SPINDLE, CARRIER WHEEL	1
9	I271729	BOLT, HHCS 5/8-11 X 3-1/2	1
10	020440	WASHER, LOCK 5/8	1
11	I124589	NUT, HEX 5/8-11	1
12	121130	SEAL, 2.12 X 3.06 X 0.50	1
13	007600	BEARING, CONE 1.62	1
14	018930	INNER CUP	1
15	007590	HUB, 6 BOLT	1
16	018860	OUTER CUP	1
17	012630	BEARING, CONE 1.25	1
18	020720	WASHER, FLAT 13/16 X 1-3/4 X 3/16	1
19	020710	NUT, SLOTTED 3/4-16	1
20	026630	PIN COTTER 5/32 X 1-1/2	1
21	035420	CAP, HUB 2-1/2	1
22	046700	BOLT, STUD 9/16-18 X 2-1/8	6
23	046710	NUT, WHEEL 9/16-18	6
24	500770	WHEEL & TIRE ASSEMBLY	1
25	U51900004	WHEEL, 15 X 10 LB, 6-6-4.62, 3800#	1
26	I1980927C1	TIRE, 11L-15 8 PLY TL UTIL	1
27	164420	STEM VALVE CORE & CAP	1

LIFTER GROUPING – STRUT ASSEMBLY



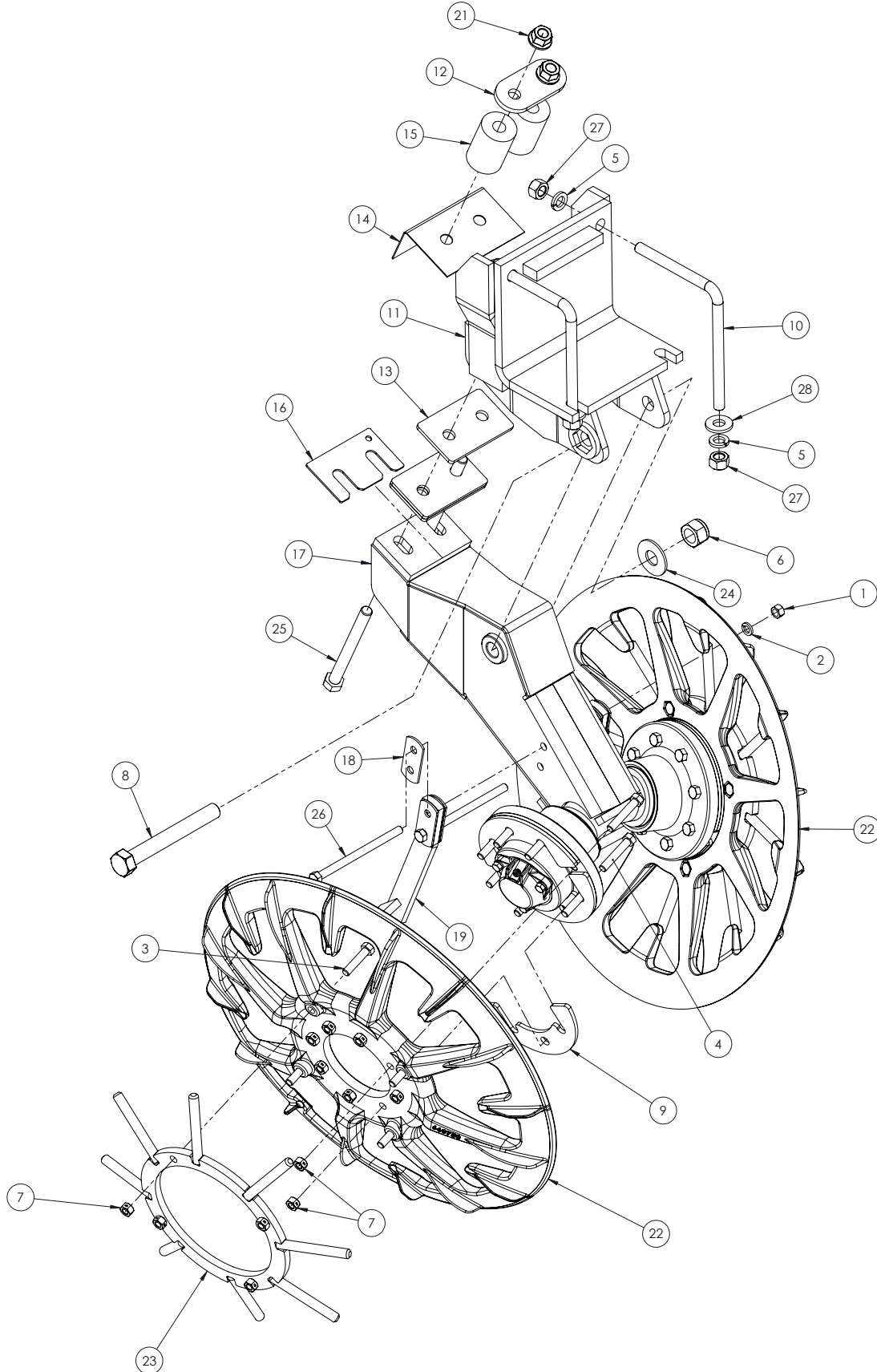
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	521780	STRUT ASSEMBLY, FLEXIBLE PIVOT	1
2	521820	STRUT WLDT, PIVOT FLEX	1
3	263170	WASHER, FELT	4
4	263160	RETAINER, FELT	2
5	261640	CONE BEARING, TM#28985 2.38 ID	2
6	267430	HUB ASSEMBLY, STRUT	2
6A	E072462	CUP, BEARING	1
6B	261650	CUP, BEARING	1
7	184960	CONE BEARING, TM#368 2.00 ID	2
8	E829036	WASHER, 1.31 X 2.50 X 0.156	2
9	340320	NUT, SLOTTED 1-1/4 FLANGE	2
10	013600	PIN, ROLL 0.25 X 2.00	2
11	JN70509	GASKET, HUB	2
12	JN72550	CAP, HUB LIFTER WHEEL	2
13	JJD7798	FTG, 1/8-27 SPEC. TAPER DR	2
14	021180	WASHER, LOCK 3/8	6
15	012260	BOLT, HHCS 3/8-16 X 1.0	6

LIFTER GROUPING - FIXED STRUT ASSEMBLY



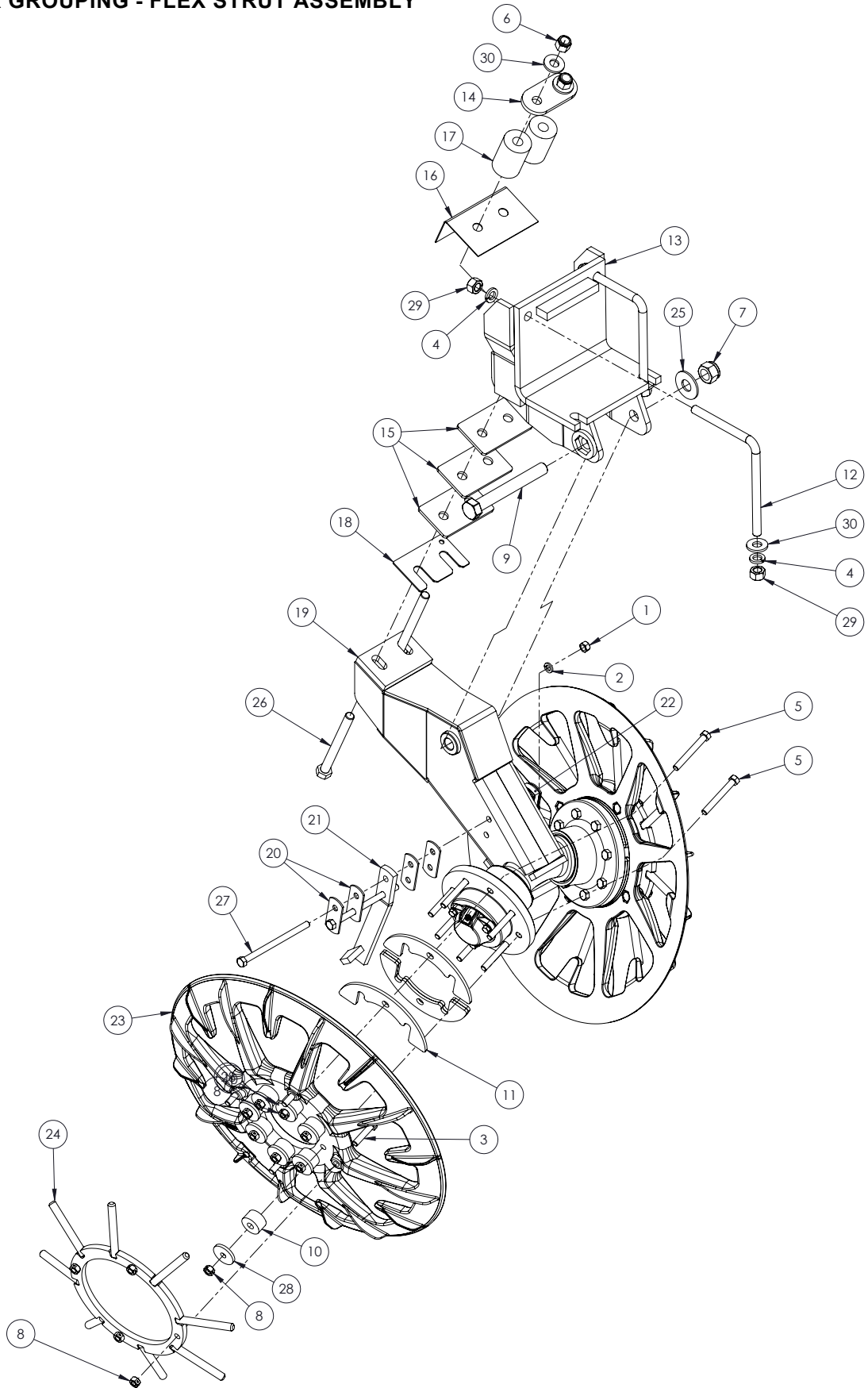
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005360	NUT, HEX 1/2-13	2
2	005370	WASHER, LOCK 1/2	2
3	013790	BOLT, HHCS 1/2-13 x 2 Gr5 ZN	8
4	031580	BOLT, HHCS 1/2-13 X 2-3/4"	16
5	036800	WASHER, LOCK 3/4 SAE	4
6	1110440	NYLON INSERT LOCKNUT, 1-8 UNC	1
7	127890	NUT, LOCK 1/2-13	24
8	252020	BOLT, HHCS 1-8 X 8"	1
9	268570	SPACER, BEET	8
10	403860	BOLT, "L"	2
11	431590	UPPER WLDT,	1
12	436800	SHIM, PIVOT	3
13	516180	SHIM, PIVOT, 10 GA.	1
14	521780	STRUT ASSY,	1
15	521790	SHIM, SCRAPER	8
16	521800	SCRAPER WLDT,	1
17	521810	SCRAPER WLDT,	1
18	600160	NUT, HFH TOPLOCK 3/4-10	2
19	660750	WHEEL, LIFTER	2
20	660755	CLOSE-UP, 2019	2
21	990580	HBOLT 0.7500-10x3.25x3.25-N	2
22	990720	WASHER, FLAT 1" STD	1
23	E672288	Bolt, HHCS 1/2-13 x 7-1/2 Gr5 ZN	2
24	J14H794	NUT, HEX 3/4-10 GR5 ZN	4
25	J24H1401	WASHER, FLAT	2

LIFTER GROUPING - HYBRID STRUT ASSEMBLY



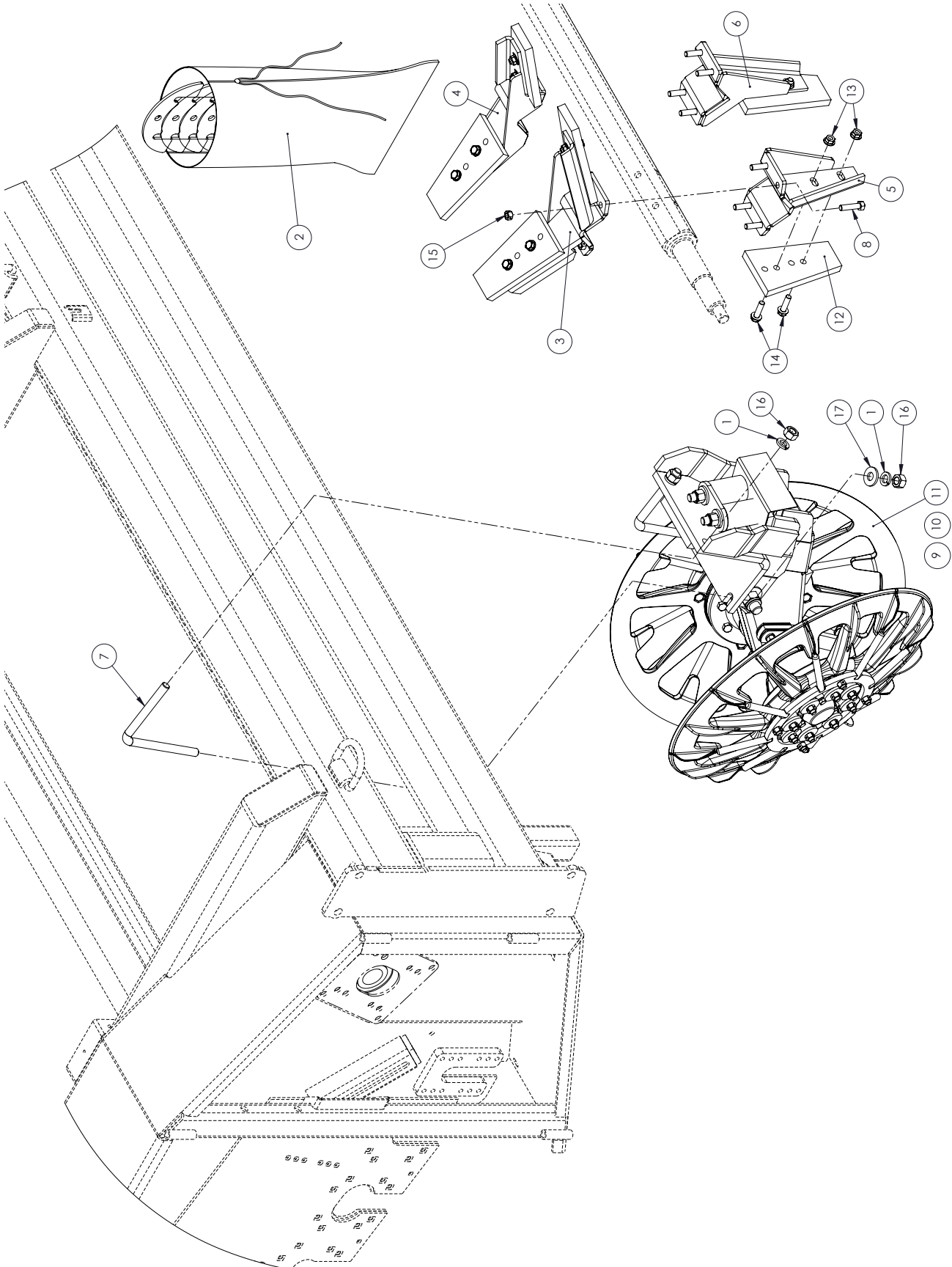
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005360	NUT, HEX 1/2-13	2
2	005370	WASHER, LOCK 1/2	2
3	013790	BOLT, HHCS 1/2-13 x 2 Gr5 ZN	8
4	031580	BOLT, HHCS 1/2-13 X 2-3/4"	16
5	036800	WASHER, LOCK 3/4 SAE	4
6	1110440	NYLON INSERT LOCKNUT, 1-8 UNC	1
7	127890	NUT, LOCK 1/2-13	24
8	252020	BOLT, HHCS 1-8 X 8"	1
9	268570	SPACER, BEET	8
10	403860	BOLT, "L"	2
11	431590	UPPER WLDT,	1
12	433150	WASHER, DOUBLE FLAT	1
13	436800	SHIM, PIVOT	3
14	458950	SHIELD, PIVOT STRUT	1
15	515890	PAD, FLEX	2
16	516180	SHIM, PIVOT, 10 GA.	1
17	521780	STRUT ASSY,	1
18	521790	SHIM, SCRAPER	8
19	521800	SCRAPER WLDT,	1
20	521810	SCRAPER WLDT,	1
21	600160	NUT, HFH TOPLOCK 3/4-10	2
22	660750	WHEEL, LIFTER	2
23	660755	CLOSE-UP, 2019	2
24	990720	WASHER, FLAT 1" STD	1
25	990980	BOLT, HHCS 3/4-10 X 7-1/2"	2
26	E672288	Bolt, HHCS 1/2-13 x 7-1/2 Gr5 ZN	2
27	J14H794	NUT, HEX 3/4-10 GR5 ZN	4
28	J24H1401	WASHER, FLAT	2

LIFTER GROUPING - FLEX STRUT ASSEMBLY



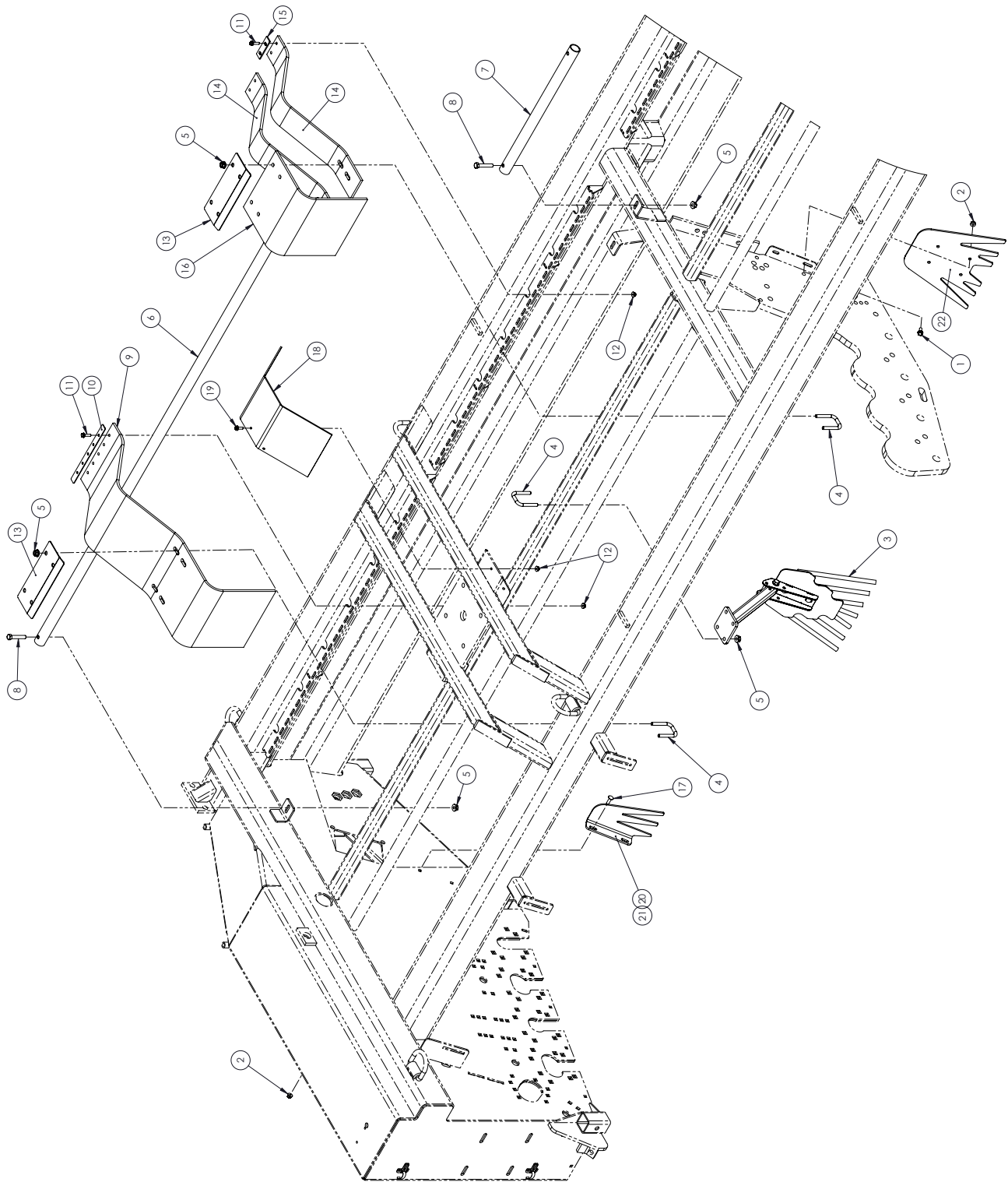
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005360	NUT, HEX 1/2-13	2
2	005370	WASHER, LOCK 1/2	2
3	013790	BOLT, HHCS 1/2-13 x 2 Gr5 ZN	8
4	036800	WASHER, LOCK 3/4 SAE	4
5	038560	BOLT, HHCS 1/2-13 X 4"	16
6	1100238	NUT, NYLOK 3/4-10 UNC	2
7	1110440	NYLON INSERT LOCKNUT, 1-8 UNC	1
8	127890	NUT, LOCK 1/2-13	24
9	252020	BOLT, HHCS 1-8 X 8"	1
10	267710	PAD, FLEX	16
11	268570	SPACER, BEET	8
12	403860	BOLT, "L"	2
13	431590	UPPER WLDT,	1
14	433150	WASHER, DOUBLE FLAT	1
15	436800	SHIM, PIVOT	3
16	458950	SHIELD, PIVOT STRUT	1
17	515890	PAD, FLEX	2
18	516180	SHIM, PIVOT, 10 GA.	1
19	521780	STRUT ASSY,	1
20	521790	SHIM, SCRAPER	8
21	521800	SCRAPER WLDT,	1
22	521810	SCRAPER WLDT,	1
23	660750	WHEEL, LIFTER	2
24	660755	CLOSE-UP, 2019	2
25	990720	WASHER, FLAT 1" STD	1
26	990980	BOLT, HHCS 3/4-10 X 7-1/2"	2
27	E672288	Bolt, HHCS 1/2-13 x 7-1/2 Gr5 ZN	2
28	I486801R1	WASHER, FLAT 1/2	16
29	J14H794	NUT, HEX 3/4-10 GR5 ZN	4
30	J24H1401	WASHER, FLAT	4

PADDLES & STRUT INSTALL ASSEMBLY, (ALL HEADS)



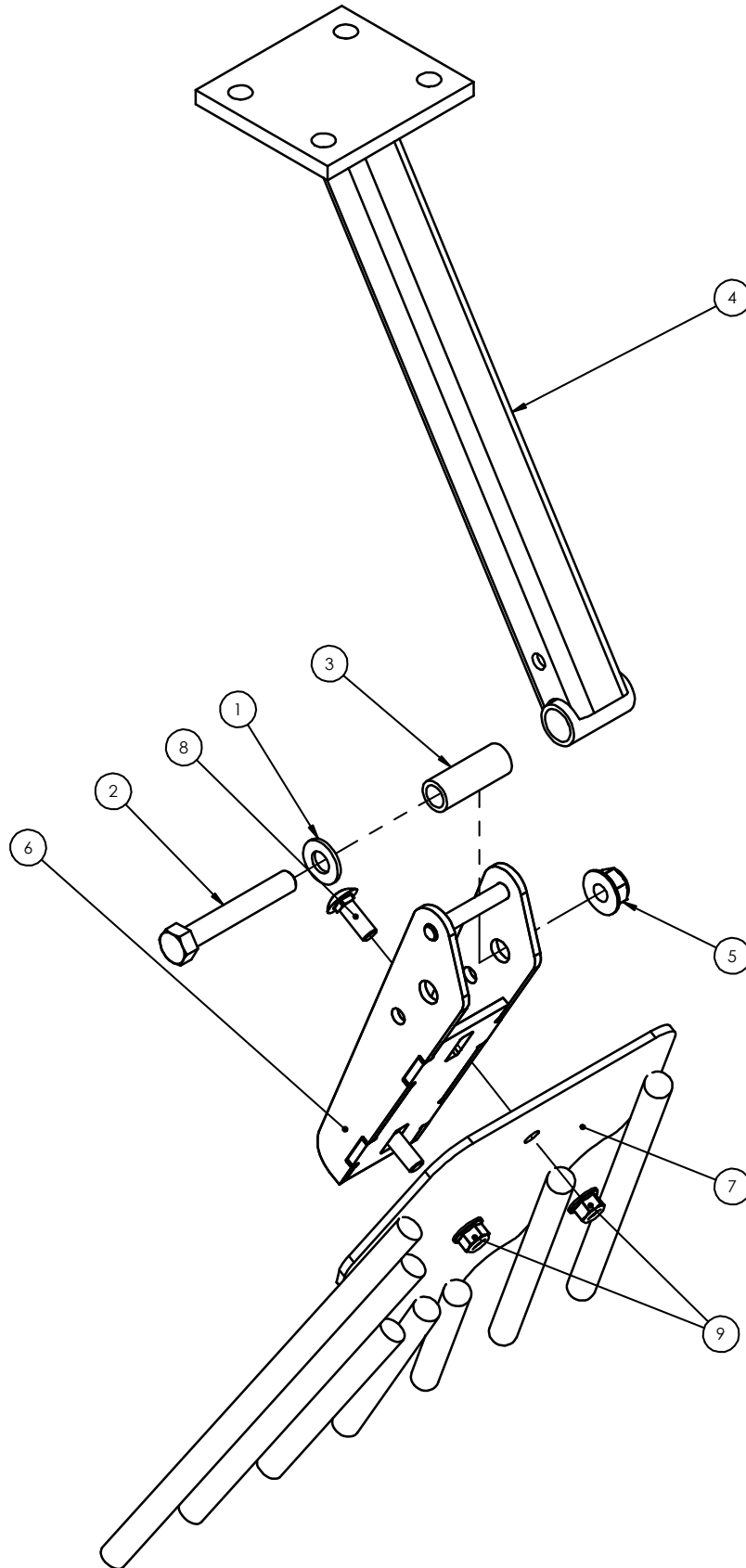
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	036800	WASHER, LOCK 3/4 SAE	48
2	340330	BAG, SPACER LIFTER WHEEL	1
3	354220	PADDLE WLDT,	12
4	354230	PADDLE WLDT,	12
5	354240	PADDLE WLDT,	12
6	354250	PADDLE WLDT,	12
7	403860	BOLT, "L"	24
8	407610	BOLT, HHCS 1/2-13 X 2 GR8 ZN	96
9	521760	FIXED STRUT ASM	12
10	521765	HYBRID STRUT ASM	12
11	521770	FLEX STRUT ASM	12
12	558340	PADDLE, RUBBER	72
13	600140	NUT, HFH NYLOC 1/2-13	144
14	600230	BOLT, HFH 1/2-13	144
15	I9413967	NUT, HEX 1/2-13 GR5 ZN	96
16	J14H794	NUT, HEX 3/4-10 GR5 ZN	48
17	J24H1401	WASHER, FLAT	24
ITEMS 1, 7, 16, & 17 INCLUDED WITH ITEMS 9, 10, & 11			

RUBBER COVERS & BARRIERS ASSEMBLY, (ALL HEADS)



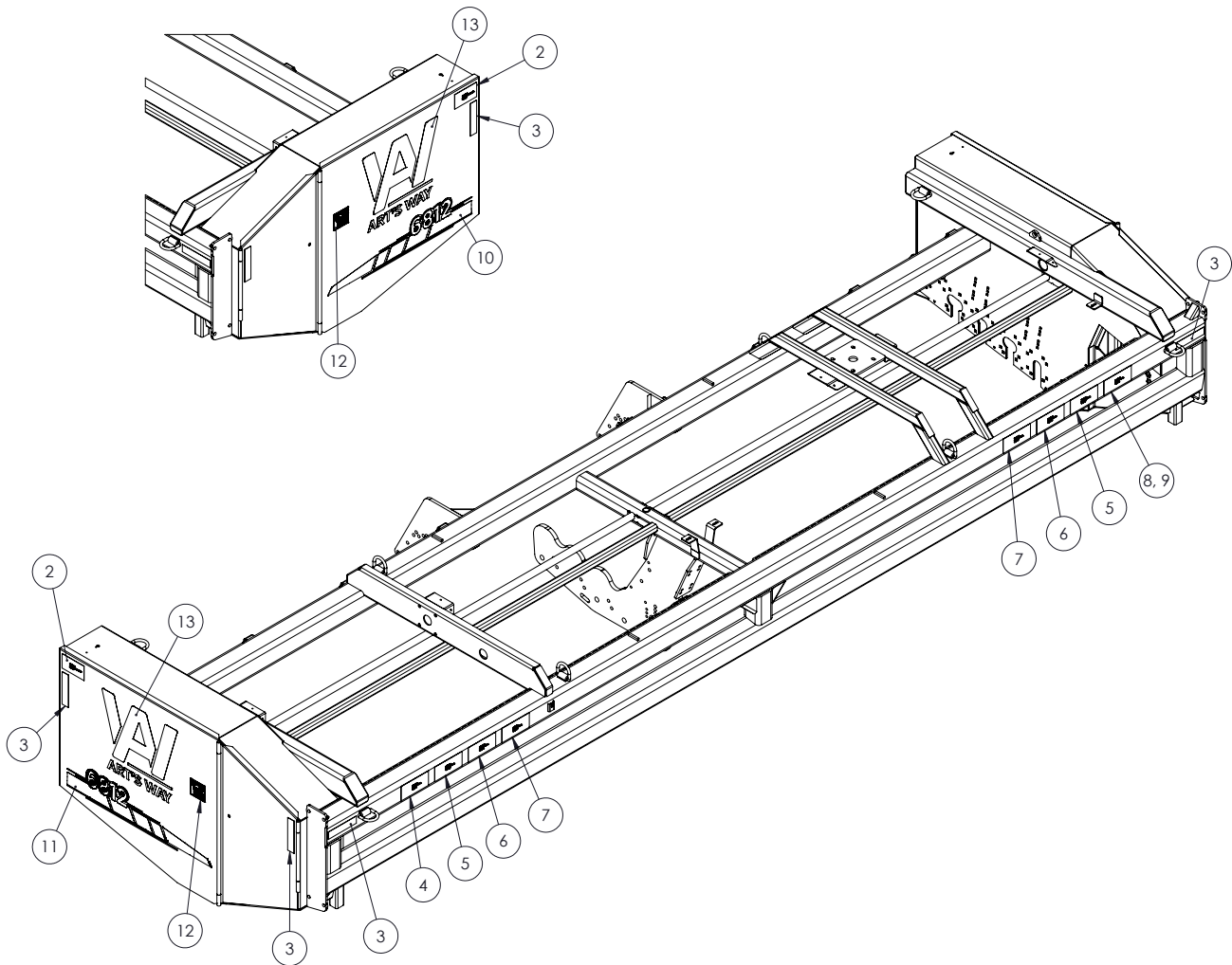
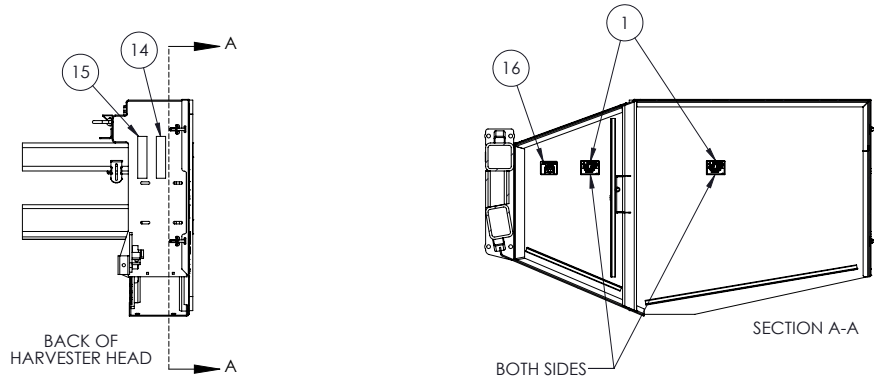
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	600050	BOLT, HFH 3/8-16 X 1.00"	4
2	600120	NUT, HFH NYLOC 3/8-16	8
3	597650	BARRIER ASM	10
4	290890	BOLT, U	44
5	600140	NUT, HFH NYLOC 1/2-13	92
6	558450	TUBE, COVER HOLDER	2
7	558390	TUBE, SHORT	2
8	031580	BOLT, HHCS 1/2-13 X 2-3/4"	4
9	558360	COVER, '07 GENERATION	10
10	443060	STRAP, COVER HOLDER	10
11	609240	BOLT, HFH 5/16-18	58
12	600110	NUT, HFH NYLOC 5/16-18	67
13	481620	BRACKET, COVER	12
14	558420	COVER, RUBBER	4
15	558440	PLATE, COVER	4
16	558430	COVER, REAR	2
17	035180	BOLT, CRG 3/8-16 X 1-1/4"	4
18	526720	DEFLECTOR, RUBBER	3
19	600060	BOLT, HFH 5/16-18 X 1"	9
20	609210	BARRIER, LH	1
21	609220	BARRIER, RH	1
22	609230	BARRIER, CENTER	1

**RUBBER COVERS & BARRIERS - BARRIER ASSEMBLY, (ALL HEADS)**



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005200	WASHER, FLAT 1/2 STD	1
2	041410	HHCS, 1/2-13 X 3.25, G5, ZN	1
3	595510	TUBE, SPACER	1
4	595910	BARRIER MOUNT	1
5	600140	NUT, HFH NYLOC	1
6	595990	MOUNT, BARRIER	1
7	595980	BARRIER COMB WLDT	1
8	170530	BOLT, CRG 3/8-16 X 1 SSN GR5 ZN	2
9	600120	NUT, HFH NYLOC	2

HEADER DECALS

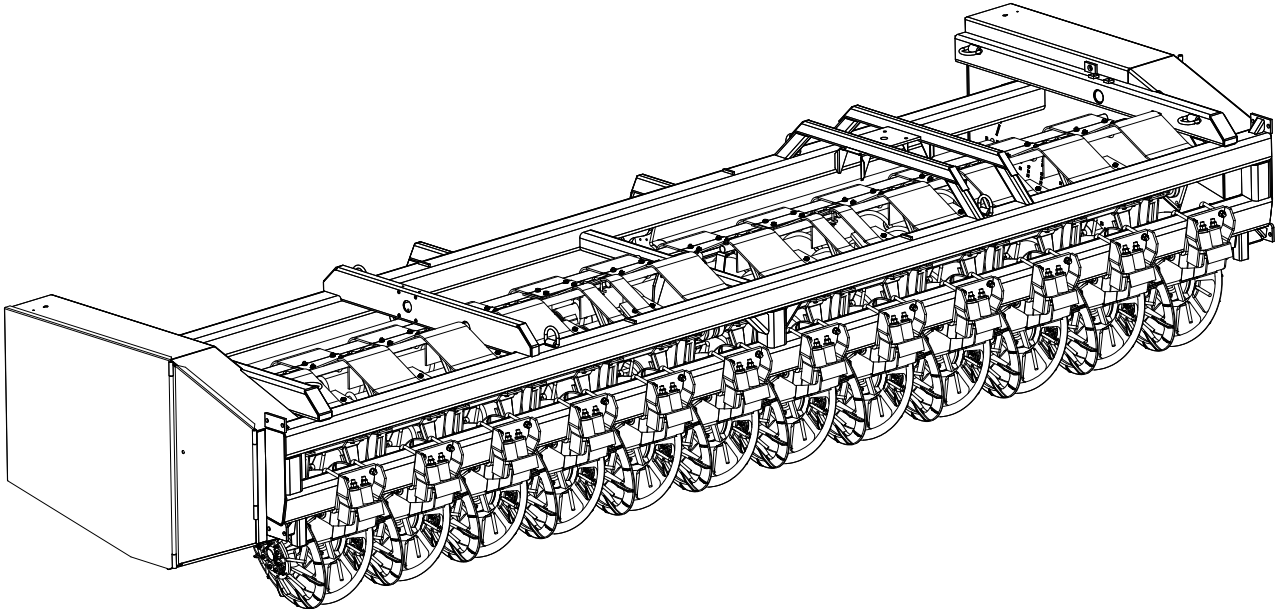


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	467430	DECAL, DANGER, SHIELD MISSING	4
2	467470	DECAL, WARNING, OVERHEAD HAZARD	2
3	476460	TAPE, YELLOW, RETRO-REFLECTIVE	6
4	467440	DECAL, DANGER, ELECTROCUTION	1
5	467410	DECAL, DANGER, ROTATING ROLL HAZARD	2
6	467400	DECAL, WARNING, THROWN OBJECT HAZARD	2
7	467420	DECAL, WARNING, NO RIDERS/FALLING HAZARD	2
8	355500	TAG, SERIAL NUMBER, FINISHED	1
9	133420	PATENT PENDING	4
10	720705	DECAL, 6812 LEFT	1
11	720700	DECAL, 6812 RIGHT	2
12	467450	DECAL, WARNING, MOVING PART HAZARD	2
13	720100	DECAL, NEW ARTS WAY LOGO	2
14	476450	TAPE, RED, RETRO-REFLECTIVE	2
15	476470	TAPE, RED-ORANGE, FLORESCENT	2
16	289500	DECAL, IDLER SPRING 4-1/2 INCH	1 or 2

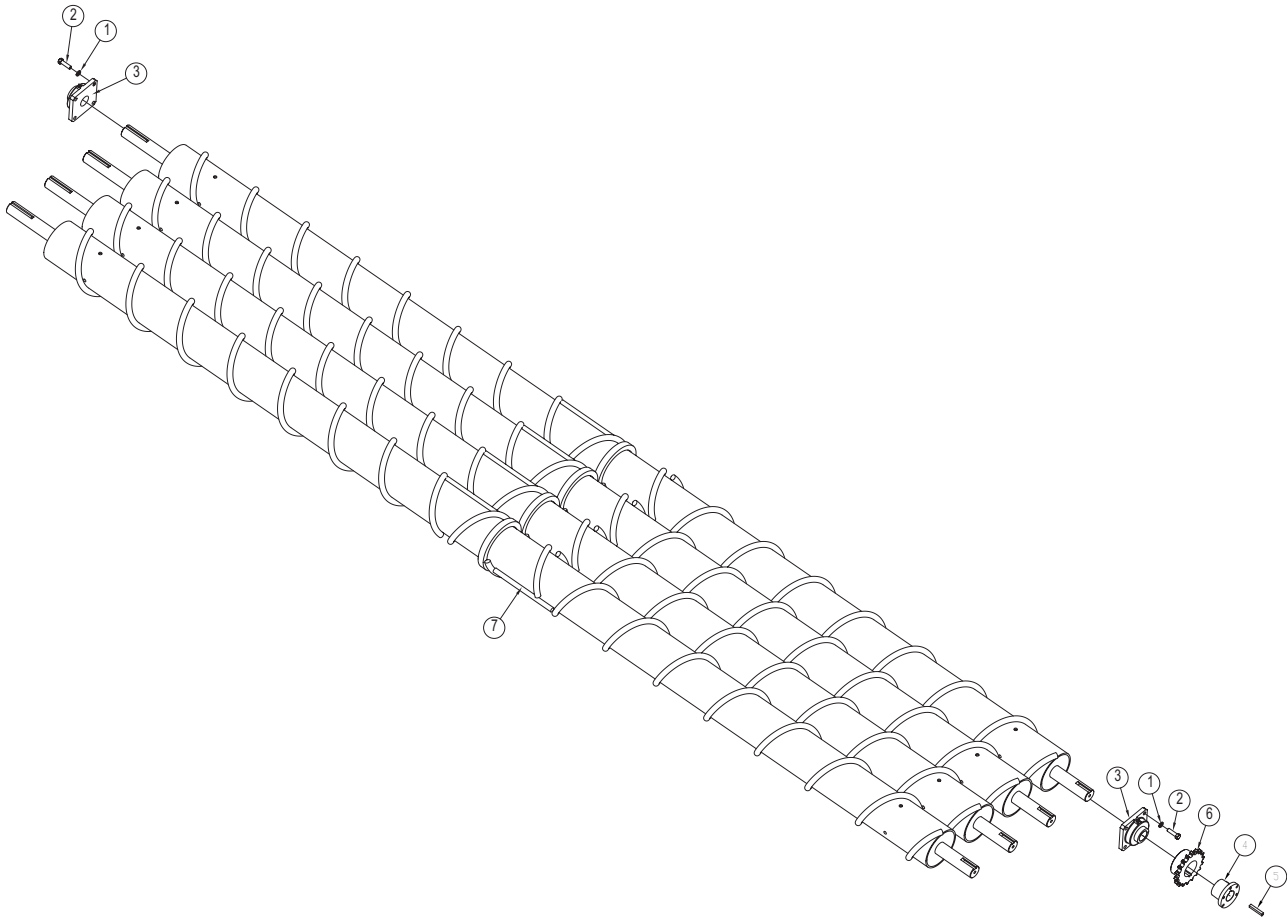
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**SECTION 3: OTHER HEAD OPTIONS**

8R22-6R28/30

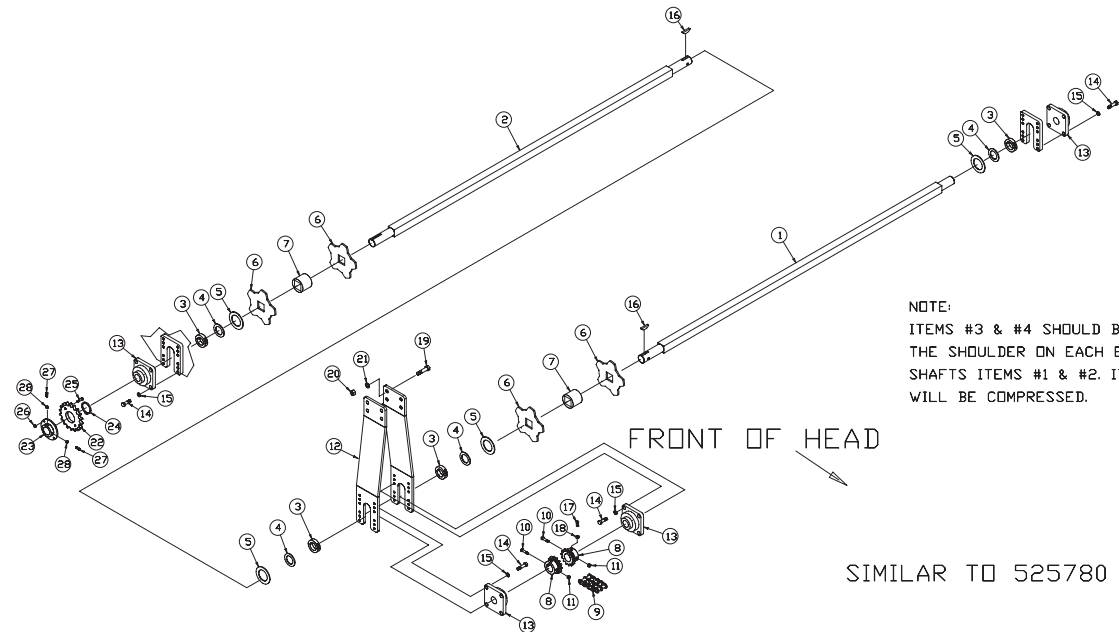
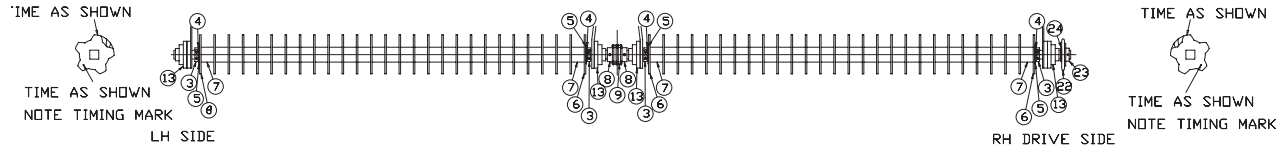


**CONVEYOR ROLL & SMOOTH ROLL ASSEMBLY, (8R22-6R28/30)**



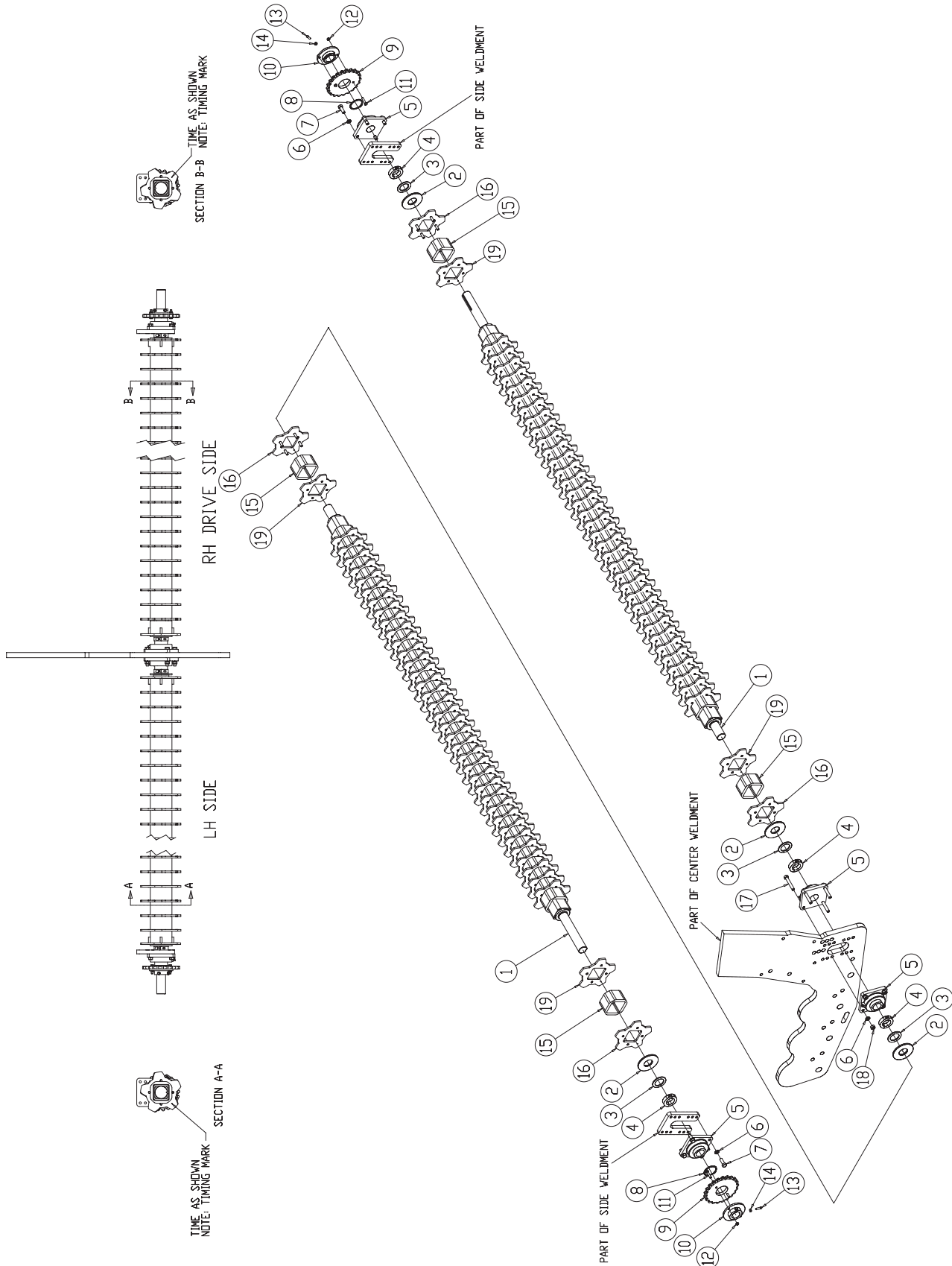
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005370	WASHER, LOCK 1/2 ZN	32
2	1770500	BOLT, 1/2-13 X 1-3/4 GR5 ZN	32
3	E072489	BEARING, FLANGE 1-3/4 4 BLT	8
4	288070	BUSHING, SPLIT TAPER Q1 1-3/4 INCH	8
5	167920	KEY, SQ. 3/8 X 2-1/2	8
6	E741066	SPROCKET, 80Q18	8
7	558210	WLDT., CONV ROLL STEEL – 174.50 LENGTH (COMPLETE)	4
8	558250	WLDT., CONV ROLL POLY – 174.50 LENGTH (COMPLETE)	4

ROLLER GROUPING – STAR ROLL ASSEMBLY, (6R28/30, 8R22)



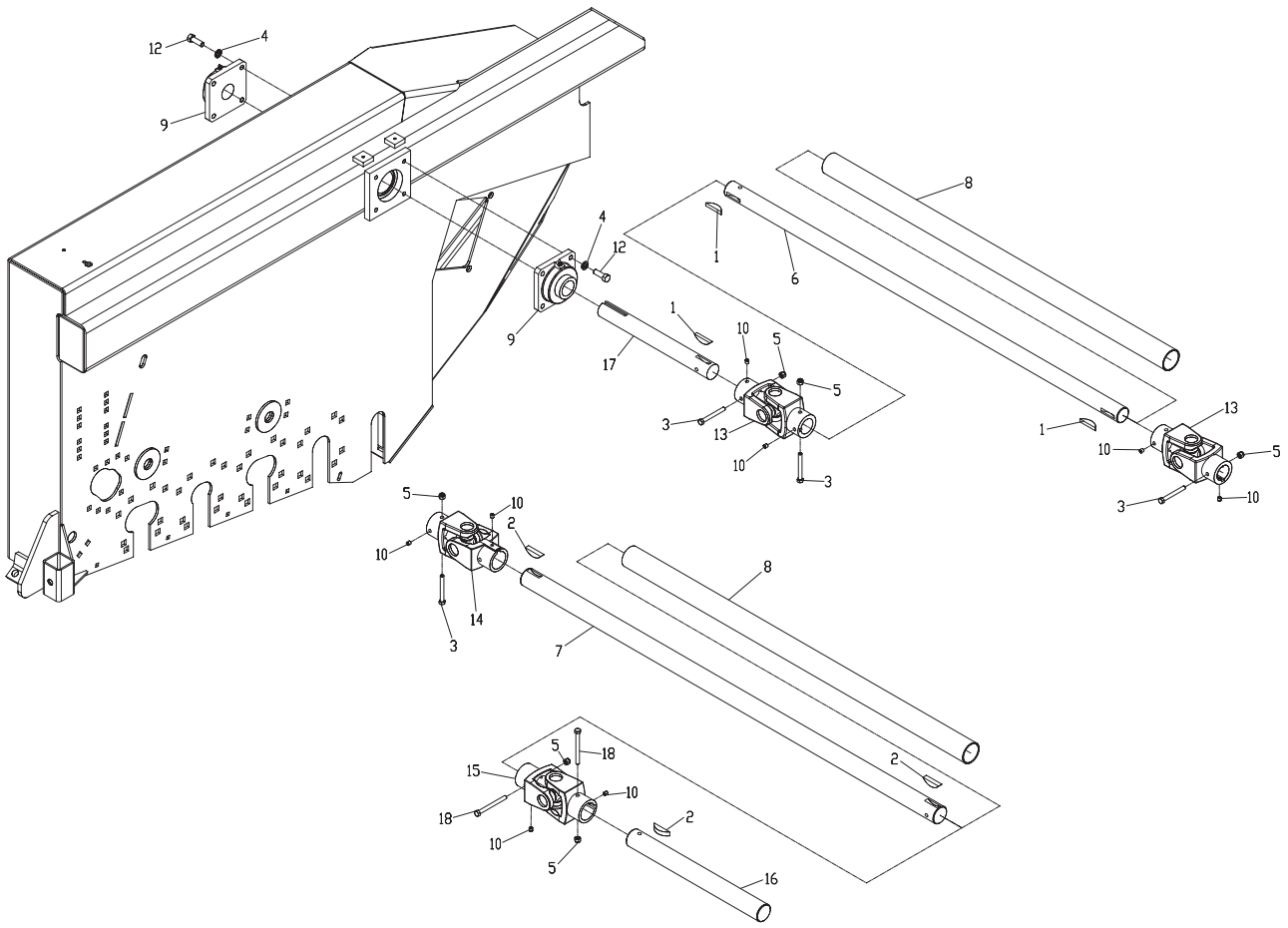
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	524190	SHAFT, LH STAR 1.75 X 89.00	1
2	524200	SHAFT, RH STAR 1.75 X 91.53	1
3	287700	LOCK COLLAR, SPLIT 1.75	4
4	E126034	BUSHING, MACH 1.88 X 2.88 X 0.13	4
5	E126201	BUSHING, MACH 2.5 X 3.87 X 0.134	4
6	287570	PLATE, STAR 8.0 DIA.	56
7	287600	SPACER, RUBBER	56
8	287610	SPROCKET, H60B14 1.78 BORE	2
9	163770	CHAIN, 60-2 14P	1
10	340360	BOLT, HHCS 3/8-16 X 3-1/2	2
11	I359783C1	NUT, LOCK 3/8 HEX	2
12	554060	MOUNT WLDT., CTR. BRG. MTG.	1
13	E072489	BEARING, FLG. 4.H 1.75	4
14	014770	BOLT, HHCS 1/2-13 X 1-1/2	16
15	005370	WASHER, LOCK 1/2	16
16	231950	KEY, WOODRUFF 1222-1 3/8	2
17	R61566	SCREW, SQHSS 3/8-16 X 3/4	2
18	I124829	NUT, JAM 3.8-16 HEX	2
19	023110	BOLT, HHCS 5/8-11 X 2-1/2	8
20	I124589	NUT, HEX 5/8-11	8
21	020440	WASHER, LOCK 5/8	8
22	532450	SPROCKET, PLATE RCB0-A18T	1
23	532460	HUB WLDT., SHEAR 1.75 ID	1
24	040290	RING, RETAINER	1
25	025760	BOLT, HHCS 5/16-18 X 1-1/2	2
26	025670	NUT, LOCK 5/16	2
27	039730	SCREW, SQHSS 5/16-18 X 1	2
28	033500	NUT, JAM 5/16-18 HEX	2

ROLLER GROUPING - STAR ROLL ASSEMBLY, (8R30)



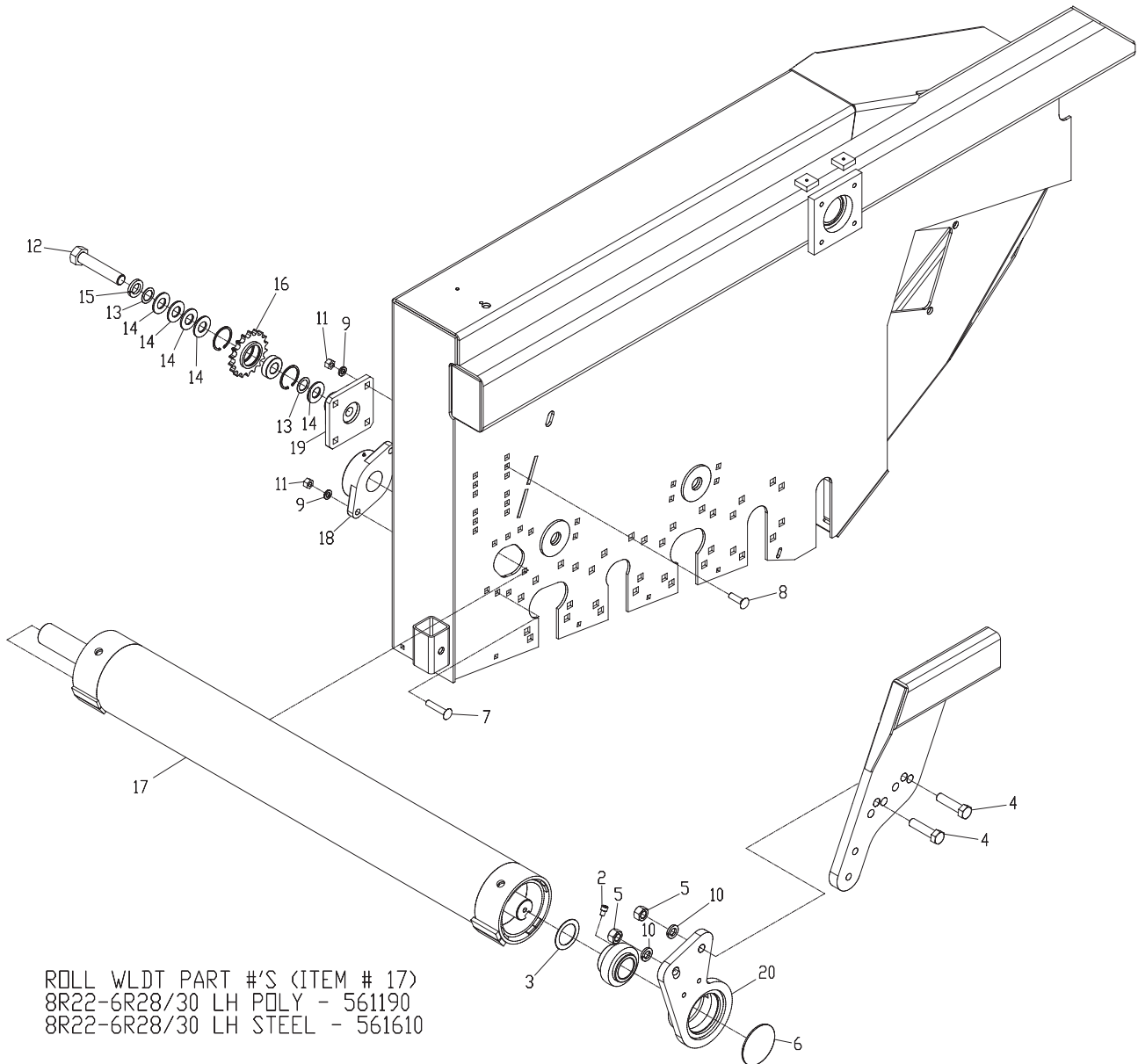
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	575020	SHAFT WLDT.	2
2	566080	DISK, STAR RETAIN	4
3	E126034	BUSHING, 1.88 X 2.8 X 0.134	4
4	287700	LOCK COLLAR	4
5	E072489	BEARING, FLANGE 1-3/4 4 BLT	4
6	005370	WASHER, LOCK 1/2 ZN	12
7	014770	BOLT, HHCS 1/2-13	8
8	040290	RING, RETAINING	2
9	557430	SPROCKET, PLATE	2
10	532460	HUB WLDT., SHEAR	2
11	025760	BOLT, HHCS 5/16-18 X 1-1/2	4
12	025670	HEX NUT 0.3125-18-D-N	4
13	039730	SCREW, SQHSS 5/16-18 X 1	4
14	033500	NUT, JAM 5/16-18 HEX	4
15	575000	SPACER, STAR ROLL POLY	76
16	575030	WLDT., STAR AND TUBE	4
17	041410	HHCS, 1/2-13 X 3.25, G5, ZN	4
18	005360	NUT, HEX 1/2-13	4
19	566010	PLATE, STAR	74

ROLLER GROUPING - DRIVE SHAFT ASSEMBLY, (8R22-6R28/30)



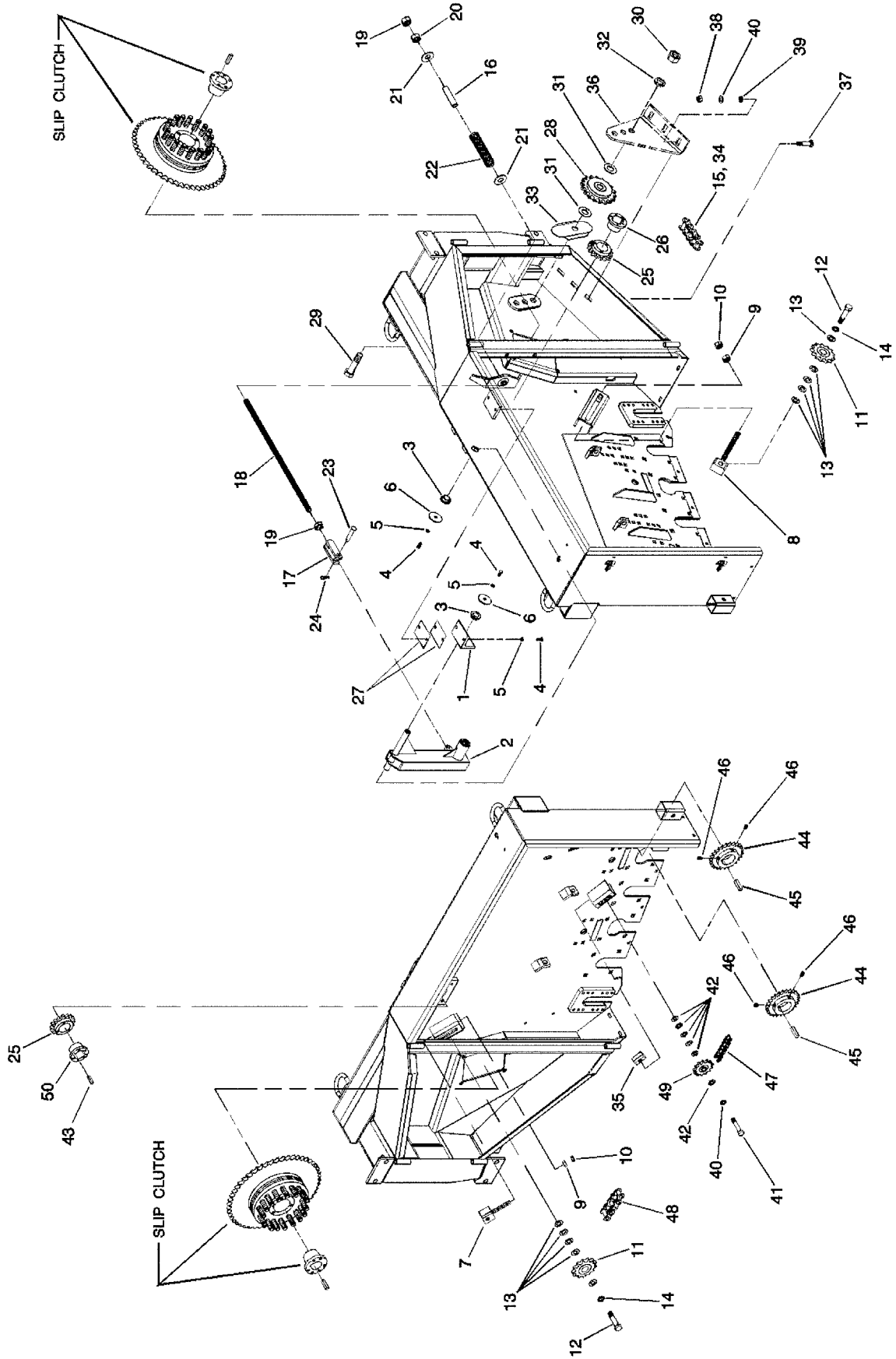
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	231950	KEY, WOODRUFF 3/8 X 2-3/4	3
2	498120	KEY, WOODRUFF 3/8 X 2-3/4	3
3	1189304	BOLT, HHCS 3/8-16 X 3-1/4	4
4	005370	WASHER, LOCK 1/2 ZN	2
5	073630	NUT, LOCK 3/8-16	6
6	559240	SHAFT, LH DRIVE	1
7	559250	SHAFT, RH DRIVE	1
8	525960	SHIELD, INNER SPIN	2
9	E072489	BEARING, FLANGE 1-3/4 4 BLT	2
10	218660	SCREW, HSSS 3/8-16 X 3/8	8
12	014770	BOLT, HHCS 1/2-13	2
13	286520	U JOINT, 1-3/4 RB X 1-3/4 RB	2
14	439110	U-JOINT, 1-3/4 X 2, 2500	1
15	532060	U-JOINT, 2 X 2, 2500	1
16	538770	SHAFT, RH DRIVE	1
17	532620	SHAFT, LH DRIVE OUTER	1
18	991150	BOLT, HHCS 3/8-16 X 4	2

**GRABROLL - REAR GRABROLL ASSEMBLY, LH, (8R22-6R28/30)**



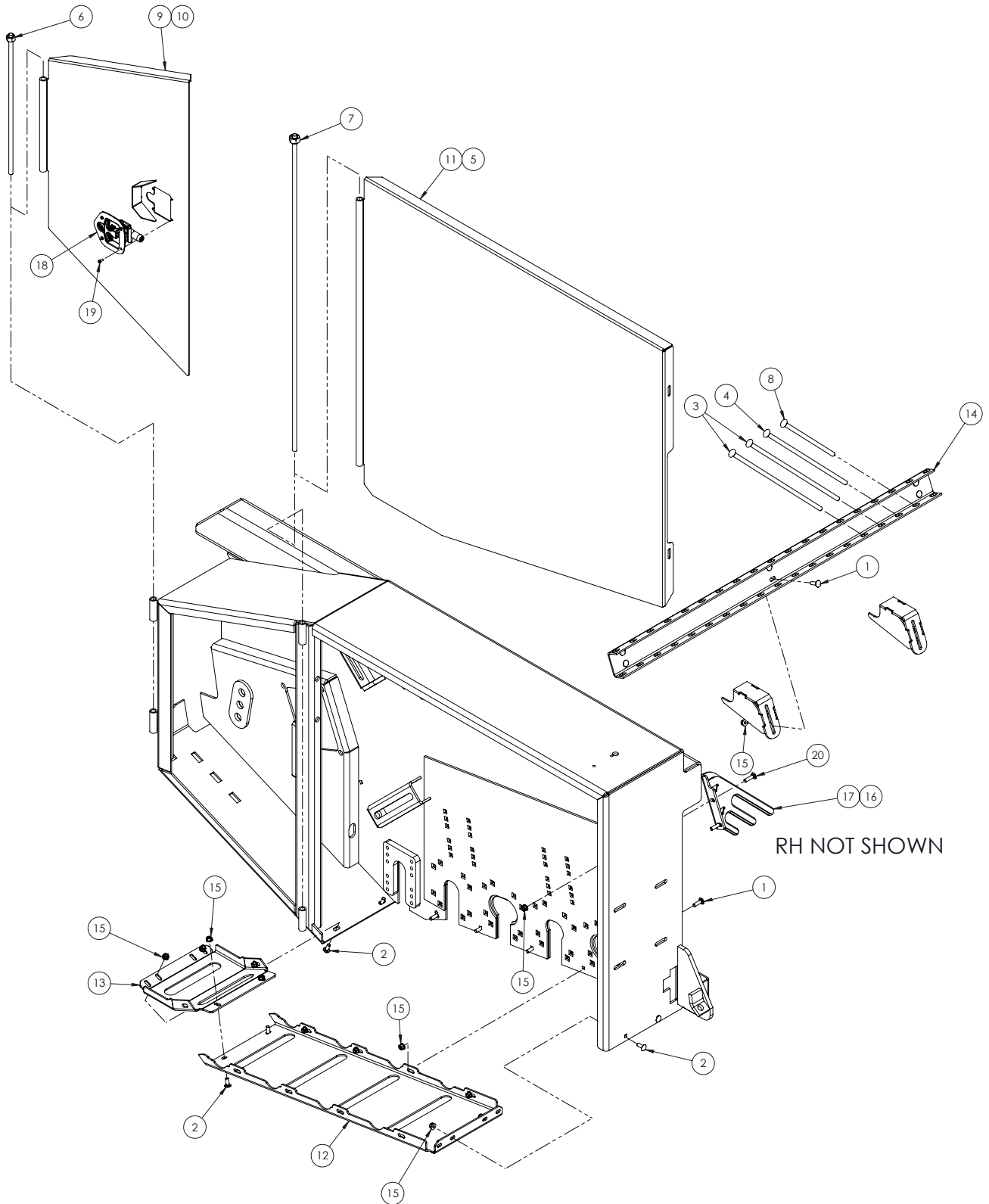
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	538410	BEARING, BALL 2.0	1
2	538470	SCREW, SHCS 3/8-24	1
3	I21787R1	WASHER, FLAT 2.06 X 2.94 X 0.06	2
4	990570	BOLT, HHCS 3/4-10 X 3	2
5	J14H794	NUT, HEX 3/4-10 GR5 ZN	2
6	561670	BEARING COVER	1
7	J03H1593	BOLT, CRG 1/2-13 X 2-1/2 SSN GR5 ZN	2
8	025390	RHSNBOLT 0.5-13 X 1.75 X 1.75-N	4
9	005370	WASHER, LOCK 1/2 ZN	6
10	036800	LW 3/4 INCH SAE MED	2
11	005360	NUT, HEX 1/2-13	6
12	991060	BOLT, HHCS 1-8 X 5 GR5 ZN	1
13	003370	WASHER, FLAT 1.03 X 1.50 X 0.048	2
14	033054	FW 1.02 ID X 2 INCH OD X 0.125	5
15	003350	WASHER, LOCK 1 X 1 21/32 X 1/4	1
16	E366004	SPROCKET ASSY, IDLER	1
17	561190	ROLL WLDT., LH REAR POLY	1
17A	561610	ROLL WLDT., LH REAR STEEL	1
18	551130	BEARING, FLG 2.00 INCH	1
19	561210	MOUNT WLDT, GRABROLL	1
20	561020	ARM WLDT, LH	1

PADDLE SHAFT & CHAIN DRIVES ASSEMBLY, (8R22-6R28/30)



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	518060	ANGLE, TENSIONER ARM MTG.	1
2	518160	ARM WLDT., BELT TENSIONER RH	1
3	522600	BUSHING, OILITE 1 X 1-1/4 X 3/4	2
4	012260	BOLT, HHCS 3/8-16 X 1	4
5	021180	WASHER, LOCK 3/8	4
6	169280	WASHER, FLAT 0.406 X 1.5 X 1.3	2
7	551360	BLOCK WLDT., IDLER ADJ., 4.75	1
8	551370	BLOCK WLDT., IDLER ADJ., 10.25	1
9	J14H794	NUT, HEX 3/4-10	2
10	E552038	NUT, JAM 3/4-10 HEX	2
11	240550	SPROCKET, IDLER 80-12T	2
12	990830	BOLT, HHCS 3/4-10 X 3-1/2	2
13	1131017	WASHER, FLAT 3/4 SAE	20
14	036800	WASHER, LOCK, 3/4	3
15	552390	CHAIN, ROLLER RC80 130P	1
16	239040	SPACER, SPRING LENGTH 4.25 INCH	1
17	561870	YOKE WLDT., THREADED 5/8-11	1
18	561880	ROD, THREADED 5/8-11 X 27.0	1
19	1121555	NUT, JAM 5/8-11 HEX	2
20	020450	NUT, HEX 5/8-11	1
21	020430	WASHER, FLAT 5/8 STD.	2
22	231000	SPRING, COMP. 1.62 X 7.25	1
23	1071212	PIN, CLEVIS 1/2 X 1-1/2	1
24	124350	PIN, COTTER 1/8 X 1-1/2	1
25	E741067	SPROCKET 80Q15	2
26	E126080	BUSHING, SPLIT TAPER Q1 2.0	1
27	532760	SHIM, IDLER ARM	2
28	541740	SPROCKET ASSY., IDLER 80C18	1
28A	R50800	BEARING, BALL 1.0 COD	1
29	991060	BOLT, HHCS 1-8 X 5 6R5 ZN	1
30	J14H805	NUT, HEX 1-8	1
31	003370	WASHER, FLAT 1.03 X 1.50 X 0.47	8
32	003350	WASHER, LOCK 1 INCH	1
34	051690	LINK, RC80-0 OFFSET	7
35	518380	SLIDE, IDLER TENSIONER	1
36	551610	MOUNT, RH FRONT IDLER	1
37	E096058	BOLT, CRG 5/8-11 X 2-1/2	3
38	1124589	NUT, HEX 5/8-11	3
39	020430	WASHER, FLAT 5/8 SAE	3
40	020440	WASHER, LOCK 5/8	4
41	990650	BOLT, HHCS 5/8-11 X 3	1
42	035210	WASHER, FLAT 5/8 SAE	6
43	167920	KEY, SQUARE 3/8X 2-1/2	1
44	523930	SPROCKET, 60B25 2.0 B 0.5 KW	2
45	R66305	KEY, SQUARE 1/2 X 2	2
46	1070124	SCREW, HSSS 1/2-13 X 3/4	4
47	532960	CHAIN, ROLLER RC60 62P - REAR DIVERter OPTION	1
47A	561410	CHAIN, ROLLER RC60 84P - REAR GRABROLL OPTION	1
48	261920	CHAIN, ROLLER RC80 88P	1
49	E366013	SPROCKET, 60B13 IDLER	1
50	288070	BUSHING, SPLIT TAP, Q1 1-3/4	1

PADDLE SHAFT & CHAIN DRIVES - DOOR & SHIELD ASSEMBLY, LH, (8R22-6R28/30)



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	035180	BOLT, CRG 3/8-16 X 1-1/4"	22
2	170530	BOLT, CRG 3/8-16 X 1"	12
3	264190	ROD, GRATE .5 x 16.50	30
4	347540	ROD, GRATE .5 x 14.75	2
5	518700	DOOR WLDT, HEAD RH	1
6	518710	Pin Wldt, Door	2
7	518720	Pin Wldt, Door	2
8	532050	ROD, GRATE .5 x 9.25	2
9	551665	DOOR WELDMENT	1
10	551675	DOOR WELDMENT	1
11	551700	DOOR WLDT, HEAD LH	1
12	559060	PANEL, '07 GEN.	2
13	559070	PANEL, '07 GEN.	2
14	561230	CHANNEL, GRATE	2
15	600120	NUT, HFH NYLOC 3/8-16	38
16	609251	GUARD, RH WLDT	1
17	609254	GUARD, LH WLDT	1
18	622027	LATCH, DOOR	2
19	I159920	SCREW, PHMS 10-24 X 1/2"	8
20	J03H1558	BOLT, CRG 3/8-16 X 1-1/2	4
21	I159920	SCREW, PHMS 10-24 X 1/2"	8
22	J03H1558	BOLT, CRG 3/8-16 X 1-1/2	26





**NOTES:**



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**NOTES:**









## **Art's Way Manufacturing TECHNICAL MANUALS**

Manuals are available from your local dealer or Art's Way Manufacturing for the operation, service, and repair of your machine. For prompt convenient service, contact your local dealer for assistance in obtaining the manuals for your machine.

Manuals are also available at [WWW.ARTSWAY.COM](http://WWW.ARTSWAY.COM) free to download for your convenience.

Always give the Machine Name, Model, and Serial Number so your local dealer can provide the correct manuals for your machine.

Art's Way Manufacturing reserves the right to make improvements in design or changes in specifications at any time without incurring any obligation to install them on units previously sold.

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