



Art's-Way Manufacturing Co., Inc.

Model 692-Z
Sugar Beet Harvester

Illustrated Parts List
633500

Issued September 2017



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 Co., Inc. dealer or Art's-Way Manufacturing Co., Inc. for additional operator's manuals, illustrated parts catalogs, and service manuals.

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 Co., Inc., Armstrong, Iowa, 50514, (712) 864-3131.

SPECIFICATIONS AND DESIGN ARE SUBJECT TO CHANGE WITHOUT NOTICE

Art's-Way Manufacturing Co., Inc. 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 Co., Inc. Any modification made without the written permission of Art's-Way Manufacturing Co., Inc. 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 Co., Inc. STATEMENT OF PRODUCT LIABILITY

Art's-Way Manufacturing Co., Inc. recognizes its responsibility to provide customers with a safe and efficient product. Art's-Way Manufacturing Co., Inc., 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 Co., Inc., be liable for any such act. In addition, Art's-Way Manufacturing Co., Inc., assumes no liability for any altered product or any modified product by users or anyone other than an authorized dealer.

IMPORTANT WARRANTY INFORMATION

The warranty for this Sugar Beet Harvester appears on page 6 of this manual. In order to establish proper warranty registration, the Warranty Registration must be completed and returned to the factory. Failure to comply with this requirement will result in invalidating the warranty!

LIMITATIONS OF THIS MANUAL

This manual contains operating instructions for your 692-Z Sugar Beet Harvester only. Any mention of other machinery in this manual other than the 692-Z 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 692-Z Sugar Beet Harvester.

PARTS & SERVICE

As the purchaser of your new beet 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 Co., Inc. has an excellent dealership network ready to answer any questions you may have about your beet 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.



Location of Serial & Model Number Placard on Header



Serial and Model Number Placard

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LIMITED WARRANTY

Refer to the operator's manual for warranty information.

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 beet harvester.

Art's-Way Manufacturing Co., Inc. strives to make our equipment as safe as possible. The Art's-Way 692-Z 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 beet 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 Sugar 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 beet 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 Sugar 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 Co., Inc. 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 beet 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 beet harvester.



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

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

Install safety chain when attaching the beet harvester to the tractor.



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



Do not allow riders while the beet harvester is in operation.



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



Stay away from overhead power lines. Electrocution 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 beet 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 beet 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 beet harvester is securely attached to the tractor and install a safety chain to the beet harvester.

Make sure the tractor brake pedals are latched together.

Do not exceed 20 mph (32 km/h) when transporting the beet 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.

Lower the elevator into the transport position before transporting the beet harvester on the highway.



Stay away from overhead obstructions and power lines during transport. Electrocution 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 beet 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 beet 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 beet harvester in an area with sufficient space to maneuver the largest components and allow easy access to all sides of the machine.



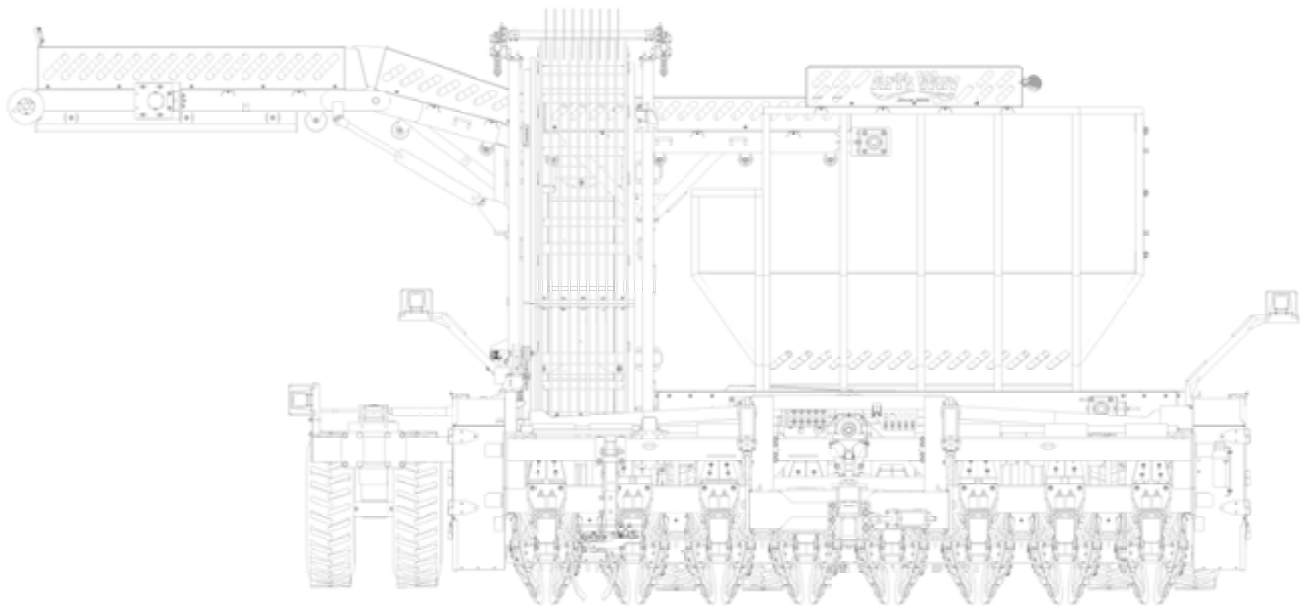
Use only forklifts, lift cranes, jacks, and tools with sufficient capacity for the loads.



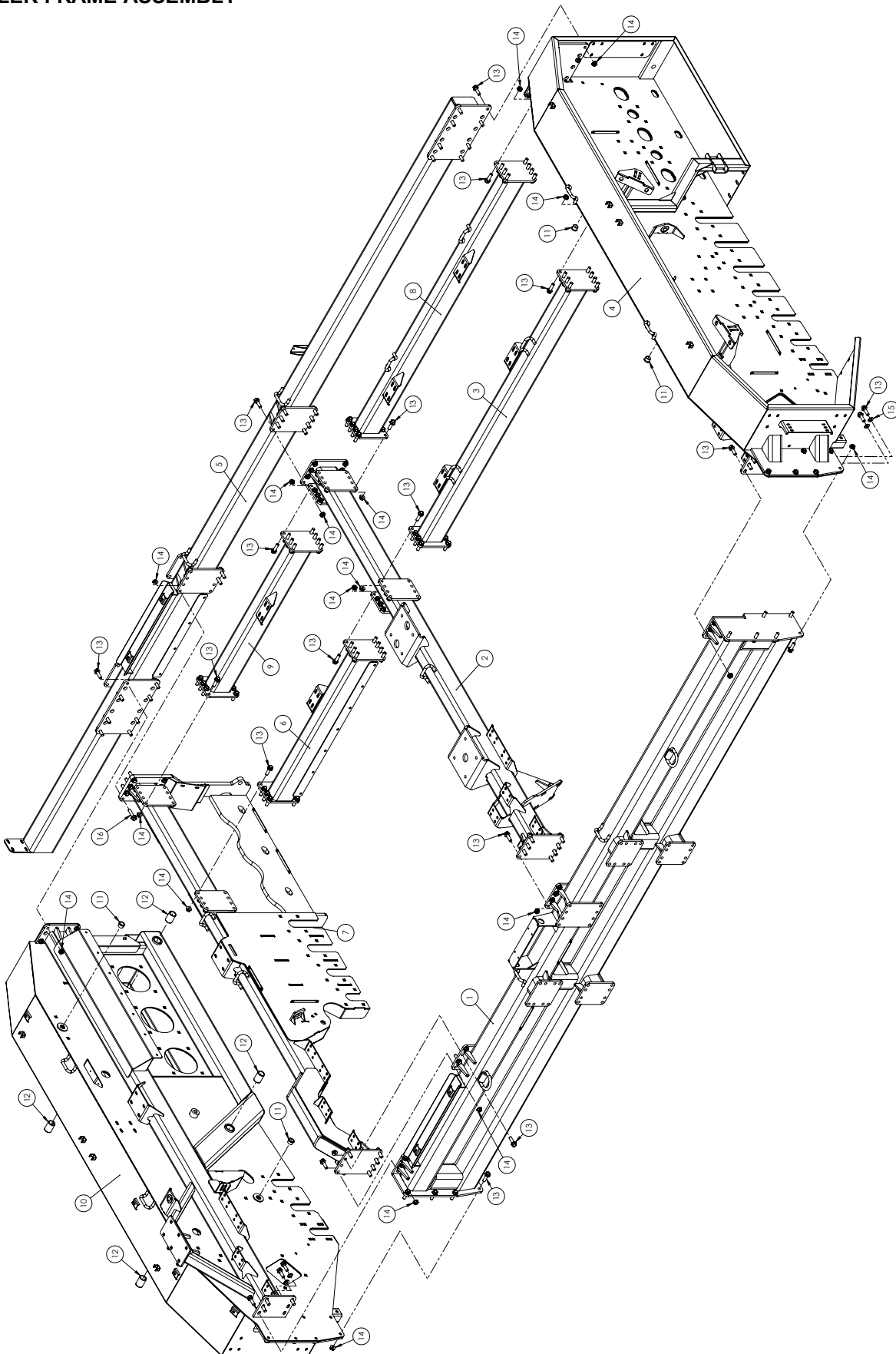
Do not allow spectators, especially children, in the working area.

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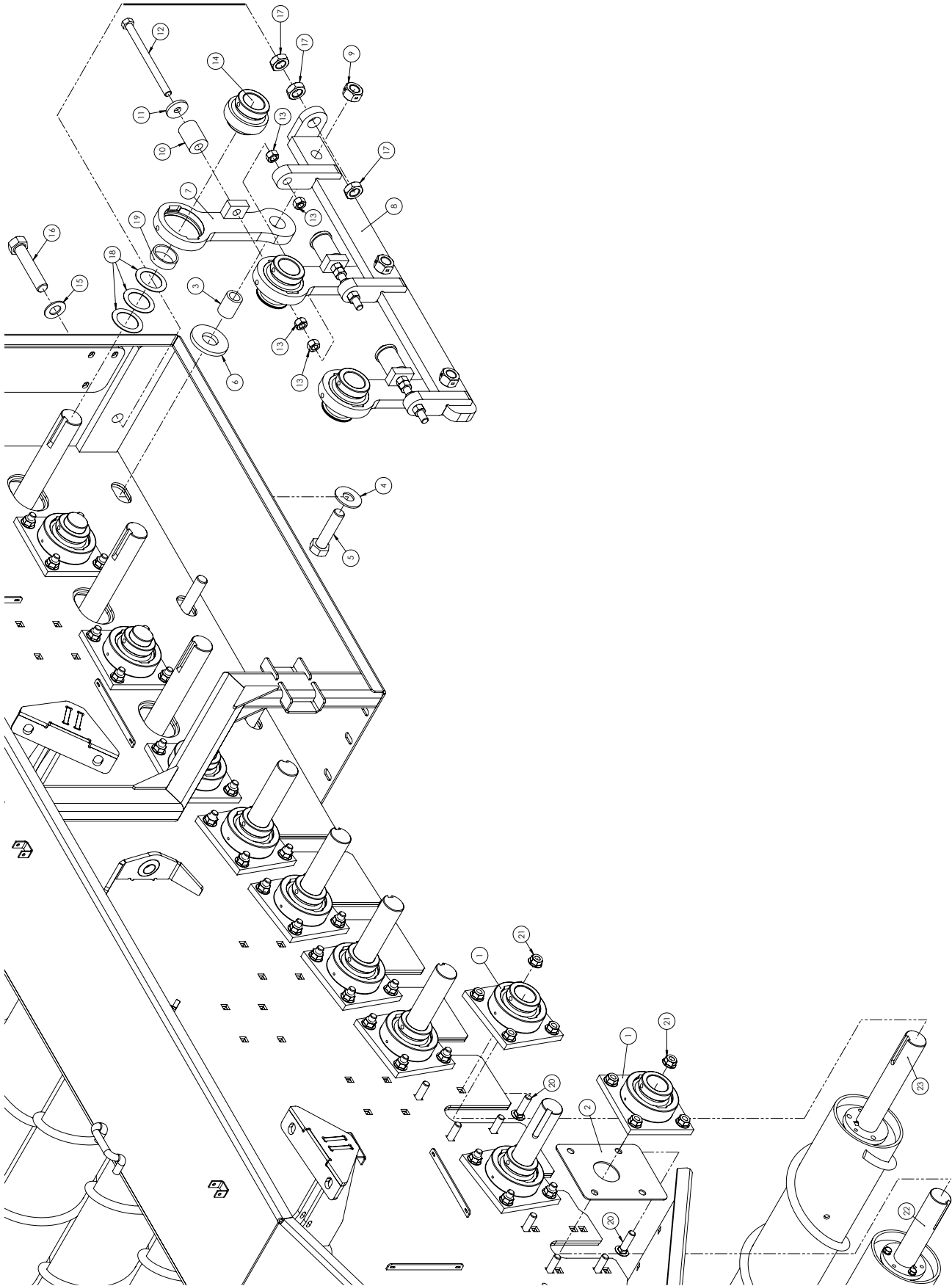
SECTION 1: SUGAR BEET HARVESTER



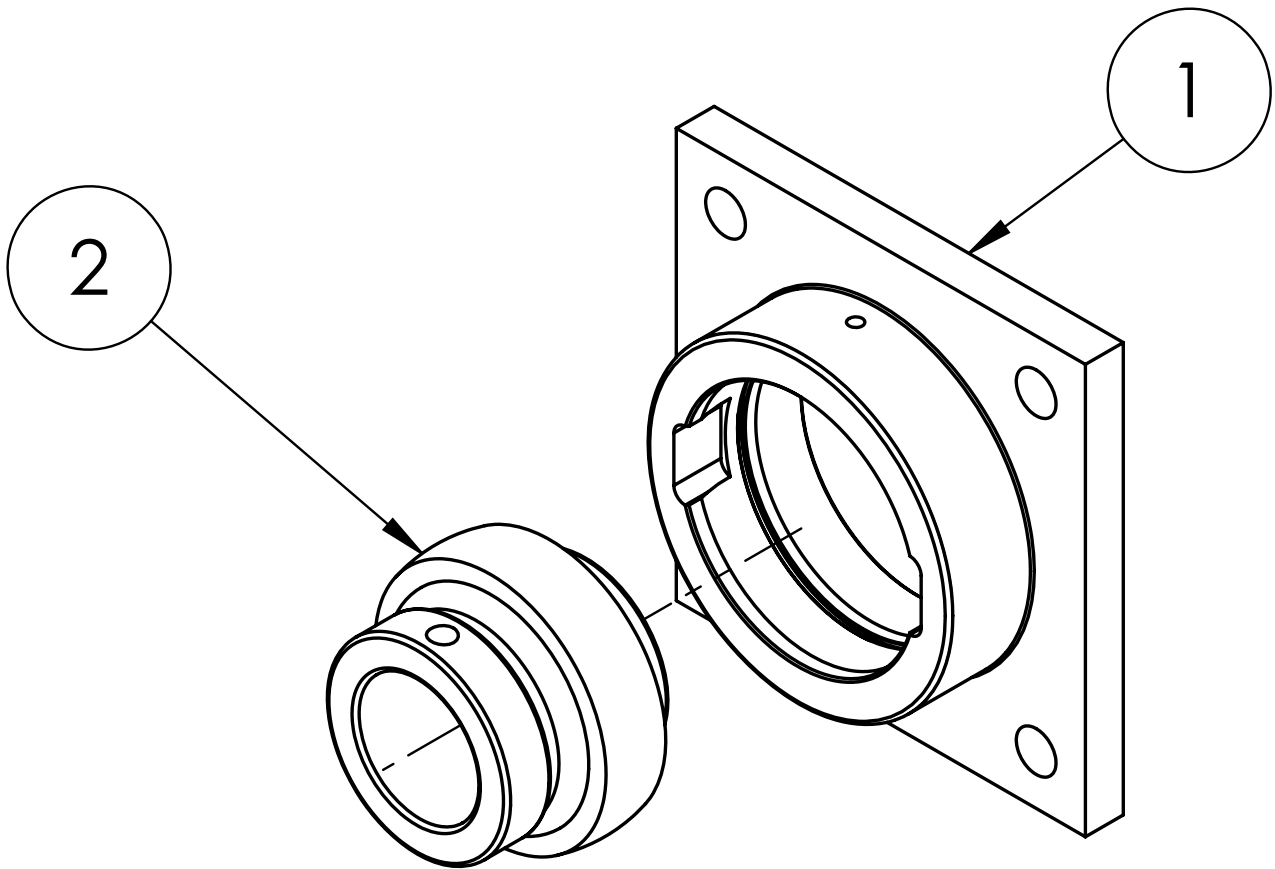
ROLLER FRAME ASSEMBLY



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	621450	692-Z FRONT WELDMENT	1
2	621456	BEAM WELDMENT	1
3	621557	TANK SUPPORT, REAR	1
4	621550	LH BELT BOX	1
5	621650	692 REAR WELDMENT	1
6	621559	TANK SUPPORT, FRONT	1
7	621425	BEAM WLDT, RH	1
8	621554	TANK SUPPORT, REAR	1
9	621538	TANK SUPPORT, REAR	1
10	621510	RH BELT BOX	1
11	522600	BUSHING, OILITE	4
12	466450	BUSHING, STEEL	4
13	600540	BOLT, HFH 5/8-11	129
14	600150	NUT, HFH NYLOC 5/8-11	136
15	035210	WASHER, FLAT 5/8	4
16	600310	BOLT, HFH 5/8-11 X 2-1/2"	8

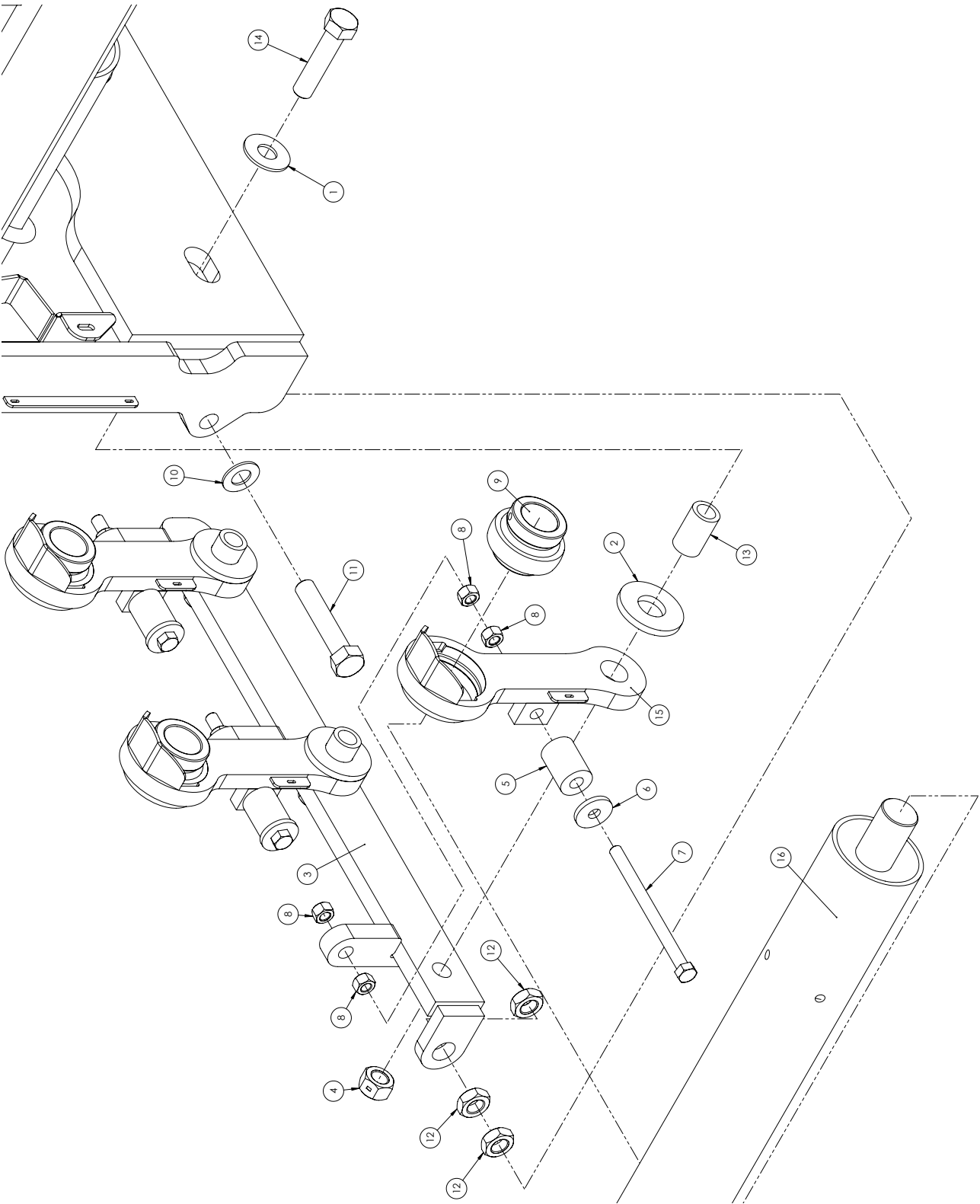
ROLLER BEARING ASSEMBLY

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	621300	BEARING ASSY, 2"	20
2	621572	PLATE, FRONT ROLL	2
3	566150	BUSHING, 1.578	3
4	990720	WASHER, FLAT 1" STD	8
5	519720	BOLT, HHCS 1-8 X 4 GR8	3
6	566160	DISK, ARM SPACER	6
7	621750	ARM WLDT, GRABROLL LH	3
8	621760	MOUNT, ADJUST. GRABROLL	2
9	990510	NUT, LOCK 2-WAY 1-8	8
10	515320	PAD, FLEX 1.75 X 0.75 X 2.38L	8
11	340310	WASHER, FLAT	10
12	264760	BOLT, HHCS 5/8-11 X 8-1/2", GR8	6
13	020450	NUT, HEX 5/8-11	23
14	501150	BEARING, BALL 2.0	6
15	1107389	WASHER, FLAT 1 SAE	2
16	991070	BOLT, HHCS 1-8 x 5	2
17	E552123	NUT, HEX 1-8	6
18	I21787R1	WASHER, FLAT 2.06 x 2.94 x .06	41
19	623461	SPACER, ROLLS	3
20	990760	BOLT, CRG 5/8-11 x 2-1/4	52
21	600150	NUT, HFH NYLOC 5/8-11	92
22	621355	ROLL, FRONT SMOOTH	1
23	621350	SPIRAL DIVERter ROLL	2

SQUARED HOUSING BEARING ASSEMBLY

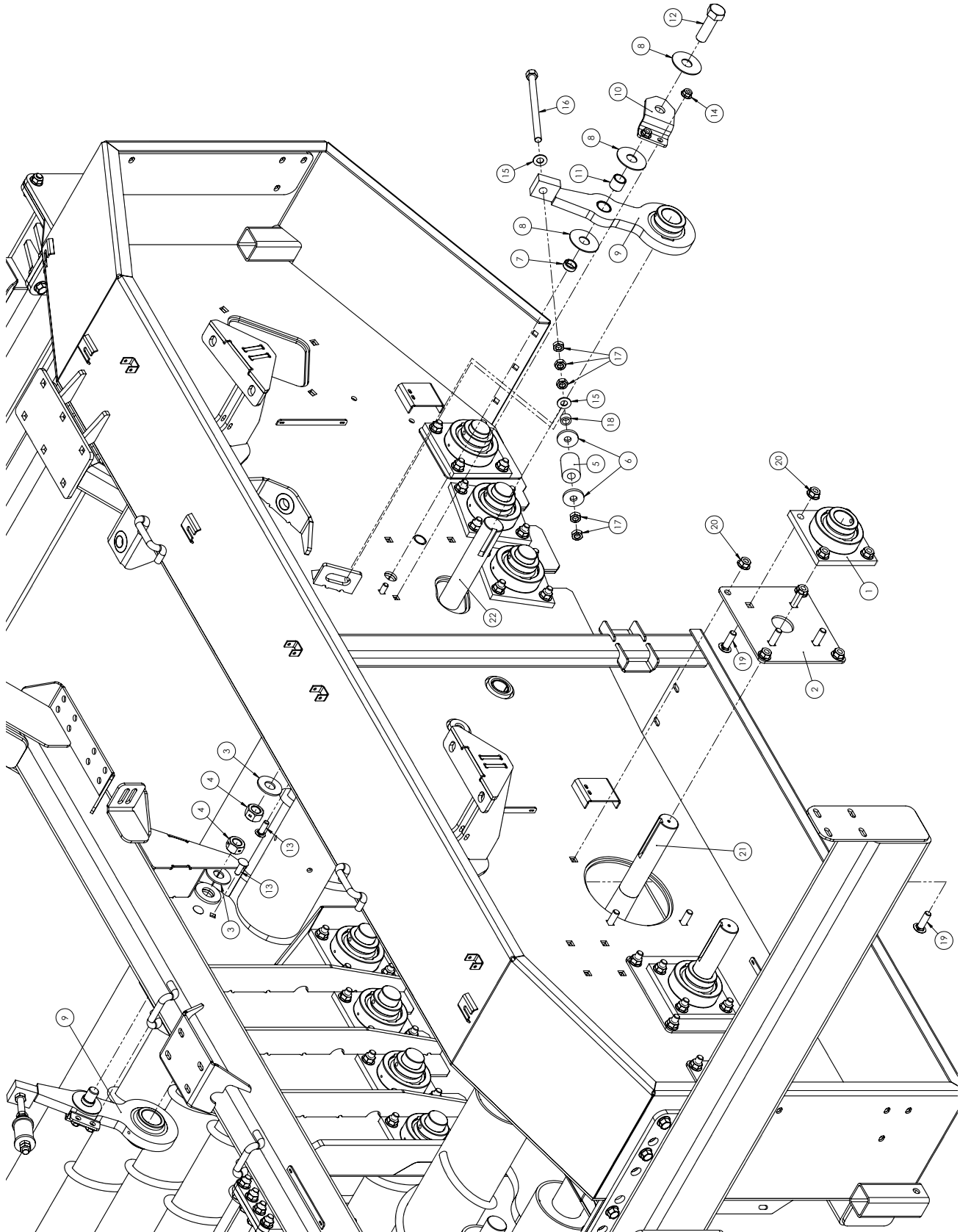
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	621310	HOUSING, BEARING	1
2	501150	BEARING, BALL 2.0	1

ROLLER RETAINER ASSEMBLY

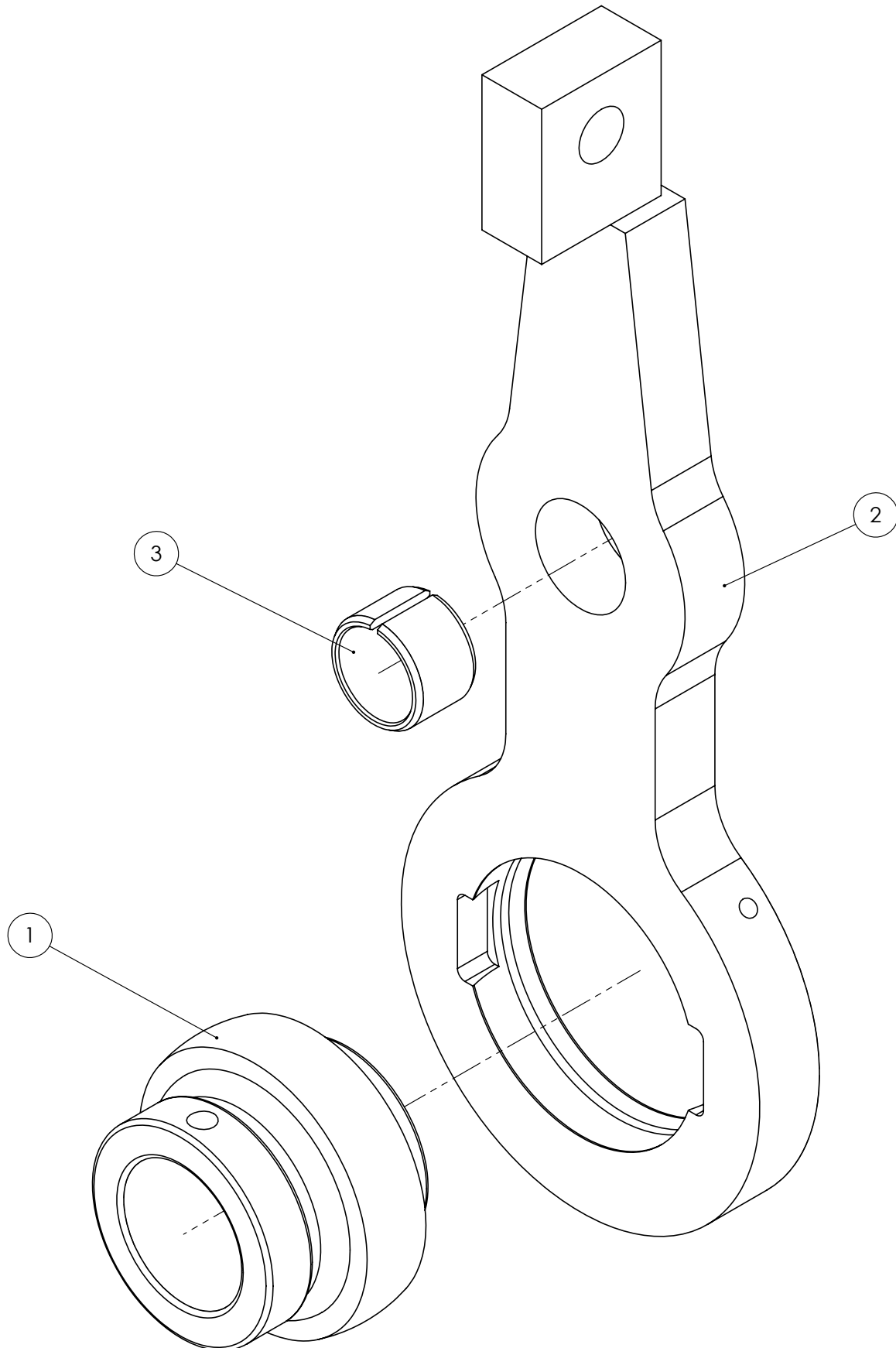


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	990720	WASHER, FLAT 1" STD	8
2	566160	DISK, ARM SPACER	6
3	621760	MOUNT, ADJUST. GRABROLL	2
4	990510	NUT, LOCK 2-WAY 1-8	8
5	515320	PAD, FLEX 1.75 X 0.75 X 2.38L	8
6	340310	WASHER, FLAT	10
7	264760	BOLT, HHCS 5/8-11 X 8-1/2", GR8	6
8	020450	NUT, HEX 5/8-11	23
9	501150	BEARING, BALL 2.0	6
10	1107389	WASHER, FLAT 1 SAE	2
11	991070	BOLT, HHCS 1-8 x 5	2
12	E552123	NUT, HEX 1-8	6
13	621702	BUSHING, ROLL ARM	3
14	TG0679	BOLT, HHCS 1-8 X 4-1/2", GR8	3
15	621755	ARM WLDT, GRABROLL RH	3
16	621400	ROLL WLDT, SMOOTH	3

ROLLER ADJUSTMENT ASSEMBLY

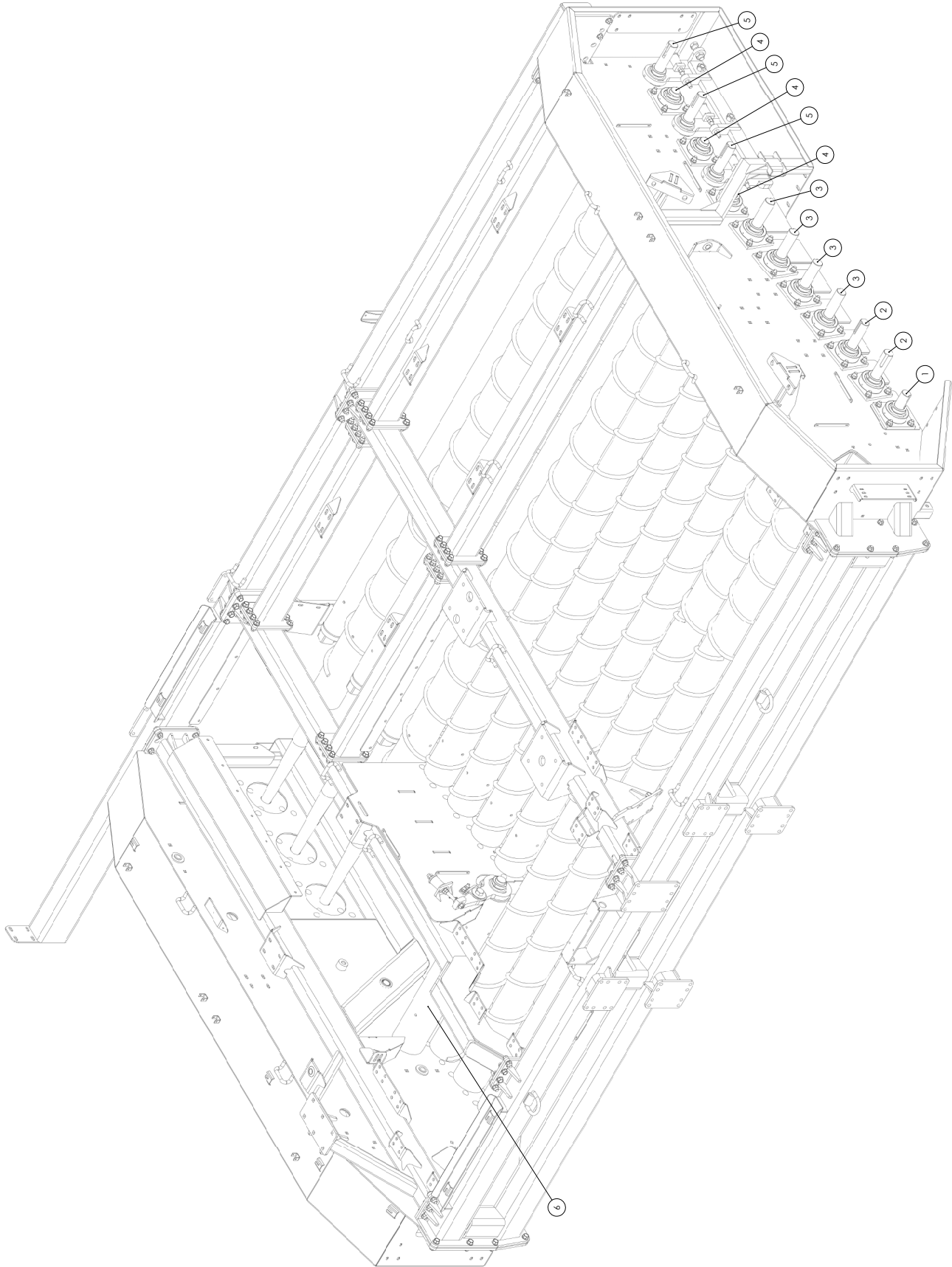


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	621300	BEARING ASSY, 2"	20
2	621759	PLATE, BEARING	3
3	990720	WASHER, FLAT 1" STD	8
4	990510	NUT, LOCK 2-WAY 1-8	8
5	515320	PAD, FLEX 1.75 X 0.75 X 2.38L	8
6	340310	WASHER, FLAT	10
7	344250	BUSHING, STEEL 1 x 1-1/4 x 1/2	2
8	264740	WASHER, HARDENED 1-1/16	6
9	621775	GRABROLL ARM ASSY	2
10	559180	BRACKET, 2 HOLE	2
11	604320	SPACER, PIVOT	2
12	268730	BOLT, HHCS 1-8 X 3, GR8	2
13	156850	BOLT, CRG 1/2-13 X 1-1/2"	4
14	600140	NUT, HFH NYLOC 1/2-13	4
15	035210	WASHER, FLAT 5/8	4
16	604240	ROD WLDT,	2
17	344630	NUT, JAM 5/8-11	10
18	621777	SPACER, GRABROLL	2
19	287880	BOLT, CRG 5/8-11 X 2"	40
20	600150	NUT, HFH NYLOC 5/8-11	92
21	621390	ROLL WLDT, SPIRAL	3
22	621420	ROLL WLDT, SHORT	1

GRABROLL ARM ASSEMBLY

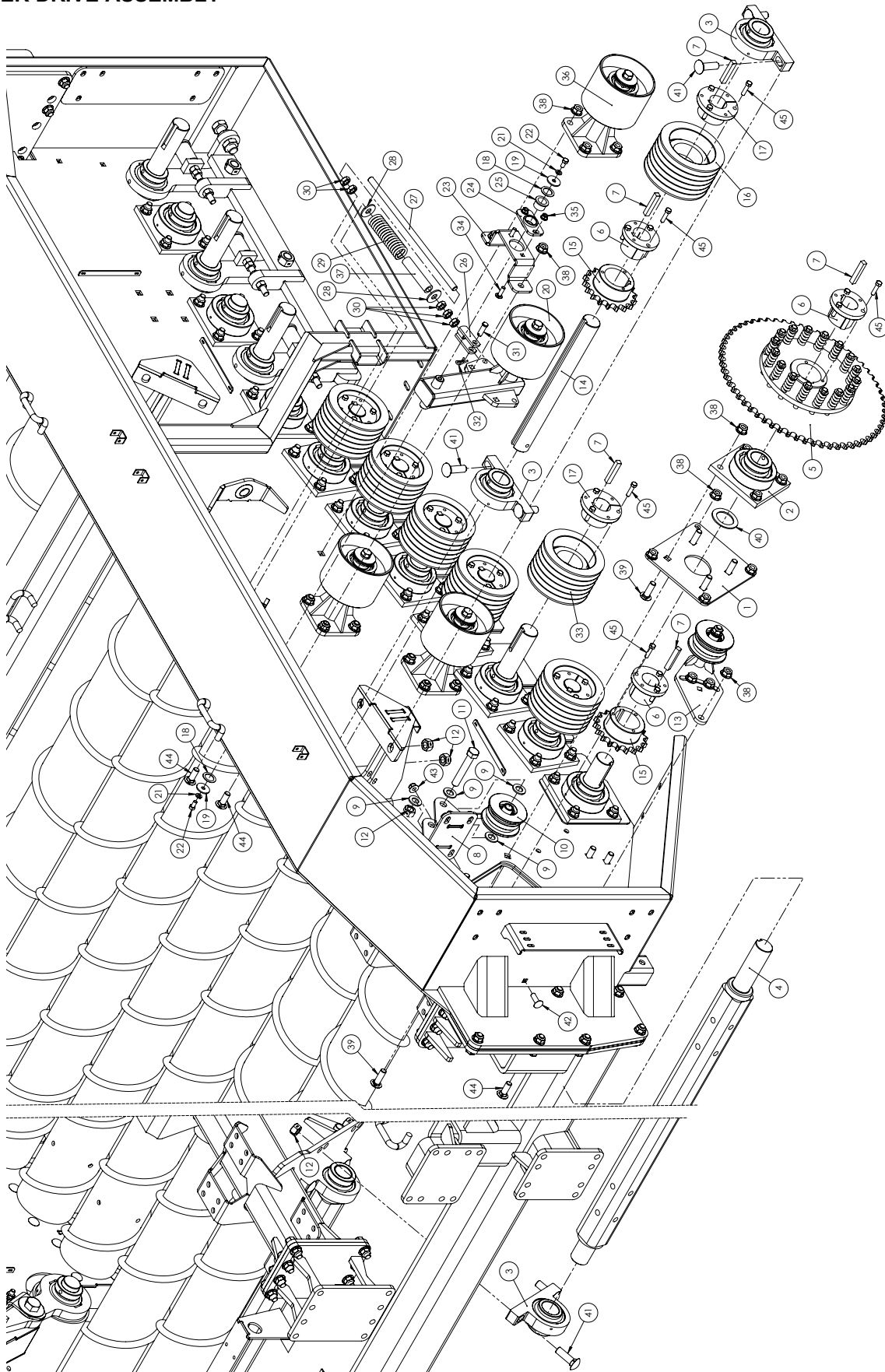
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	501150	BEARING, BALL 2.0	1
2	621774	ARM WLDT, GRABROLL	1
3	V180258	BUSHING, STEEL 1x1-1/4x1	1

ROLLER ORDER ASSEMBLY



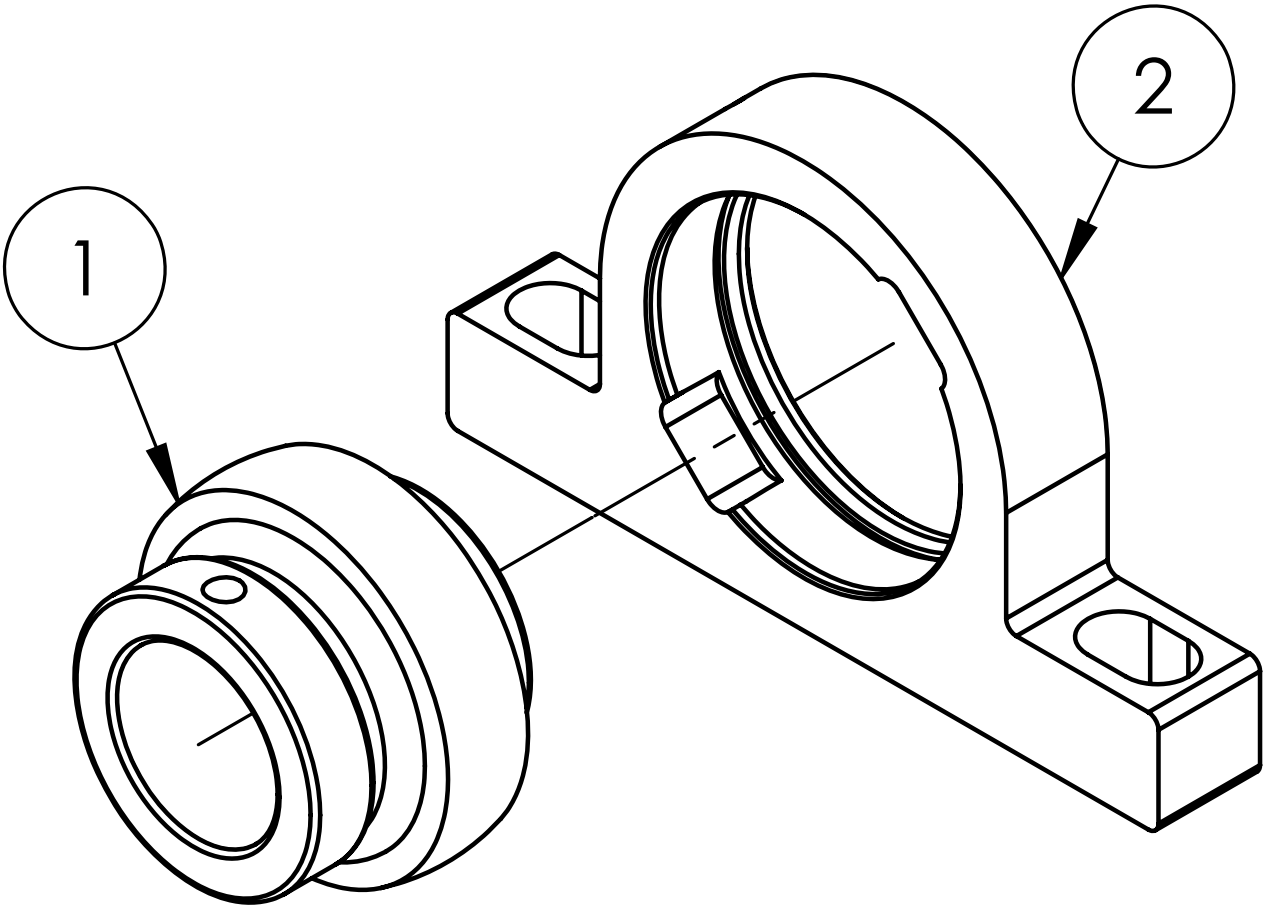
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	621355	ROLL, FRONT SMOOTH	1
2	621350	SPIRAL DIVERTER ROLL	2
3	621370	SPIRAL DIVERTER ROLL	4
4	621390	ROLL WLDT, SPIRAL	3
5	621400	ROLL WLDT, SMOOTH	3
6	621420	ROLL WLDT, SHORT	1

ROLLER DRIVE ASSEMBLY

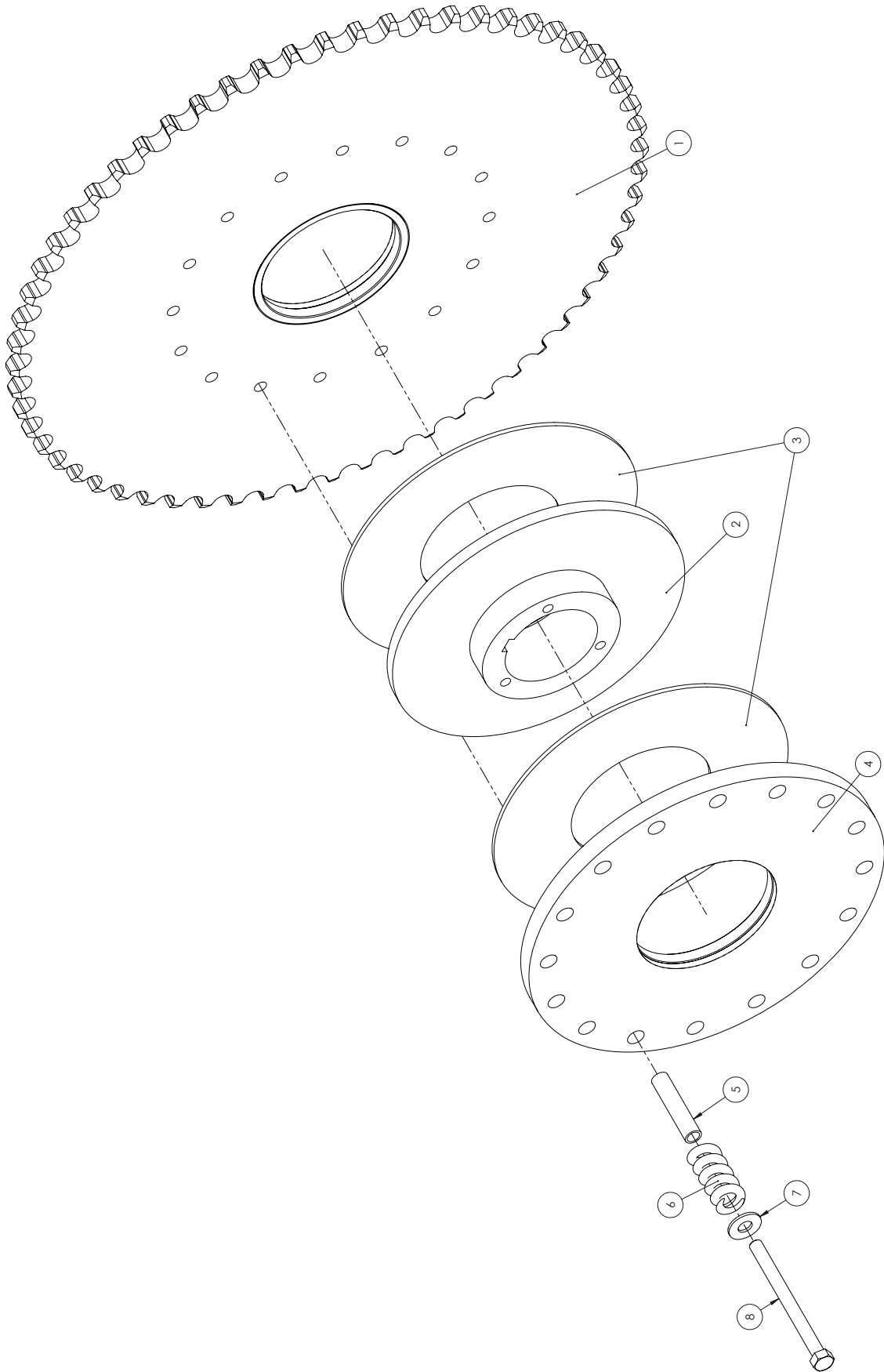


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	621763	PLATE, BEARING OFFSET	2
2	621300	BEARING ASSY, 2"	2
3	621280	BEARING ASSY, 2"	6
4	621509	SHAFT WLDT, PADDLE	2
5	551340	CLUTCH, SLIP 80P 60T	2
6	E126080	BUSHING, Q1 - 2	5
7	E388049	KEY, SQUARE 1/2 X 3	14
8	621568	MOUNT, IDLER ROLLER	1
9	I131017	WASHER, FLAT	4
10	623550	ROLLER, IDLEMASTER	1
11	990960	BOLT, HHCS 3/4-10 x 4 1/2 GR5 ZN	1
12	152360	NUT, LOCK 3/4-10 HEX	13
13	621575	IDLE ROLLER ASSY	2
14	615610	SHAFT, OUTER	2
15	E741066	SPROCKET, 80Q18	3
16	561460	SHEAVE, 6 GRV 5V x 7.50 OD	1
17	251220	BUSHING, QD, SF 2" BORE, 1/2" KW	9
18	003370	WASHER, FLAT 1"	4
19	169280	WASHER, FLAT, 13/32x1.5x.13	4
20	621785	IDLER ARM ASSY	2
21	021180	WASHER, LOCK 3/8	4
22	022420	BOLT, HHCS 3/8-16 X 3/4"	4
23	621767	MOUNT, IDLER ARM	2
24	604220	MOUNT, ADJUSTABLE	2
25	522600	BUSHING, OILITE	2
26	561870	YOKE WLDT, 5/8-11	2
27	622343	ROD, THREADED	2
28	020430	WASHER, FLAT 5/8 STD	4
29	231000	SPRING, COMPRESSION	2
30	1121555	NUT, JAM 5/8-11	10
31	1071212	PIN, CLEVIS 1/2 x 1-1/2"	2
32	124350	PIN, COTTER 1/8 x 1-1/2"	2
33	561450	SHEAVE, 6 GRV 5V 7.10 OD	6
34	035180	BOLT, CRG 3/8-16 X 1-1/4"	4
35	600120	NUT, HFH NYLOC 3/8-16	4
36	621545	IDLER ASSEMBLY	3
37	239040	SPACER, SPRING	2
38	600150	NUT, HFH NYLOC 5/8-11	38
39	287880	BOLT, CRG 5/8-11 X 2"	16
40	396120	BUSHING, MACH	2
41	484020	BOLT, CRG 3/4-10 x 4 Gr5 ZN	12
42	156850	BOLT, CRG 1/2-13 X 1-1/2"	4
43	600140	NUT, HFH NYLOC 1/2-13	4
44	I4331028	BOLT, CRG 5/8-11 X 1-3/4"	22
45	011370	BOLT, HHCS 3/8-16 X 1-1/2"	42

PILLOWED HOUSING BEARING ASSEMBLY

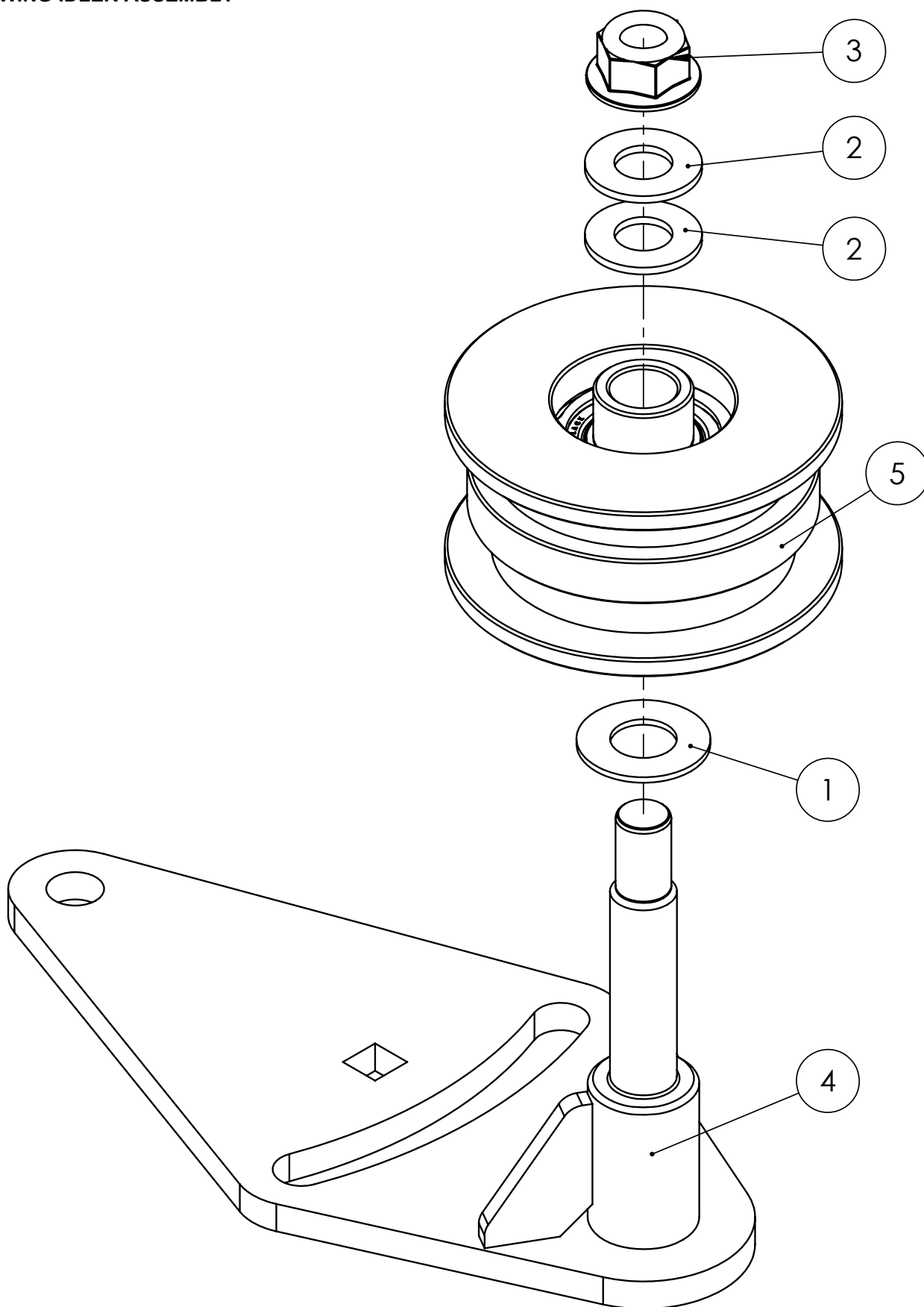


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	501150	BEARING, BALL 2.0	1
2	621285	HOUSING, BEARING	1

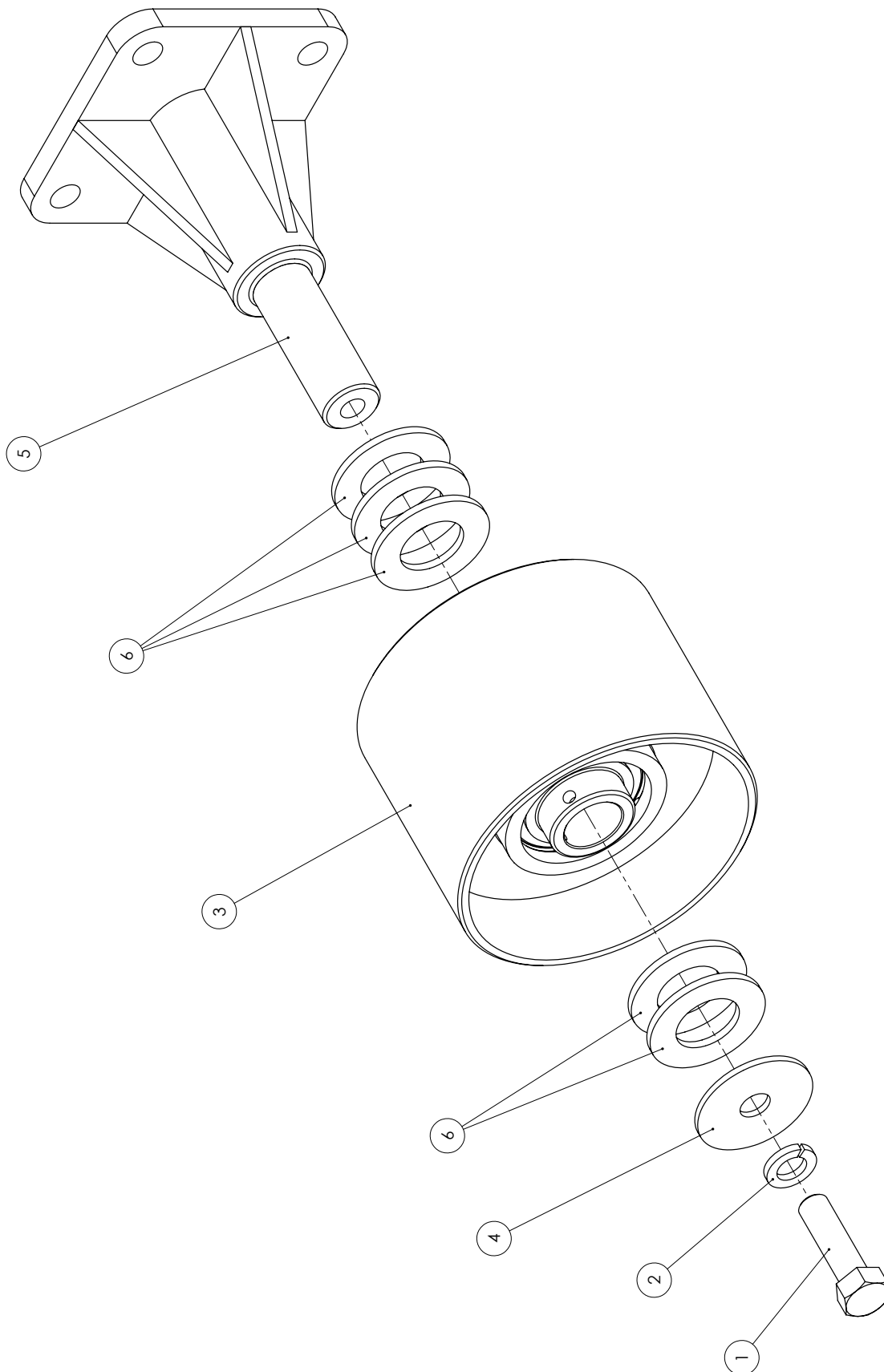
SLIP CLUTCH ASSEMBLY

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

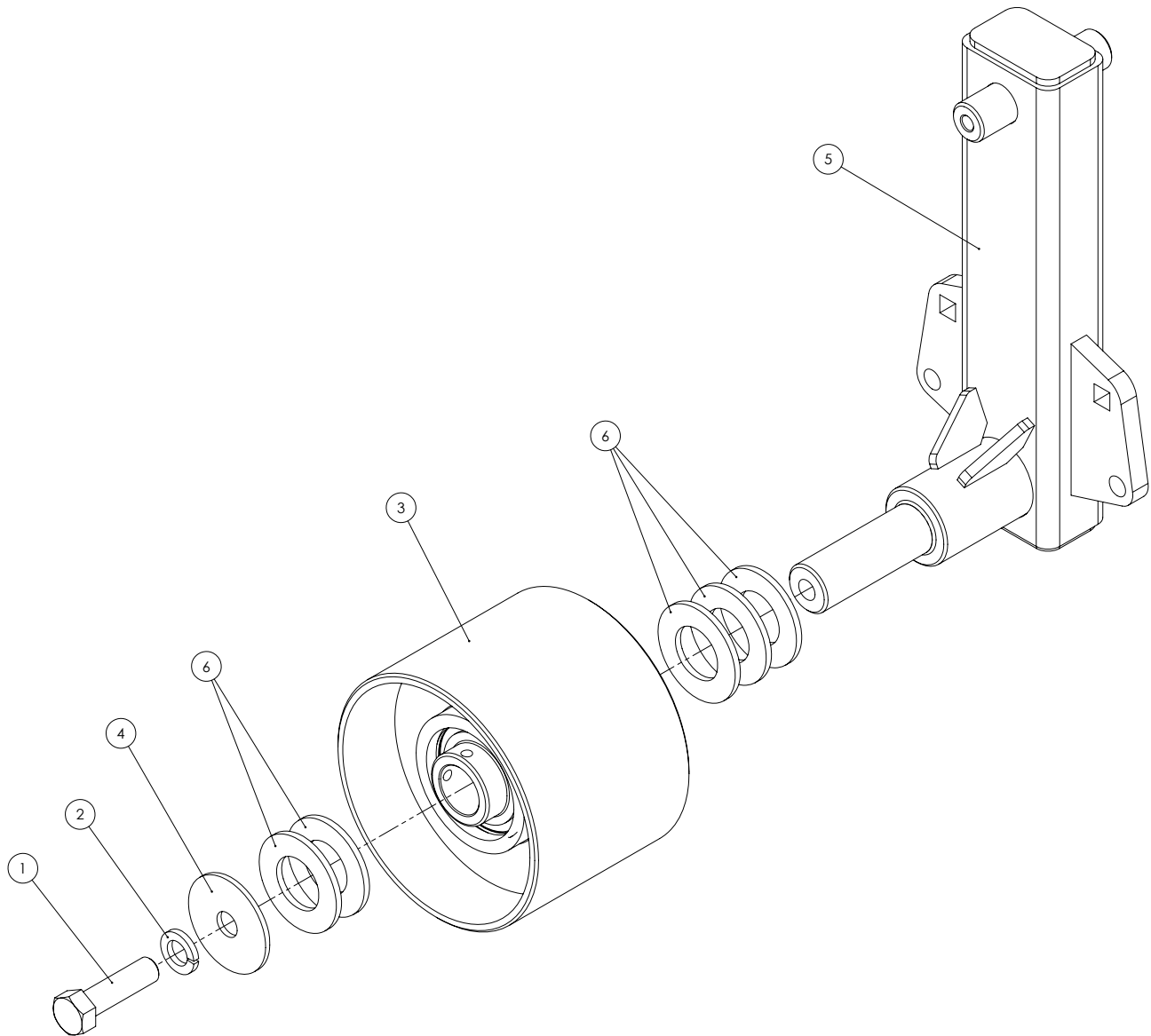
SWING IDLER ASSEMBLY



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	034800	WASHER, FLAT	1
2	035210	WASHER, FLAT 5/8	2
3	600150	NUT, HFH NYLOC 5/8-11	1
4	621571	IDLE ROLLER WLDT	1
5	623550	ROLLER, IDLEMASTER	1

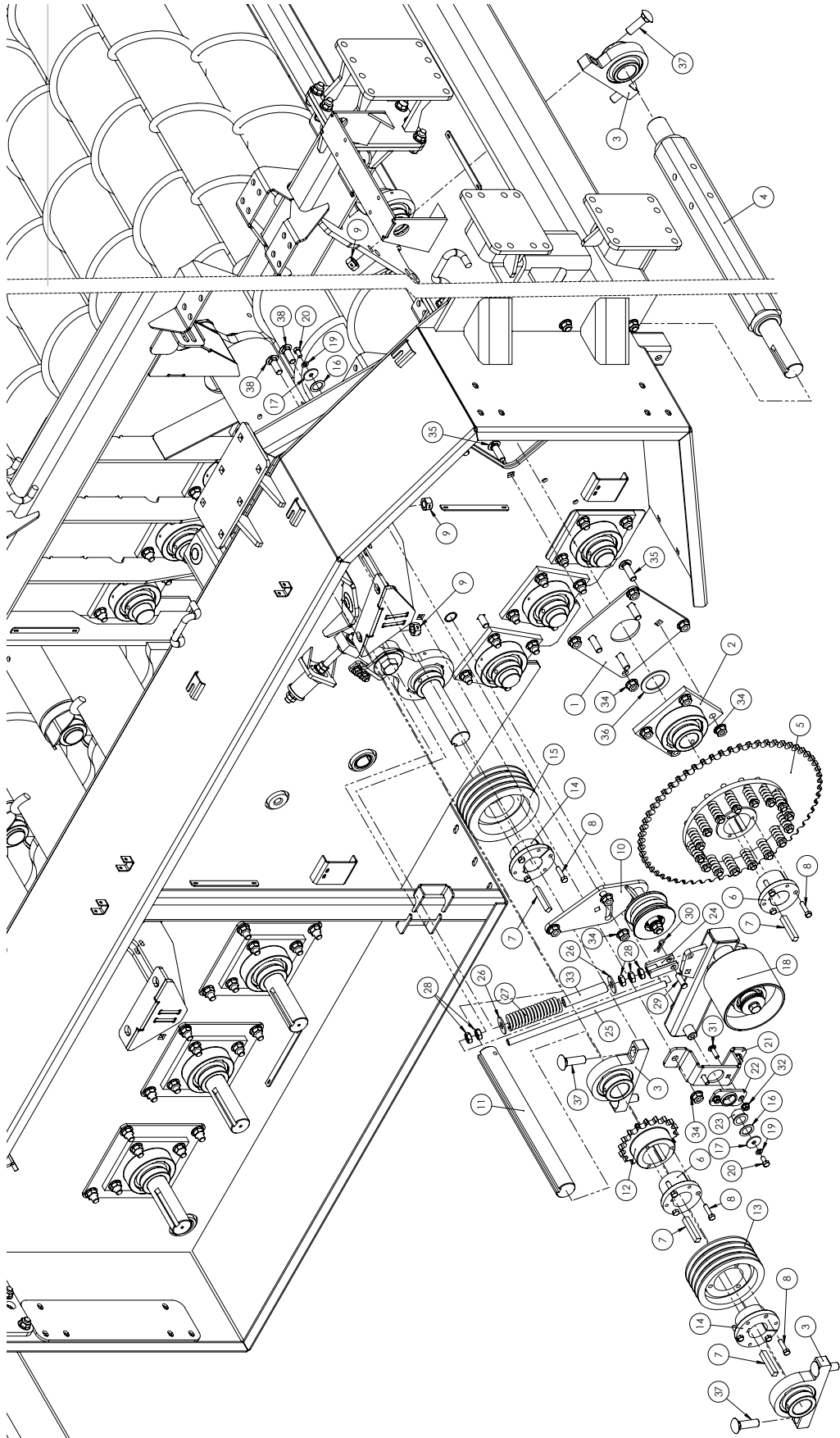
IDLER ASSEMBLY

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	013430	BOLT, HHCS 5/8-11 X 2-1/4"	1
2	020440	WASHER, LOCK 5/8	1
3	561480	SHEAVE ASSY, IDLER 1.25" ID	1
4	561500	WASHER, FLAT 5/8	1
5	621540	MOUNT, IDLER ROLLER	1
6	E829022	WASHER, FLAT 1-1/4" SAE	5

IDLER ARM ASSEMBLY

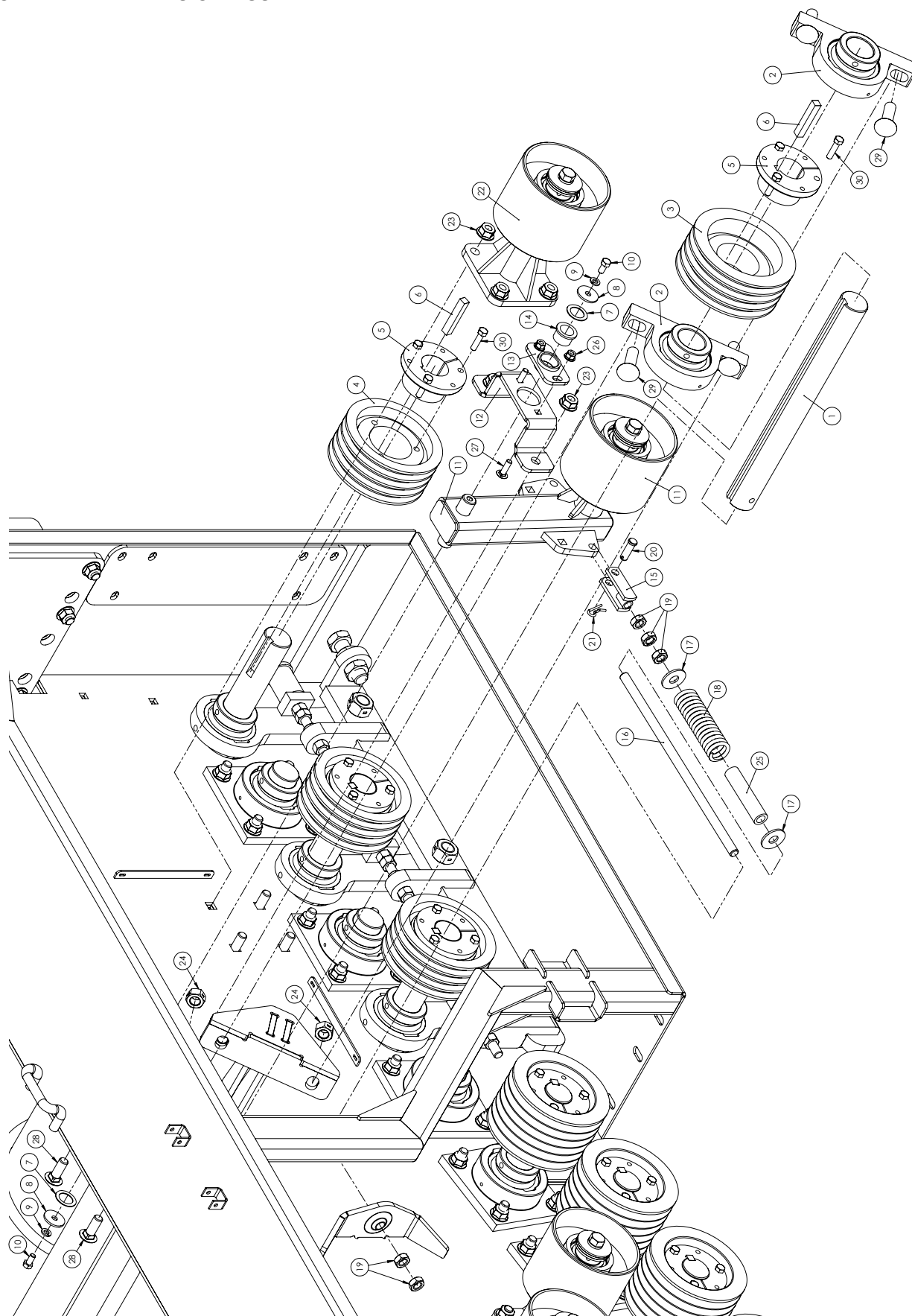
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	013430	BOLT, HHCS 5/8-11 X 2-1/4"	1
2	020440	WASHER, LOCK 5/8	1
3	561480	SHEAVE ASSY, IDLER 1.25" ID	1
4	561500	WASHER, FLAT 5/8	1
5	621779	ARM WLDT, IDLER	1
6	E829022	WASHER, FLAT 1-1/4" SAE	5

ROLLER DRIVE ASSEMBLY

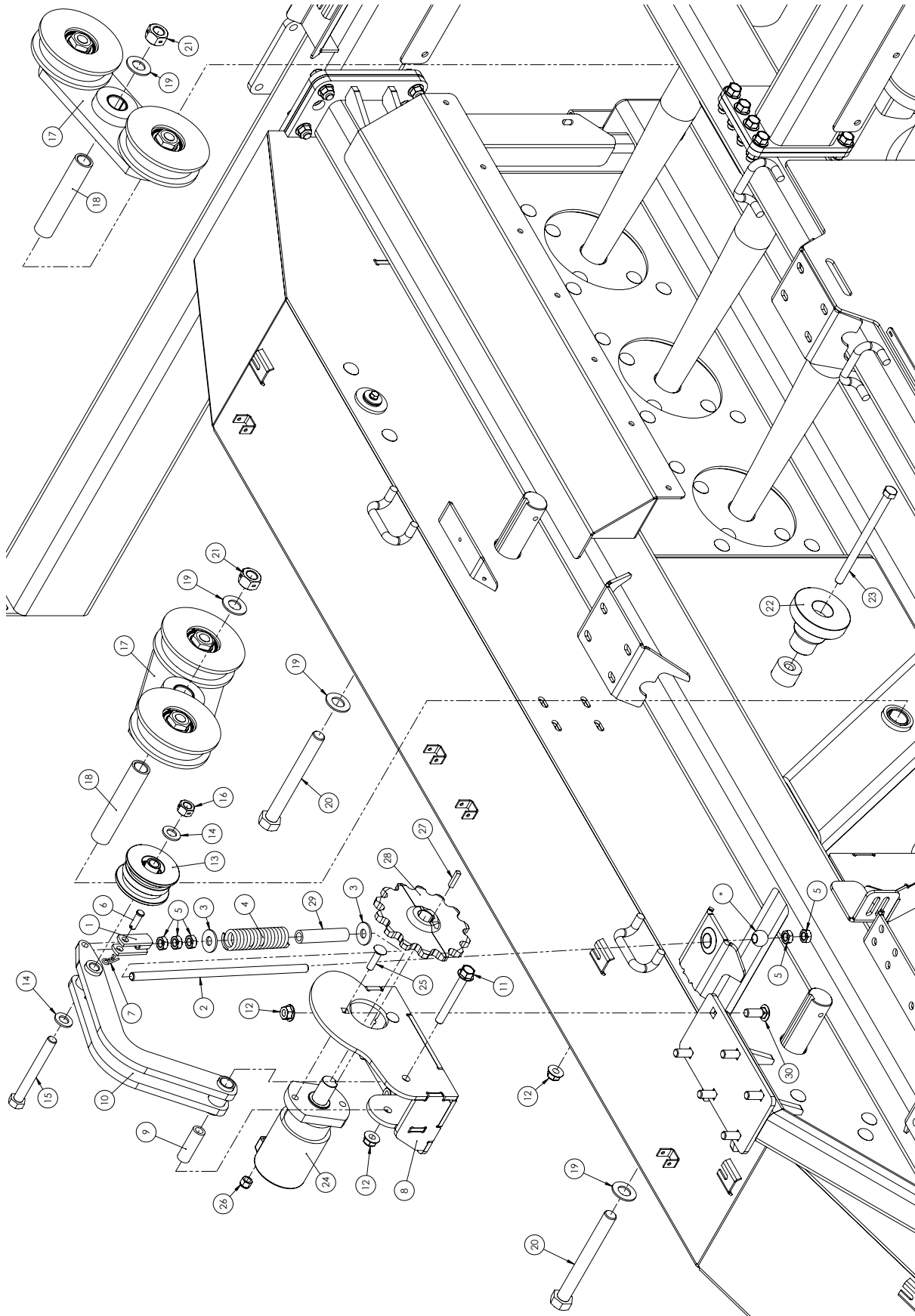


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	621763	PLATE, BEARING OFFSET	2
2	621300	BEARING ASSY, 2"	2
3	621280	BEARING ASSY, 2"	6
4	621509	SHAFT WLDT, PADDLE	2
5	551340	CLUTCH, SLIP 80P 60T	2
6	E126080	BUSHING, Q1 - 2	5
7	E388049	KEY, SQUARE 1/2 X 3	14
8	011370	BOLT, HHCS 3/8-16 X 1-1/2	42
9	152360	NUT, LOCK 3/4-10 HEX	13
10	621575	IDLE ROLLER ASSY	2
11	615610	SHAFT, OUTER	2
12	E741066	SPROCKET, 80Q18	3
13	543750	SHEAVE, 45V710SF,	1
14	251220	BUSHING, QD, SF 2" BORE, 1/2" KW	9
15	547530	SHEAVE 45V750SF,	1
16	003370	WASHER, FLAT 1"	4
17	169280	WASHER, FLAT, 13/32x1.5x.13	4
18	621785	IDLER ARM ASSY	2
19	021180	WASHER, LOCK 3/8	4
20	022420	BOLT, HHCS 3/8-16 X 3/4"	4
21	621767	MOUNT, IDLER ARM	2
22	604220	MOUNT, ADJUSTABLE	2
23	522600	BUSHING, OILITE	2
24	561870	YOKE WLDT, 5/8-11	2
25	622343	ROD, THREADED	2
26	020430	WASHER, FLAT 5/8 STD	4
27	231000	SPRING, COMPRESSION	2
28	1121555	NUT, JAM 5/8-11	10
29	1071212	PIN, CLEVIS 1/2 x 1-1/2"	2
30	124350	PIN, COTTER 1/8 x 1-1/2"	2
31	035180	BOLT, CRG 3/8-16 X 1-1/4"	4
32	600120	NUT, HFH NYLOC 3/8-16	4
33	239040	SPACER, SPRING	2
34	600150	NUT, HFH NYLOC 5/8-11	38
35	287880	BOLT, CRG 5/8-11 X 2"	16
36	396120	BUSHING, MACH	2
37	484020	BOLT, CRG 3/4-10 x 4 Gr5 ZN	12
38	I4331028	BOLT, CRG 5/8-11 X 1-3/4"	22

ROLLER DRIVE TENSION ASSEMBLY

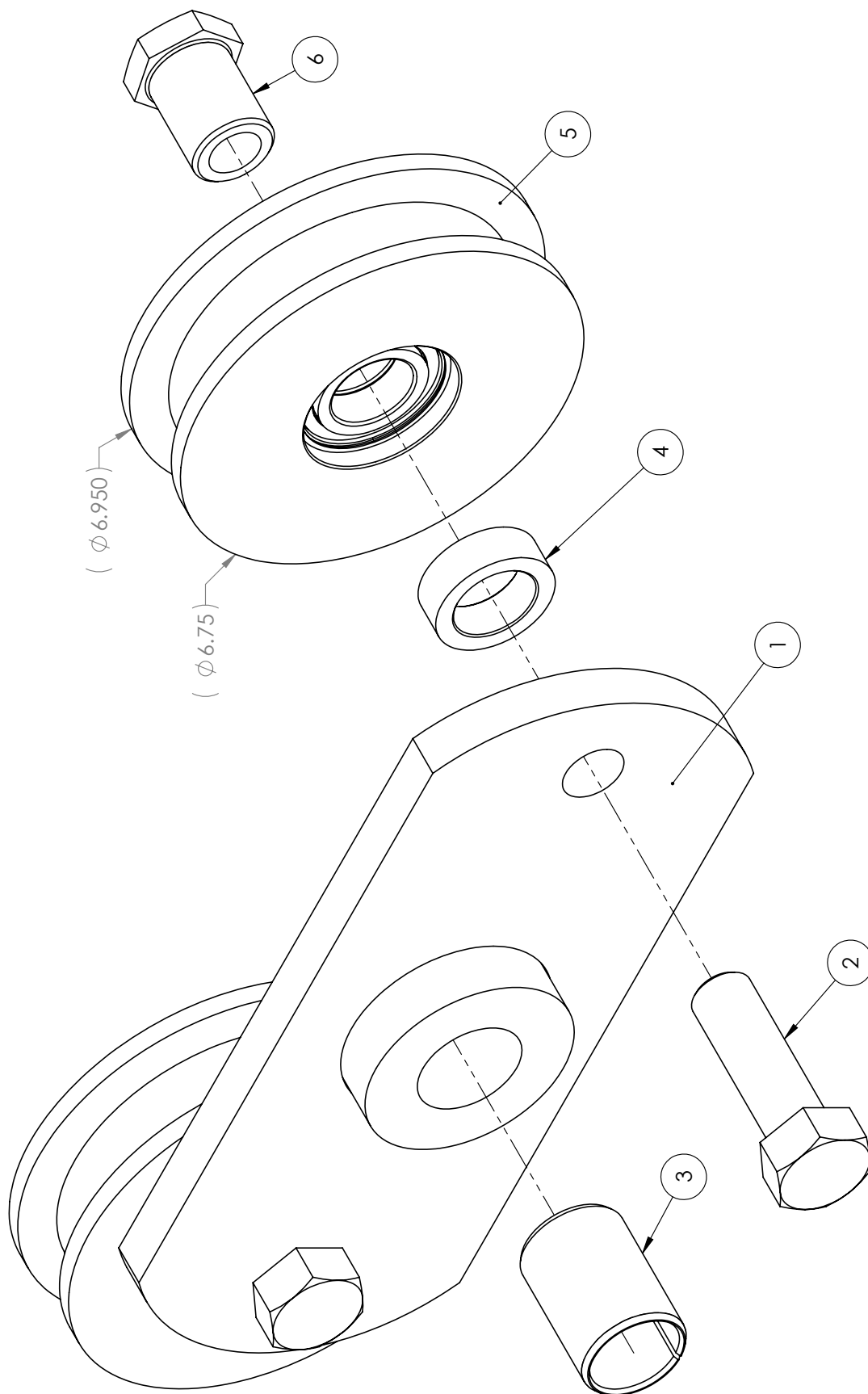


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	615610	SHAFT, OUTER	2
2	621280	BEARING ASSY, 2"	4
3	547530	SHEAVE 45V750SF,	1
4	543750	SHEAVE, 45V710SF,	3
5	251220	BUSHING, QD, SF 2" BORE, 1/2" KW	4
6	E388049	KEY, SQUARE 1/2 X 3	8
7	003370	WASHER, FLAT 1"	4
8	169280	WASHER, FLAT, 13/32x1.5x.13	4
9	021180	WASHER, LOCK 3/8	4
10	022420	BOLT, HHCS 3/8-16 X 3/4"	4
11	621785	IDLER ARM ASSY	2
12	621767	MOUNT, IDLER ARM	2
13	604220	MOUNT, ADJUSTABLE	2
14	522600	BUSHING, OILITE	2
15	561870	YOKE WLDT, 5/8-11	3
16	622343	ROD, THREADED	3
17	020430	WASHER, FLAT 5/8 STD	6
18	231000	SPRING, COMPRESSION	3
19	1121555	NUT, JAM 5/8-11	15
20	1071212	PIN, CLEVIS 1/2 x 1-1/2"	3
21	124350	PIN, COTTER 1/8 x 1-1/2"	3
22	621545	IDLER ASSEMBLY	2
23	600150	NUT, HFH NYLOC 5/8-11	20
24	152360	NUT, LOCK 3/4-10 HEX	9
25	239040	SPACER, SPRING	3
26	600120	NUT, HFH NYLOC 3/8-16	4
27	035180	BOLT, CRG 3/8-16 X 1-1/4"	4
28	14331028	BOLT, CRG 5/8-11 X 1-3/4"	18
29	484020	BOLT, CRG 3/4-10 x 4 Gr5 ZN	8
30	011370	BOLT, HHCS 3/8-16 X 1-1/2	24

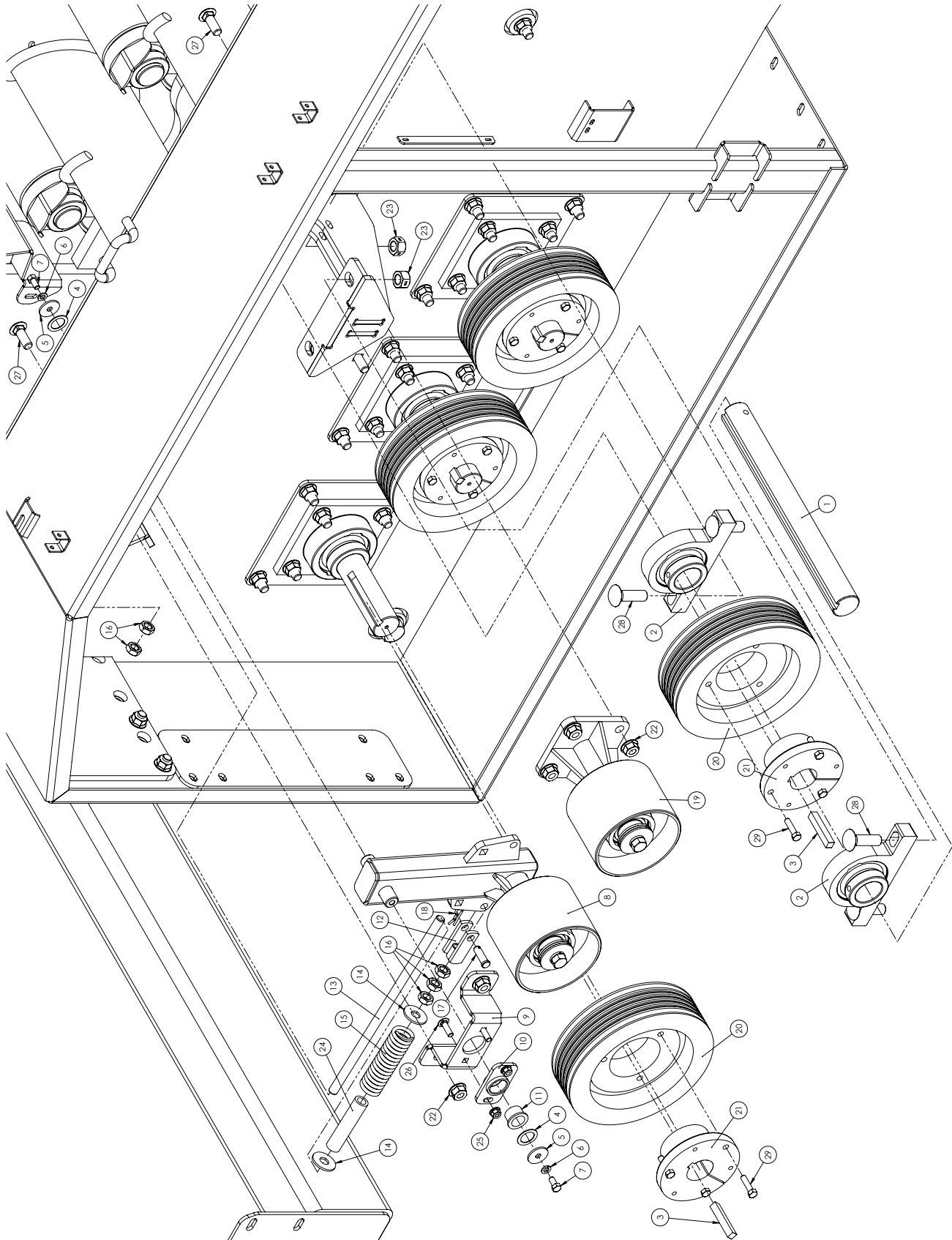
BELT MOTOR ASSEMBLY

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	561870	YOKE WLDT, 5/8-11	3
2	622343	ROD, THREADED	3
3	020430	WASHER, FLAT 5/8 STD	6
4	231000	SPRING, COMPRESSION	3
5	1121555	NUT, JAM 5/8-11	15
6	1071212	PIN, CLEVIS 1/2 x 1-1/2"	3
7	124350	PIN, COTTER 1/8 x 1-1/2"	3
8	622335	MOUNT WLDT, MOTOR	1
9	601960	SPACER, IDLER ARM	1
10	622330	ARM WLDT, IDLER	1
11	600410	BOLT, HFH 5/8-11 X 5"	1
12	600150	NUT, HFH NYLOC 5/8-11	20
13	623550	ROLLER, IDLEMASTER	1
14	1131017	WASHER, FLAT	2
15	1111952	BOLT, HHCS 3/4-10 X 8"	1
16	152360	NUT, LOCK 3/4-10 HEX	9
17	596620	ROLLER SUB ASM	2
18	621518	TUBE, WHEEL PIVOT	2
19	1107389	WASHER, FLAT 1 SAE	4
20	458530	HBOLT 1.0000-8x7.5x7.5-N	2
21	990510	NUT, LOCK 2-WAY 1-8	2
22	619860	ROLLER, CHAIN IDLER	1
23	E672073	HBOLT 0.6250-11x8.5x8.5-N	1
24	606950	MOTOR, HYD, 24.7 CID	1
25	991200	BOLT, CRG 1/2-13 x 2	2
26	037540	NUT, LOCK 1/2-13 GR5 ZN NYLON	2
27	021630	KEY,SQUARE 5/16 X 1-1/2"	1
28	622340	SPROCKET, 14T	1
29	239040	SPACER, SPRING	3
30	I4331028	BOLT, CRG 5/8-11 x 3-1/2	18

TANDEM ROLLER ASSEMBLY

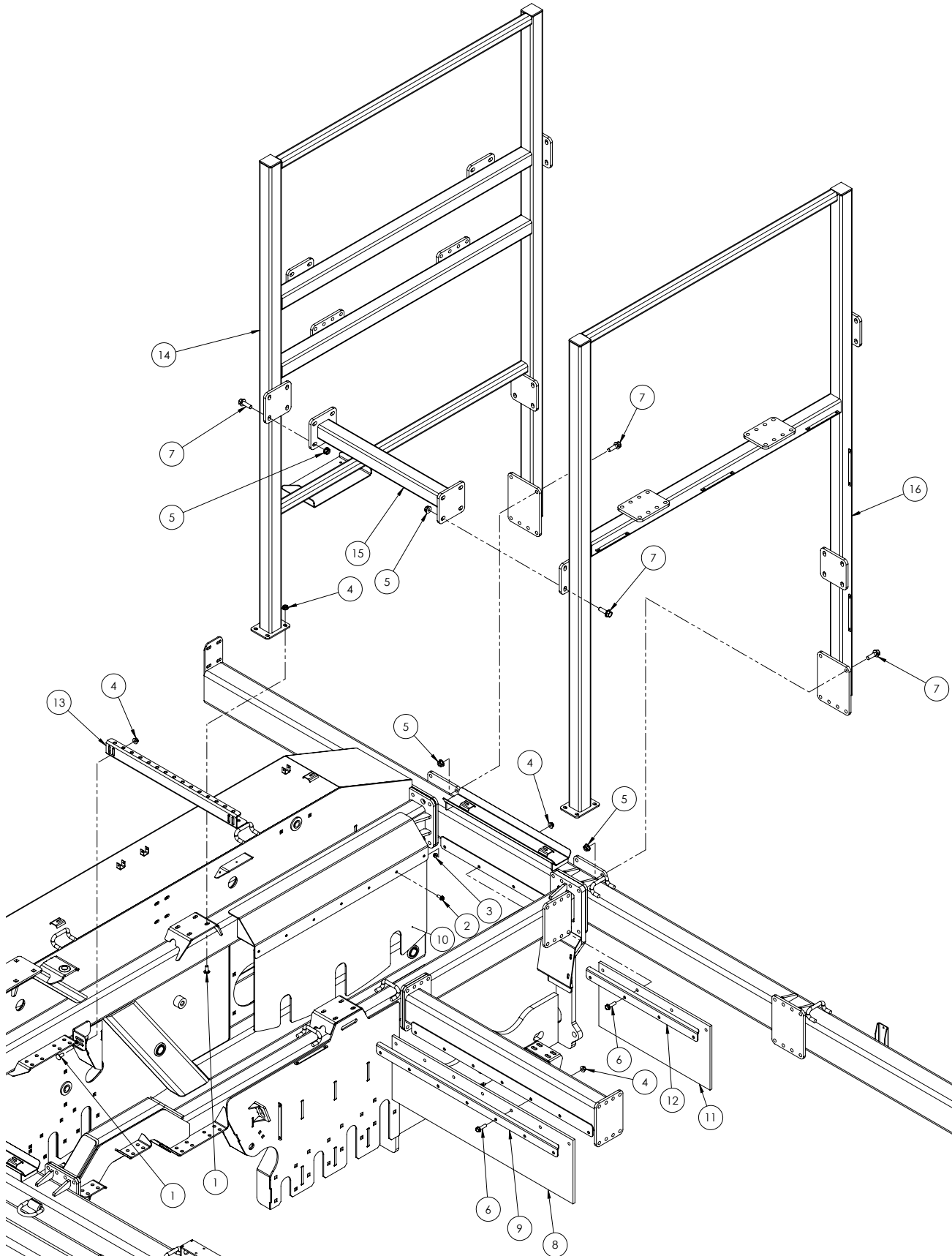


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	575050	WELDMENT, WALKING ARM	1
2	268730	BOLT, HHCS 1-8 X 3, GR8	2
3	466450	BUSHING, STEEL	1
4	609045	SPACER, ROLLER	2
5	623530	ROLLER ASSY, WHEEL GUIDE	2
6	621421	NUT, GUIDE WHEEL	2

ROLLER DRIVE TENSION WHEEL ASSEMBLY

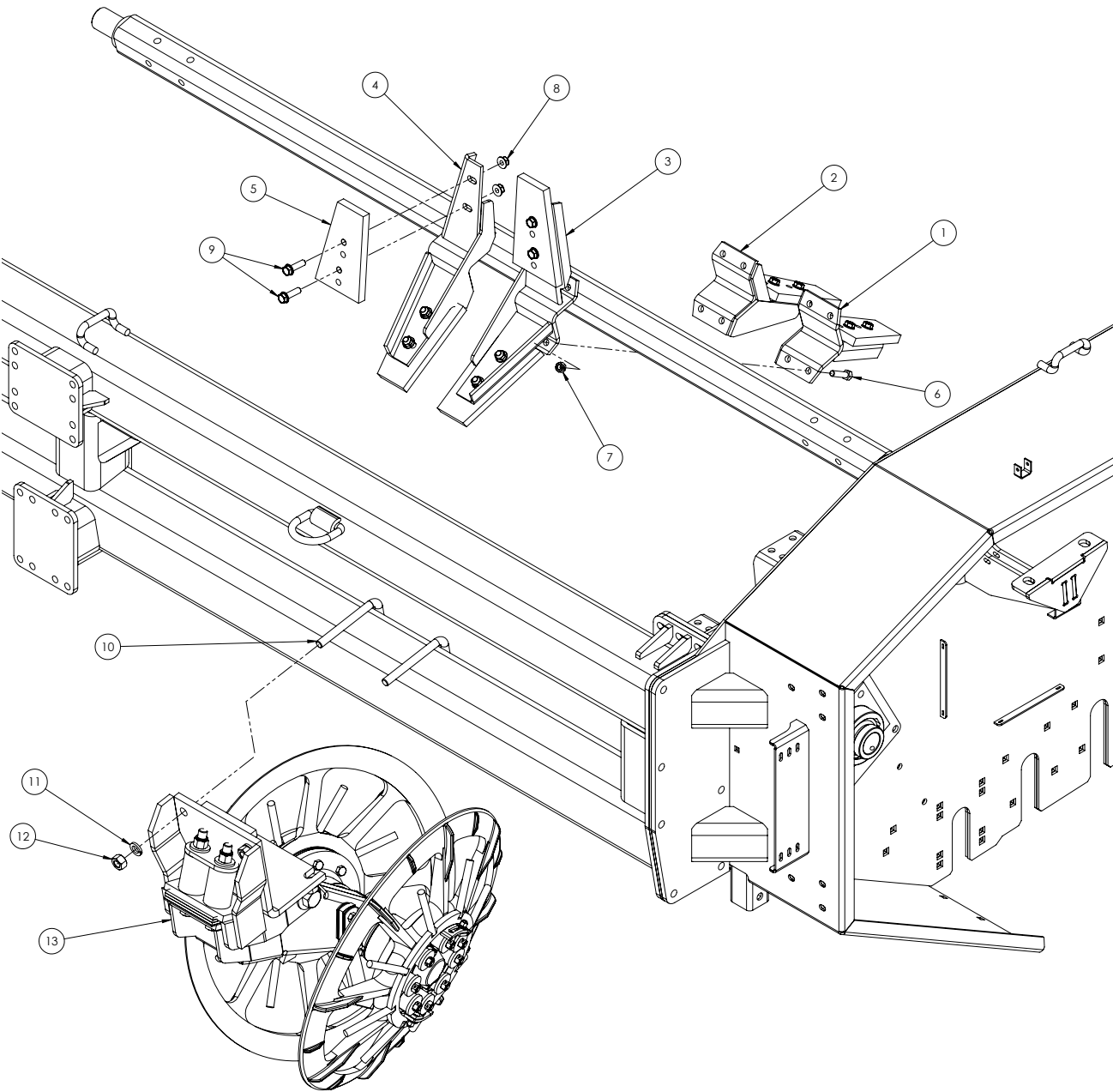
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	615610	SHAFT, OUTER	2
2	621280	BEARING ASSY, 2"	4
3	E388049	KEY, SQUARE 1/2 X 3	8
4	003370	WASHER, FLAT 1"	4
5	169280	WASHER, FLAT, 13/32x1.5x.13	4
6	021180	WASHER, LOCK 3/8	4
7	022420	BOLT, HHCS 3/8-16 X 3/4"	4
8	621785	IDLER ARM ASSY	2
9	621767	MOUNT, IDLER ARM	2
10	604220	MOUNT, ADJUSTABLE	2
11	522600	BUSHING, OILITE	2
12	561870	YOKE WLDT, 5/8-11	3
13	622343	ROD, THREADED	3
14	020430	WASHER, FLAT 5/8 STD	6
15	231000	SPRING, COMPRESSION	3
16	1121555	NUT, JAM 5/8-11	15
17	1071212	PIN, CLEVIS 1/2 x 1-1/2"	3
18	124350	PIN, COTTER 1/8 x 1-1/2"	3
19	621545	IDLER ASSEMBLY	2
20	543760	SHEAVE 45V1090E,	4
21	251230	BUSHING, QD, 2" BORE	4
22	600150	NUT, HFH NYLOC 5/8-11	20
23	152360	NUT, LOCK 3/4-10 HEX	9
24	239040	SPACER, SPRING	3
25	600120	NUT, HFH NYLOC 3/8-16	4
26	035180	BOLT, CRG 3/8-16 X 1-1/4"	4
27	I4331028	BOLT, CRG 5/8-11 X 1-3/4"	18
28	484020	BOLT, CRG 3/4-10 x 4 Gr5 ZN	8
29	011370	BOLT, HHCS 3/8-16 X 1-1/2"	24

VERTICAL SUPPORT ASSEMBLY



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	030470	BOLT, CRG 1/2-13 X 1-1/4"	12
2	600050	BOLT, HFH 3/8-16 X 1.00"	7
3	600120	NUT, HFH NYLOC 3/8-16	7
4	600140	NUT, HFH NYLOC 1/2-13	23
5	600150	NUT, HFH NYLOC 5/8-11	20
6	600230	BOLT, HFH 1/2-13	11
7	600540	BOLT, HFH 5/8-11	20
8	606800	CURTAIN, ROLL	1
9	607180	CLAMP, CURTAIN	1
10	621525	FLAP, RUBBER	1
11	621535	FLAP, RUBBER	1
12	621536	CLAMP, WHEEL FLAP	1
13	622369	CHANNEL, WHEEL FENCE	1
14	622705	TOWER WLDT, RH	1
15	622745	BEAM WLDY, SUPPORT	1
16	622805	TOWER WELDMENT, LH	1

PICKUP WHEEL ATTACHMENT ASSEMBLY

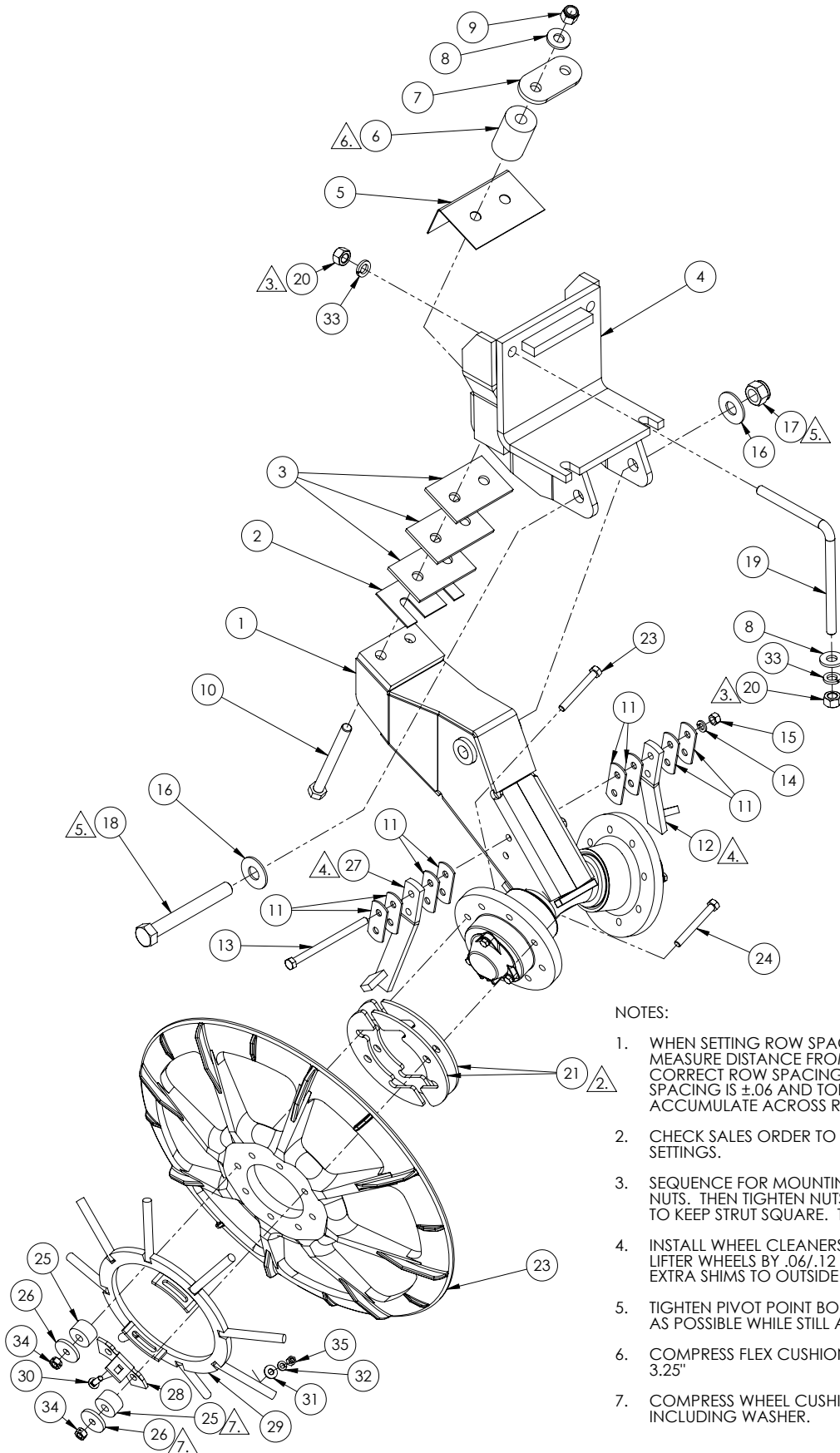


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	354250	PADDLE WLDT, LH SINGLE	8
2	354240	PADDLE WLDT, RH SINGLE	8
3	354230	PADDLE WLDT, LH DOUBLE	8
4	354220	PADDLE WLDT, RH DOUBLE	8
5	558340	PADDLE, RUBBER	48
6	407610	BOLT, HHCS 1/2-13 X 2"	64
7	127890	NUT, LOCK 1/2-13 2-WAY	64
8	600140	NUT, HFH NYLOC	96
9	600230	BOLT, HFH 1/2-13 X 1-3/4"	96
10	403860	BOLT, "L" 3/4 X 6-7/8" X 8-3/4"	16
11	036800	WASHER, LOCK 3/4" SAE	32
12	J14H794	NUT, HEX 3/4-10	32
13	561890	FLEX STRUT ASSY, HEAVY WHEELS	8

NOTES:

1. ITEMS ON THIS PAGE ARE COMPONENTS OF PARTS
PKG BASED ON MACHINE ORDERED
 1. 8 ROW, 24" MACHINE: 623510
 2. 8 ROW, 22" MACHINE: 623511
 3. 6 ROW, 30" MACHINE: 623512
 4. 6 ROW, 24" MACHINE: 623513
 5. 6 ROW, 30" MACHINE: 623514

PICKUP WHEEL ASSEMBLY

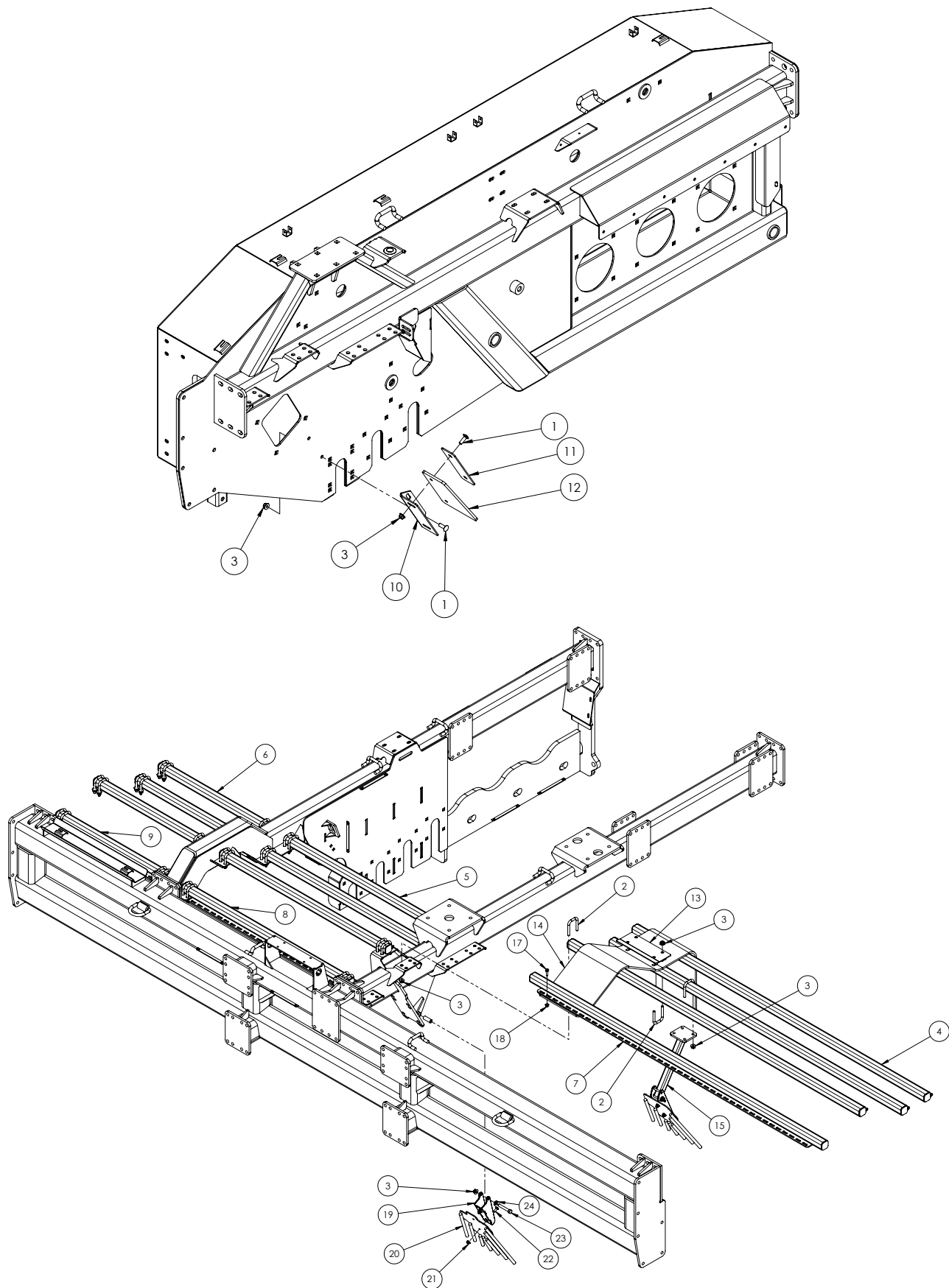


NOTES:

1. WHEN SETTING ROW SPACING PER SALES ORDER, MEASURE DISTANCE FROM PINCH POINTS TO GET CORRECT ROW SPACING. TOLERANCE FOR ROW SPACING IS $\pm .06$ AND TOLERANCES ARE NOT TO ACCUMULATE ACROSS ROWS.
2. CHECK SALES ORDER TO VERIFY PINCH POINT SETTINGS.
3. SEQUENCE FOR MOUNTING STRUTS IS TO SNUG BOTH NUTS. THEN TIGHTEN NUTS IN A CRISS-CROSS PATTERN TO KEEP STRUT SQUARE. TIGHTEN NUTS TO 200 LBS.-FT.
4. INSTALL WHEEL CLEANERS SO THAT SCRAPERS CLEAR LIFTER WHEELS BY $.06/.12$ AT CLOSEST POINT. INSTALL EXTRA SHIMS TO OUTSIDE OF SCRAPER.
5. TIGHTEN PIVOT POINT BOLT SO PIVOT AREA IS AS SNUG AS POSSIBLE WHILE STILL ALLOWING MOVEMENT.
6. COMPRESS FLEX CUSHIONS TO A TOTAL LENGTH OF 3.25"
7. COMPRESS WHEEL CUSHIONS TO A LENGTH OF 1.00" INCLUDING WASHER.

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	521780	STRUT ASSY,	1
2	516180	SHIM, PIVOT, 10 GA.	1
3	436800	SHIM, PIVOT	3
4	431590	UPPER WLDT,	1
5	458950	SHIELD, PIVOT STRUT	1
6	515890	PAD, FLEX	2
7	433150	WASHER, DOUBLE FLAT	1
8	J24H1401	WASHER, FLAT	4
9	1100238	NUT, NYLOK 3/4-10 UNC	2
10	990980	BOLT, HHCS 3/4-10 X 7-1/2"	2
11	521790	SHIM, SCRAPER	8
12	521810	SCRAPER WLDT,	1
13	E672288	Bolt, HHCS 1/2-13 x 7-1/2 Gr5 ZN	2
14	005370	WASHER, LOCK 1/2	2
15	005360	NUT, HEX 1/2-13	2
16	990720	WASHER, FLAT 1" STD	2
17	1110440	NYLON INSERT LOCKNUT, 1-8 UNC	1
18	252020	BOLT, HHCS 1-8 X 8"	1
19	403860	BOLT, "L"	2
20	J14H794	NUT, HEX 3/4-10 GR5 ZN	4
21	268570	SPACER, BEET	8
23	598500	WHEEL, LIFTER	2
23	038560	BOLT, HHCS 1/2-13 X 4"	8
24	340300	BOLT, HHCS 1/2-13 X 4-1/4"	8
25	267710	PAD, FLEX	16
26	I486801R1	WASHER, FLAT 1/2	16
27	521800	SCRAPER WLDT,	1
28	463370	BRACKET, MOUNTING	4
29	463350	CLOSEUP, LIFTER	2
30	035180	BOLT, CRG 3/8-16 X 1-1/4"	4
31	021190	WASHER, FLAT 3/8 STD	4
32	021180	WASHER, LOCK 3/8	4
33	036800	WASHER, LOCK 3/4 SAE	4
34	127890	NUT, HEX LOCK 1/2-13 TOP LOCK	16
35	027260	NUT, HEX 3/8-16 GR5	4

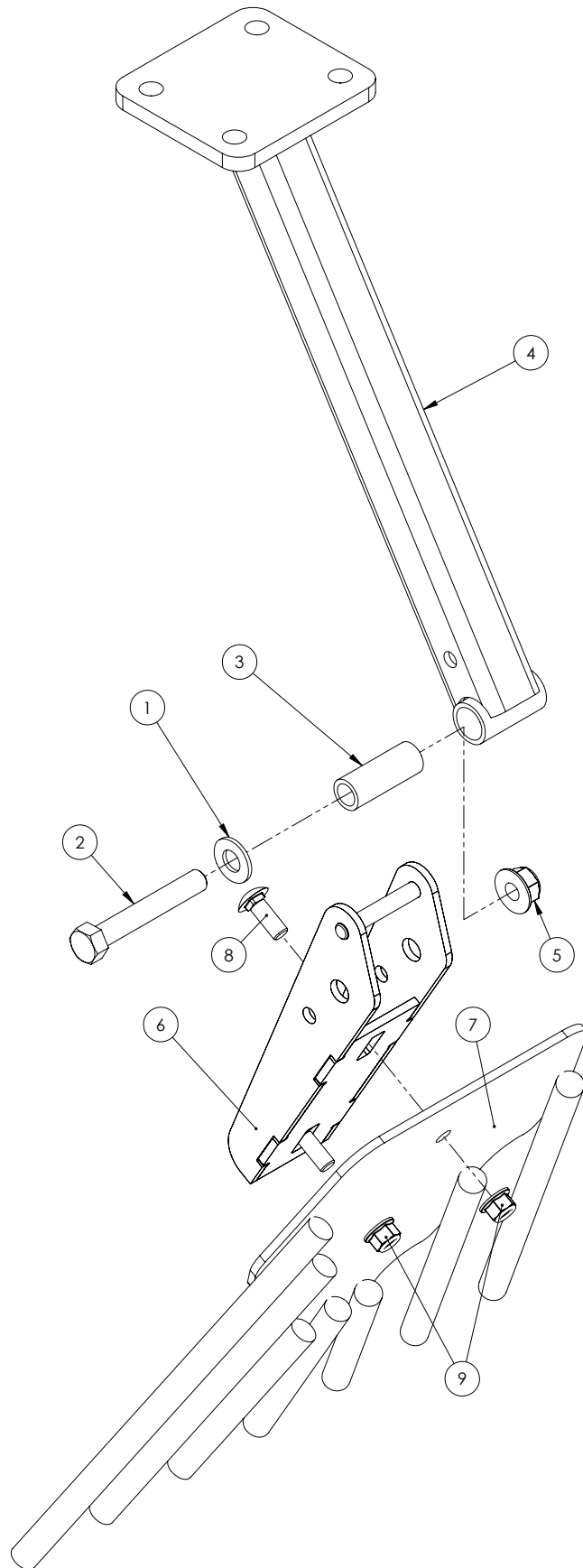
TINE ATTACHMENT ASSEMBLY



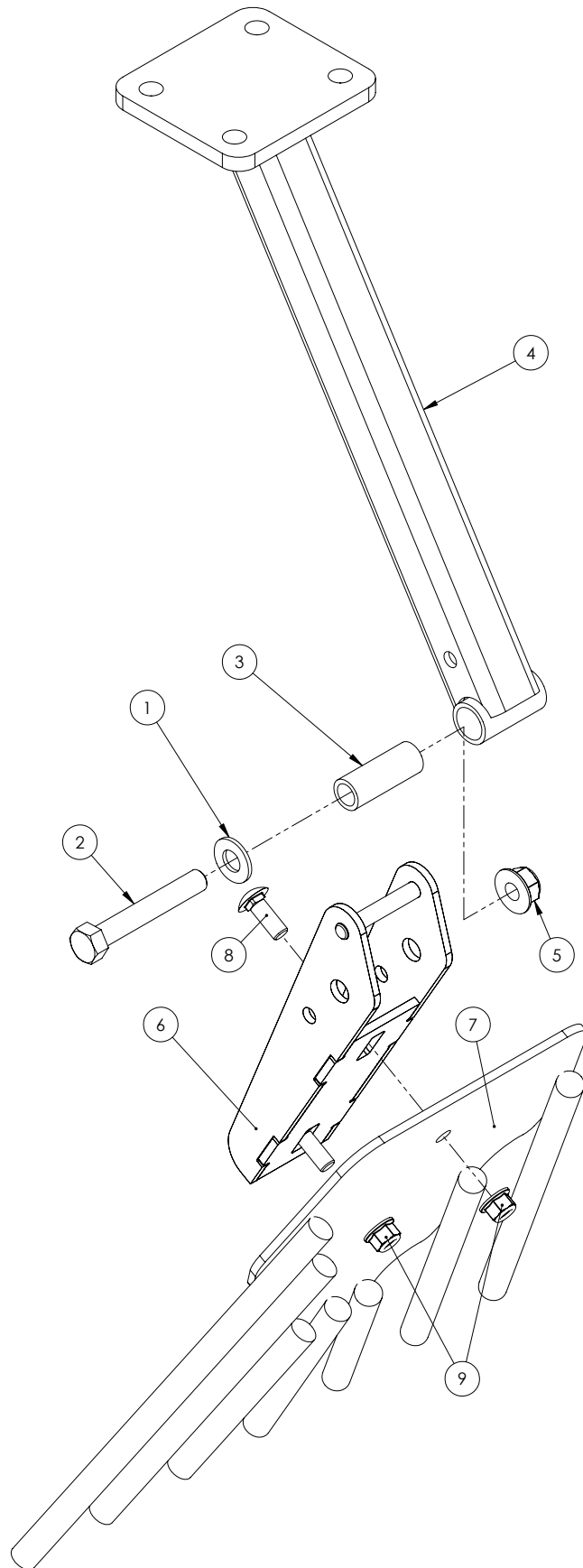
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	156850	BOLT, CRG 1/2-13 X 1-1/2"	8
2	290890	BOLT, U, 1/2-13x2.06x3.25	48
3	600140	NUT, HFH NYLOC 1/2-13	104
4	621506	TUBE WELDMENT	3
5	621507	TUBE WELDMENT	3
6	621508	TUBE WELDMENT	3
7	621671	FLAP TUBE WLDT	1
8	621674	FLAP TUBE WLDT	1
9	621677	FLAP TUBE WLDT	1
10	622321	MOUNT, END BARRIER	2
11	622322	CLAMP, END BARRIER	2
12	622325	FLAP, END BARRIER	2
13	481620	BRACKET, PADDLE COVER	8
14	613650	FLAP, PADDLE COVER	8
15	597650	BARRIER ASM, 22"	6
15*	597655	BARRIER ASM, 30"	6
17	609240	BOLT, HFH 5/16-18 X 1-1/4"	40
18	600110	NUT, HFH NYLOC 5/16-18	40
19	595995	MOUNT, CENTER BARRIER	1
20	595985	BARRIER WLDT, CENTER	1
21	600120	NUT, HFH NYLOC 3/8-16	2
22	170530	BOLT, CRG 3/8-16 X 1"	2
23	041410	BOLT, HHCS 1/2-13 X 3-1/4"	1
24	005200	WASHER, FLAT 1/2" STD	1

NOTES:

1. ITEMS 13 THRU 24 ARE COMPONENTS OF PARTS PKG
BASED ON MACHINE ORDERED
 1. 8 ROW, 24" MACHINE: 623510
 2. 8 ROW, 22" MACHINE: 623511
 3. 6 ROW, 30" MACHINE: 623512
 4. 6 ROW, 24" MACHINE: 623513
 5. 6 ROW, 30" MACHINE: 623514

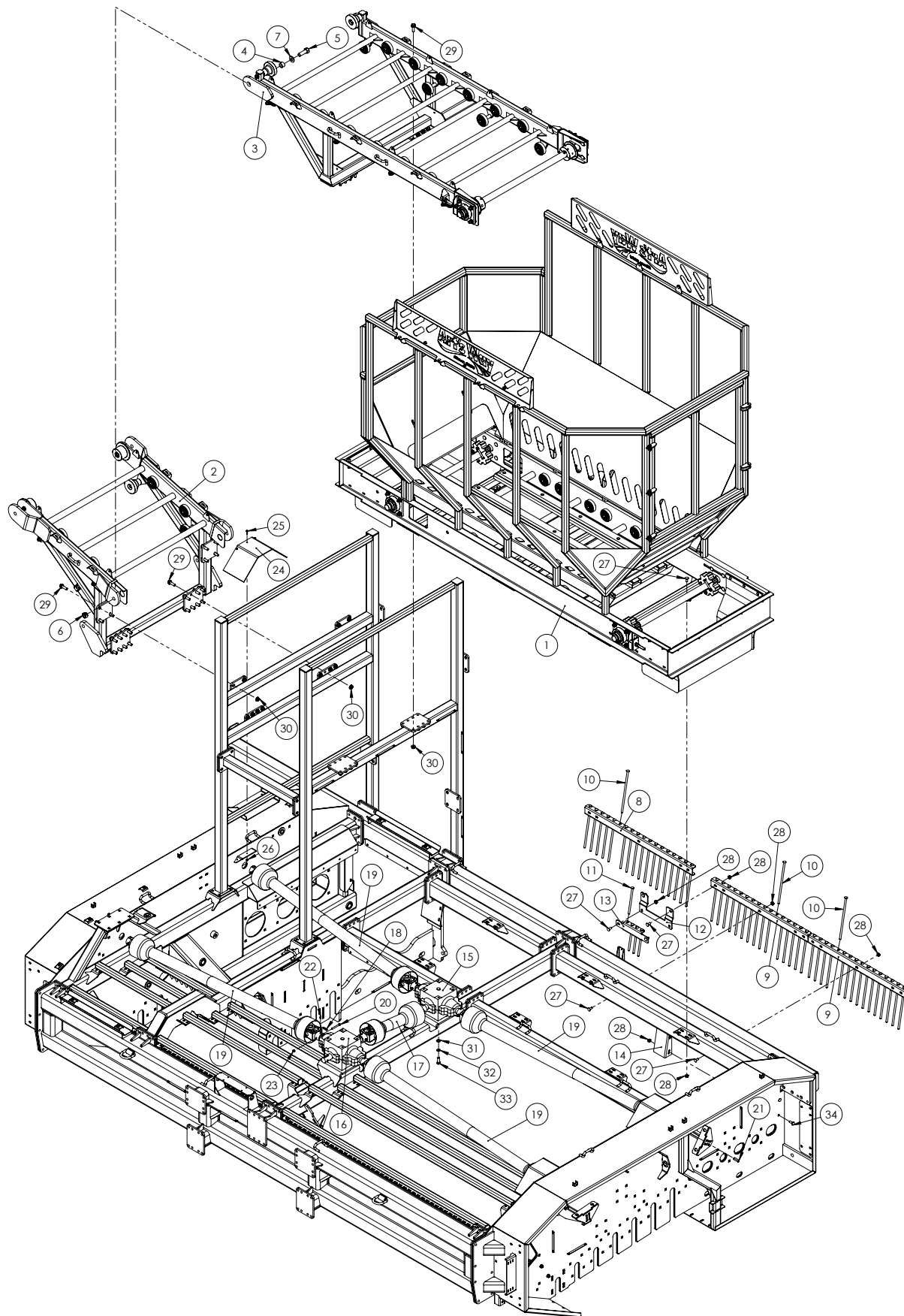
TINE ASSEMBLY, 22"

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

TINE ASSEMBLY, 30"

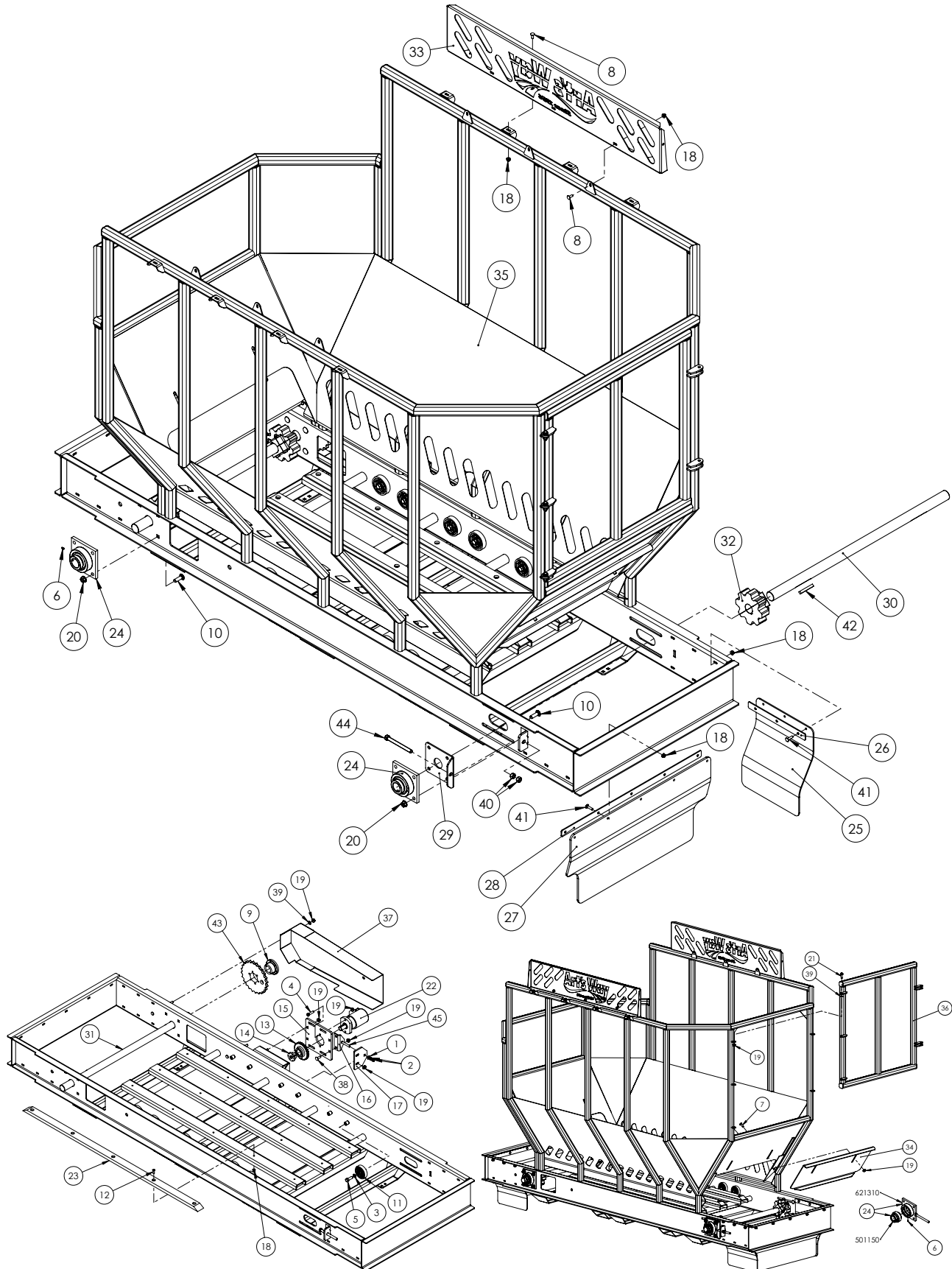
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005200	WASHER, FLAT 1/2 STD	1
2	041410	BOLT, HHCS 1/2-13 X 3.25 GR5	1
3	595510	TUBE, SPACER	1
4	595910	BARRIER MOUNT	1
5	600140	NUT, HFH NYLOC 1/2-13	1
6	595990	MOUNT, BARRIER	1
7	604330	BARRIER COMB WLDT	1
8	170530	BOLT, CRG 3/8-16 X 1"	2
9	600120	NUT, HFH NYLOC 3/8-16	2

TANK, CONVEYOR, PTO DRIVELINE, AND GUARD ASSEMBLY



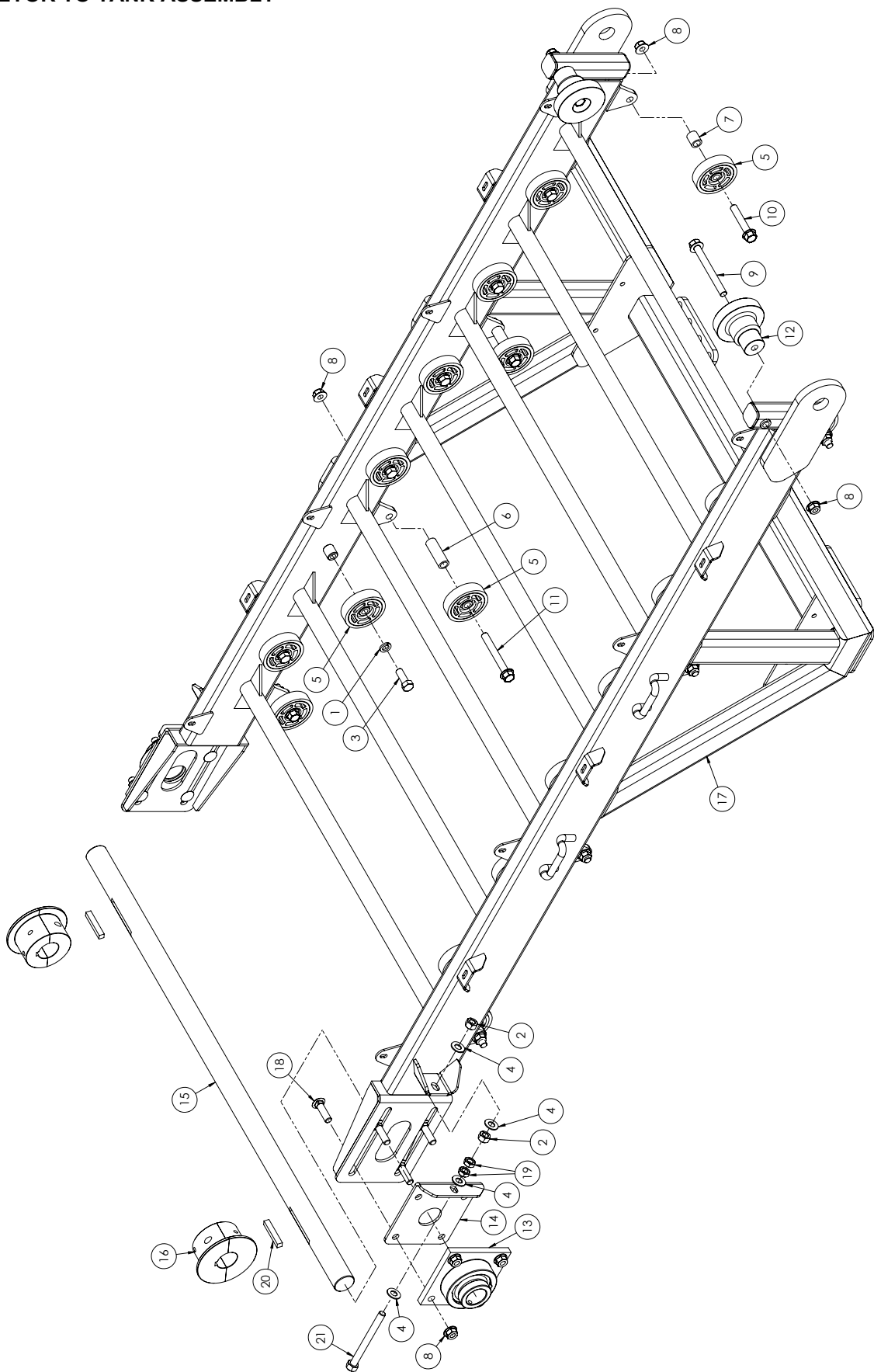
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	622850	TANK ASSEMBLY	1
2	622825	CONVEYOR ASSY,	1
3	622710	CONVEYOR ASSY,	1
4	623015	BUSHING, ELEVATOR	2
5	R66338	BOLT, HHCS 1-8 X 3"	2
6	990510	NUT, LOCK 2-WAY 1-8	2
7	042180	WASHER, FLAT 1 x 2 x 3/16	2
8	622351	CHANNEL, REAR FENCE	1
9	622348	CHANNEL, REAR FENCE	2
10	347540	ROD, GRATE .5 x 14.75	65
11	532050	ROD, GRATE .5 x 9.25	4
12	622355	BRACKET, REAR FENCE	1
13	622352	CHANNEL, CENTER FENCE	1
14	622380	GUARD, REAR FILLER	1
15	621480	GEARBOX, 1.5:1	1
16	520400	GEARBOX, 1.857:1	1
17	621475	SHAFT ASSEMBLY	1
18	006670	KEY, SQUARE 3/8 x 1-1/2	6
19	621465	SHAFT ASSEMBLY	4
20	I189304	BOLT, HHCS 3/8-16 X 3-1/4"	9
21	R66305	KEY, SQUARE 1/2" X 2"	4
22	120970	SCREW, HSSS 3/8-16 X 1/2"	10
23	E552044	NUT, NYLOC 3/8-16	9
24	526720	DEFLECTOR, RUBBER	3
25	600020	BOLT, HFH 1/4-20	9
26	600100	NUT, HFH NYLOC 1/4-20	9
27	030470	BOLT, CRG 1/2-13 X 1-1/4"	37
28	600140	NUT, HFH NYLOC 1/2-13	39
29	600540	BOLT, HFH 5/8-11	40
30	600150	NUT, HFH NYLOC 5/8-11	40
31	035210	WASHER, FLAT 5/8	8
32	020440	WASHER, LOCK 5/8	8
33	025100	BOLT, HHCS 5/8-11 X 1-3/4"	8
34	E096046	BOLT, CRG 1/2-13 X 1-1/2	2

TANK ASSEMBLY



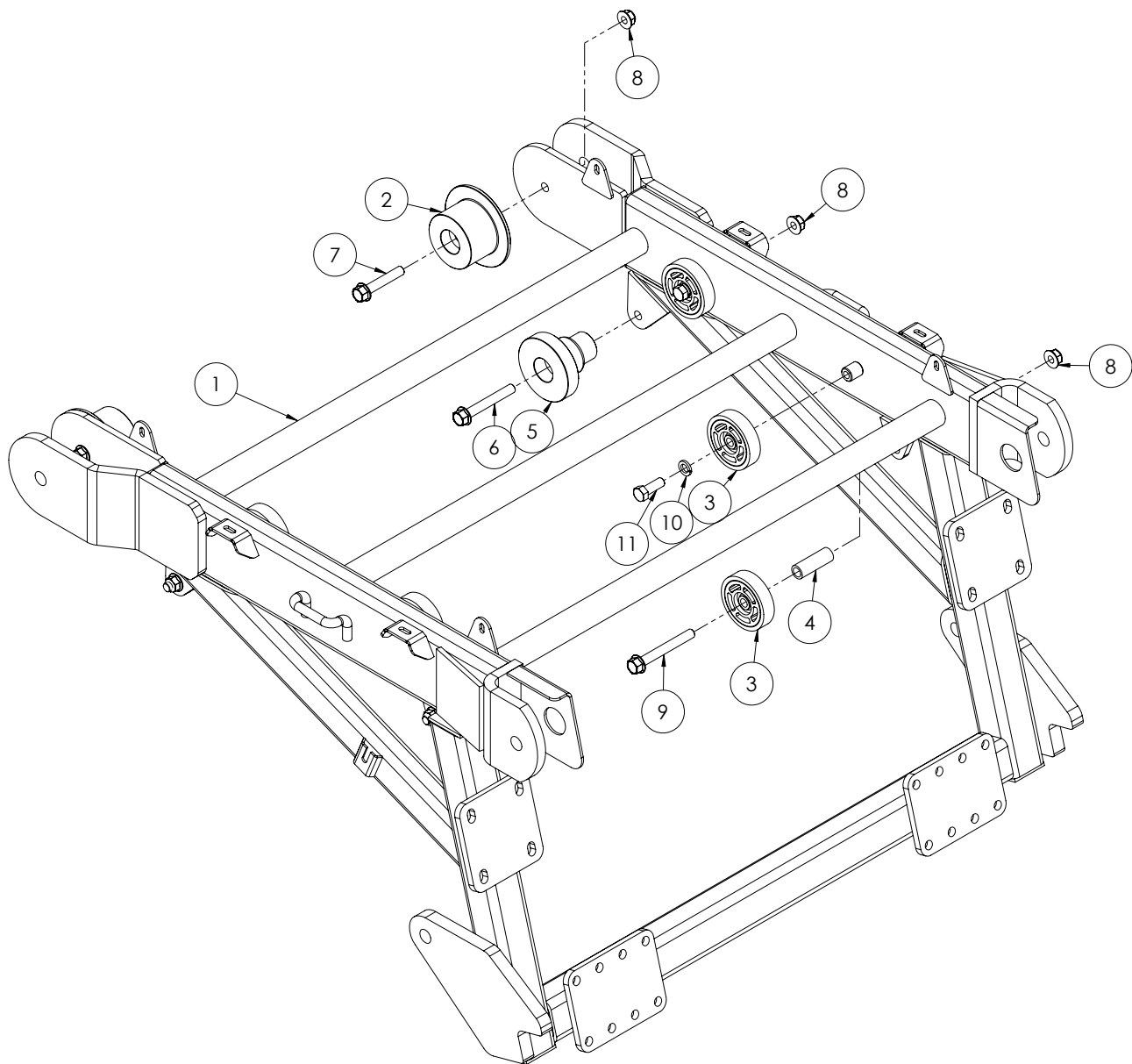
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005200	WASHER, FLAT 1/2 STD	1
2	005360	NUT, HEX 1/2-13	2
3	020440	WASHER, LOCK 5/8	12
4	023950	BOLT, HHCS 1/2-13 X 2"	2
5	025100	BOLT, HHCS 5/8-11 X 1-3/4"	12
6	115590	FITTING, GREASE	4
7	156850	BOLT, CRG 1/2-13 X 1-1/2"	4
8	170530	BOLT, CRG 3/8-16 X 1"	14
9	251220	BUSHING, QD, SF 2" BORE, 1/2" KW	1
10	287880	BOLT, CRG 5/8-11 X 2"	16
11	343280	ROLLER, RUBBER 4" DIA	12
12	395840	SCREW, FCHMS 3/8-16 X 1-1/4"	15
13	558640	SPROCKET, H80, 12T	1
14	558650	BUSHING, QD-SH 1.25" BORE	1
15	558670	PLATE, BOOM MOTOR	1
16	558680	ANGLE, TAKE-UP	1
17	558690	BRACKET, BOLT-ON	1
18	600120	NUT, HFH NYLOC 3/8-16	51
19	600140	NUT, HFH NYLOC 1/2-13	19
20	600150	NUT, HFH NYLOC 5/8-11	16
21	600580	BOLT, HFH 1/2-13 X 1-1/2"	3
22	606950	MOTOR, HYD, 24.7 CID	1
23	609320	STRIP, WEAR UHMW 6'	3
24	621300	BEARING ASSY, 2"	4
25	621704	FLAP, RUBBER	4
26	621706	PLATE, CLAMP	4
27	621707	FLAP, RUBBER	2
28	621708	PLATE, CLAMP	2
29	621812	PLATE, BRG MOUNT	2
30	621813	SHAFT, TANK APRON	1
31	621814	SHAFT, TANK APRON	1
32	621850	SPROCKET, HOOK CHAIN	4
33	622035	FENCE, TANK UPPER	2
34	622855	GATE, BEET TANK	2
35	622950	TANK WELDMENT	1
36	622985	DOOR, BEET TANK	1
37	622990	CHAIN GUARD	1
38	E096046	BOLT, CRG 1/2-13 X 1-1/2	8
39	I120396	WASHER, FLAT 1/2"	5
40	I124589	NUT, HEX 5/8-11	4
41	J03H1558	BOLT, CRG 3/8-16 X 1-1/2	22
42	JA20595R	KEY, SQU. 1/2" X 3-1/2"	4
43	P99649	SPROCKET	1
44	R66168	BOLT, ADJ 5/8 X 6-1/2	2
45	V061802	BOLT, CRG 1/2-13 X 3-1/2	1

CONVEYOR TO TANK ASSEMBLY



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	020440	WASHER, LOCK 5/8	12
2	020450	NUT, HEX 5/8-11	4
3	025100	BOLT, HHCS 5/8-11 X 1-3/4"	12
4	035210	WASHER, FLAT 5/8	8
5	343280	ROLLER, RUBBER 4" DIA	20
6	532770	SPACER, STEEL	4
7	556020	SPACER,	4
8	600150	NUT, HFH NYLOC 5/8-11	18
9	600220	BOLT, HFH 5/8-11 X 6 GR 8	2
10	600380	BOLT, HFH 5/8-11	4
11	600410	BOLT, HFH 5/8-11 X 5"	4
12	619860	ROLLER, CHAIN IDLER	2
13	621300	BEARING ASSY, 2"	2
14	621812	PLATE, BRG MOUNT	2
15	621815	SHAFT, TANK CONVEYOR	1
16	622385	ROLLER, SPLIT FLANGE	2
17	622700	CONVEYOR WLDT, TANK	1
18	990760	BOLT, CRG 5/8-11 x 2-1/4	8
19	1121555	NUT, JAM 5/8-11	4
20	E388049	KEY, SQUARE 1/2 X 3	2
21	R66168	BOLT, ADJ 5/8 X 6-1/2	2

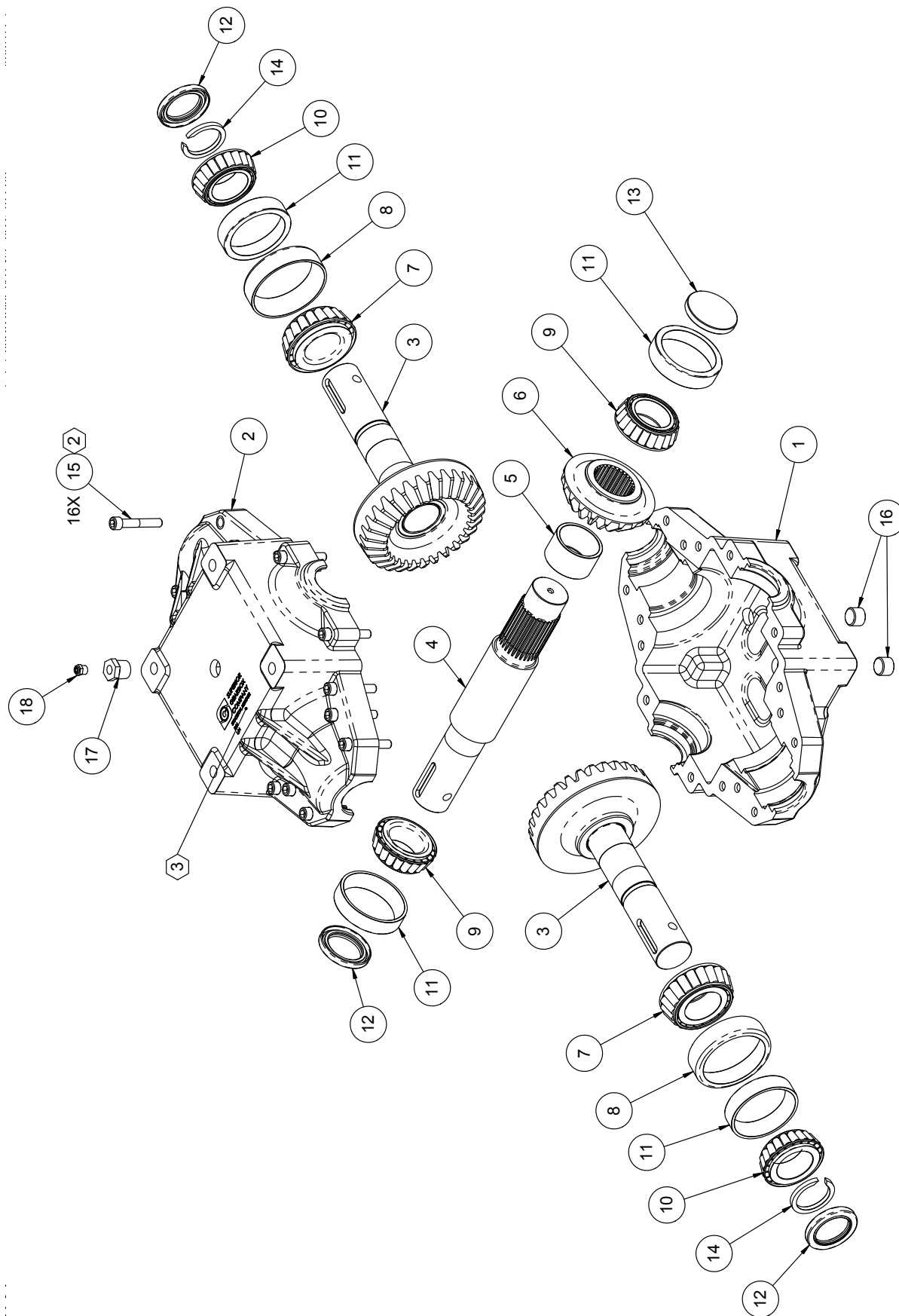
CONVEYOR TO OFFLOAD ASSEMBLY



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	622800	CONVEYOR WLDT,	1
2	619910	ROLLER, 4" FLANGED	2
3	343280	ROLLER, RUBBER 4" DIA	6
4	532770	SPACER,STEEL	2
5	619860	ROLLER, CHAIN IDLER	2
6	600390	BOLT, HFH 5/8-11 X 4-1/2"	2
7	600380	BOLT, HFH 5/8-11	2
8	600150	NUT, HFH NYLOC 5/8-11	6
9	600410	BOLT, HFH 5/8-11 X 5"	2
10	020440	WASHER, LOCK 5/8	4
11	025100	BOLT, HHCS 5/8-11 X 1-3/4"	4

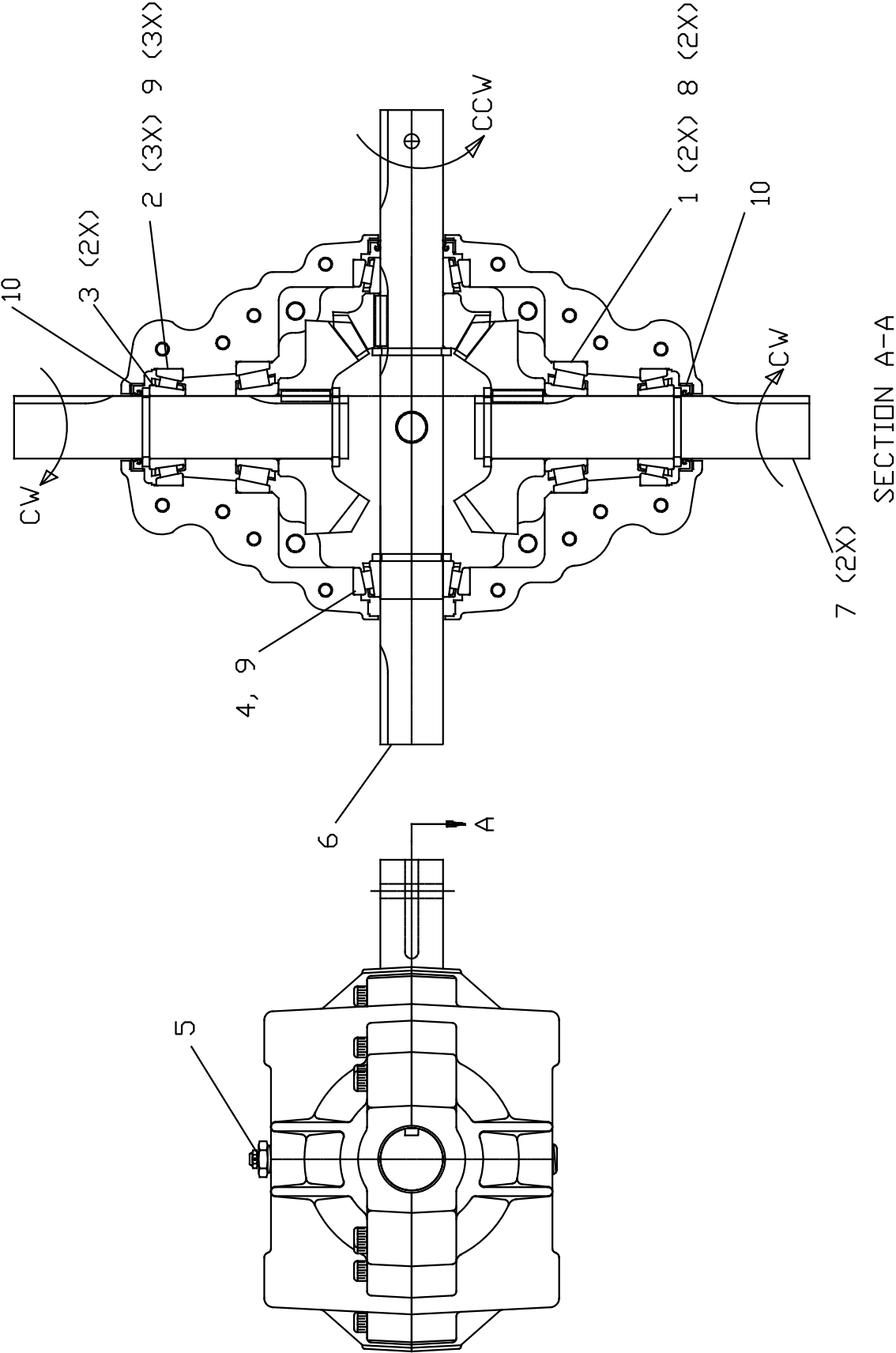
PTO ASSEMBLY

FRONT GEARBOX ASSEMBLY



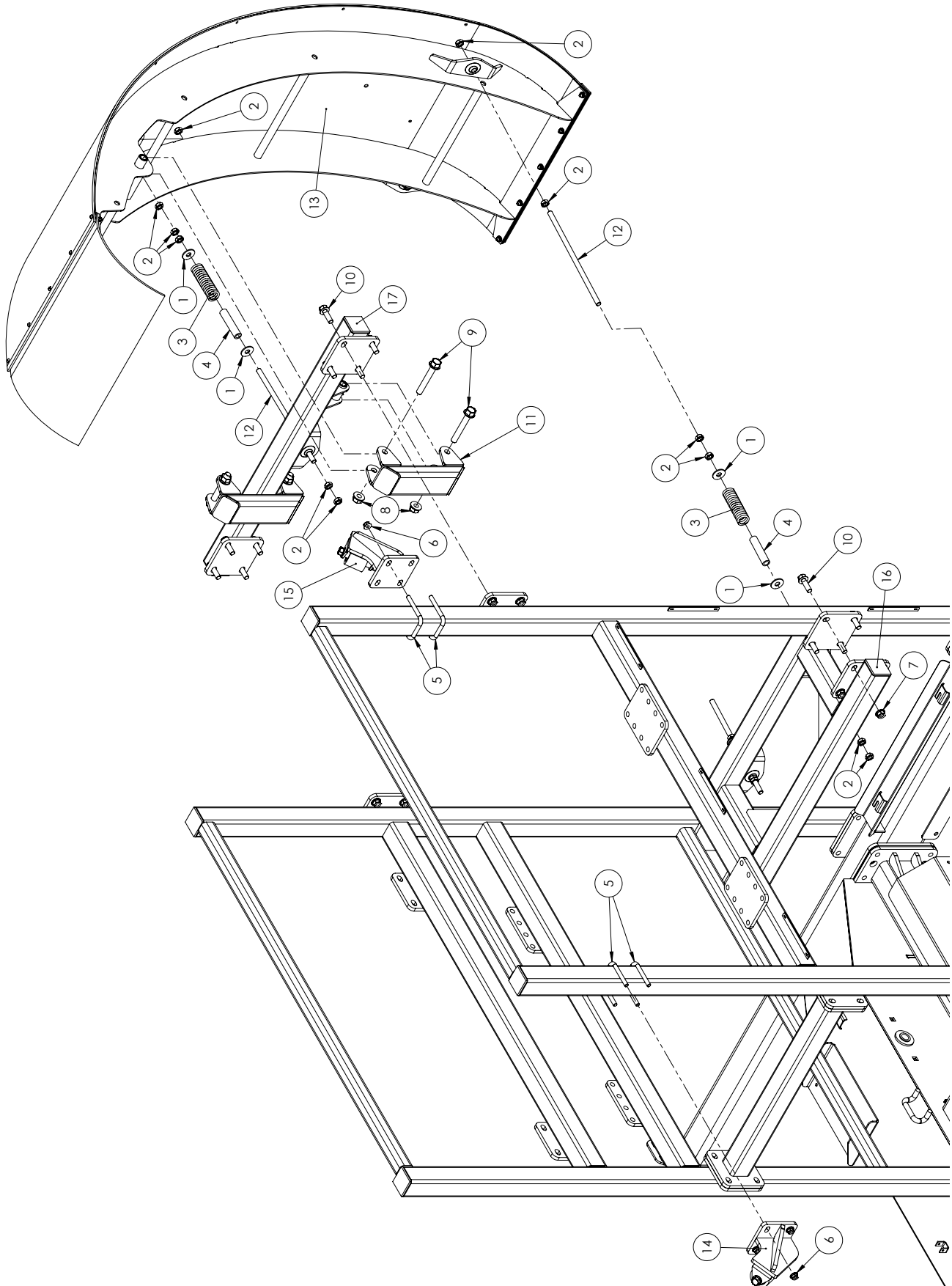
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.

BACK GEARBOX ASSEMBLY



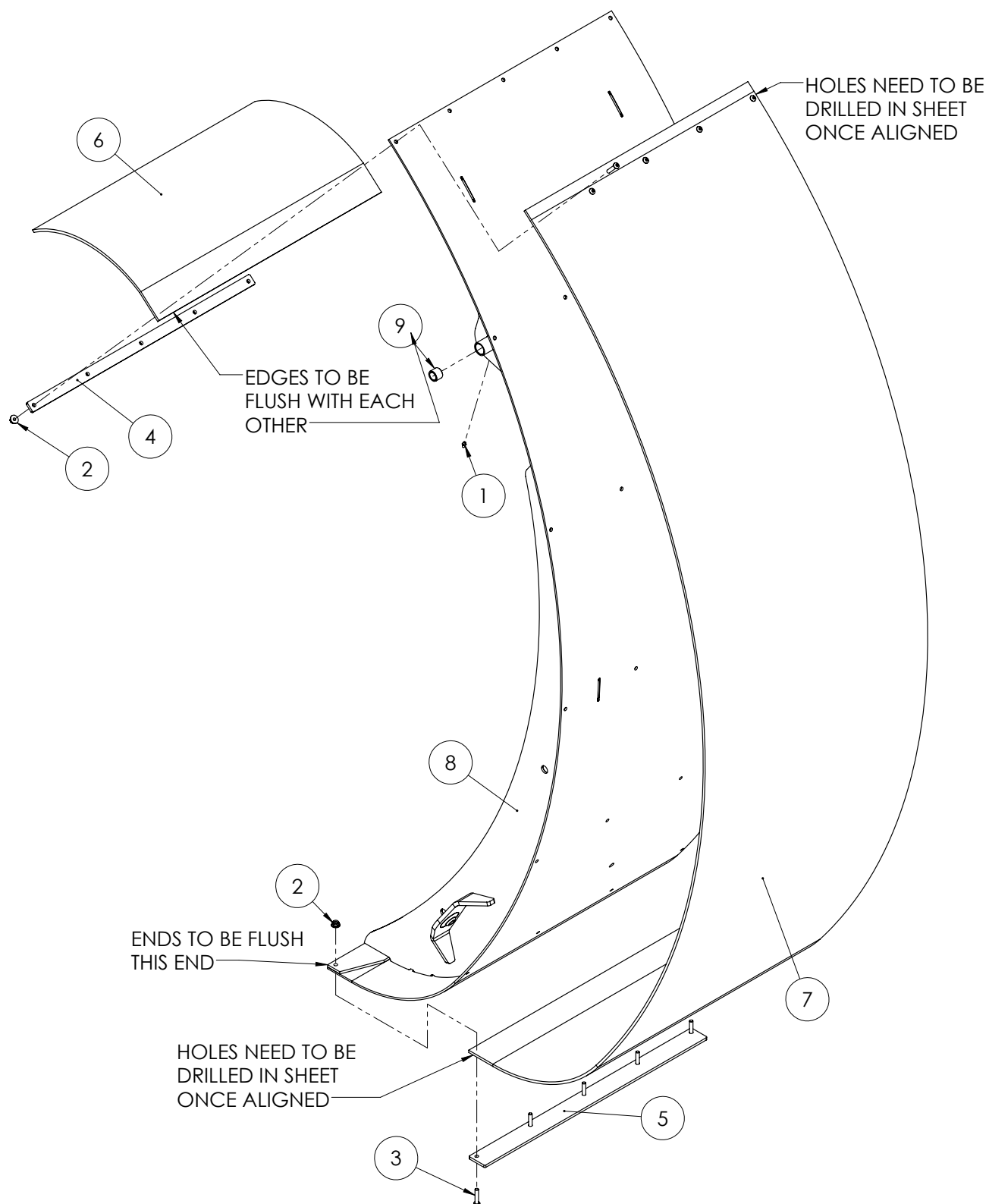
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	V241091P	BEARING, CUP	2
2	235770P	BEARING, CONE	3
3	247670P	RING, RETAINER	2
4	567790P	BEARING, CONE	1
5	247820P	PLUG, PRESSURE RELIEF	1
6	567770P	CROSS SHAFT & GEAR	1
7	567780P	STUB SHAFT/GEAR	2
8	E072317P	CUP, BEARING	2
9	129770P	CUP, BEARING	4
10	247660P	SEAL,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

FERRIS RETAINER MOUNT ASSEMBLY



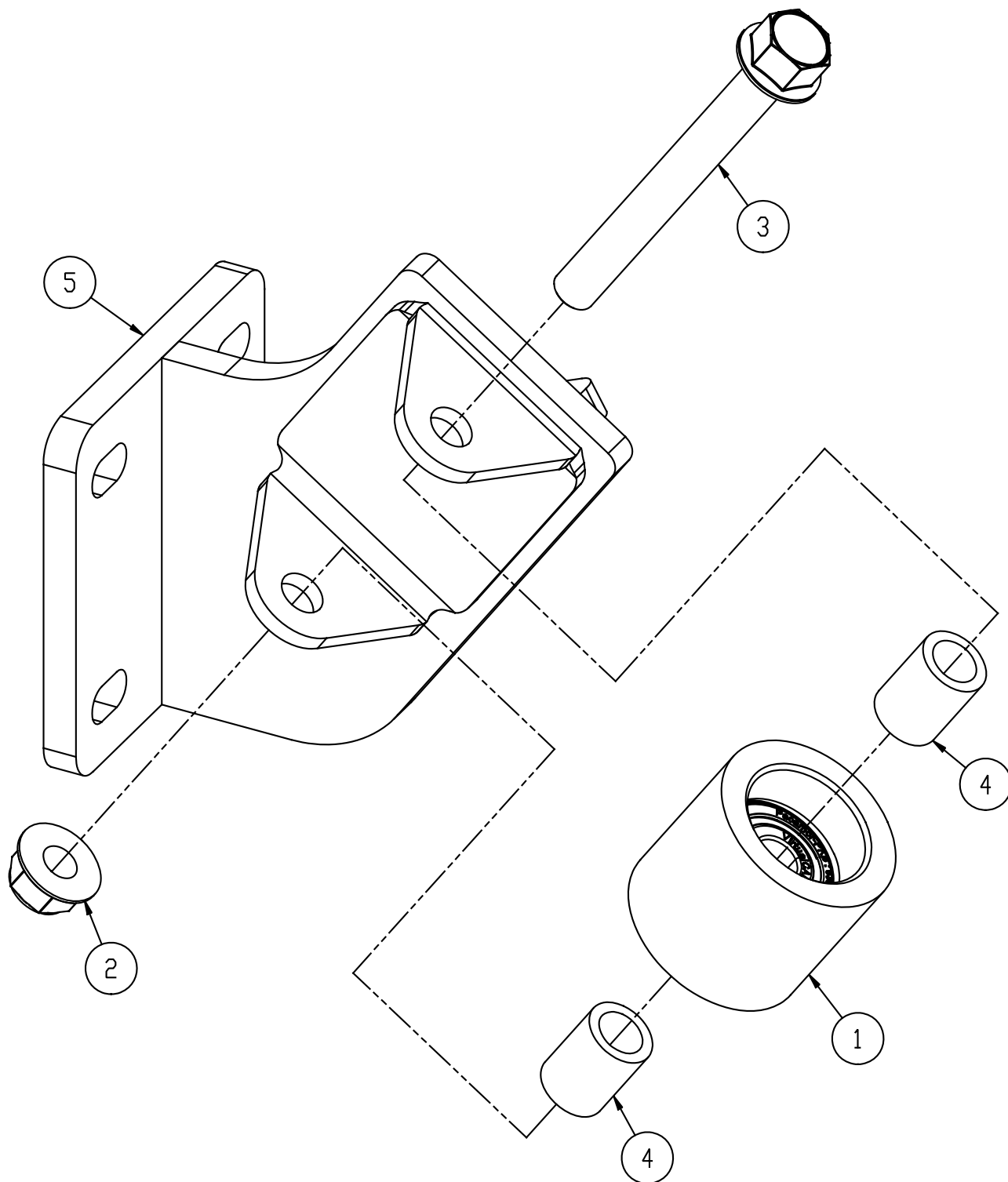
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	020430	WASHER, FLAT 5/8 STD	6
2	1121555	NUT, JAM 5/8-11	18
3	231000	SPRING, COMPRESSION	3
4	239040	SPACER, SPRING	3
5	468370	BOLT, U 1/2-13 X 2.06 X 4.25	4
6	600140	NUT, HFH NYLOC 1/2-13	8
7	600150	NUT, HFH NYLOC 5/8-11	16
8	600160	NUT, HFH TOPLOCK 3/4-10	4
9	600440	BOLT, HFH 3/4-10	4
10	600540	BOLT, HFH 5/8-11	16
11	622130	SHACKLE WLDT,	2
12	622343	ROD, THREADED	3
13	622600	RETAINER ASSY, 692Z	1
14	622715	WHEEL SUPPORT, FRONT	1
15	622725	WHEEL SUPPORT, REAR	1
16	622910	LOWER RETAINER SUPPORT	1
17	622916	UPPER RETIANER SUPPORT	1

RETAINER ASSEMBLY



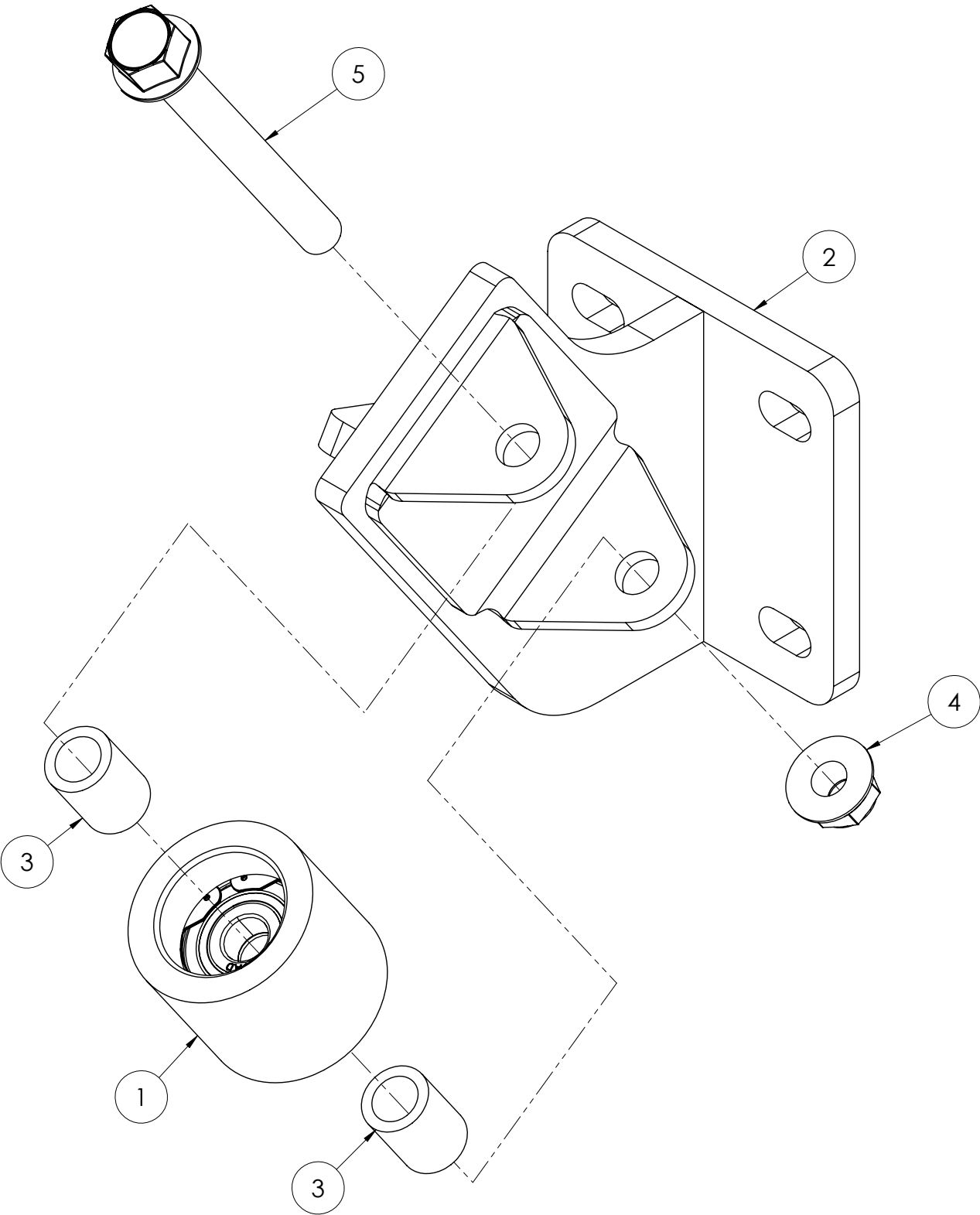
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	115590	FITTING, GREASE	2
2	600110	NUT, HFH NYLOC 5/16-18	10
3	605006	BOLT, BHSCS 5/16-18	10
4	622601	STRIP, CLAMP	1
5	622602	STRIP, CLAMP	1
6	622610	FLAP, RETAINER	1
7	622620	SHEET, 1/4" PLASTIC, RETAINER	1
8	622650	RETAINER WLDT, 692Z	1
9	P99017	BUSHING, OILITE	4

FRONT WHEEL SUPPORT ASSEMBLY



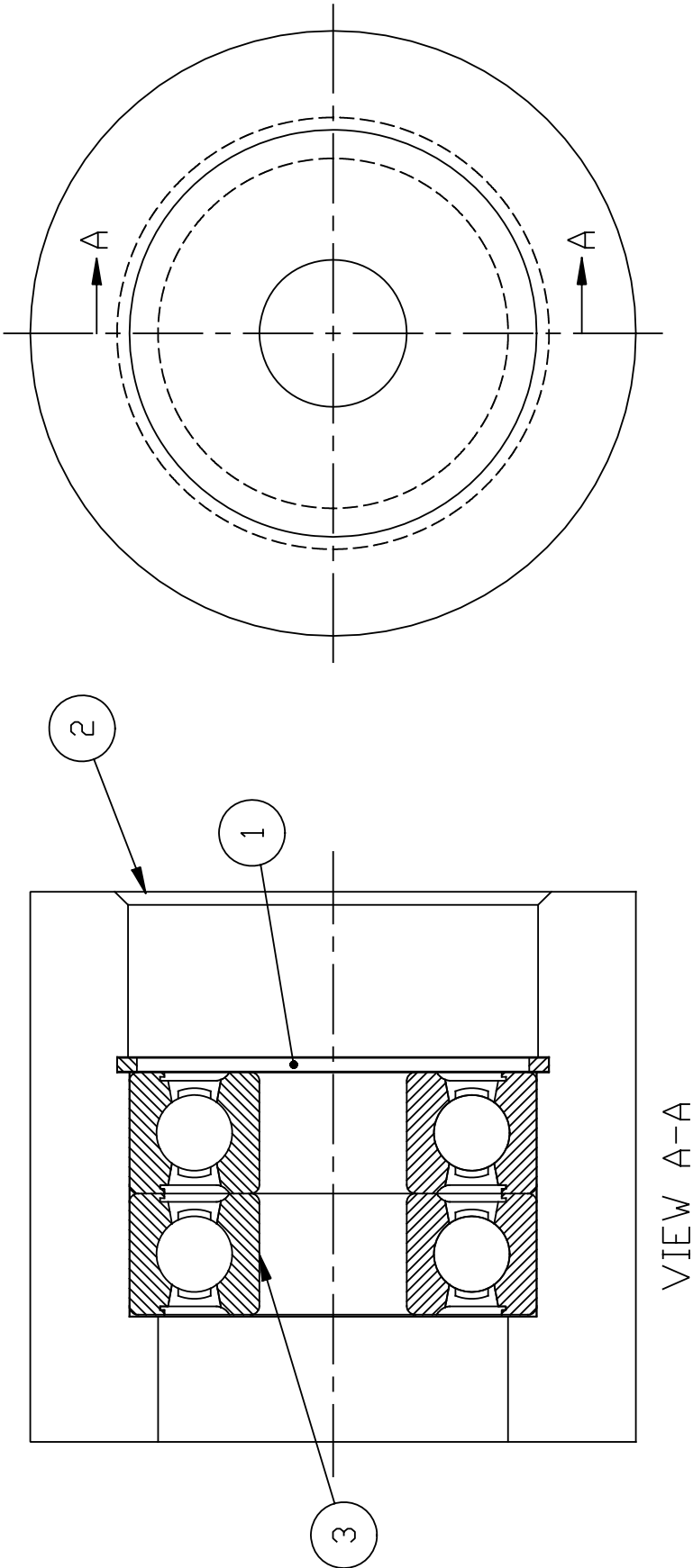
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	413970	ROLLER ASSEMBLY	1
2	600150	NUT, HFH NYLOC 5/8-11	1
3	600260	BOLT, HFH 5/8-11	1
4	622718	TUBE, SPACER	2
5	622720	SUPPORT WLDT, FRONT	1

BACK WHEEL SUPPORT ASSEMBLY



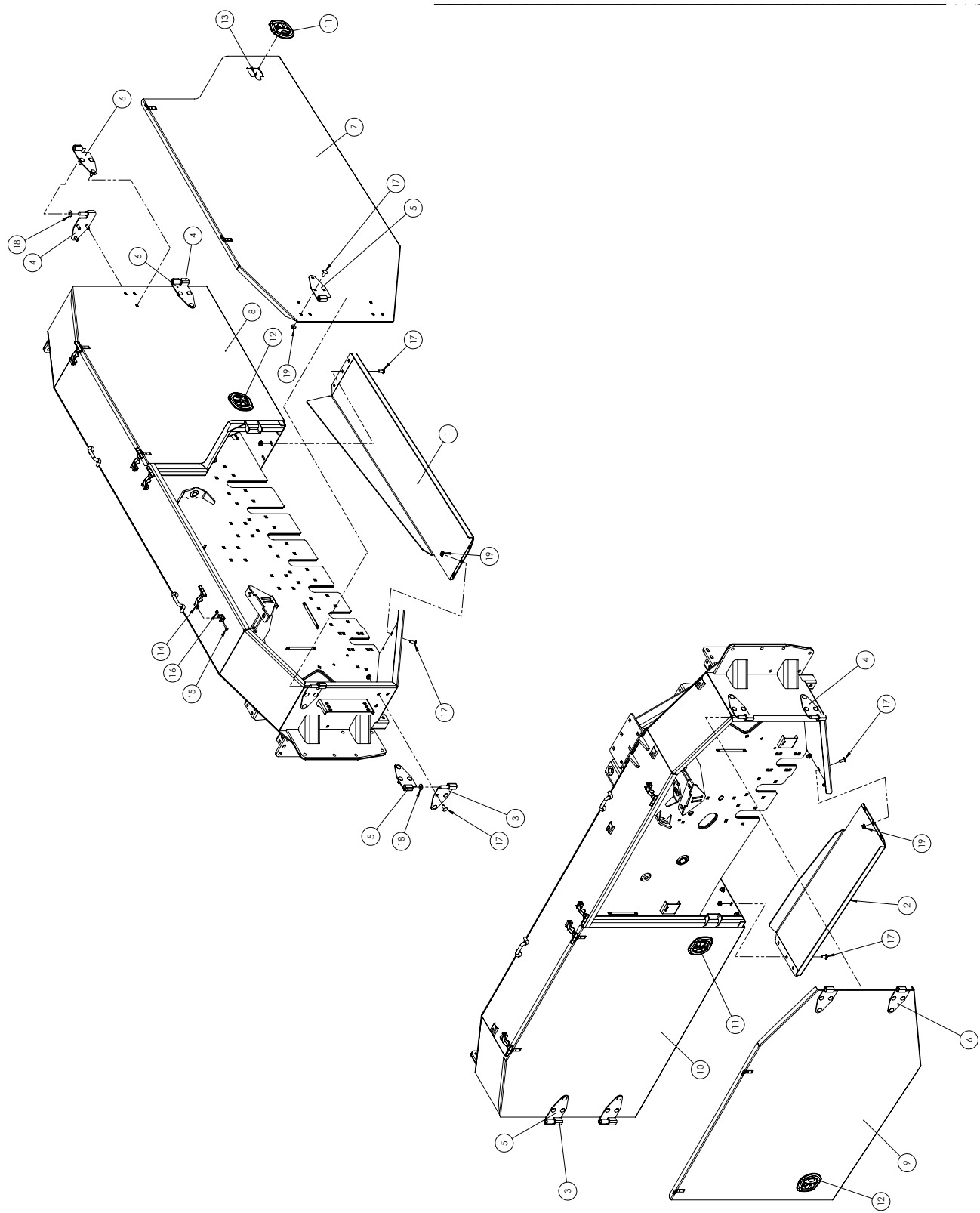
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	413970	ROLLER ASSEMBLY	1
2	622730	SUPPORT WLDT, REAR	1
3	622718	TUBE, SPACER	2
4	600150	NUT, HFH NYLOC 5/8-11	1
5	600260	BOLT, HFH 5/8-11	1

ROLLER ASSEMBLY



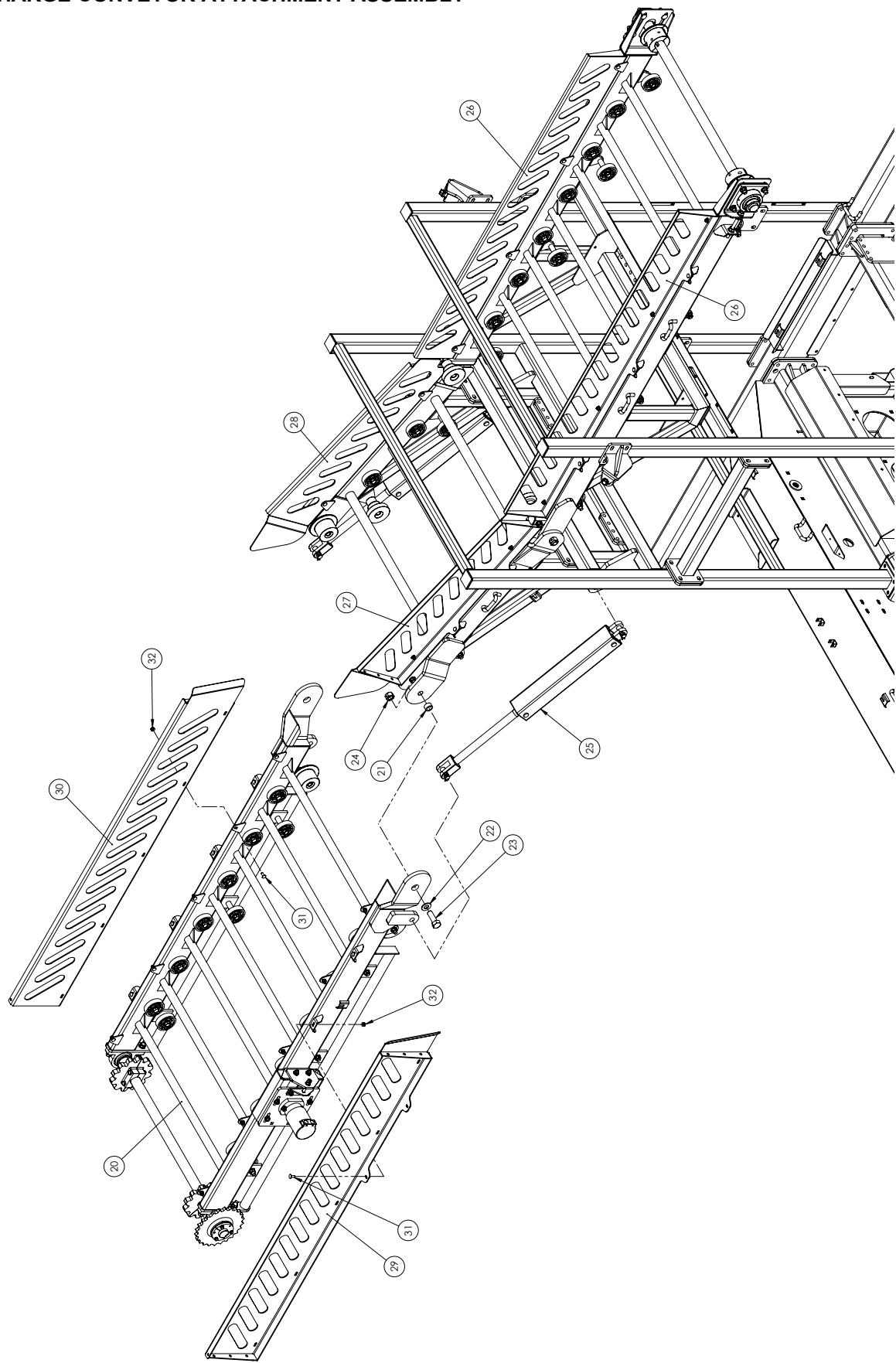
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	252240	RING, RETAINING SNAP	1
2	413950	ROLLER, WHEEL RETAINER	1
3	413960	BEARING, .669 I.D.X1.85 O.D.	2

BEARING SHIELDING ASSEMBLY



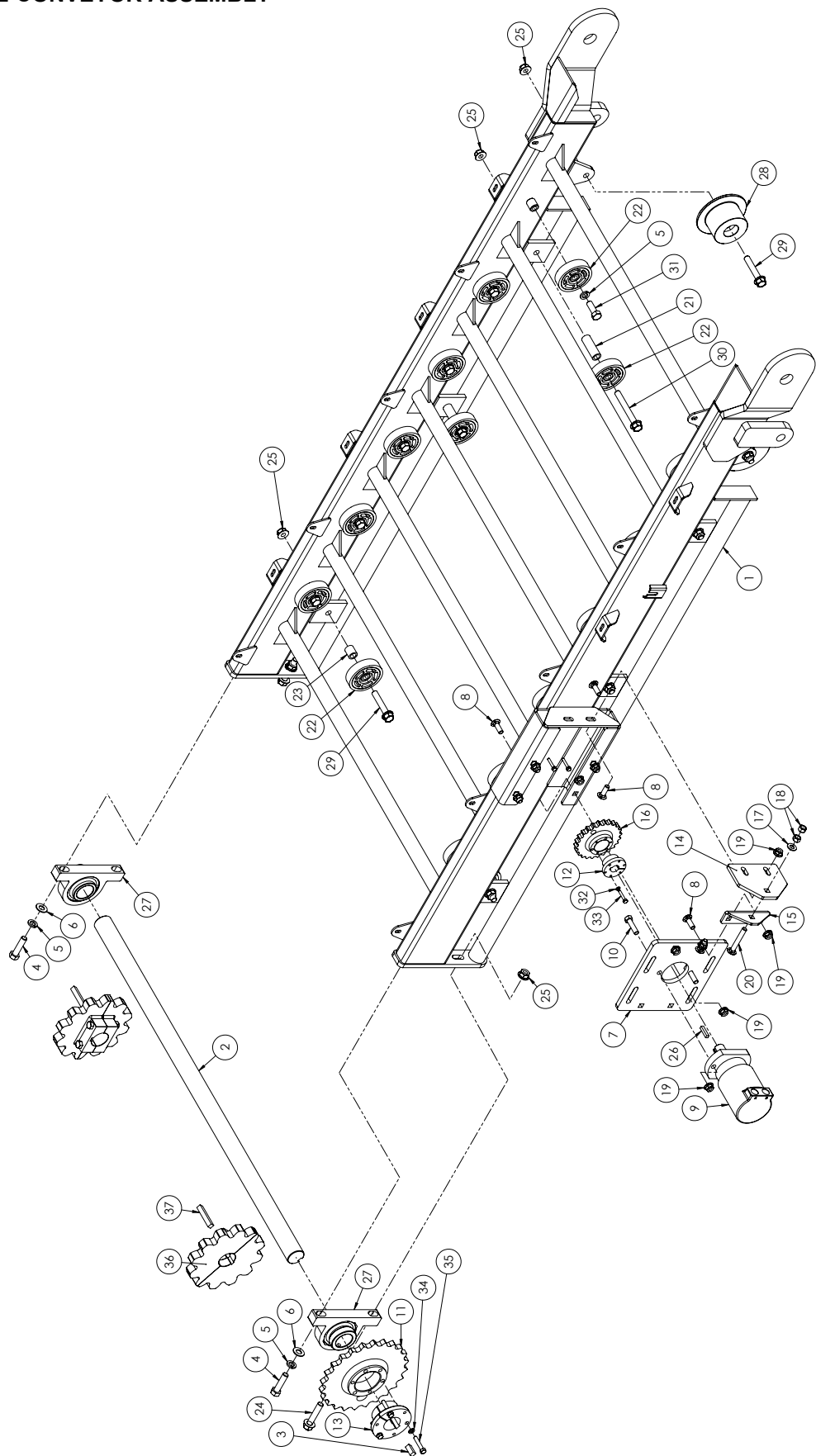
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	621590	COVER, LH LOWER	1
2	621586	COVER, RH LOWER	1
3	621595	HINGE WLDT, MALE	4
4	621598	HINGE WLDT, MALE	4
5	621596	HINGE WLDT, FEMALE	4
6	621599	HINGE WLDT, FEMALE	4
7	621585	DOOR WLDT, LH FRONT	1
8	621579	DOOR WLDT, LH REAR	1
9	621588	DOOR WLDT, RH FRONT	1
10	621574	DOOR WLDT, RH REAR	1
11	622025	LATCH, RH	2
12	622026	LATCH, LH	2
13	124300	NUT, LOCK #10-24	16
14	E504003	LATCH, RUBBER	8
15	223540	BOLT, HHCS 1/4-20	8
16	600100	NUT, HFH NYLOC 1/4-20	8
17	030470	BOLT, CRG 1/2-13 X 1-1/4"	60
18	035210	WASHER, FLAT 5/8	8
19	600140	NUT, HFH NYLOC 1/2-13	60
20	622820	CONVEYOR ASSY	1
21	524040	BUSHING, ELEVATOR PIVOT	2
22	042180	WASHER, FLAT 1 x 2 x 3/16	2
23	R66338	BOLT, HHCS 1-8 X 3"	2
24	990510	NUT, LOCK 2-WAY 1-8	2
25	525330	CYLINDER, HYD 3 x 20	2
26	622970	FENCE WLDT, TANK	2
27	623110	FENCE WLDT, FRONT	1
28	623010	FENCE WLDT, REAR	1
29	622995	FENCE WLDT, FRONT	1
30	623050	FENCE WLDT, REAR	1
31	170530	BOLT, CRG 3/8-16 X 1"	38
32	600120	NUT, HFH NYLOC 3/8-16	38

DISCHARGE CONVEYOR ATTACHMENT ASSEMBLY



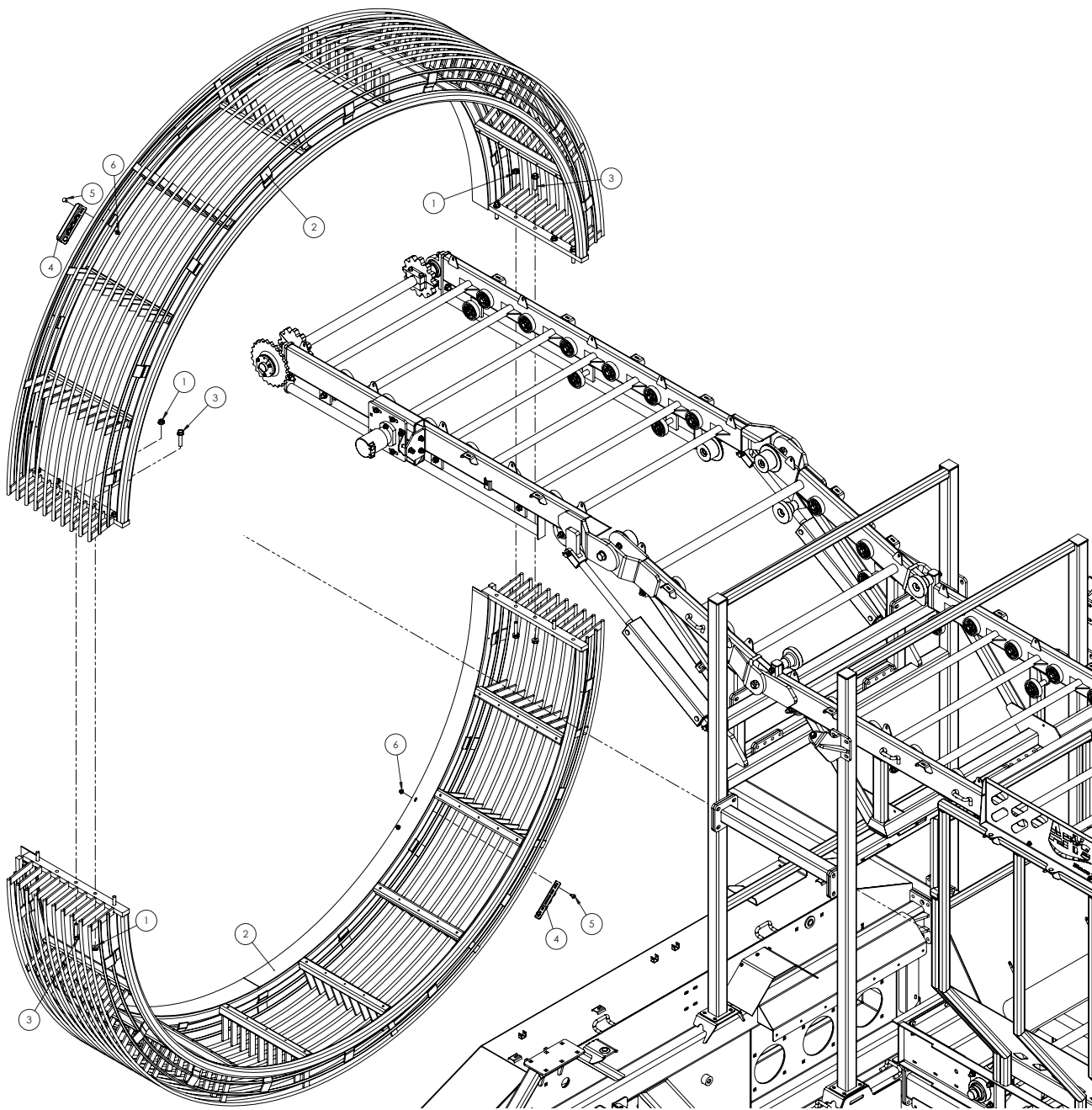
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	621590	COVER, LH LOWER	1
2	621586	COVER, RH LOWER	1
3	621595	HINGE WLDT, MALE	4
4	621598	HINGE WLDT, MALE	4
5	621596	HINGE WLDT, FEMALE	4
6	621599	HINGE WLDT, FEMALE	4
7	621585	DOOR WLDT, LH FRONT	1
8	621579	DOOR WLDT, LH REAR	1
9	621588	DOOR WLDT, RH FRONT	1
10	621574	DOOR WLDT, RH REAR	1
11	622025	LATCH, RH	2
12	622026	LATCH, LH	2
13	124300	NUT, LOCK #10-24	16
14	E504003	LATCH, RUBBER	8
15	223540	BOLT, HHCS 1/4-20	8
16	600100	NUT, HFH NYLOC 1/4-20	8
17	030470	BOLT, CRG 1/2-13 X 1-1/4"	60
18	035210	WASHER, FLAT 5/8	8
19	600140	NUT, HFH NYLOC 1/2-13	60
20	622820	CONVEYOR ASSY	1
21	524040	BUSHING, ELEVATOR PIVOT	2
22	042180	WASHER, FLAT 1 x 2 x 3/16	2
23	R66338	BOLT, HHCS 1-8 X 3"	2
24	990510	NUT, LOCK 2-WAY 1-8	2
25	525330	CYLINDER, HYD 3 x 20	2
26	622970	FENCE WLDT, TANK	2
27	623110	FENCE WLDT, FRONT	1
28	623010	FENCE WLDT, REAR	1
29	622995	FENCE WLDT, FRONT	1
30	623050	FENCE WLDT, REAR	1
31	170530	BOLT, CRG 3/8-16 X 1"	38
32	600120	NUT, HFH NYLOC 3/8-16	38

DISCHARGE CONVEYOR ASSEMBLY



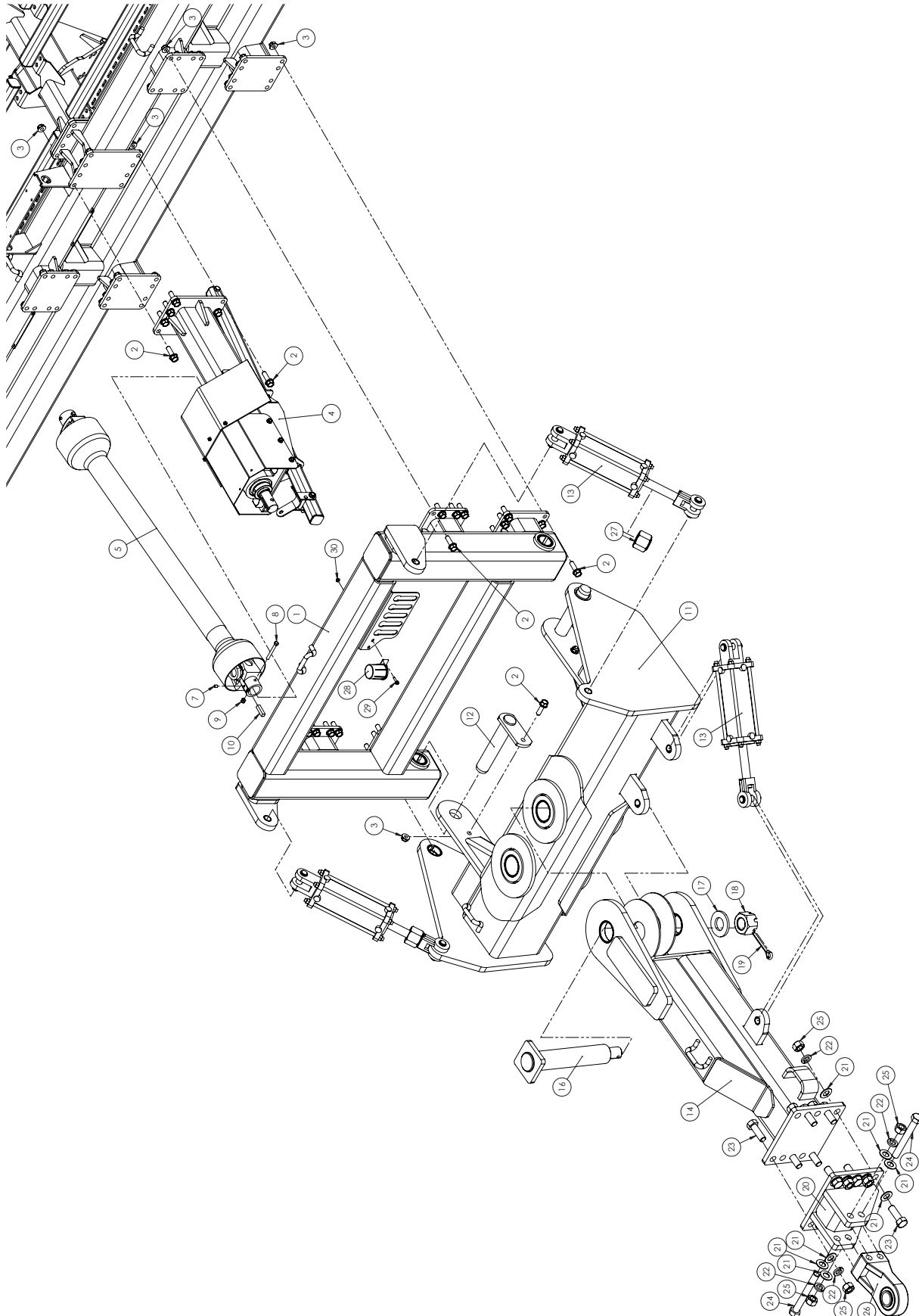
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	622810	CONVEYOR WELDMENT	1
2	558660	SHAFT, DRIVE	1
3	525280	KEY, SQUARE 1/2 x 1 1/2	1
4	023110	BOLT, HHCS 5/8-11 x 2-1/2	2
5	020440	WASHER, LOCK 5/8	14
6	035210	WASHER, FLAT 5/8	2
7	558670	PLATE, BOOM MOTOR	1
8	E096046	BOLT, CRG 1/2-13 X 1-1/2	8
9	606950	MOTOR, HYD, 24.7 CID	1
10	023950	BOLT, HHCS 1/2-13 X 2"	2
11	P99649	SPROCKET	1
12	558650	BUSHING, QD-SH 1.25" BORE	1
13	251220	BUSHING, QD, SF 2" BORE, 1/2" KW	1
14	558690	BRACKET, BOLT-ON	1
15	558680	ANGLE, TAKE-UP	1
16	558640	SPROCKET, H80, 12T	1
17	005200	WASHER, FLAT 1/2 STD	1
18	005360	NUT, HEX 1/2-13	2
19	600140	NUT, HFH NYLOC 1/2-13	10
20	V061802	BOLT, CRG 1/2-13 X 3-1/2	1
21	532770	SPACER, STEEL	4
22	343280	ROLLER, RUBBER 4" DIA	18
23	556020	SPACER,	2
24	600460	BOLT, HFH 5/8-11	2
25	600150	NUT, HFH NYLOC 5/8-11	10
26	021630	KEY, SQUARE 5/16 X 1-1/2"	1
27	621280	BEARING ASSY, 2"	2
28	619910	ROLLER, 4" FLANGED	2
29	600380	BOLT, HFH 5/8-11	4
30	600410	BOLT, HFH 5/8-11 X 5"	4
31	025100	BOLT, HHCS 5/8-11 X 1-3/4"	12
32	029440	WASHER, LOCK 1/4 SAE	3
33	047000	BOLT, HHCS 1/4-20 X 1-1/2	3
34	021180	WASHER, LOCK 3/8	3
35	037790	BOLT, HHCS 3/8-16 X 2	3
36	599920	SPROCKET, 50MM	2
37	E388049	KEY, SQUARE 1/2 X 3	2

FERRIS WHEEL ASSEMBLY



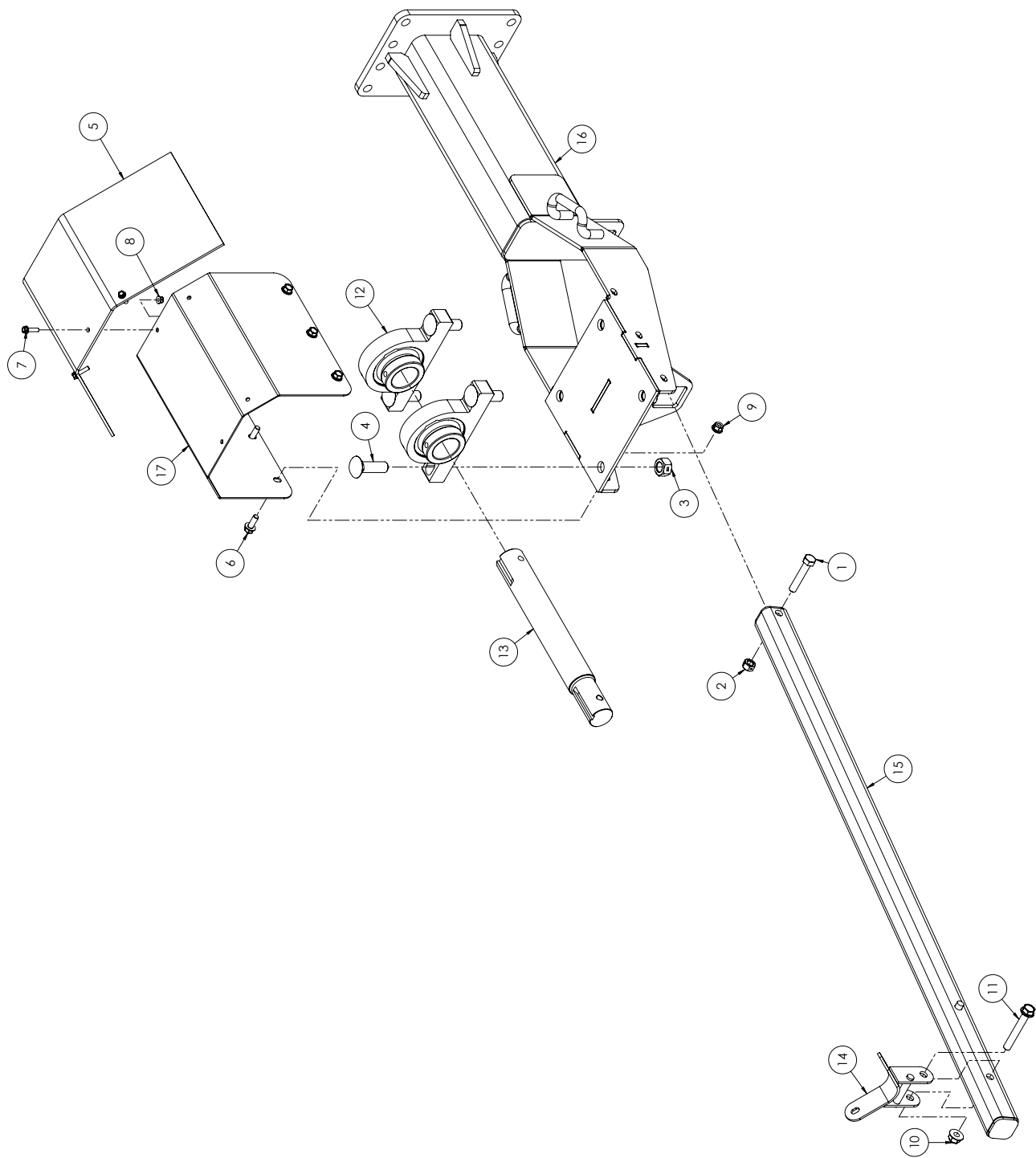
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	600150	NUT, HFH NYLOC 5/8-11	10
2	623205	FERRIS WHEEL, HALF	2
3	600460	BOLT, HFH 5/8-11	10
4	607090	TOOTH WELDMENT	4
5	387010	BOLT, CRG 3/8-16 X 1" GR5 ZN	8
6	600120	NUT, HFH NYLOC 3/8-16	8

TOUNGE AND HITCH ASSEMBLY



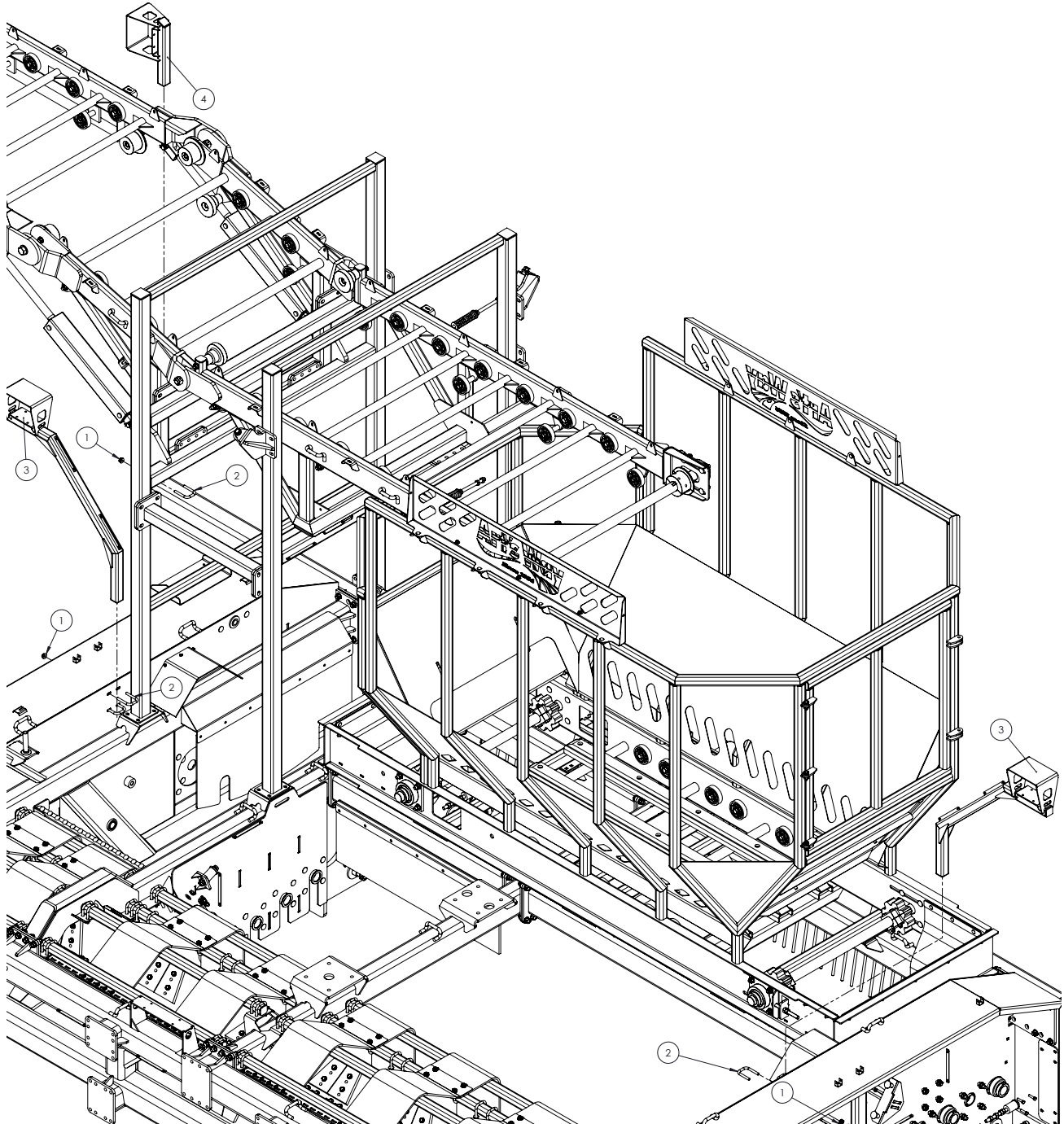
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	621485	HITCH MOUNT	1
2	600540	BOLT, HFH 5/8-11	42
3	600150	NUT, HFH NYLOC 5/8-11	42
4	621795	FRONT PTO SUPPORT ASSY	1
5	621465	SHAFT ASSEMBLY	1
6	006670	KEY, SQUARE 3/8 x 1-1/2	1
7	120970	SCREW, HSSS 3/8-16 X 1/2"	2
8	1189304	BOLT, HHCS 3/8-16 X 3-1/4"	2
9	E552044	NUT, NYLOC 3/8-16	2
10	R66305	KEY, SQUARE 1/2" X 2"	1
11	537430	CROSS HITCH WLDT	1
12	537480	PIN WELDMENT	2
13	561945	CYLINDER, HYD 4 X 8	3
14	537420	TONGUE WELDMENT	1
15	537390	WASHER, THRUST	2
16	537530	PIN WELDMENT	1
17	537580	SPACER, RD	1
18	537540	NUT, CASTLE 2"	1
19	537550	PIN, COTTER	1
20	576400	WELDMENT, PINTLE HITCH	1
21	1107389	WASHER, FLAT 1 SAE	24
22	003350	WASHER, LOCK 1"	12
23	R66338	BOLT, HHCS 1-8 X 3"	10
24	252020	BOLT, HHCS 1-8 X 8"	2
25	J14H805	NUT, HEX 1-8	12
26	576420	HITCH, SPH. PINTLE	1
27	538870	STOP, MECHANICAL	2
28	JPT1296	BRACKET, STORAGE HOLDER 7 POLE	1
29	600020	BOLT, HFH 1/4-20	2
30	600100	NUT, HFH NYLOC 1/4-20	2

FRONT PTO SUPPORT ASSEMBLY

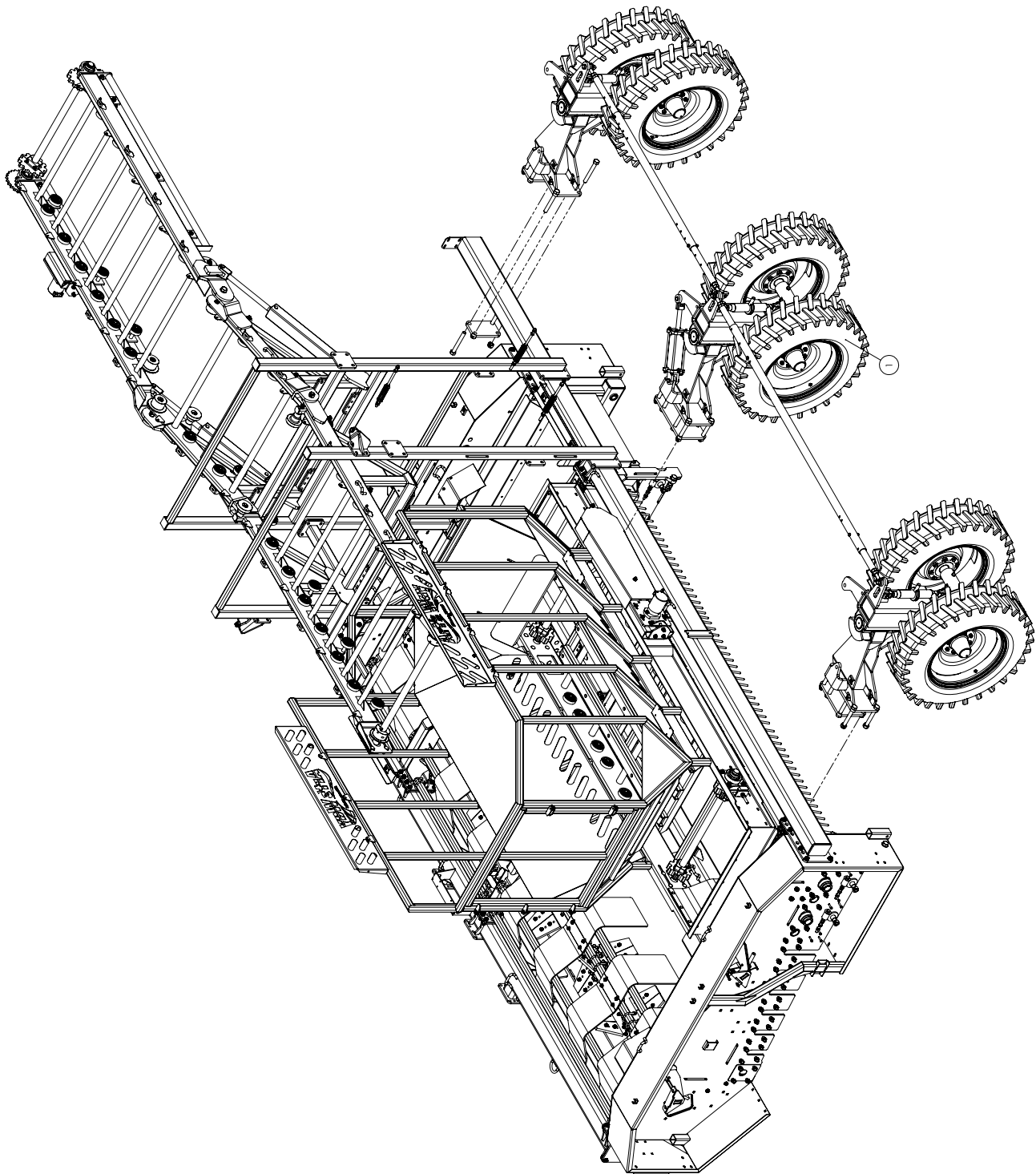


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	621485	HITCH MOUNT	1
2	600540	BOLT, HFH 5/8-11	42
3	600150	NUT, HFH NYLOC 5/8-11	42
4	621795	FRONT PTO SUPPORT ASSY	1
5	621465	SHAFT ASSEMBLY	1
6	006670	KEY, SQUARE 3/8 x 1-1/2	1
7	120970	SCREW, HSSS 3/8-16 X 1/2"	2
8	I189304	BOLT, HHCS 3/8-16 X 3-1/4"	2
9	E552044	NUT, NYLOC 3/8-16	2
10	R66305	KEY, SQUARE 1/2" X 2"	1
11	537430	CROSS HITCH WLDT	1
12	537480	PIN WELDMENT	2
13	561945	CYLINDER, HYD 4 X 8	3
14	537420	TONGUE WELDMENT	1
15	537390	WASHER, THRUST	2
16	537530	PIN WELDMENT	1
17	537580	SPACER, RD	1
18	537540	NUT, CASTLE 2"	1
19	537550	PIN, COTTER	1
20	576400	WELDMENT, PINTLE HITCH	1
21	1107389	WASHER, FLAT 1 SAE	24
22	003350	WASHER, LOCK 1"	12
23	R66338	BOLT, HHCS 1-8 X 3"	10
24	252020	BOLT, HHCS 1-8 X 8"	2
25	J14H805	NUT, HEX 1-8	12
26	576420	HITCH, SPH. PINTLE	1
27	538870	STOP, MECHANICAL	2
28	JPT1296	BRACKET, STORAGE HOLDER 7 POLE	1
29	600020	BOLT, HFH 1/4-20	2
30	600100	NUT, HFH NYLOC 1/4-20	2

FRONT PTO SUPPORT ASSEMBLY

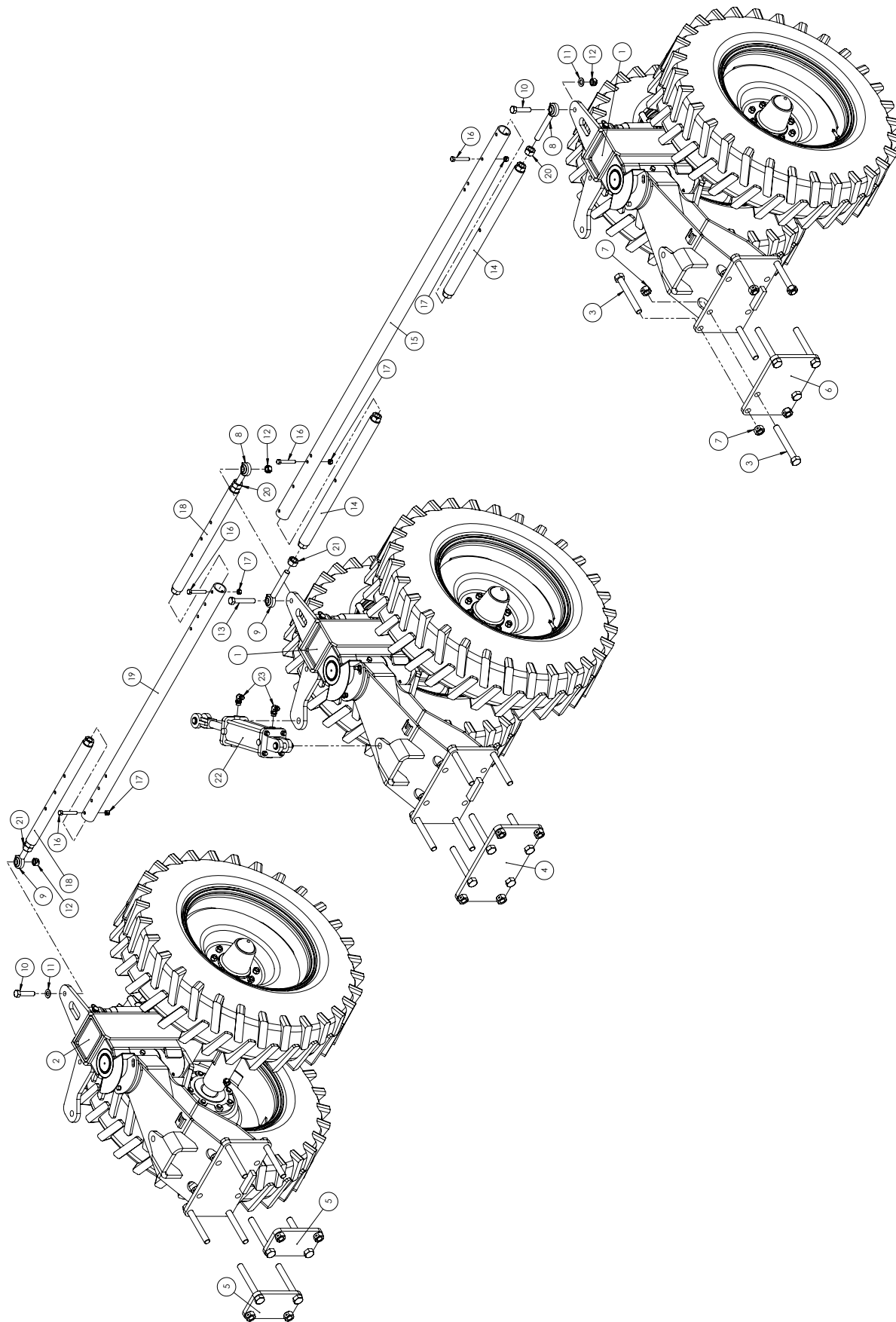


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	600140	NUT, HFH NYLOC 1/2-13	12
2	290890	BOLT, U, 1/2-13x2.06x3.25	6
3	619060	MOUNT, AMBER LIGHT	2
4	623020	MOUNT WLDT, LIGHT	1

RUNNING GEAR TO FRAME ASSEMBLY

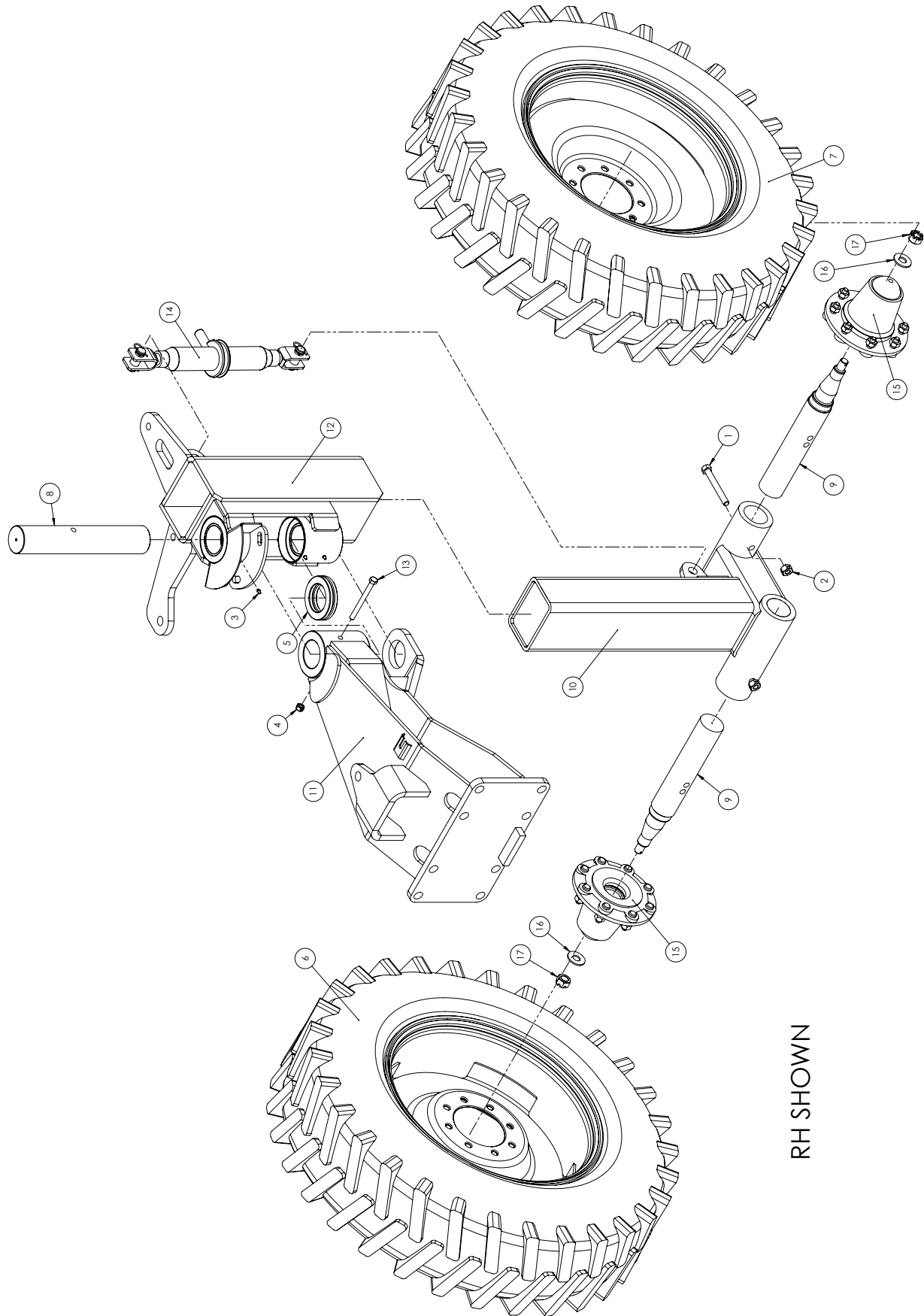
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	623515	692-Z STEERABLE AXLE KIT	

RUNNING GEAR ASSEMBLY

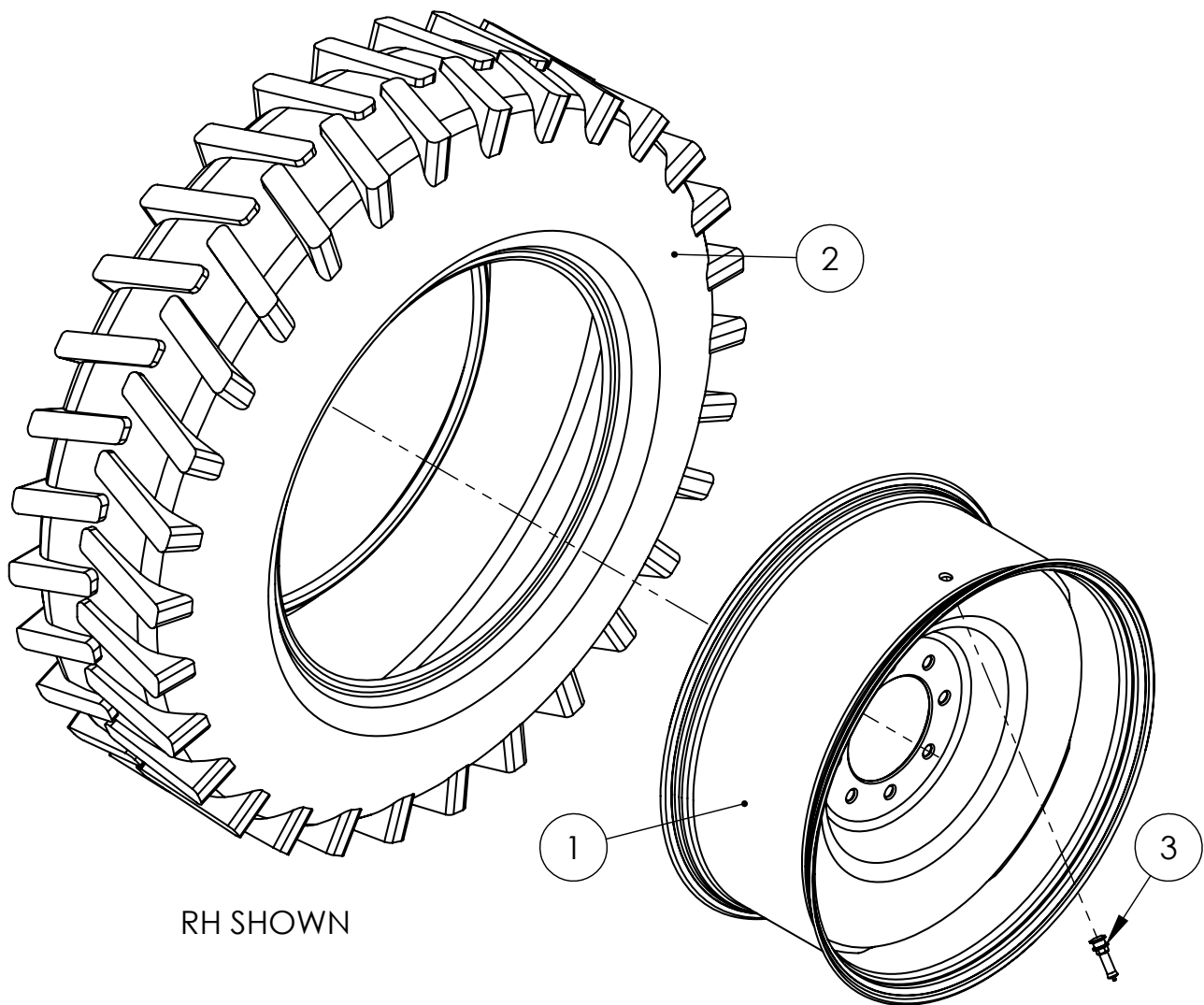


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	623520	STRUT ASSY, STEERABLE, LH	2
2	623525	STRUT ASSY, STEERABLE, RH	1
3	252020	BOLT, HHCS 1-8 X 8"	24
4	623475	PLATE, STRUT MOUNT	1
5	623480	PLATE, STRUT MOUNT	2
6	623485	PLATE, STRUT MOUNT	1
7	990510	NUT, LOCK 2-WAY 1-8	24
8	414470	BALL JOINT	2
9	414480	BALL JOINT	2
10	990580	HBOLT 0.7500-10x3.25x3.25-N	2
11	I131017	WASHER, FLAT	2
12	152360	NUT, LOCK 3/4-10 HEX	3
13	990960	BOLT, HHCS 3/4-10 x 4 1/2 GR5 ZN	1
14	568270	TIE ROD WLDT	2
15	622371	TUBE, TIE ROD	1
16	041410	BOLT, HHCS 1/2-13 X 3.25 GR5	4
17	127890	NUT, HEX LOCK 1/2-13 TOP LOCK	4
18	622374	ROD WLDT, TIE	2
19	622372	TUBE, TIE ROD	1
20	E552087	NUT, HEX 1-8 LH	2
21	J14H805	NUT, HEX 1-8	2
22	561945	CYLINDER, HYD 4 X 8	1
23	530210	FITTING, HYD 90°	2

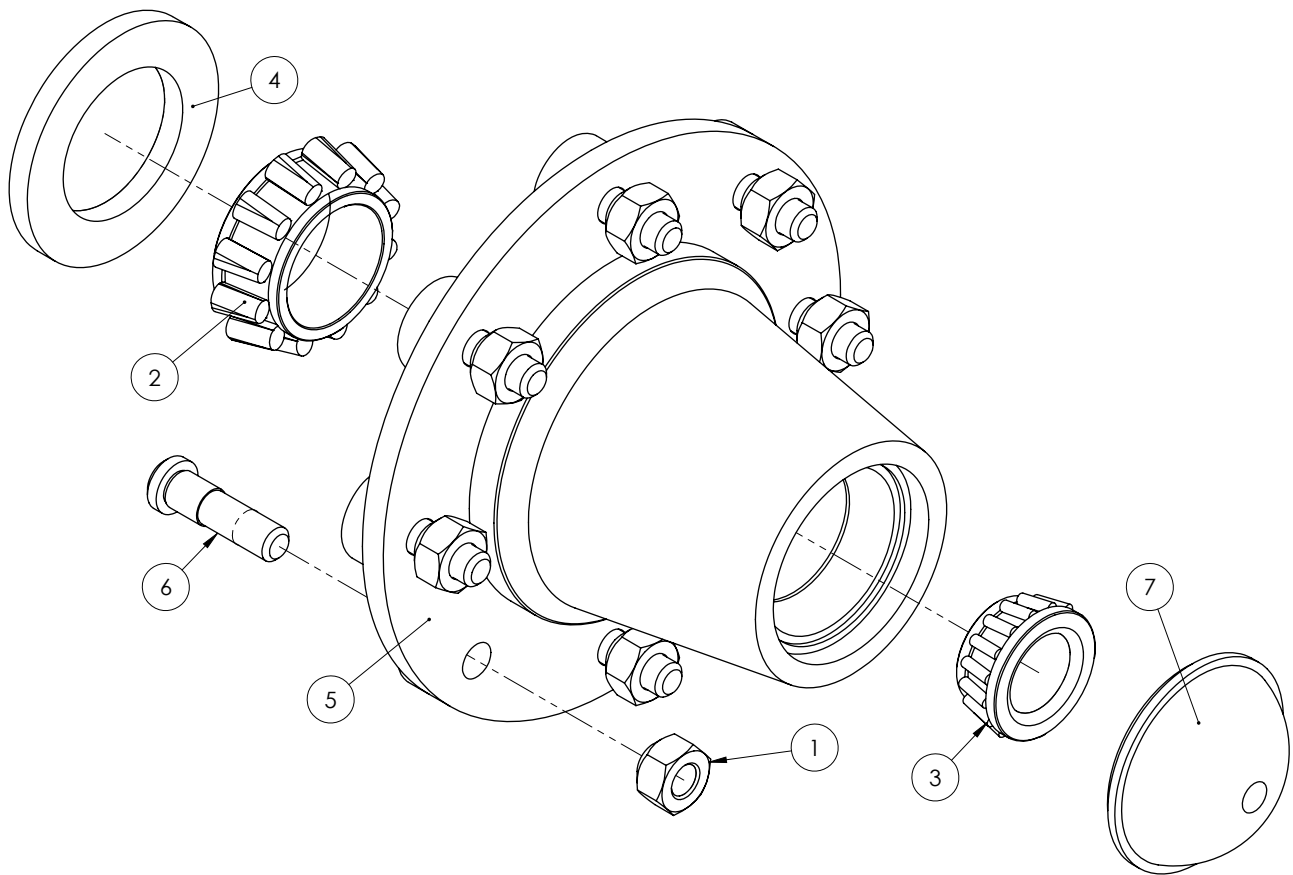
STEERABLE STRUT ASSEMBLY



ITEM NO.	PART NUMBER	DESCRIPTION	QTY. LH	QTY. RH
1	031490	HBOLT 0.6250-11x5-GR5-ZN	2	2
2	038850	NUT, LOCK 5/8-11	2	2
3	115590	FITTING, GREASE	3	3
4	127890	NUT, HEX LOCK 1/2-13 TOP LOCK	1	1
5	534210	BEARING, 3.00 BALL	1	1
6	539770	TIRE & WHEEL, RH	1	1
7	539780	TIRE & WHEEL, LH	1	1
8	585060	KINGPIN	1	1
9	622735	SPINDLE, STEER STRUT	2	2
10	622750	MOUNT WLDT, STEER STRUT, RH	-	1
10	622740	MOUNT WLDT, STEER STRUT, LH	1	-
11	623470	BASE WLDT, STEERABLE	1	1
12	623473	PIVOT WLDT, STEER STRUT	1	1
13	E672045	BOLT, HHCS 1/2-13 x 5-1/2"	1	1
14	R39520	JACK, RATCHET	1	1
15	TG0760	HUB ASSEMBLY	2	2
16	V030620	WASHER, FLAT	2	2
17	129830	NUT, SLOTTED 7/8-14	2	2

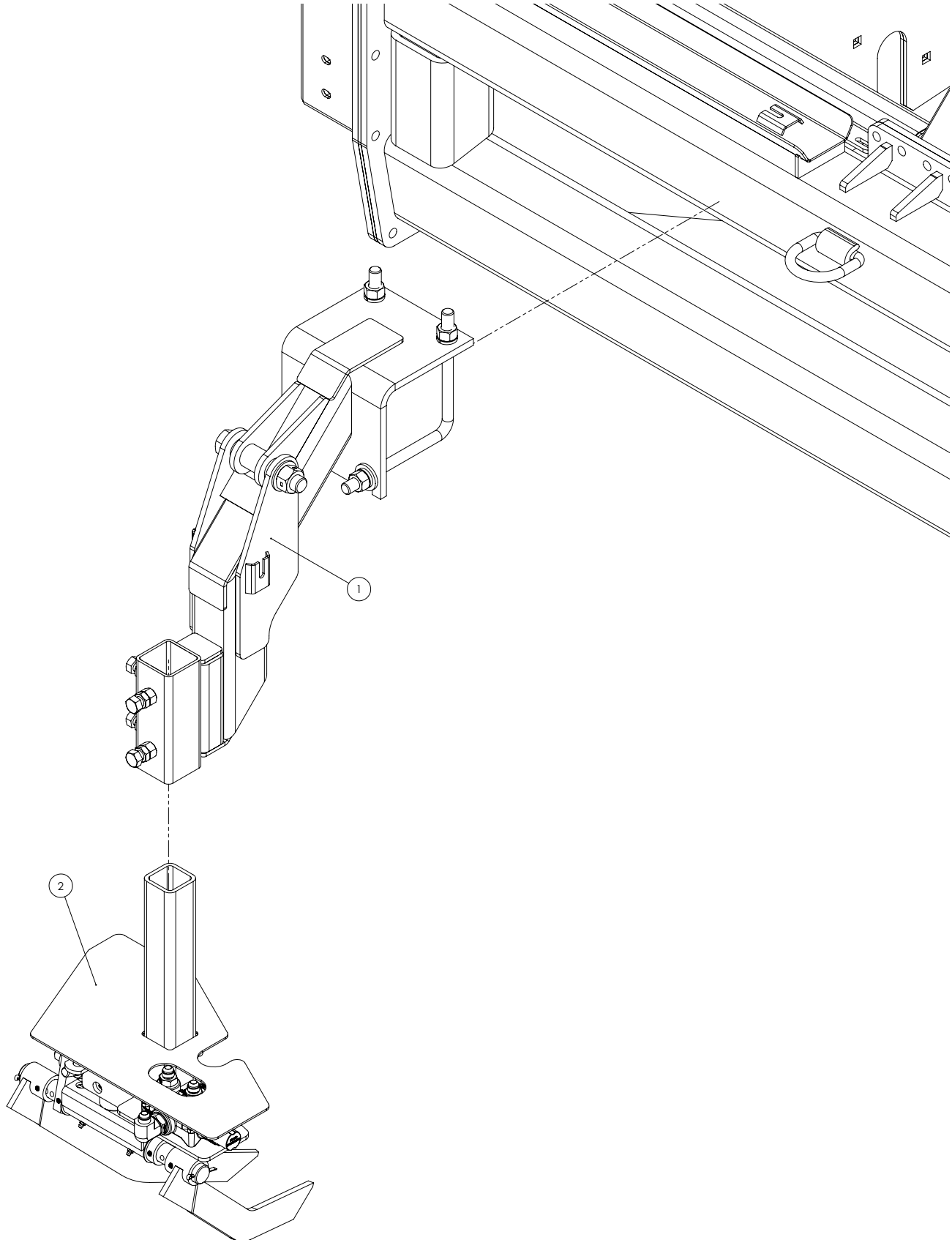
WHEEL ASSEMBLY

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	555670	RIM, 1.50" NEG. OFFSET	1
2	552960	TIRE, 12.4-24, 8 PLY	1
3	269490	STEEL VALVE STEM	1

HUB ASSEMBLY

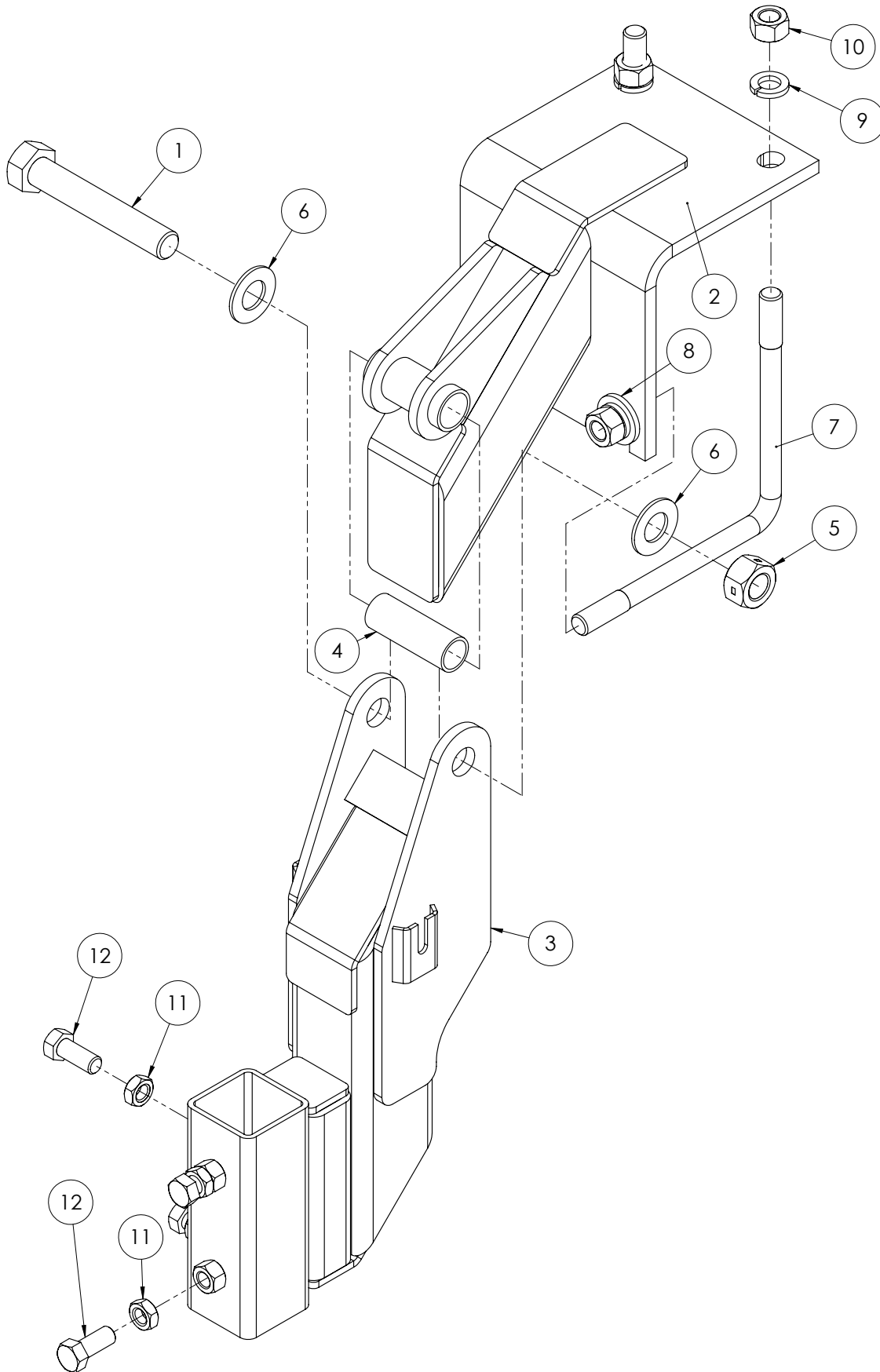
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	046710	NUT, WHEEL 9/16-18	8
2	E072316	CONE BEARING	1
3	E072319	CONE BEARING	1
4	TG0770	SEAL, GREASE 3 DIA SHAFT	1
5	TG0763	HUB ASSY	1
6	046700	BOLT, STUD 9/16-18UNF	8
7	129840	CAP, HUB	1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	600120	NUT, HFH NYLOC 3/8-16	9
2	622365	SHIELD, WHEEL RH	1
3	622370	SUPPORT WLDT, WHEEL	2
4	035180	BOLT, CRG 3/8-16 X 1-1/4"	9
5	622360	SHIELD, WHEEL RH	1
6	468370	BOLT, U 1/2-13 X 2.06 X 4.25	4
7	600140	NUT, HFH NYLOC 1/2-13	8

ROWFINDER TO FRAME ASSEMBLY

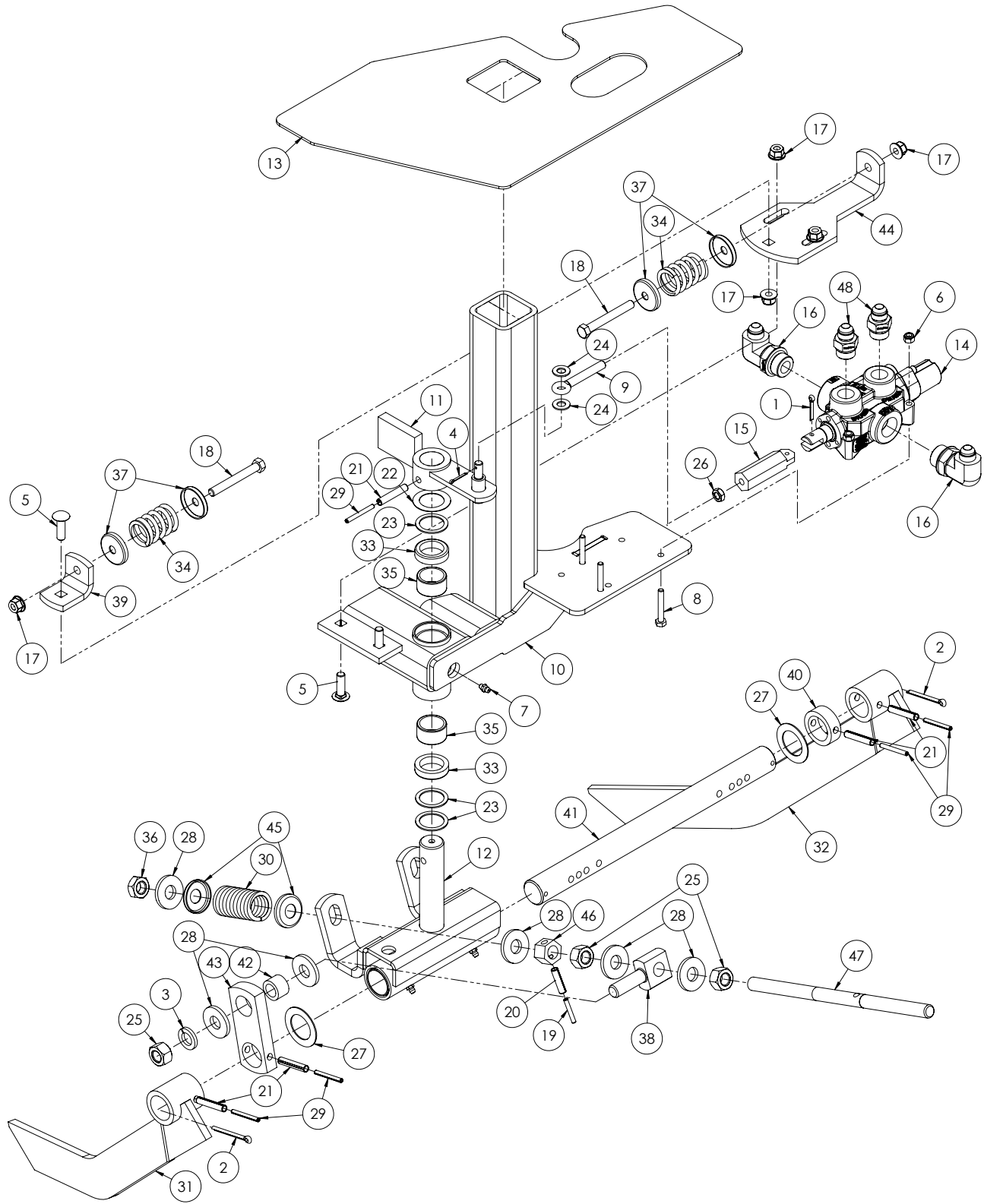
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	621765	ROW FINDER ASSY	1
2	606645	ROWFINDER ASSY, LOWER	1

ROWFINDER ARM ASSEMBLY

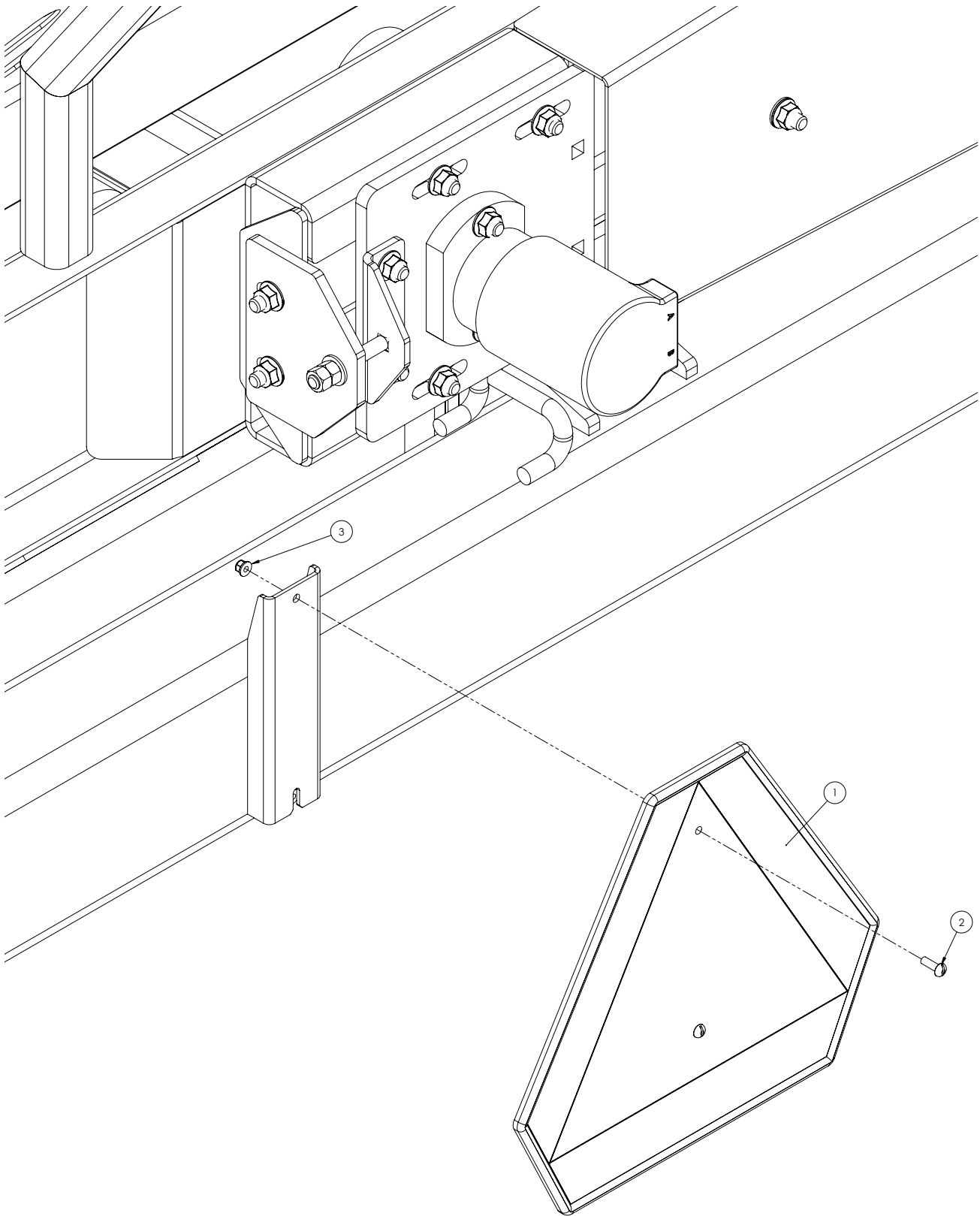


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	252020	BOLT, HHCS 1-8 X 8 GR8	1
2	621745	MOUNT WLDT, ROW	1
3	621748	MOUNT WLDT, PIVOT	1
4	621766	BUSHING, 1.25O.D. 3.50L	1
5	990510	NUT, LOCK 2-WAY 1-8	1
6	1107389	WASHER, FLAT 1 SAE	2
7	538600	BOLT, L 3/4-10	2
8	J24H1401	WASHER, FLAT	2
9	036800	WASHER, LOCK 3/4 SAE	4
10	J14H794	NUT, HEX 3/4-10 GR5 ZN	4
11	1121555	NUT, JAM 5/8-11	4
12	990610	BOLT, HHCS 5/8-11 X 1-1/2"	4

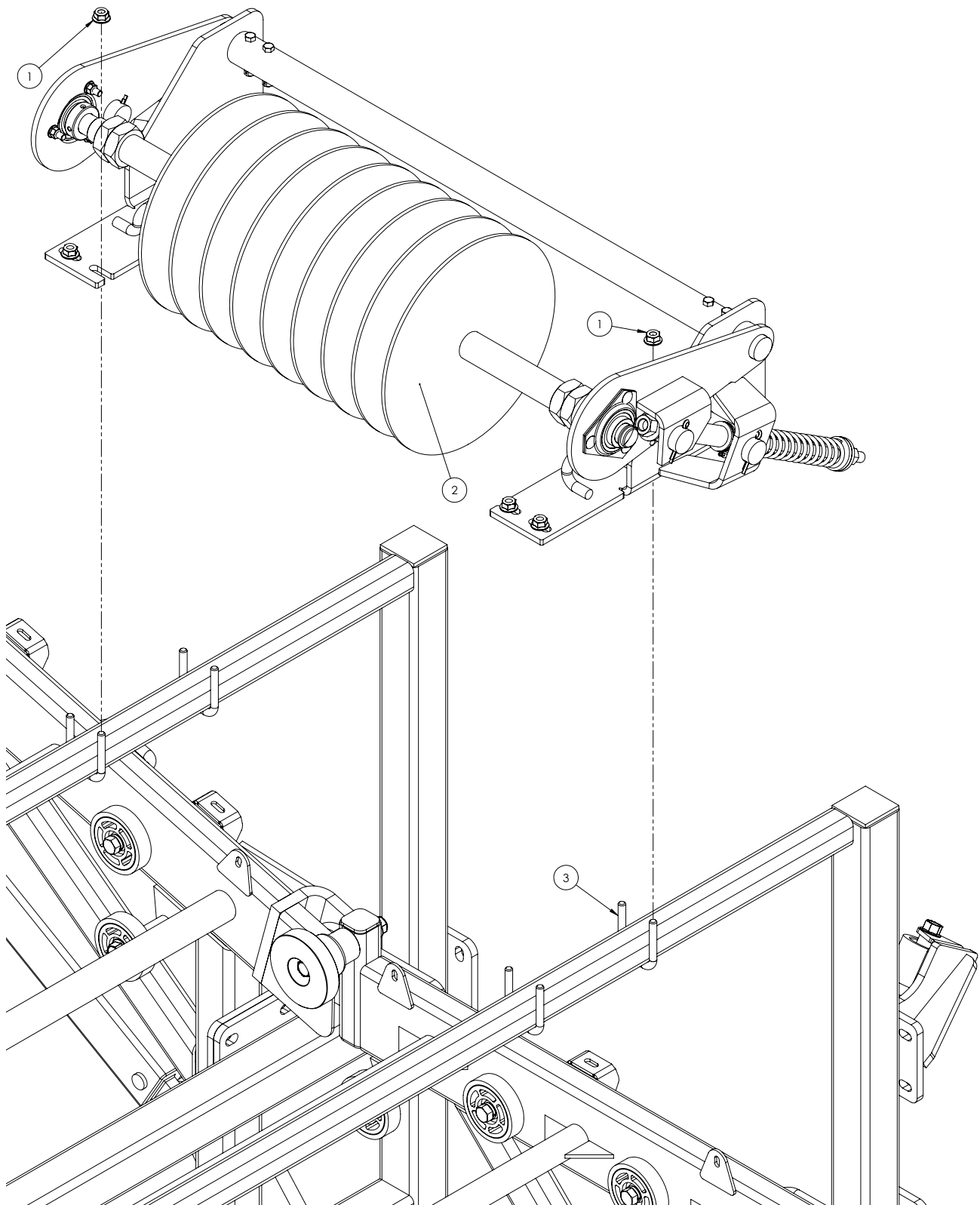
ROWFINDER ASSEMBLY



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	003450	COTTER PIN, 3/16 X 1-1/4	1
2	003950	PIN, COTTER 3/16 X 2	2
3	020440	WASHER, LOCK 5/8	1
4	023090	PIN, COTTER 3/32 X .75	1
5	035180	BOLT, CRG 3/8-16 X 1-1/4"	3
6	037550	NUT, NYLOC 1/4-20	3
7	049180	FITTING, GREASE 1/4-28 STRT	1
8	223540	BOLT, HHCS 1/4-20	3
9	413450	BOLT, EYE 3/8 X 2.80	1
10	520605	BRACKET WLDT,	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	600120	NUT, HFH NYLOC 3/8-16	5
18	990820	BOLT, HHCS 3/8-16 X 3	2
19	991100	PIN, ROLL 3/16 X1-1/4	1
20	1030808	PIN, 5/16 X 1-1/4	1
21	E580053	PIN, ROLL 5/16 X 1-3/4	5
22	I22266R1	WASHER, FLAT 1.15 X 1.75 X .027	1
23	I23041R1	WASHER, FLAT 1.15 X 1.50 X .0598	3
24	I120394	WASHER, FLAT 3/8 SAE	2
25	I124589	NUT, HEX 5/8-11	3
26	I124829	NUT,JAM 3/8-16	1
27	I49581205	WASHER, FLAT 1.28 X 2.00 X .060	2
28	J24H1373	WASHER, FLAT	6
29	J34H288	PIN, ROLL 3/16 X 1-3/4	5
30	J23096	SPRING, COIL	1
31	JAN142148	ARM ASSY ROW FINDER, RH	1
32	JAN142149	ARM ASSY ROW FINDER, LH	1
33	JAT30144	SEAL, 1.125 X 1.567 X .375	2
34	JCJ21FN	SPRING, COIL	2
35	JJD8813	BEARING, NEEDLE	2
36	JK40015	NUT, HEX 5/8-11 TOP LOCK	1
37	JN73401	WASHER, CUPPED	4
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	JN147036	WASHER, CUPPED	2
46	JN147174	STOP, SPRING COMPRESSION	1
47	JN147175	STUD ADJUSTING	1
48	MP32-02101	FITTING, HYD STRAIGHT	2

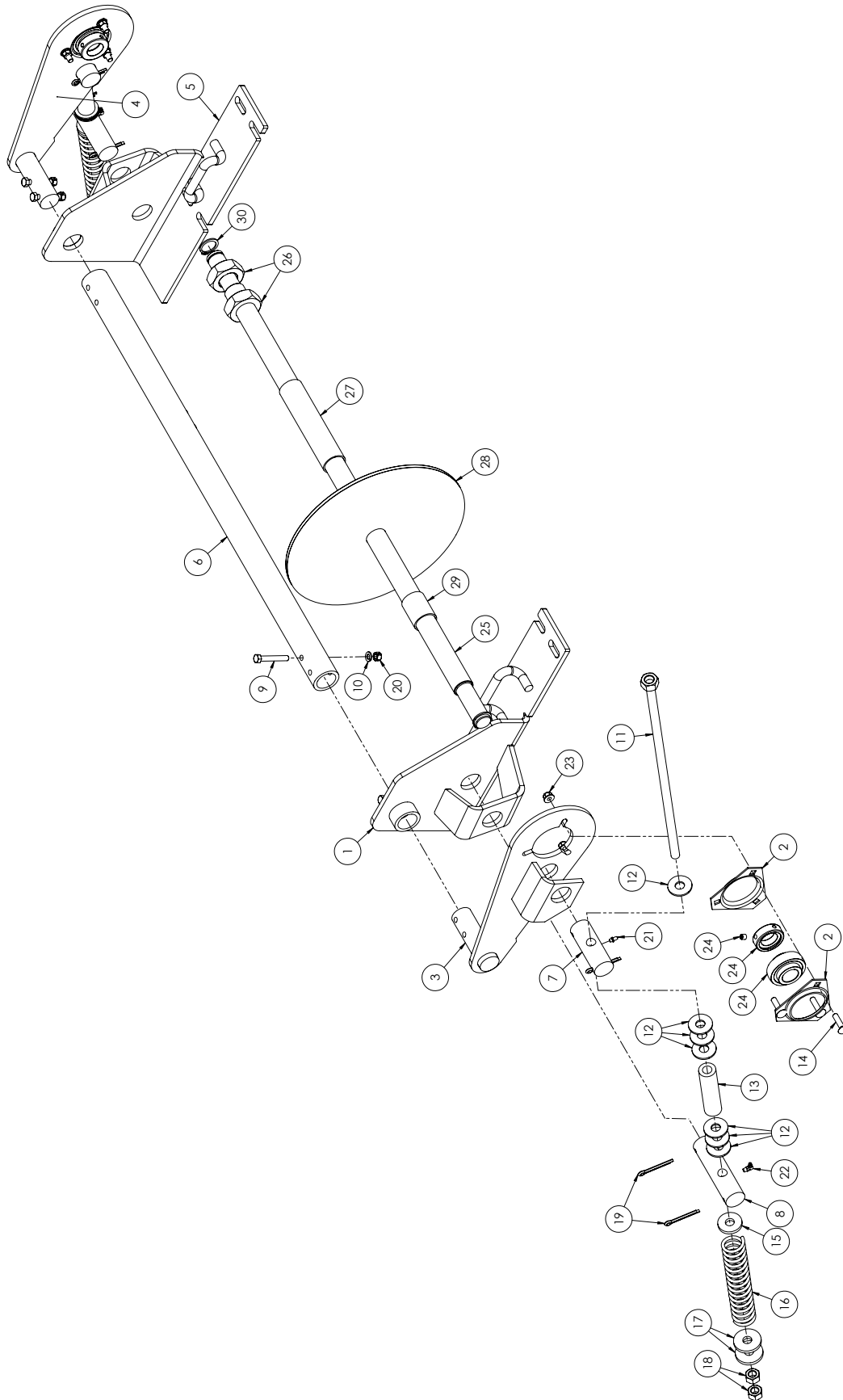
SMV SIGN ASSEMBLY

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	E224138	EMBLEM, CAUTION SMV	1
2	I159920	SCREW, RHMS 1/4-20X3/4 ZN	2
3	600100	NUT, HFH NYLOC 1/4-20	2

STRIPPER TO TANK ASSEMBLY

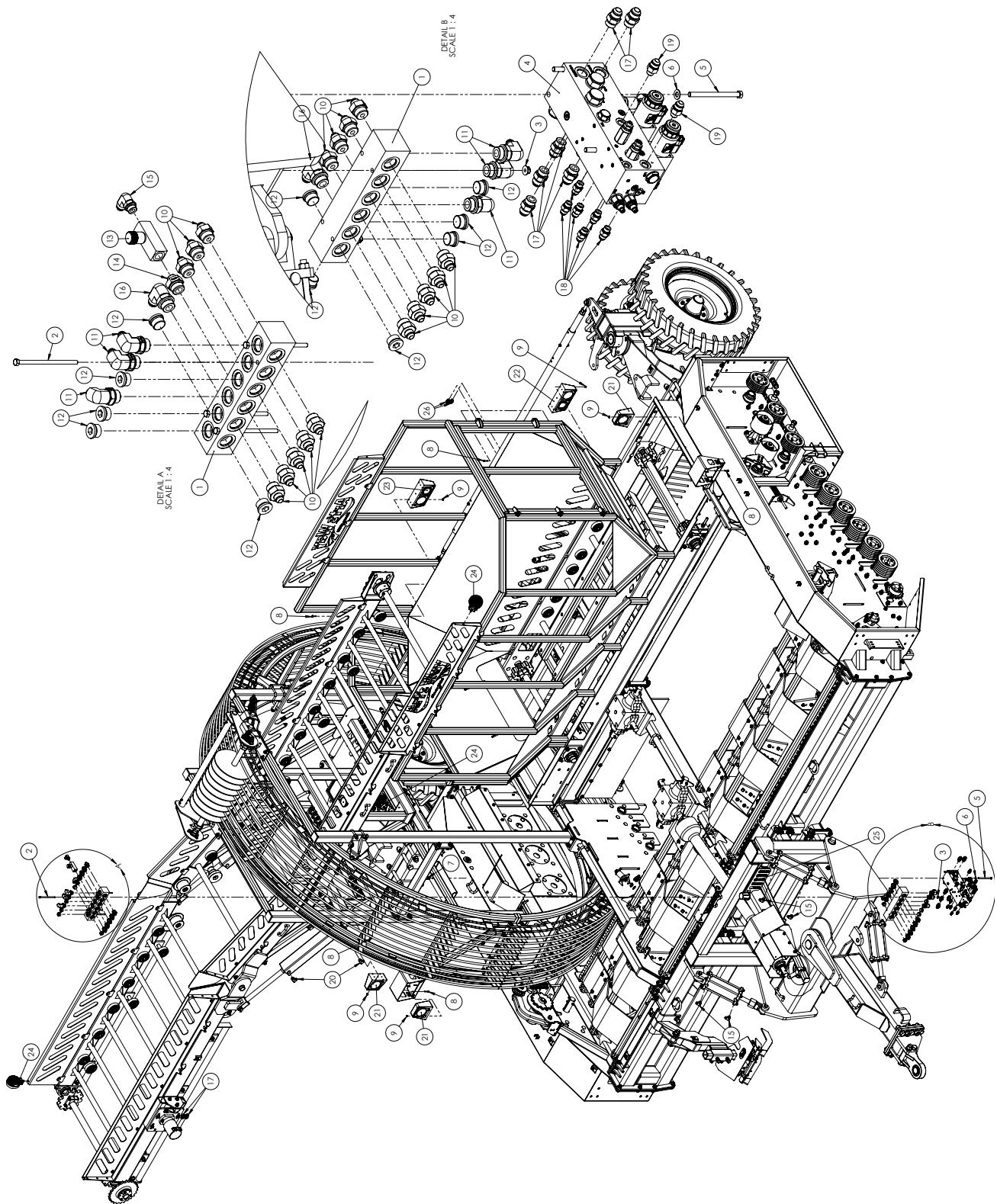
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	600140	NUT, HFH NYLOC 1/2-13	8
2	622960	STRIPPER ASSEMBLY	1
3	290890	BOLT, U, 1/2-13X2.06X3.25	4

STRIPPER ASSEMBLY



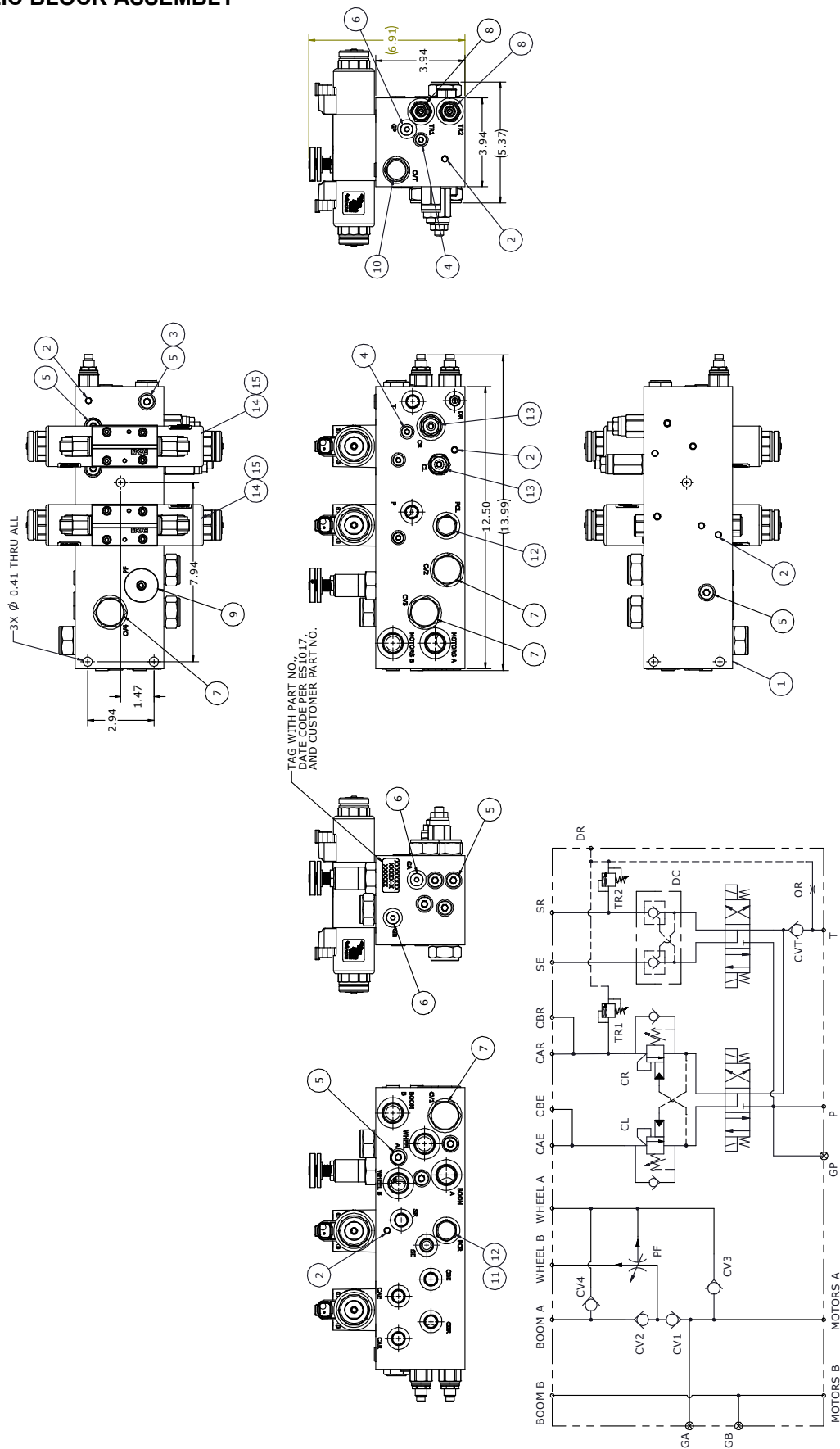
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	415160	MOUNT WLDT, RH	1
2	E281004	FLANGETTE	4
3	415140	ARM WLDT, RH	1
4	415150	ARM WLDT, LH	1
5	415170	MOUNT WLDT, LH	1
6	622975	TUBE, TORQUE	1
7	415220	PIVOT, CENTER	2
8	415230	PIVOT, CENTER	2
9	037630	BOLT, HHCS 3/8-16 X 2-1/2"	4
10	021180	WASHER, LOCK 3/8	4
11	534410	BOLT WLDT, 5/8-11 X 20.50"	2
12	020430	WASHER, FLAT 5/8 STD	14
13	462130	TUBE, SPRING STOP	2
14	J03H1558	BOLT, CRG 3/8-16 X 1-1/2	6
15	I21905R1	WASHER, 21/32 X 1.75 X 1/4	2
16	U52000015	SPRING, COMPRESSION	2
17	340310	WASHER, FLAT	4
18	I124589	NUT, HEX 5/8-11	4
19	114370	PIN, COTTER, 1/4" X 2" Z5	8
20	023060	NUT, LOCK 3/8-16 2 WAY	4
21	115590	FITTING, GREASE	2
22	I19612R91	GREASE FITTING, 90 DEG TAP	2
23	600120	NUT, HFH NYLOC 3/8-16	6
24	609290	BEARING, 72MM	2
25	622980	SHAFT, WHEEL	1
26	609530	NUT, JAM 1 1/2-12	4
27	609360	SPACER, LONG	2
28	609380	DISK	9
29	609370	SPACER, SHORT	8
30	583340	RING, EXT 1.25 HD SNAP	2

LIGHTS AND HYDRAULIC FITTINGS ASSEMBLY



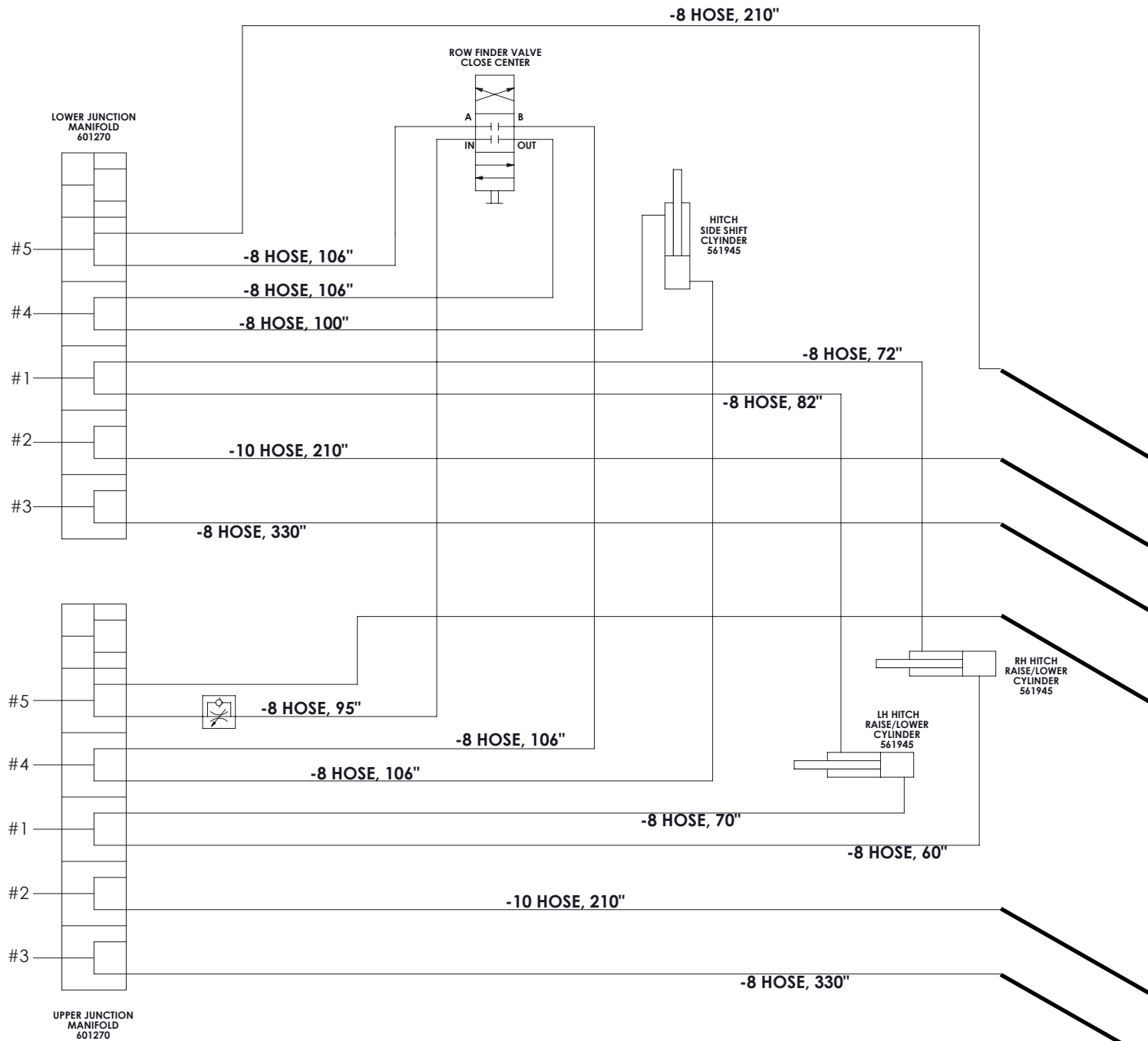
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	601270	BLOCK, MANIFOLD	2
2	600480	BOLT, HHCS 5/16-18 X 6"	4
3	600110	NUT, HFH NYLOC 5/16-18	4
4	622250	MANIFOLD, HYD CONTROL	1
5	991170	Bolt, HHCS 3/8-16 x 5 Gr	3
6	I120394	WASHER, FLAT 3/8 SAE	3
7	600120	NUT, HFH NYLOC 3/8-16	3
8	600090	BOLT, HFH 1/4-20	20
9	600100	NUT, HFH NYLOC 1/4-20	20
10	605840	FITTING, HYD STRAIGHT	17
11	585160	FITTING, HYD 90°	6
12	605850	FITTING, HYD PLUG	12
13	591930	VALVE, FLOW CONTROL	1
14	600590	FITTING, HYD STRAIGHT	1
15	530210	FITTING, HYD 90°	7
16	585410	FITTING, HYD 90°	2
17	I2185062	FITTING, HYD STRAIGHT	12
18	530240	FITTING, HYD STRAIGHT	6
19	MP32.60010	FITTING, HYD STRAIGHT	2
20	I2185128	FITTING, HYD 90°	4
21	619715	LAMP ASSY, AMBER LED	3
22	619730	LAMP ASSY, LH DUAL	1
23	619740	LAMP ASSY, RH DUAL	1
24	631730	FLOOD LIGHT	3
25	MP09.74158	COUPLER, QUICK MALE	10

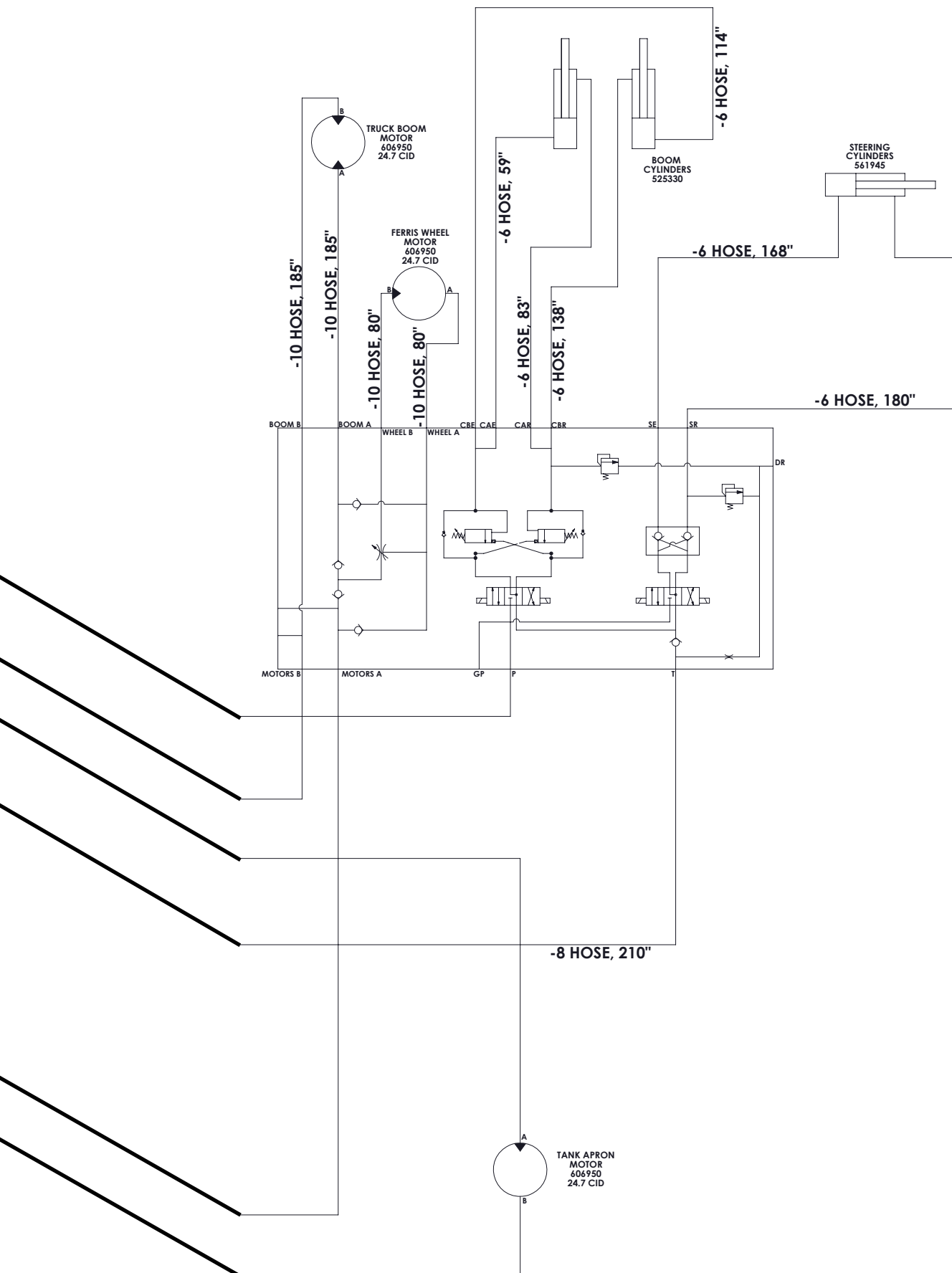
HYDRAULIC BLOCK ASSEMBLY



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	F13200B2	BODY, BEET HARVESTOR MANIFOLD	1
2	MB850-070	EXPANDER PLUG, 7 MM	10
3	1362A025	ORIFICE PLUG 5/16-24 0.025	1
4	22S-S04	SAE-4 PLUG, ZERO-LEAK	4
5	22S-S06	SAE-6 PLUG, ZERO-LEAK	11
6	C10333-04	PLUG SAE -04 HOLLOW HEX	3
7	CV11-12V-P-0-2.5	CART, CHECK VALVE 2.5 PSI, VITON	4
8	RDH081S50V-500	CART, RELIEF VALVE DIRECT ACTING	2
9	PFR12-12N-K-0-20	CART, PRIORITY FLOW REG., KNOB ADJ. 10-20 GPM	1
10	CV3-10-P-0-3	CART, CHECK VALVE 3 PSI	1
11	7091A002	PART, DUAL PILOT PISTON	1
12	CVH081P30	CART, CHECK VALVE	2
13	1SE30F35S5	CART, COUNTERBALANCE VALVE 5:1	2
14	851AN00002A	D03 3P4W FLOAT SPOOL 12 VDC DEUTSCH	2
15	C10702	BOLT KIT, 10-24 X 1.25 4 PER KIT	2

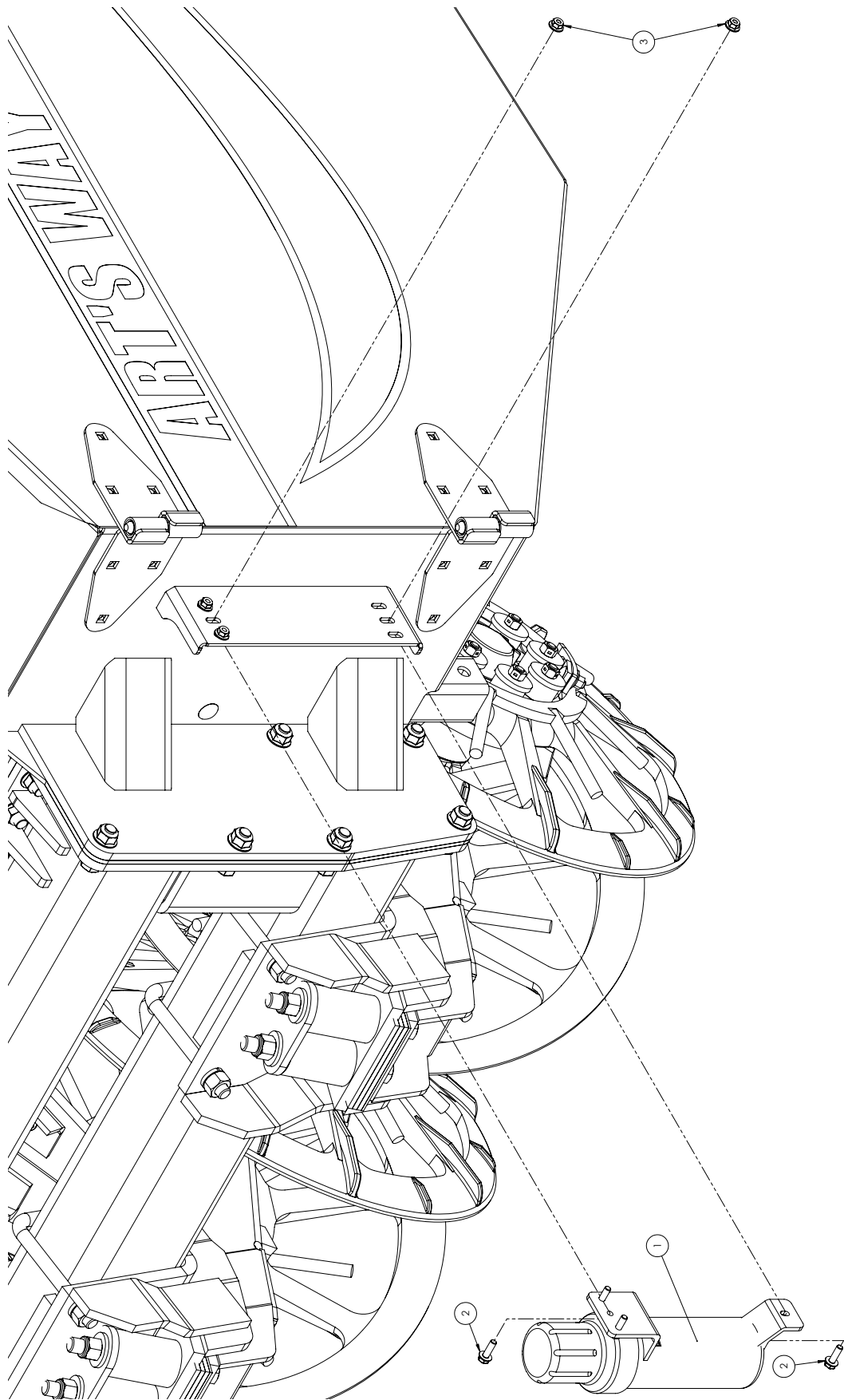
HYDRAULICS





ELECTRICAL

MANUAL TUBE ASSEMBLY



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MP907739	TUBE - OP MAN HOLDER	1
2	600060	BOLT, HFH 5/16-18 X 1"	4
3	600110	NUT, HFH NYLOC 5/16-18	4

DECALS

NOTES:

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NOTES:



NOTES:



Art's-Way Manufacturing Co., Inc. TECHNICAL MANUALS

Manuals are available from your local dealer or Art's-Way Manufacturing Co., Inc. 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.

Your local dealer can expedite your order for operator manuals, illustrated parts catalogs, service manuals, and maintenance records.

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

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ART'S-WAY MANUFACTURING CO., INC.

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