

Illustrated Parts List

Model 8215
Grinder/Mixer



Art's Way Manufacturing

645920

Issued November 2024



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.

TO THE OWNER

Congratulations on the purchase of your new Art's Way Grinder/Mixer. 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 Grinder/Mixer. 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 Grinder/Mixer.

Even if you are an experienced operator of this or similar equipment, we ask that you read this manual before operating this Grinder/Mixer. 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 Grinder/Mixer 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 Grinder/Mixer, 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.

IMPORTANT WARRANTY INFORMATION

The warranty for this Grinder/Mixer 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 8215 Grinder/Mixer only. Any mention of other machinery in this manual other than the 8215 Grinder/Mixer 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 8215 Grinder/Mixer.

PARTS & SERVICE

As the purchaser of your new grindermixer, 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 grindermixer. 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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FOR WARRANTY INFORMATION
REFER TO THE SEPARATE DOCUMENT
INCLUDED WITH THIS MANUAL OR GET
IT ONLINE FROM:

WWW.ARTSWAY.COM

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 grinder/mixer.

Art's Way Manufacturing strives to make our equipment as safe as possible. The Art's Way 8215 Grinder/Mixer 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 grinder/mixer 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 grinder/mixer. (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 grinder/mixer 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 grinder/mixer 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 grindermixer. 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 grindermixer.



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

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

Install safety chain when attaching the grindermixer to the tractor.



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



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 grindermixer 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 grindermixer while in operation.



Do not allow riders while the grindermixer is in operation.



Do not attempt to unclog, clean, or adjust the grindermixer 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 grindermixer. 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 grindermixer 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 grindermixer is securely attached to the tractor and install a safety chain to the grindermixer.

Make sure the tractor brake pedals are latched together.

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



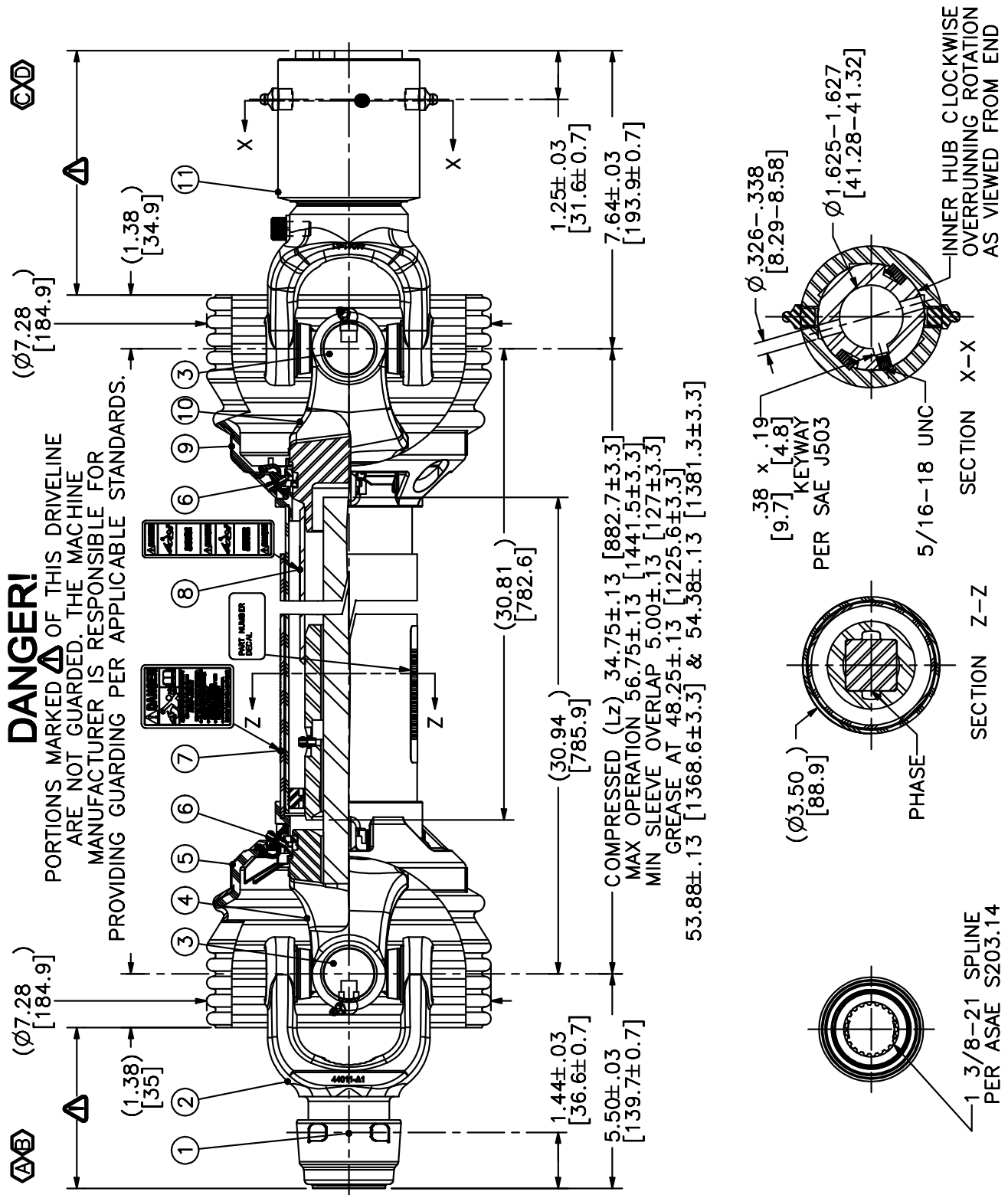
Do not allow spectators, especially children, in the working area.

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SECTION 1: GRINDER/MIXER

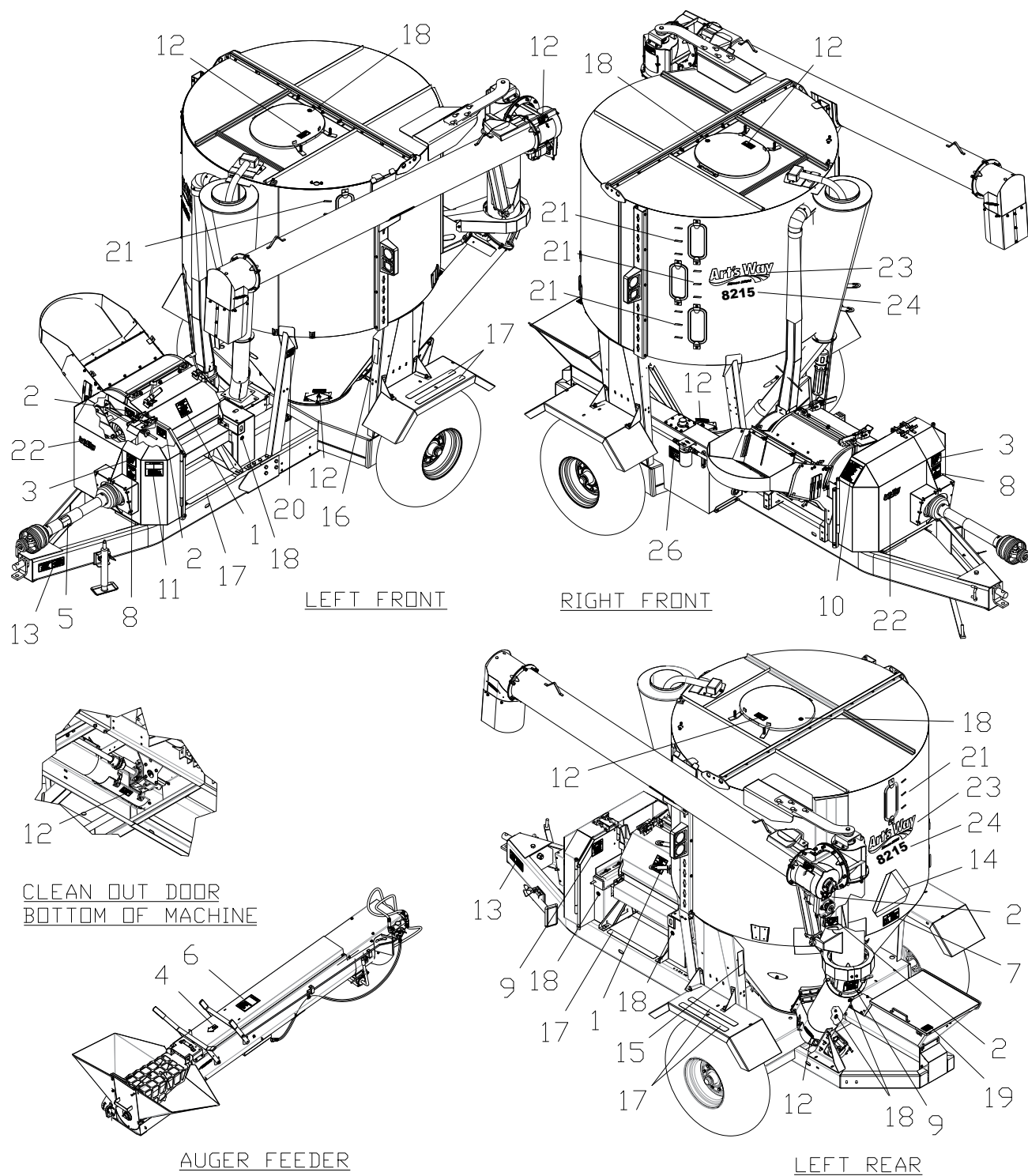
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
A	617201	JOINT & SHAFT HALF, GUARDED	1
B	95-27401*	JOINT & SHAFT HALF	1
C	617202	JOINT & TUBE HALF, GUARDED	1
D	94-27401*	JOINT & TUBE HALF	1
1	MP331682B91	REPAIR KIT, SSL/AUTO-LOK	1
2	44011-1006*	YOKE, 44, SLIDE LOCK	1
3	03-10089*	CROSS KIT, 44R	2
4	99-27401*	YOKE & SHAFT (1.31 SQUARE)	1
5	617213	OUTER GUARD	1
6	617214	GUARD REPAIR KIT	2
7	469540P	SAFETY SIGN	1
8	469580P	SAFETY SIGN	1
9	617212	INNER GUARD	1
10	98-27401*	YOKE, TUBE & SLIP SLEEVE	1
11	617204	CLUTCH, 44, OVERRUNNING	1
*CALL FOR ART'S WAY DEALER FOR AVAILABILITY			

1000 RPM DRIVE SHAFT (617210) (STANDARD) ASSEMBLY

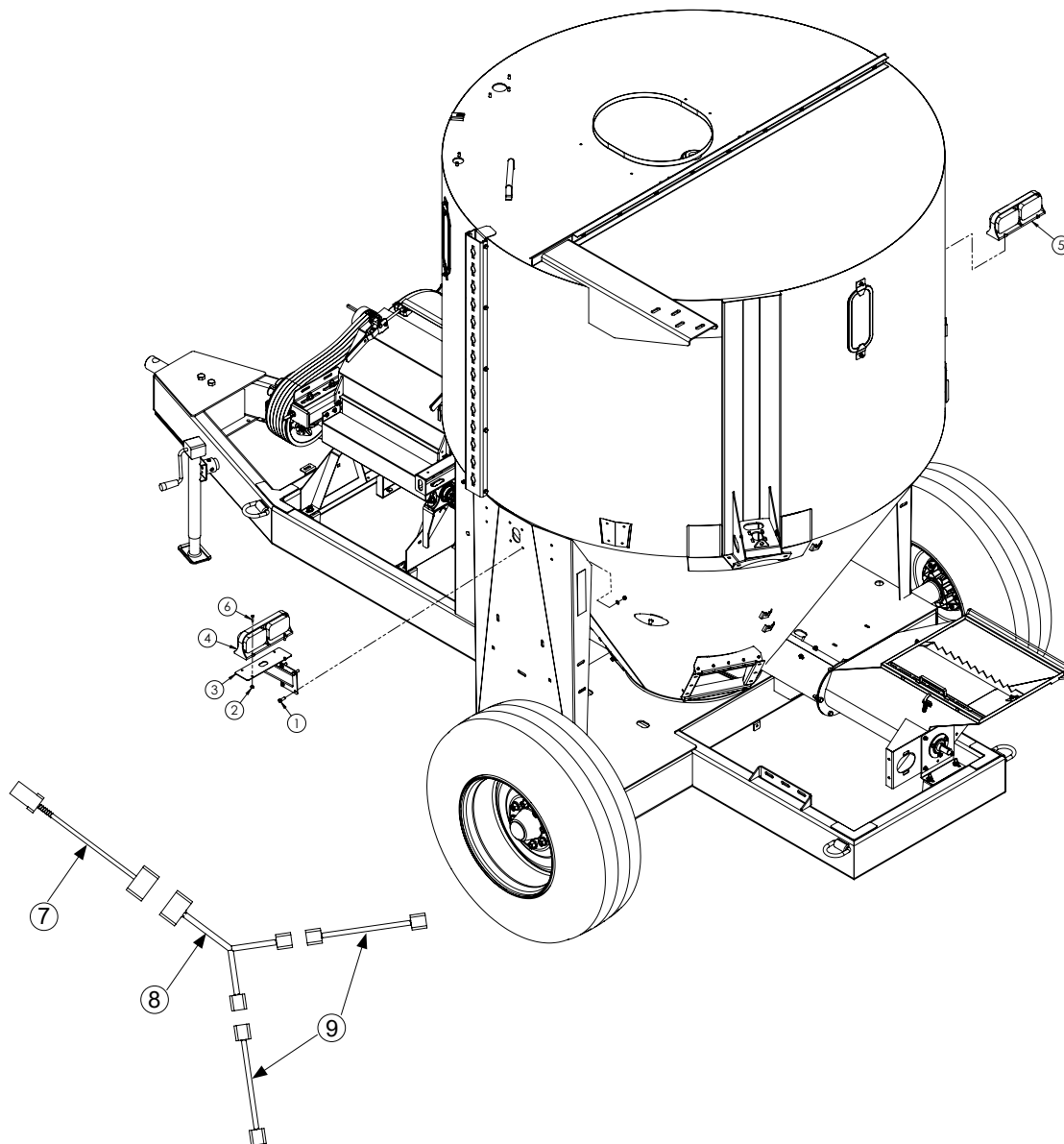


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
A	617211	JOINT & SHAFT HALF, GUARDED	1
B	95-27402*	JOINT & SHAFT HALF	1
C	617202	JOINT & TUBE HALF, GUARDED	1
D	94-27401*	JOINT & TUBE HALF	1
1	MP331682B91	REPAIR KIT, SSL/AUTO-LOK	1
2	44011-1007*	YOKE, 44, SLIDE LOCK	1
3	03-10089*	CROSS KIT, 44R	2
4	99-27401*	YOKE & SHAFT (1.31 SQUARE)	1
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*CALL ART'S WAY DEALER FOR AVAILABILITY			

PAINT AND DECALS

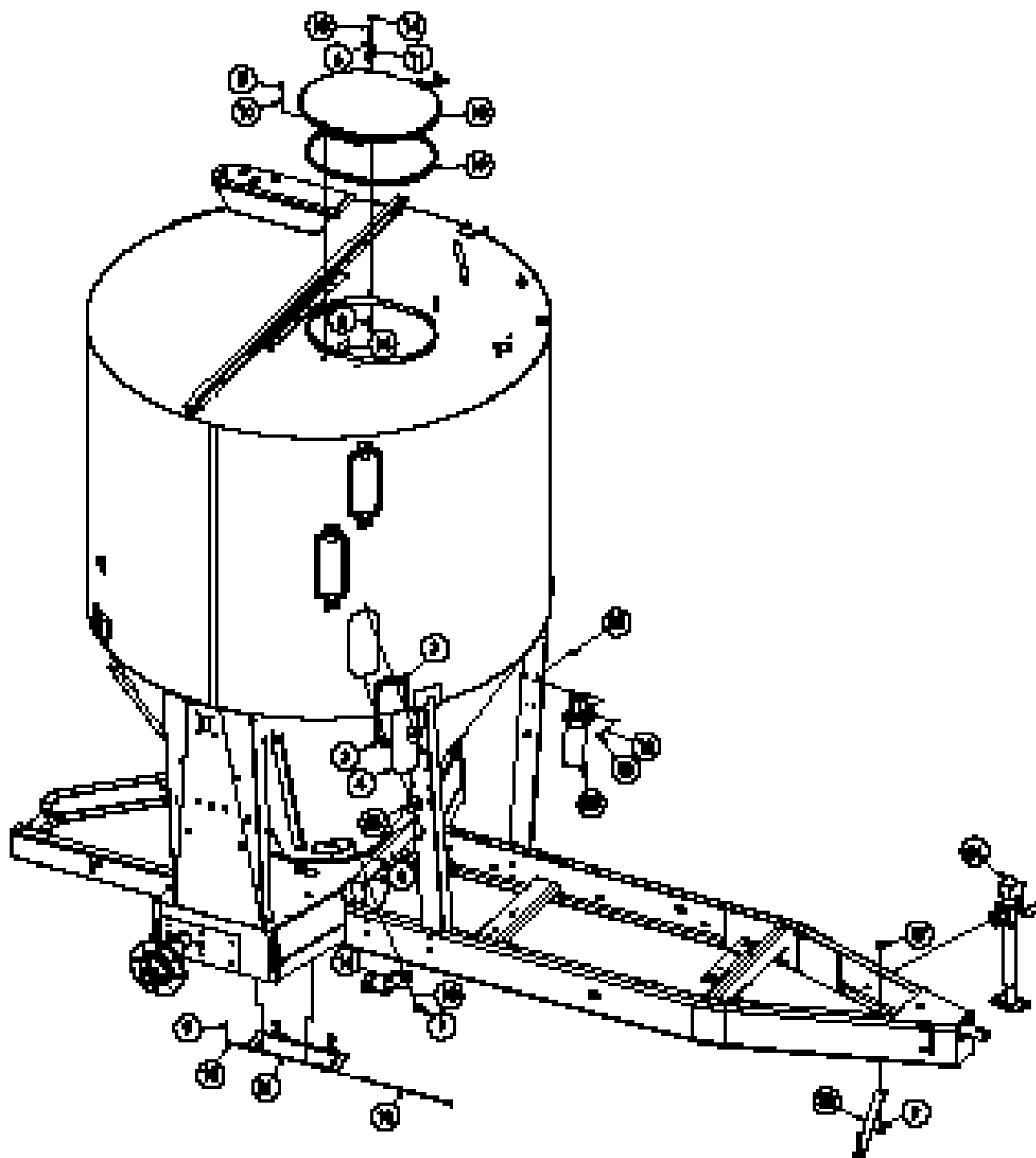


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	363000	DECAL, DANGER ROTATING MECHANISM	1
2	467430	DECAL, DANGER SHIELD MISSING	5
3	384020	DECAL, DANGER 1000 RPM PTO	1
	384030	DECAL, DANGER 565 RPM PTO	
4	158520	DECAL, AUGER FEEDER STOP	1
5	268860	DECAL, DANGER ROTATING DRIVE LINE	1
6	383990	DECAL, DANGER AUGER FEEDER	1
7	384000	DECAL, DANGER ELECTROCUTION HAZARD	1
8	368350	DECAL, WARNING MOVING FLYWHEEL HAZARD	1
9	467450	DECAL, MOVING PART HAZARD	2
10	368040	DECAL, CAUTION SAFETY INSTRUCTIONS	1
11	346310	DECAL, WARNING HIGH PRESSURE FLUID HAZARD	1
12	377280	DECAL, CAUTION DO NOT OPEN	7
13	383970	DECAL, CAUTION HITCH INSTRUCTIONS	1
14	E224038	DECAL, CAUTION SMV	1
15	476450	REFLECTOR, RED	2
16	476460	REFLECTOR, YELLOW	1
17	117720	TAPE, ANTI-SKID	3
18	146670	DECAL, GREASE SYMBOL	5
19	212350	DECAL, SUPPLEMENT INSTRUCTIONS	1
20	355500	TAG, SERIAL NO. FINISHED	1
	204510	NAIL, 1/4" GRIP	4
21	529400	DECAL, TANK WINDOW DASH (SHOWN)	5
	720831	DECAL, TANK LEVEL RH (NEW DESIGN)	2
	720832	DECAL, TANK LEVEL LH (NEW DESIGN)	3
22	626570	DECAL, ART'S WAY LOGO 7.0" BLACK (SHOWN)	1
	720105	DECAL, ART'S WAY LOGO 18" WIDE (NEW DESIGN)	1
23	582430	DECAL, ART'S-WAY LOGO 20.1" CREAM (SHOWN)	2
	720100	DECAL, ART'S WAY LOGO 24" WIDE (NEW DESIGN)	2
24	645420	DECAL, 8215 GRINDER MIXER (SHOWN)	2
	720605	DECAL, 8215 (NEW DESIGN)	2
26	389300	DECAL, IMPORTANT AVOID DESTRUCTION/PUMP	1
-	043121P	PAINT, ART'S-WAY GREEN – 16 OZ. SPRAY CAN	-
-	MP01.77800	DECAL, WARNING NO STEP	2

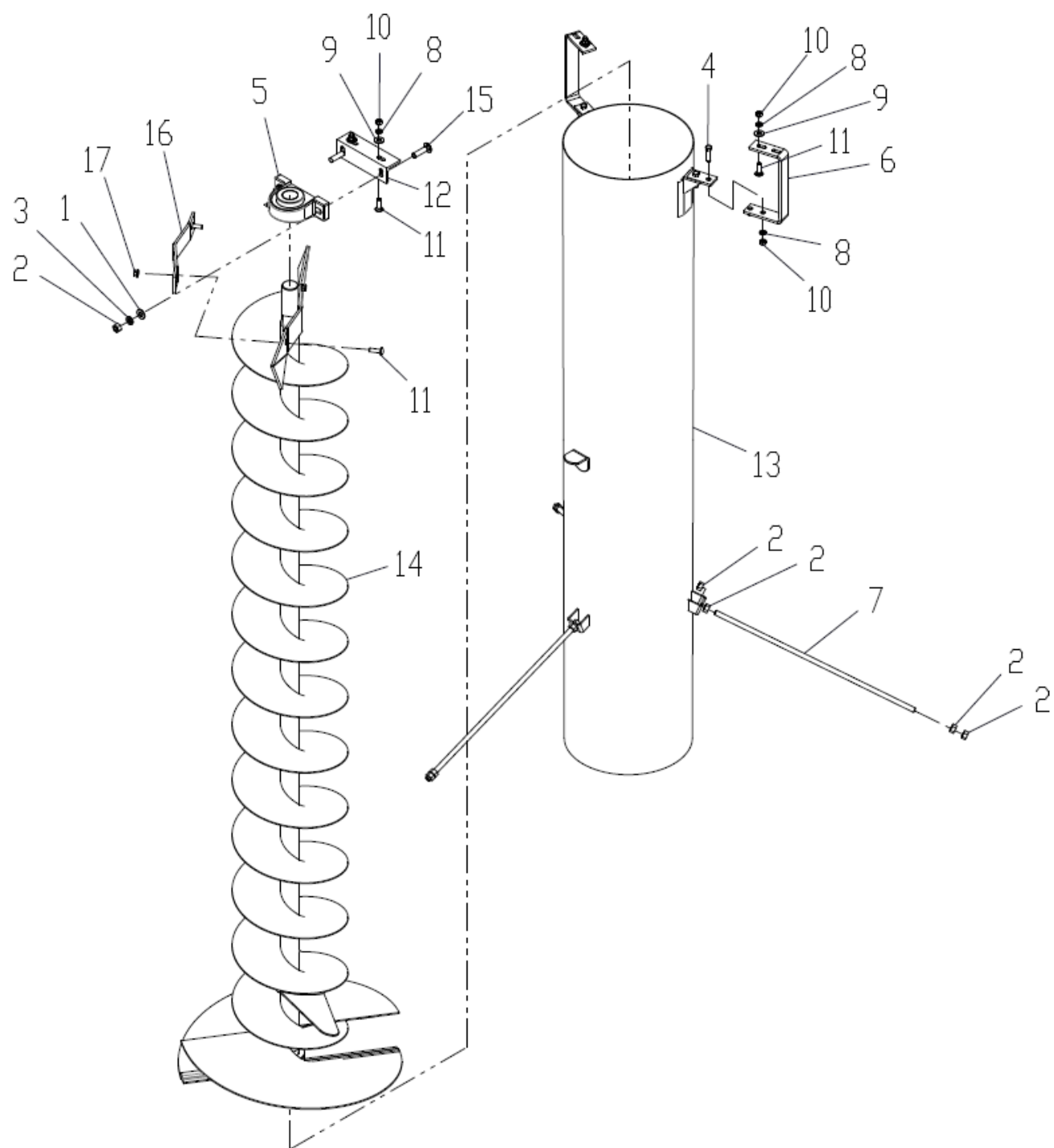
LIGHTS ASSEMBLY

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	012260	BOLT, HHCS 3/8-16 X 1	21
2	037550	NUT, NYLOC 1/4-20	8
3	626675	MOUNT WLDT, LIGHT	2
4	642580	LIGHT, LED	1
5	642590	LIGHT, LED	1
6	V067301	SCREW, SHCS 1/4-20 x 1	8
7	642620	HARNESS, MAIN	1
8	642600	HARNESS, "Y" SPLITTER	1
9	642610	HARNESS, EXTENSION	2

MISC. TANK PARTS ASSEMBLY



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	009790	NUT, WING 5/16-18 TYPE A	8
2	009800	HBOLT 0.3125-18x2.5x0.875	2
3	012020	RUBBER, WINDOW	5
4	012050	GLASS, 4.5 X 12.0	5
5	012140	BOLT, HHCS 5/16-18 X 3/4	2
6	013080	SPRING, COMP.	2
7	014770	BOLT, HHCS .50-13X1.50	1
8	020190	NUT, LOCK 5/16-18 HEX FLG	10
9	021210	PIN, COTTER 3/32 x 1.00	1
10	022920	WASHER, FLAT 5/16 STD	13
11	022930	BRACET, LID	2
12	023620	WASHER, LOCK 5/16	3
13	023630	NUT, HEX 5/16-18	3
14	025670	NUT, LOCK 5/16-18 HEX FLG	4
15	035661	LID & HINGE,	1
16	036090	DOOR, CLEANOUT	2
17	037540	NUT, LOCK 1/2-13 NYLON	1
18	156970	PIN, 5/16 DIA	1
19	164020	SEAL, TANK LID	1
20	254060	BOLT, CRG 5/16-18 X 1"	3
21	363990	COVER WLDT,	1
22	379470	HOLDER, PTO	1
23	575940	CLIP, MIX TANK	10
24	626050	JACK ASSY, SIDEWINDER	1
25	MP907739	TUBE - OP MAN HOLDER	1

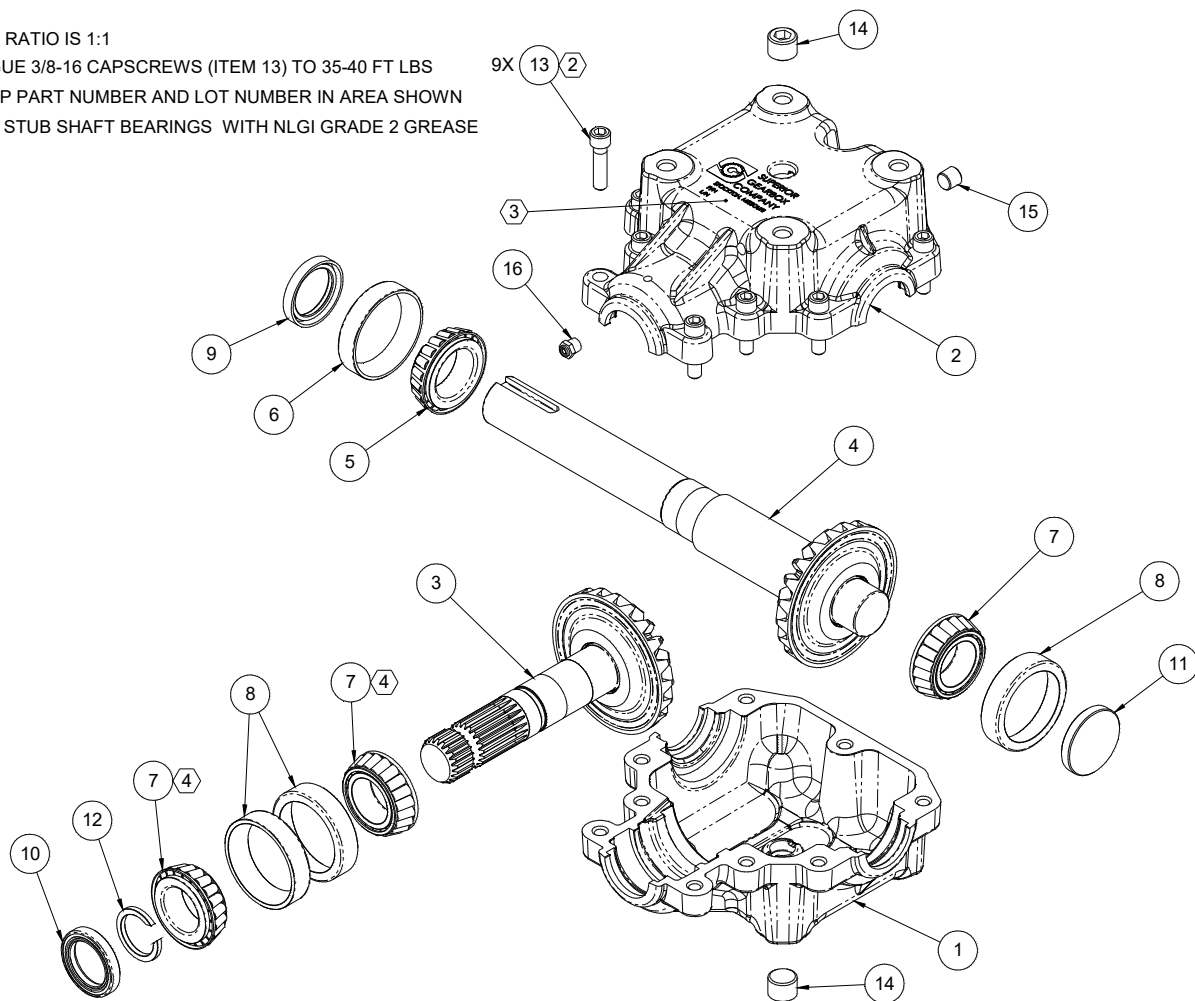
MIXING AUGER ASSEMBLY

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005200	WASHER, FLAT 1/2 STD	2
2	005360	NUT, HEX 1/2-13	14
3	005370	WASHER, LOCK 1/2	2
4	011370	BOLT, HHCS 3/8-16 X 1-1/2	4
5	013960	BEARING, PB 1-5/8 CI HSG W/LC	1
6	018680	SUPPORT, MAIN	2
7	644650	ROD, MIX AUGER	3
8	021180	WASHER, LOCK 3/8	8
9	021190	WASHER, FLAT 3/8 STD 7/16 X 1 X 5/64	4
10	027260	NUT, HEX 3/8-16	8
11	035180	BOLT, CRG 3/8-16 X 1-1/4	6
12	516090	HANGER, BEARING	1
13	644830	TUBE, MIXING AUGER 215 BU	1
14	644810	AUGER WLDT, SUPERIOR GB 215 BU MIXING	1
15	991200	BOLT, CRG 1/2-13 X 2	2
16	035651	PADDLE, MIXING	1
17	020180	NUT, LOCK 3/8-16 HEX FLG	2

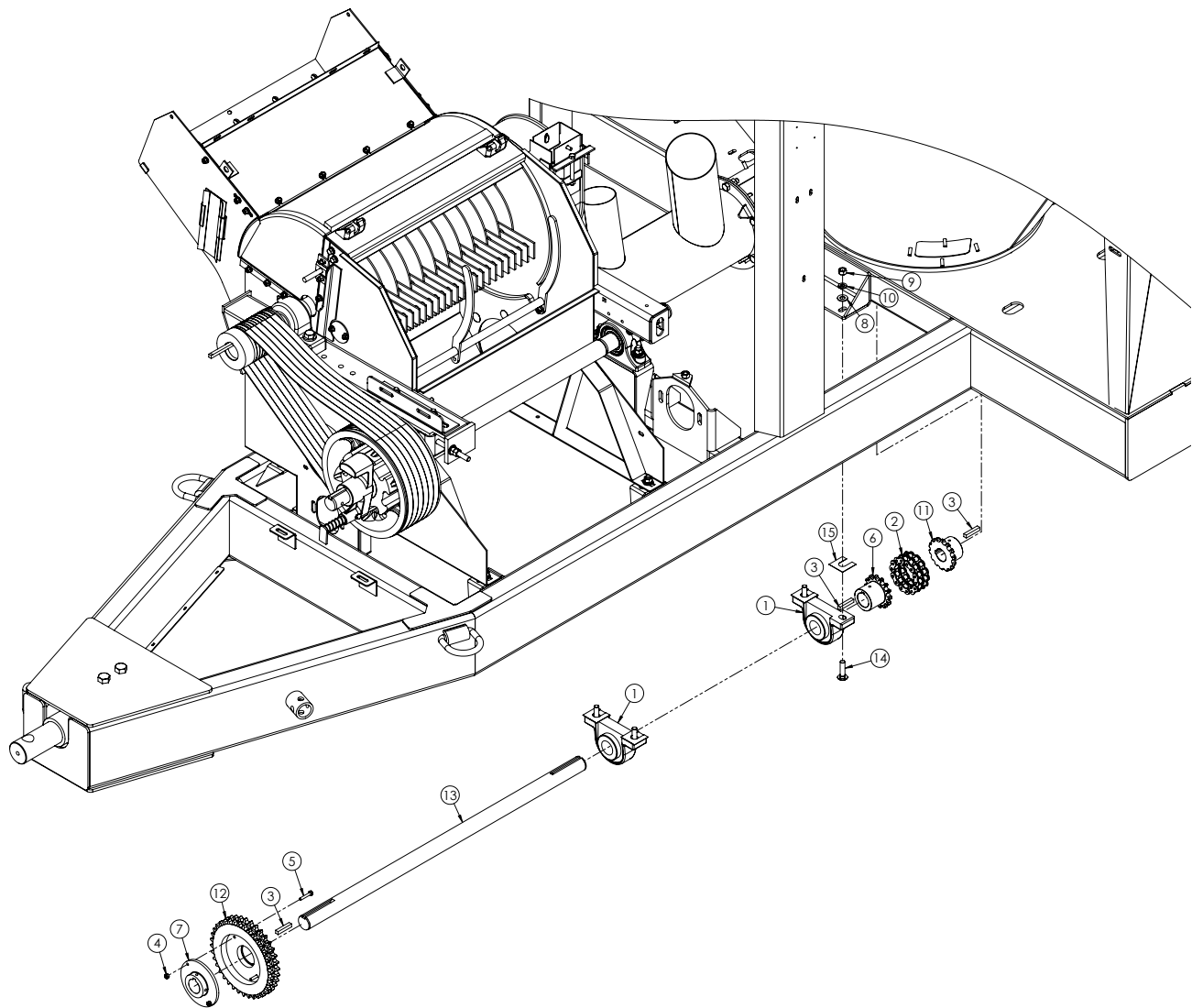
GEARBOX ASSEMBLY

NOTES:

1. GEAR RATIO IS 1:1
2. TORQUE 3/8-16 CAPSCREWS (ITEM 13) TO 35-40 FT LBS
3. STAMP PART NUMBER AND LOT NUMBER IN AREA SHOWN
4. PACK STUB SHAFT BEARINGS WITH NLGI GRADE 2 GREASE

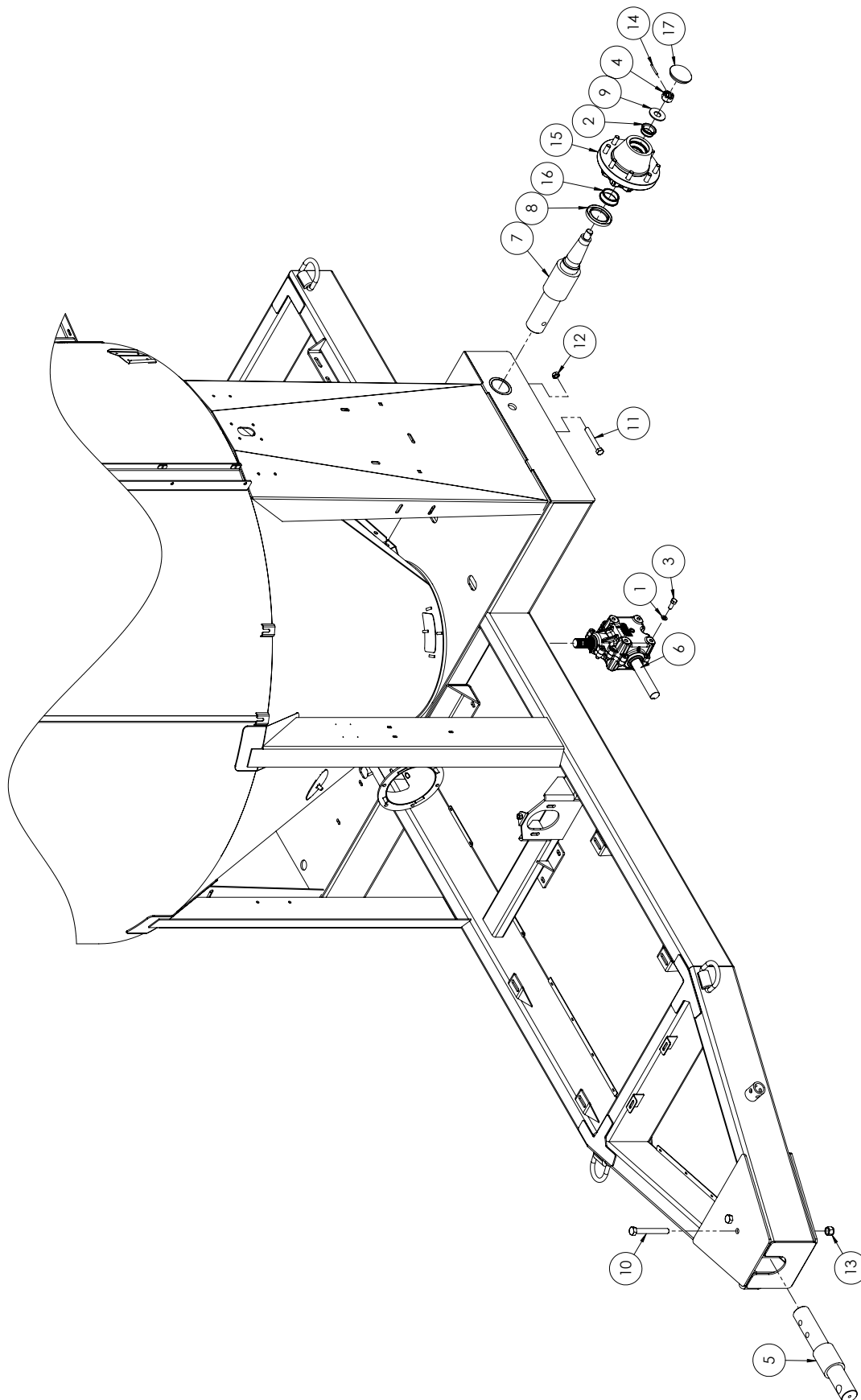


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	586180	GEARBOX, R500-003M-A0536 HOUSING HALF	1
2	586190	GEARBOX, R500-004M-B0559 HOUSING HALF	1
3	586200	GEARBOX, R500-8B00-K0280 SHAFT & GEAR	1
4	586215	GEARBOX, R500-8B00-U0058 SHAFT & GEAR	1
5	MP904026	BEARING CONE - 1.500I.D. #13687	2
6	MP905502	BEARING CUP - 2.717O.D. #13620	2
7	MP901102	BEARING CONE - 1.3750ID #14137A	2
8	MP901713	BEARING CUP - 2.7180OD #14276	2
9	586160	514846 SEAL, 1.500-2.00 .313	1
10	U51400006	513569 SEAL, SHAFT 1.375	1
11	586225	400301 SEAL, END CAP 2.00	1
12	U50200005	503413 RETAINING RING 1.375	1
13	MP906310	BOLT, SHCS 3/8	9
14	620590	PLUG, 1/2-14 NPT	2
15	MP901169	PLUG, 1/4-18 NPT	1
16	620620	PLUG, 1/8-27 NPT VENT	1
-	963130	OIL, 80/90W GL-1 GEAR	AR

LOWER MIXING DRIVE ASSEMBLY

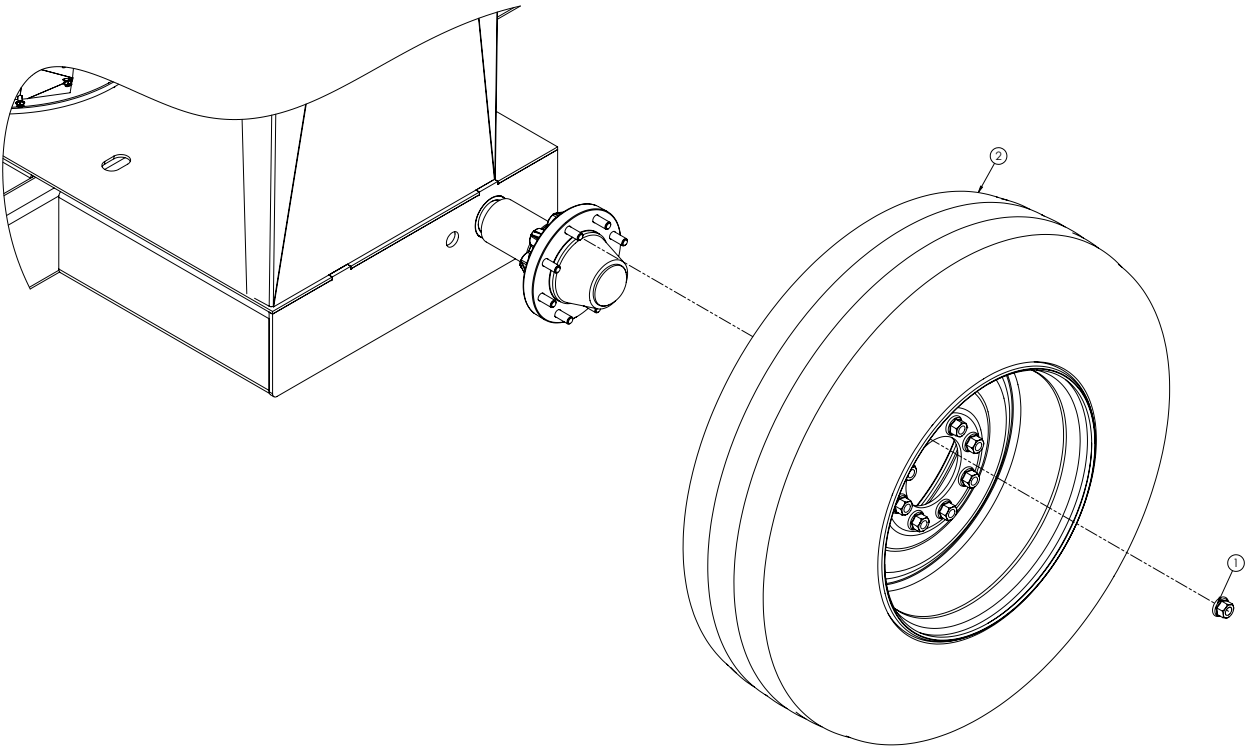
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	013960	PB BEARING, 1-5/8 W/LC	2
2	163770	CHAIN, COUPLER RC60-2	1
3	021530	KEY, SQUARE 3/8 X 2	3
4	042370	NYLON INSERT LOCKNUT, 1/4-20	2
5	047000	BOLT, HHCS 1/4-20 X 1-1/2	2
6	461150	SPROCKET, 60B14 COUPLER	1
7	469751	HUB, SHEAR 1.625ID	1
8	005200	WASHER, FLAT 1/2 STD	15
9	005360	NUT, HEX 1/2-13	30
10	005370	WASHER, LOCK 1/2	28
11	529110	SPROCKET, 60B14 1.44 ID, .38KW & SS	1
12	529200	SPROCKET, D60A36	1
13	645570	SHAFT, MIXING DRIVE	1
14	991200	BOLT, CRG 1/2-13 X 2	6
15	I486454R1	SHIM, .030 BLADE	AR

GEARBOX & AXLES ASSEMBLY



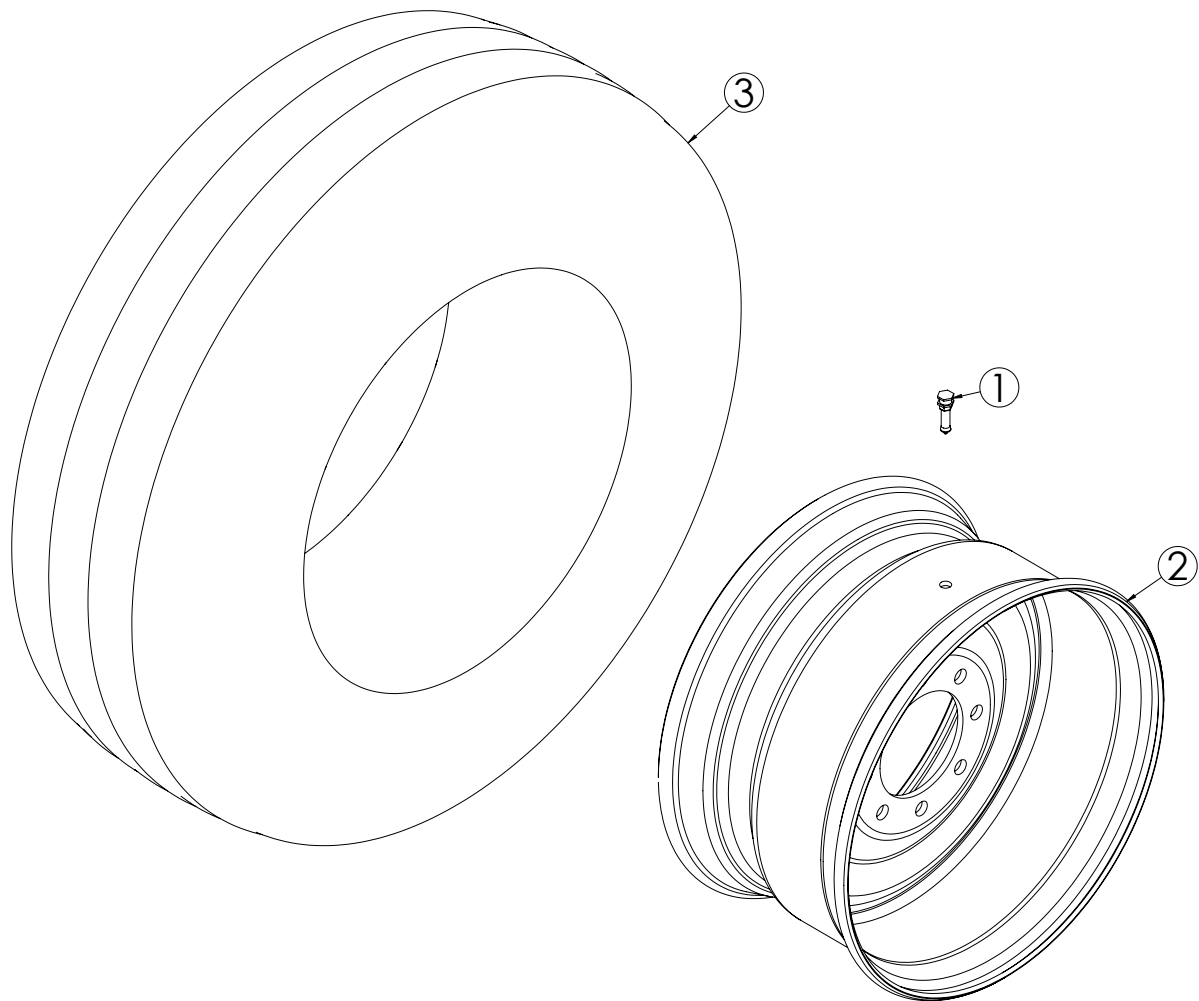
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005370	WASHER, LOCK 1/2	10
2	007600	BEARING CONE	2
3	010730	BOLT, HHCS 1/2-13 X 1-1/4"	8
4	344280	NUT, CASTLE 1-14	2
5	356120	WEIGHBAR, HITCH 2.5"	1
6	577790	GEARBOX, SUPERIOR	1
7	644370	SPINDLE, WEIGHBAR 2.75"	2
8	644410	SEAL, GREASE	2
9	990720	WASHER, FLAT 1" STD	2
10	G146711	BOLT, HHCS 3/4-10 X 6 GR8	2
11	J19H3170	HBOLT 0.6250-11X3	2
12	JK40015	NUT, HEX 5/8-11 TOP LOCK	2
13	JK40016	NUT, TOP LOCK, 3/4-10	2
14	K14700704	PIN, COTTER 7/32	2
15	MP19.00081	HUB ASSY	2
16	MP19.00083	BEARING CONE	2
17	MP903205	CAP, DUST	2

WHEEL MOUNTING ASSEMBLY

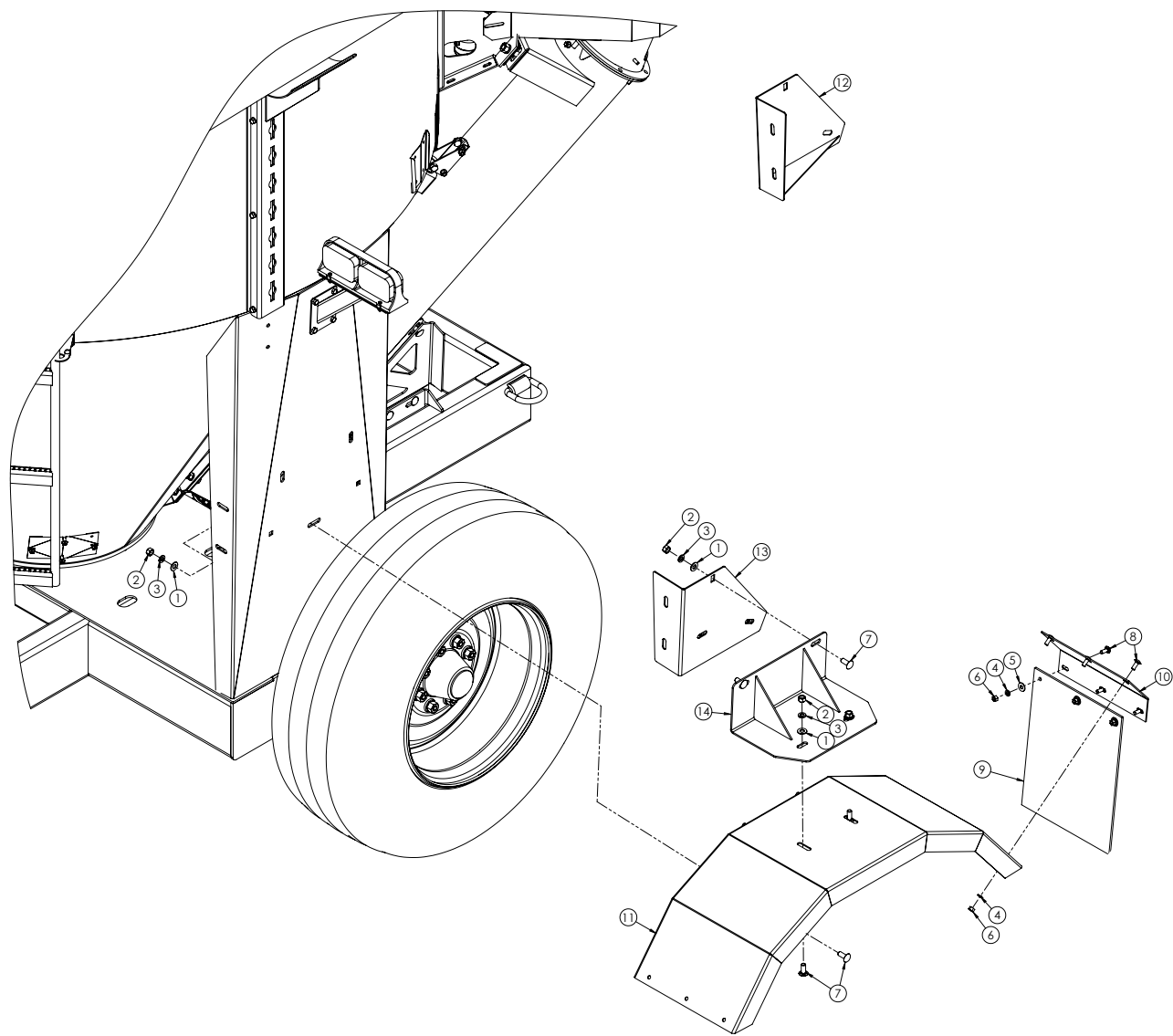


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MP907730	NUT, HEX FLANGE, 5/8-18 GR 8 (SET OF 8)	2
2	644405	WHEEL ASSY	2

WHEEL ASSEMBLY

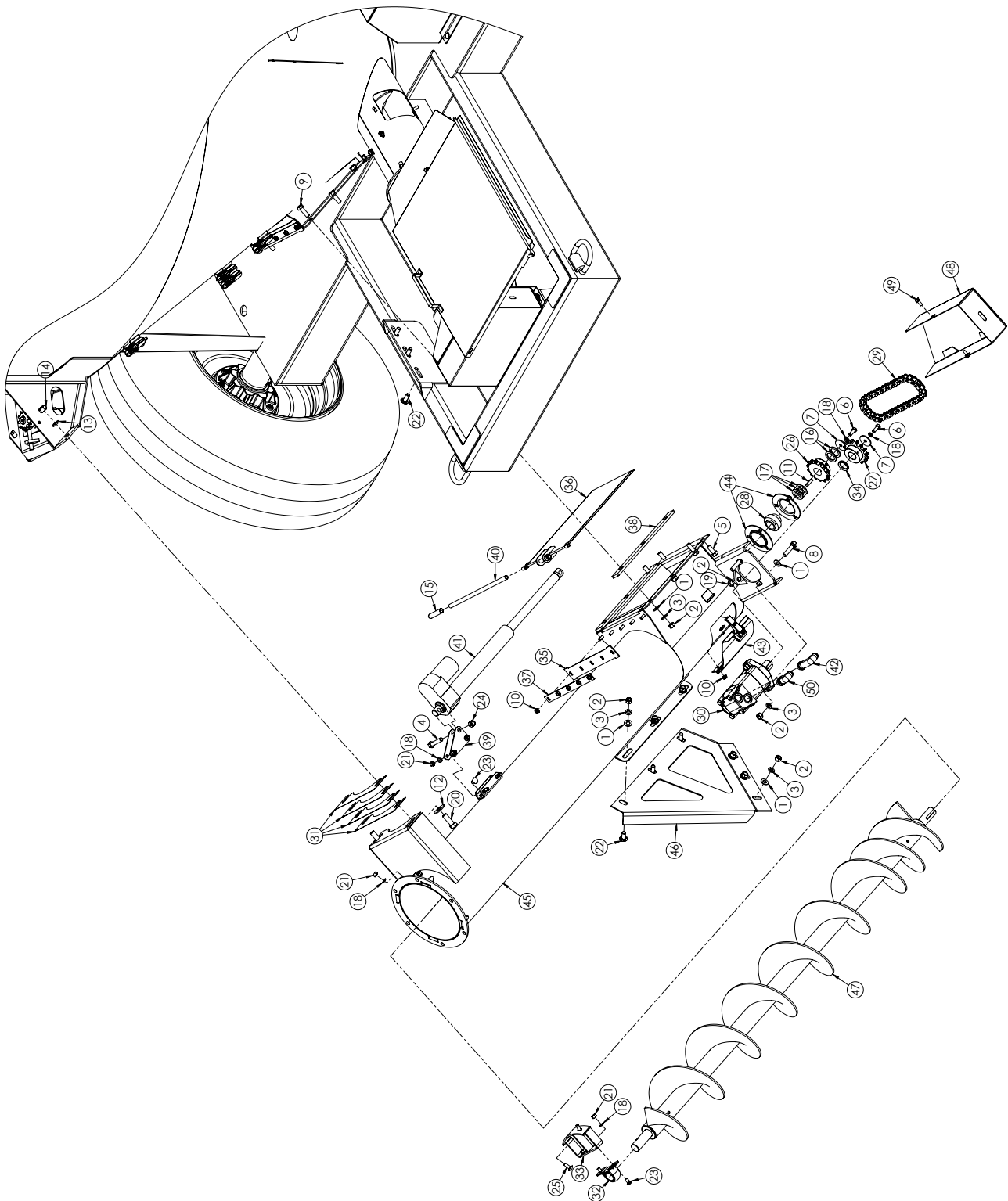


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	269490	STEEL VALVE STEM	1
2	644390	WHEEL, 22.5X11.75	1
3	644400	TIRE, 385-65-R22.5	1
*MAX PRESSURE: 70PSI			

FENDERS & MUD FLAPS ASSEMBLY

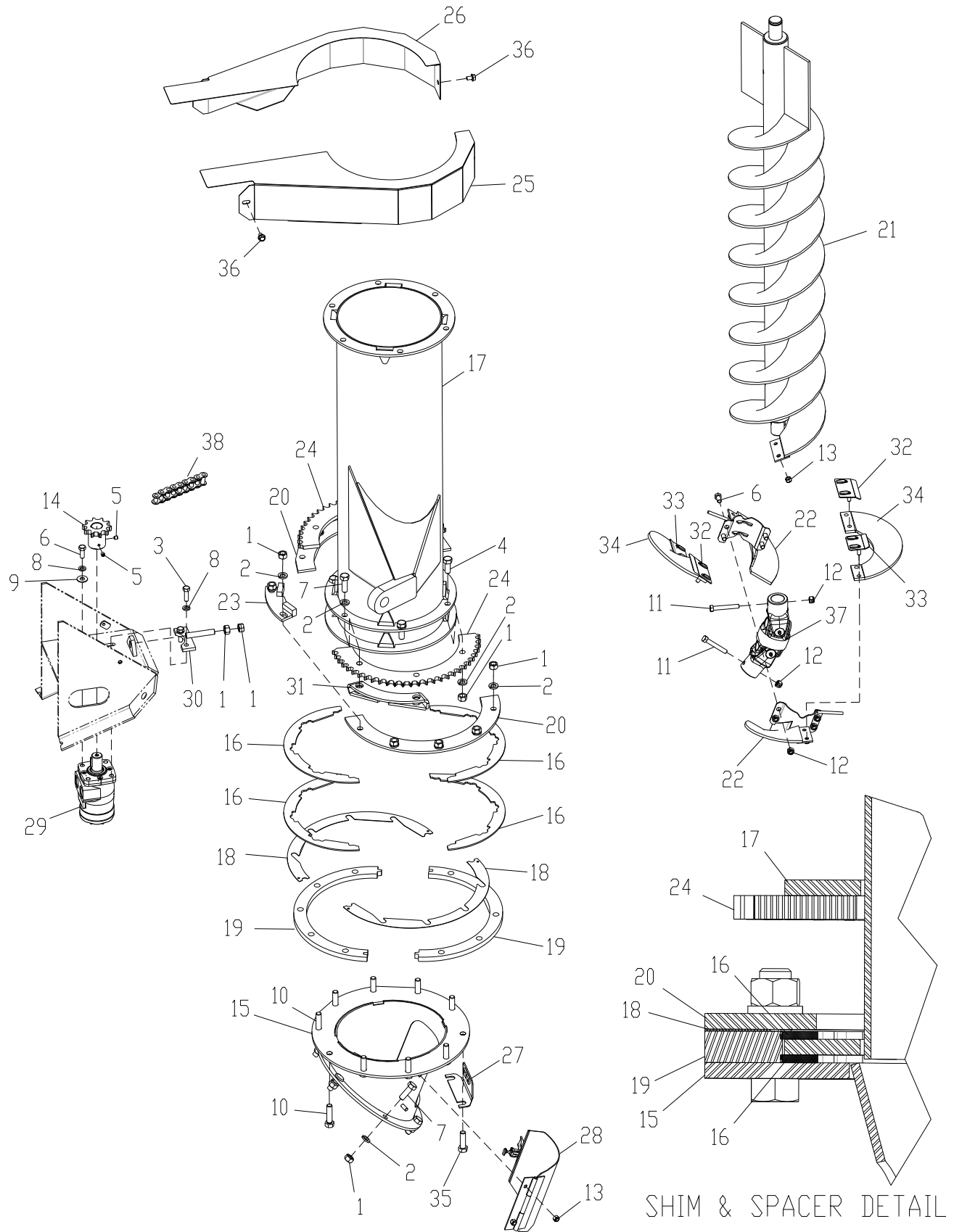
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005200	WASHER, FLAT 1/2 STD	34
2	005360	NUT, HEX 1/2-13	38
3	005370	WASHER, LOCK 1/2	36
4	021180	WASHER, LOCK 3/8	22
5	021190	WASHER, FLAT 3/8 STD	6
6	027260	NUT, HEX 3/8-16 GR5	20
7	030470	BOLT, CRG 1/2-13 X 1-1/4"	26
8	170530	BOLT, CRG 3/8-16 X 1"	17
9	626430	FLAP, MUD RUB. 14X18	2
10	626440	BRACKET, MUD FLAP	2
11	645670	FENDER, WHEEL	2
12	645720	SUPPORT WLDT, FENDER	1
13	645730	SUPPORT WLDT, FENDER	1
14	645870	SUPPORT WLDT, FENDER	1

LOWER DISCHARGE ASSEMBLY



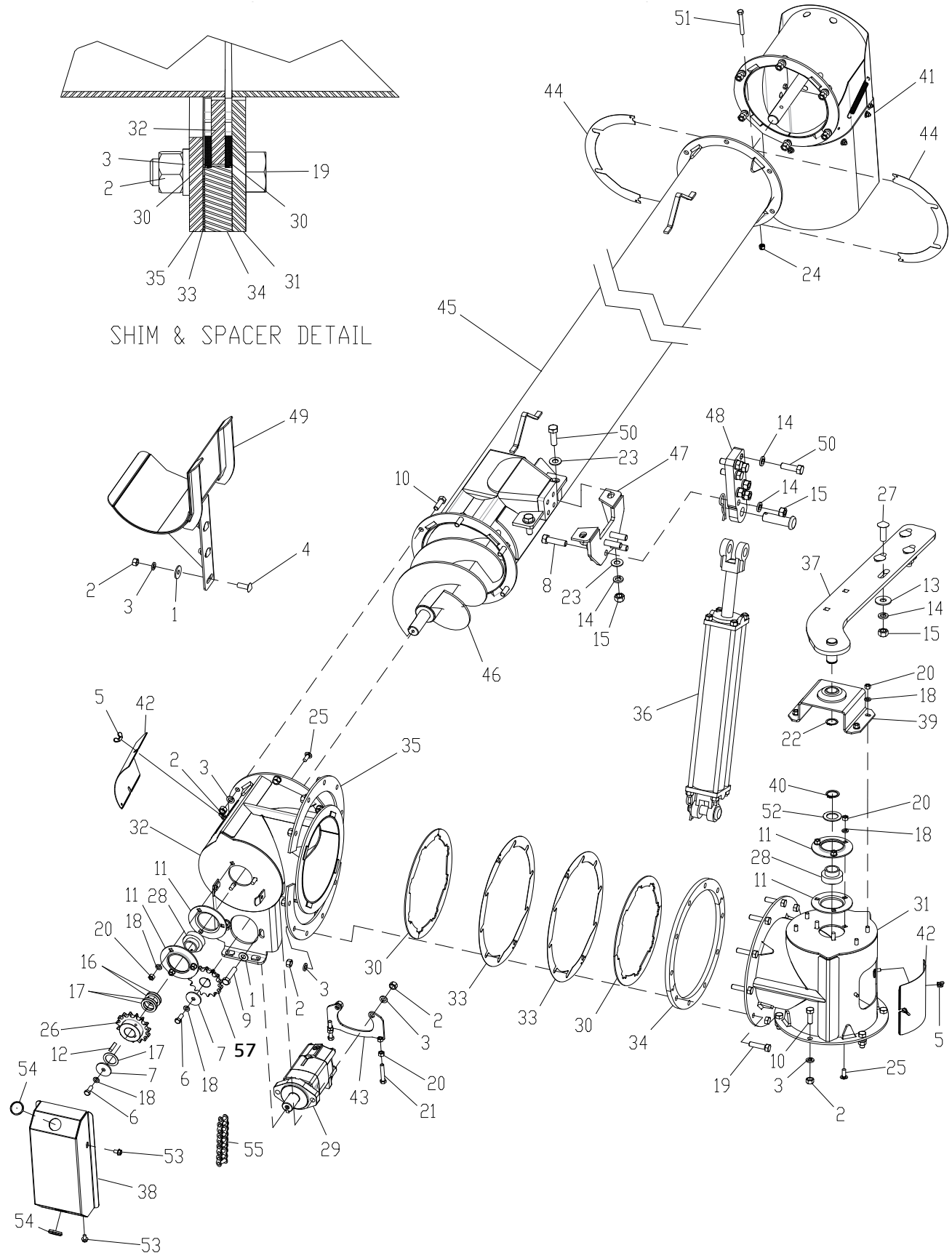
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005200	WASHER, FLAT 1/2 STD	14
2	005360	NUT, HEX 1/2-13	18
3	005370	WASHER, LOCK 1/2	16
4	007080	BOLT, HHCS 1/2-13 X 2-1/2	2
5	010730	BOLT, HHCS 1/2-13 X 1-1/4"	2
6	012260	BOLT, HHCS 3/8-16 X 1	2
7	012270	WASHER, FLAT	4
8	013790	BOLT, HHCS 1/2-13 X 2	2
9	014770	BOLT, HHCS 1/2-13 X 1-1/2"	6
10	020190	NUT, LOCK 5/16-18 FLG	16
11	020220	KEY, SQUARE 5/16 X 1-1/4	2
12	020430	WASHER, FLAT 5/8 STD	2
13	020440	WASHER, LOCK 5/8	2
14	020450	NUT, HEX 5/8-11	2
15	020641	GRIP, PLASTIC	1
16	020880	WASHER, FLAT	AR
17	020910	WASHER, FLAT 1-1/4X1-3/4X1/16	AR
18	021180	WASHER, LOCK 3/8	10
19	023950	BOLT, HHCS 1/2-13 X 2"	1
20	025100	BOLT, HHCS 5/8-11 X 1-3/4"	2
21	027260	NUT, HEX 3/8-16	8
22	030470	BOLT, CRG 1/2-13 X 1-1/4"	6
23	032840	BOLT, CRG 3/8-16 X 3/4	6
24	037540	NUT, LOCK 1/2-13 GR5 ZN NYLON	2
25	170530	BOLT, CRG 3/8-16 X 1"	5
26	260070	SPROCKET, 60B15	1
27	260070	SPROCKET, 60B15	1
28	461780	BEARING ASSY,	3
29	475460	CHAIN	1
30	576240	MOTOR, HYD 9.6 CID	2
31	582650	SHIM, .030 DISCHARGE	AR
32	583020	BEARING, 1.25 SPLIT	2
33	583030	BRACKET WLDT,	2
34	584690	SEAL, SLINGER 1-1/4	2
35	591160	SEAL, RUBBER	2
36	591210	GATE WLDT,	1
37	591230	FLAT, SEAL	2
38	591240	SPACER, DISCHARGE	2
39	591260	PLATE, UPPER	2
40	591760	TUBE, INDICATOR	1
41	591780	ACTUATOR, 12" LINEAR	1
42	591990	ELBOW, 90° X-LONG -10 ORB X -10	1
43	592970	DOOR WLDT, LOWER	1
44	615430	FLANGETTE, 1-1/8 BRG	8
45	644910	TUBE WLDT,DIAGONAL	1
46	644970	BRACKET, LOWER DISCH.	1
47	645180	AUGER WLDT,	1
48	645350	SHIELD WLDT, LOWER	1
49	JN10212	SCREW, FLG 5/16-18 X 3/4	5
50	MP907670	FITTING, HYD 90°	1

MIDDLE DISCHARGE ASSEMBLY



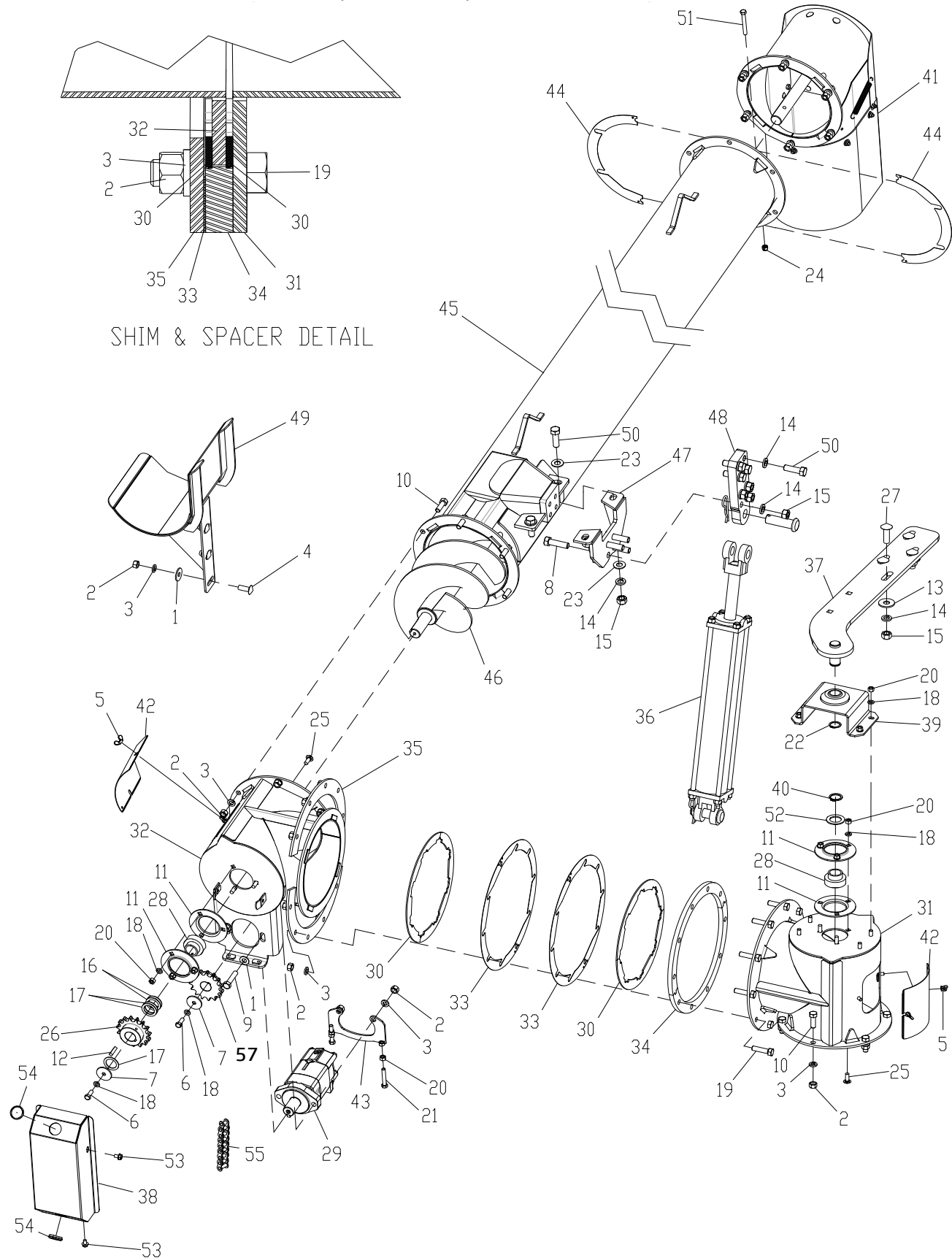
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005360	NUT, HEX 1/2-13	22
2	005370	WASHER, LOCK 1/2	22
3	006690	BOLT, HHCS 3/8-16 X 1-1/4	2
4	010730	BOLT, HHCS 1/2-13 X 1-1/4	4
5	010990	SCREW, HSSS 5/16-18 X 5/16	2
6	012260	BOLT, HHCS 3/8-16 X 1	6
7	014770	BOLT, HHCS 1/2-13 X 1-1/2	6
8	021180	WASHER, LOCK 3/8	4
9	021190	WASHER, FLAT 3/8 STD	2
10	023950	BOLT, HHCS 1/2-13 X 2	2
11	037630	BOLT, HHCS 3/8-16 X 2-1/2	2
12	073630	NUT, LOCK 3/8-16	2
13*	181570	NUT, LOCK 5/16-18 NYLON HEX	10
14	458500	SPROCKET, 60B10 1" DIA.	1
15	582300	TRANSITION WLDT, 10" DISCHARGE	1
16	582320	WASHER, HALF UHMW	4
17	582600	TUBE WLDT, VERTICAL	1
18	582670	RING, HALF, SHIM	AR
19	582680	RING, HALF, SPACER	2
20	582690	RING, HALF, CLAMPING	2
21	582900	AUGER WLDT, VERTICAL	1
22	583200	AUGER WLDT, HALF	2
23	583210	STOP WLDT, LOWER	1
24	583620	SPROCKET, HALF 60A58	2
25	584450	SHIELD WLDT, LH DISCHARGE PIVOT	1
26	584460	SHIELD WLDT, RH DISCHARGE PIVOT	1
27	584500	BRACKET WLDT, SHIELD	1
28	584930	DOOR WLDT, TRANSITION	1
29	586440	MOTOR, HYD. 20 CI DISPL. -10 SAE O-RING	1
30	586800	TENSIONER WLDT, HYD. MOTOR	1
31	587010	STOP WLDT, UPPER DISCHARGE PIVOT	1
32*	593840	TAB WLDT, UPPER FLIGHTING CLAMPING	2
33*	593860	TAB WLDT, LOWER FLIGHTING CLAMPING	2
34*	593900	FLIGHTING, RUBBER TRANSITION	2
35	1770500	BOLT, 1/2-13 X 1-3/4 GR5 ZN	8
36	JN71292	SCREW, FLG 5/16-18 X 1/2 HEX	4
37	SD200294	U-JOINT, CV 1-1/4 BORE 6 RW 50°	1
38	583640	CHAIN, ROLLER RC60 X 79 PITCH +1 CONN	1
*OPTIONAL - NOT INSTALLED AT FACTORY			

UPPER DISCHARGE ASSEMBLY

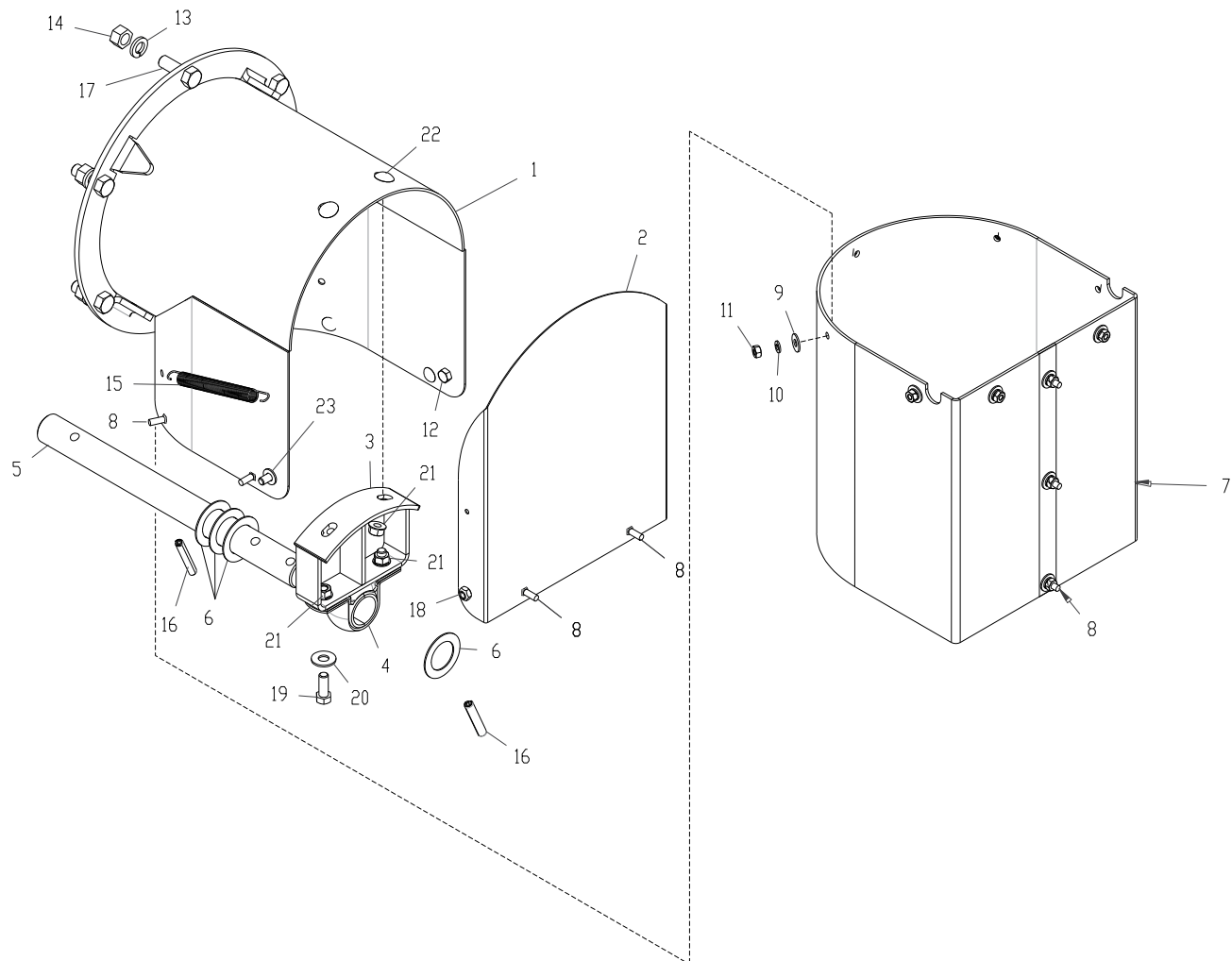


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005200	WASHER, FLAT 1/2 STD	5
2	005360	NUT, HEX 1/2-13	27
3	005370	WASHER, LOCK 1/2	27
4	156850	BOLT, CRG 1/2-13 X 1-1/2	3
5	009790	NUT, WING 5/16-18 TYPE A	4
6	012260	BOLT, HHCS 3/8-16 X 1	2
7	012270	WASHER, FLAT 3/8 STANDARD	2
8	013430	BOLT, HHCS 5/8-13 X 2-1/4	4
9	013790	BOLT, HHCS 1/2-13 X 2-1/4	2
10	014770	BOLT, HHCS 1/2-13 X 1-1/2	12
11	019150	FLANGETTE, 1-1/8 BEARING	4
12	020220	KEY, SQUARE 5/16 X 1-1/4	1
13	020430	WASHER, FLAT 5/8 STD	4
14	020440	WASHER, LOCK 5/8	14
15	020450	NUT, HEX 5/8-11	10
16	020880	WASHER, FLAT 1-1/4 X 1-3/4 X 10 GA.	2
17	020910	WASHER, FLAT 1-1/4 X 1-3/4 X 1/16	3
18	021180	WASHER, LOCK 3/8 ZN	12
19	023950	BOLT, HHCS 1/2-13 X 2	10
20	027260	NUT, HEX 3/8-16	12
21	029930	BOLT, HHCS 3/8-16 X 2-1/4 ZN	2
22	035200	RING, SNAP	1
23	035210	WASHER, FLAT 5/8 SAE	4
24	073630	NUT, LOCK 3/8-16 NYLON HEX	1
25	170530	BOLT, CRG 3/8-16 X 1	6
26	632930	SPROCKET, 60B14	2
27	452990	BOLT, CRG 5/8-11 X 2	4
28	461780	BEARING ASSEMBLY	2
29	576240	MOTOR, HYD 9.6 CID	1
30	582320	WASHER, HALF UHMW	4
31	582490	ELBOW WLDT, HEAD 10"	1

UPPER DISCHARGE ASSEMBLY, (CONTINUED)

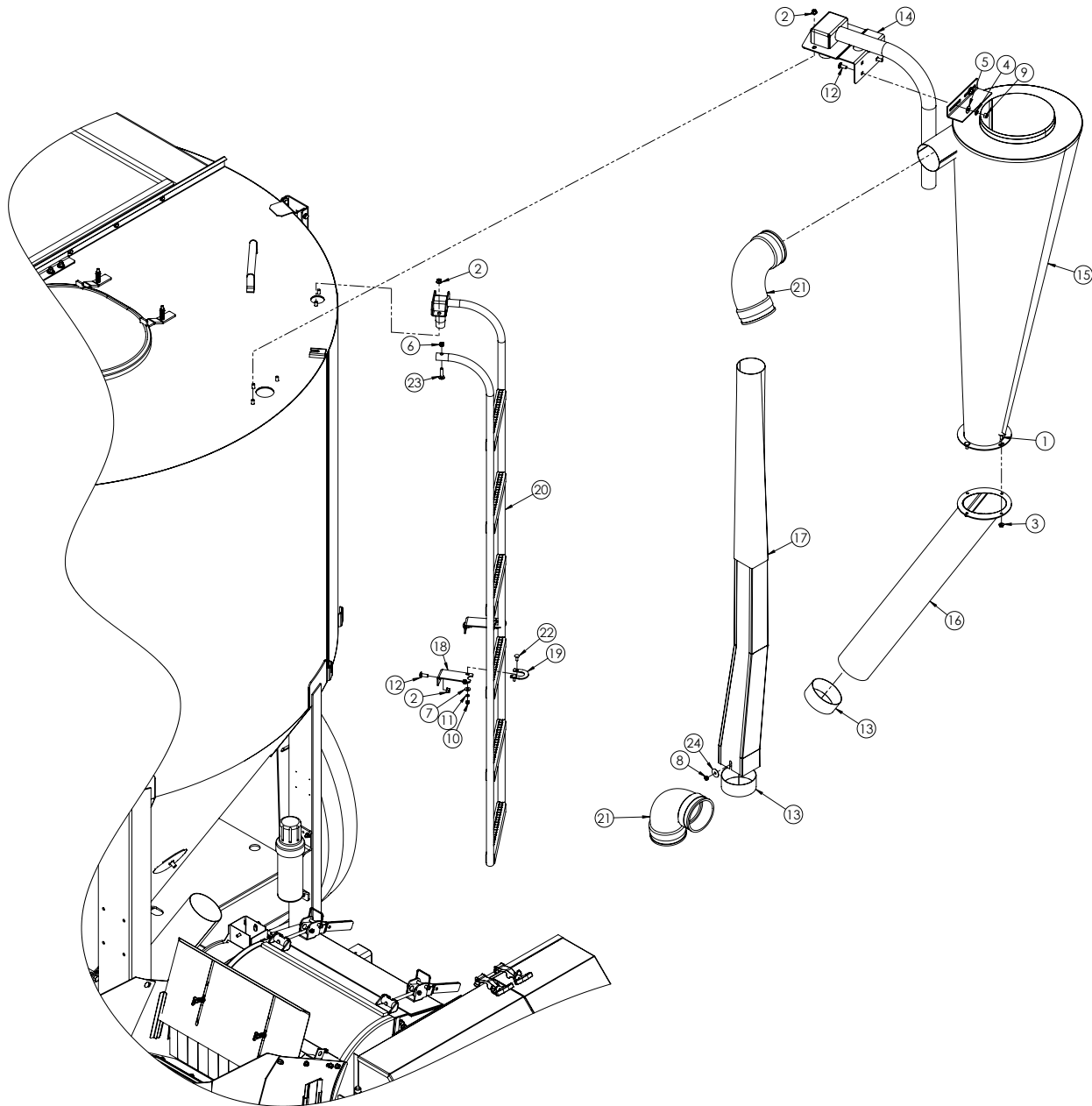


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
32	582500	ELBOW WLDT, DISCHARGE 10"	1
33	582670	RING, HALF, SHIM	AR
34	582680	RING, HALF, SPACER	2
35	582690	RING, HALF, CLAMPING	2
36	582800	CYLINDER, HYD 3 X 16	1
37	582830	BAR WLDT, UPPER	1
38	583130	SHIELD, DISCHARGE	1
39	583140	BRACKET WLDT, UPPER PIVOT	1
40	583340	RING, EXT 1.25 HD SNAP	1
41	583700	HOOD ASSY, 10"	1
42	584050	DOOR, CLEANOUT 10"	2
43	584860	BRACKET WLDT, MOTOR	1
44	586370	SHIM, HALF 10" ID .030 THICK RING	AR
45	590910	TUBE WLDT, 12' LONG DISCHARGE (DOMESTIC)	1
	582700	TUBE WLDT, 10' LONG DISCHARGE (EXPORT)	
46	590930	AUGER WLDT, 12' LONG DISCHARGE (DOMESTIC)	1
	582920	AUGER WLDT, 10' LONG DISCHARGE (EXPORT)	
47	591660	SUPPORT WLDT, ADJUSTABLE CYLINDER LUG	1
48	591690	LUG, ADJUSTABLE DISCHARGE CYLINDER	1
49	594540	SADDLE WLDT, 10" EXTENDED	1
	585810	CUSHION, RUBBER (QTY. 3 IN 594540)	-
	962040	ADHESIVE, 5 OZ. TUBE RUBBER (IN 594540)	-
50	990620	BOLT, HHCS 5/8-13 X 2	6
51	990820	BOLT, HHCS 3/8-16 X 3	1
52	I49581203	WASHER, FLAT 1-9/32 X 2 X .105	1
53	JN71292	SCREW, FLG 5/16-18 X 1/2 HEX	4
54	SD205165	PLUG, 1-3/8 X .35	2
55	584090	CHAIN, ROLLER RC60 X 36 PITCH +1 CONN	1
56	020180	NUT, FLANGE LOCK 3/8-16	4
57	645590	SPROCKET, 60B16 1.25" BORE	1

HOOD ASSEMBLY

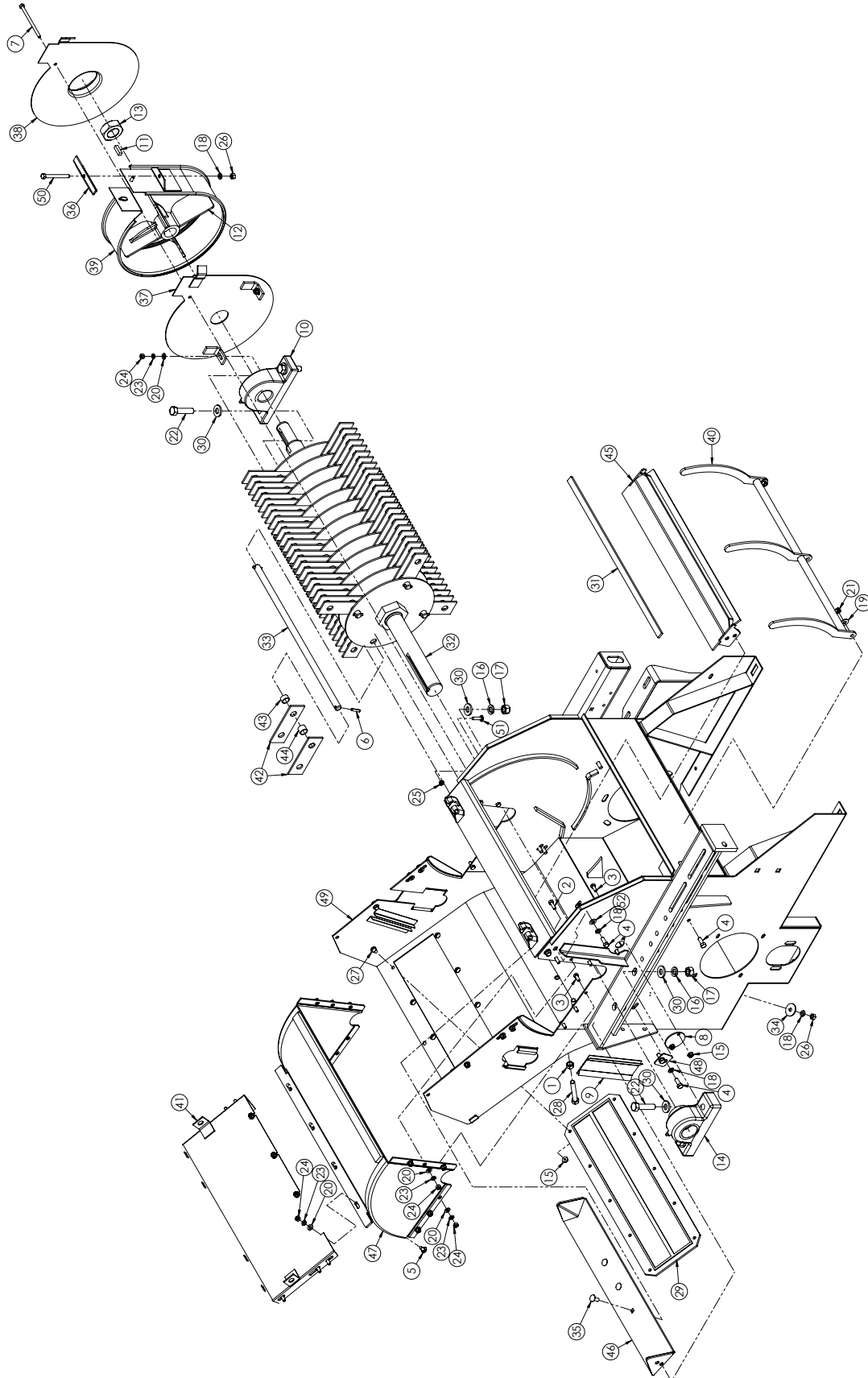
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	583710	HOOD WLDT, 10"	1
2	583740	DOOR, 10" HOOD	1
3	583030	BRACKET WLDT, BEARING	1
4	583020	BEARING, 1-1/4 SPLIT WOOD	1
5	583690	SHAFT, COUPLER	1
6	I608700R1	WASHER, FLAT 1.28 X 2.00 X .054	4
7	583750	FLAP, RUBBER SPOUT	1
8	E096029	BOLT, CRG 1/4-20 X 3/4	10
9	023260	WASHER, FLAT 1/4 STD	10
10	029440	WASHER, LOCK 1/4 SAE	10
11	027660	NUT, HEX 1/4-20 GR5 ZN	10
12	006880	BOLT, HHCS 5/16-18 X 5/8	2
13	005370	WASHER, LOCK 1/2 ZN	6
14	005360	NUT, HEX 1/2-13 ZN	6
15	100750	SPRING, EXTENSION	2
16	I43812432	PIN, .375 X 2 SLIT SPRING HVY	2
17	014770	BOLT, HHCS 1/2-13 X 1-1/2	5
18	025670	NUT, LOCK 5/16-18 HEX	2
19	012260	BOLT, HHCS 3/8-16 X 1	2
20	021190	WASHER, FLAT 3/8 STD	2
21	020180	NUT, LOCK 3/8-16 HEX FLG	4
22	032840	BOLT, CRG 3/8-16 X 3/4	2
23	022920	WASHER, FLAT 5/16 STD	2

AIR SYSTEM ASSEMBLY



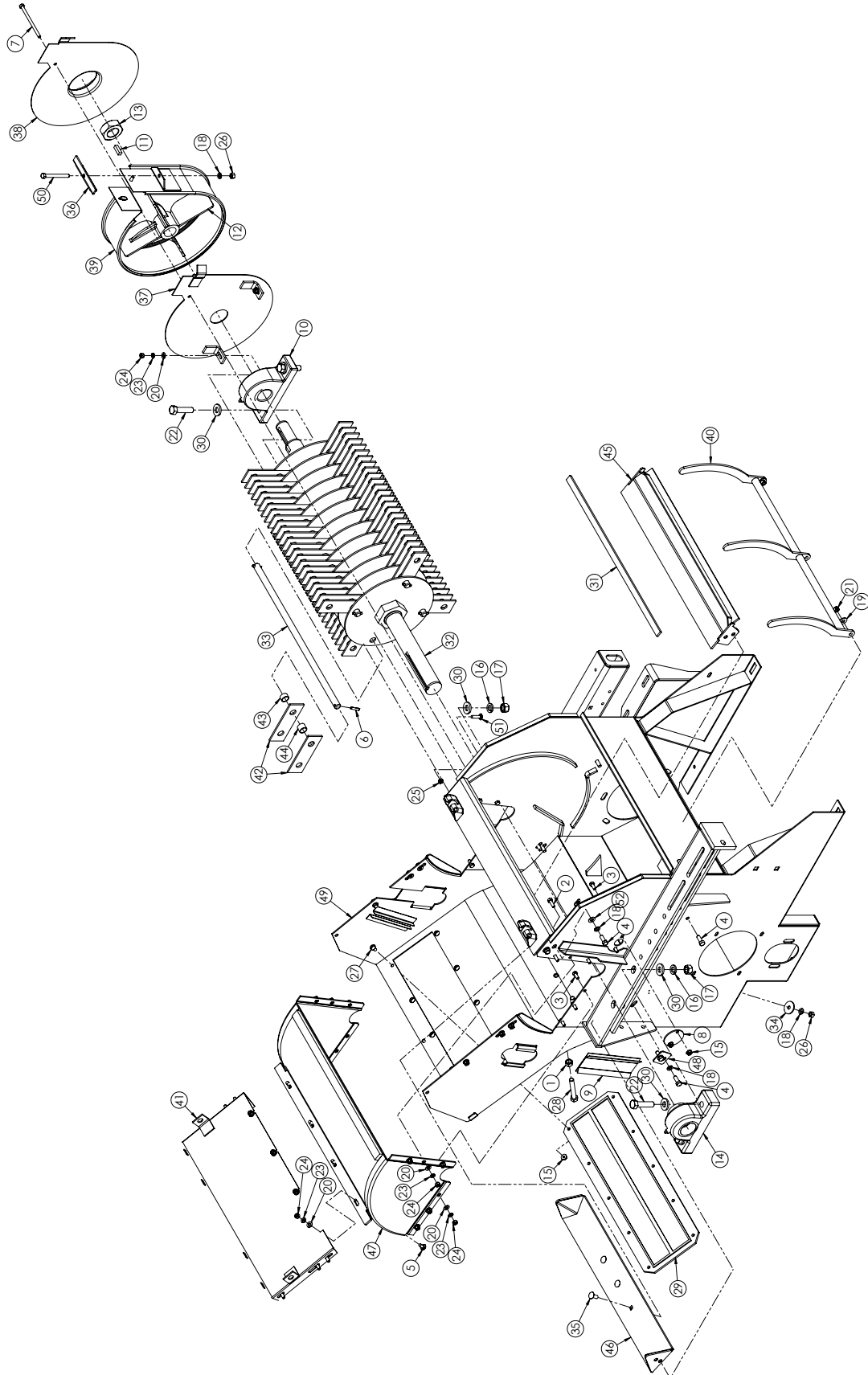
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	012410	BOLT, CRG 5/16-18X3/4	6
2	020180	NUT, LOCK 3/8-16 FLG	7
3	020190	NUT, LOCK 5/16-18 FLG	10
4	021180	WASHER, LOCK 3/8	10
5	021190	WASHER, FLAT 3/8 STD	7
6	023060	NUT, LOCK 3/8-16 2 WAY	1
7	023260	WASHER, FLAT 1/4 STD	4
8	025670	NUT, LOCK 5/16-18	4
9	027260	NUT, HEX 3/8-16	9
10	027660	NUT, HEX 1/4-20	4
11	029440	WASHER, LOCK 1/4 SAE	4
12	170530	BOLT, CRG 3/8-16 X 1"	11
13	254160	BAND, RUBBER	2
14	584110	BRACKET WLDT,	1
15	584140	CYCLONE WLDT, DUST	1
16	584180	TUBE WLDT, LOWER	1
17	584210	PIPE WLDT, VERTICAL	1
18	590960	BRACKET, INNER	2
19	590970	BRACKET, OUTER	2
20	626730	LADDER WLDT, GM	1
21	644450	ELBOW, RUBBER 4" W/ CLAMPS	2
22	E096029	BOLT, CRG 1/4-20 X 3/4	4
23	J03H1558	BOLT, CRG 3/8-16 X 1-1/2	1
24	MP300439B1	WASHER, FENDER 5/16	2

HAMMERMILL ASSEMBLY

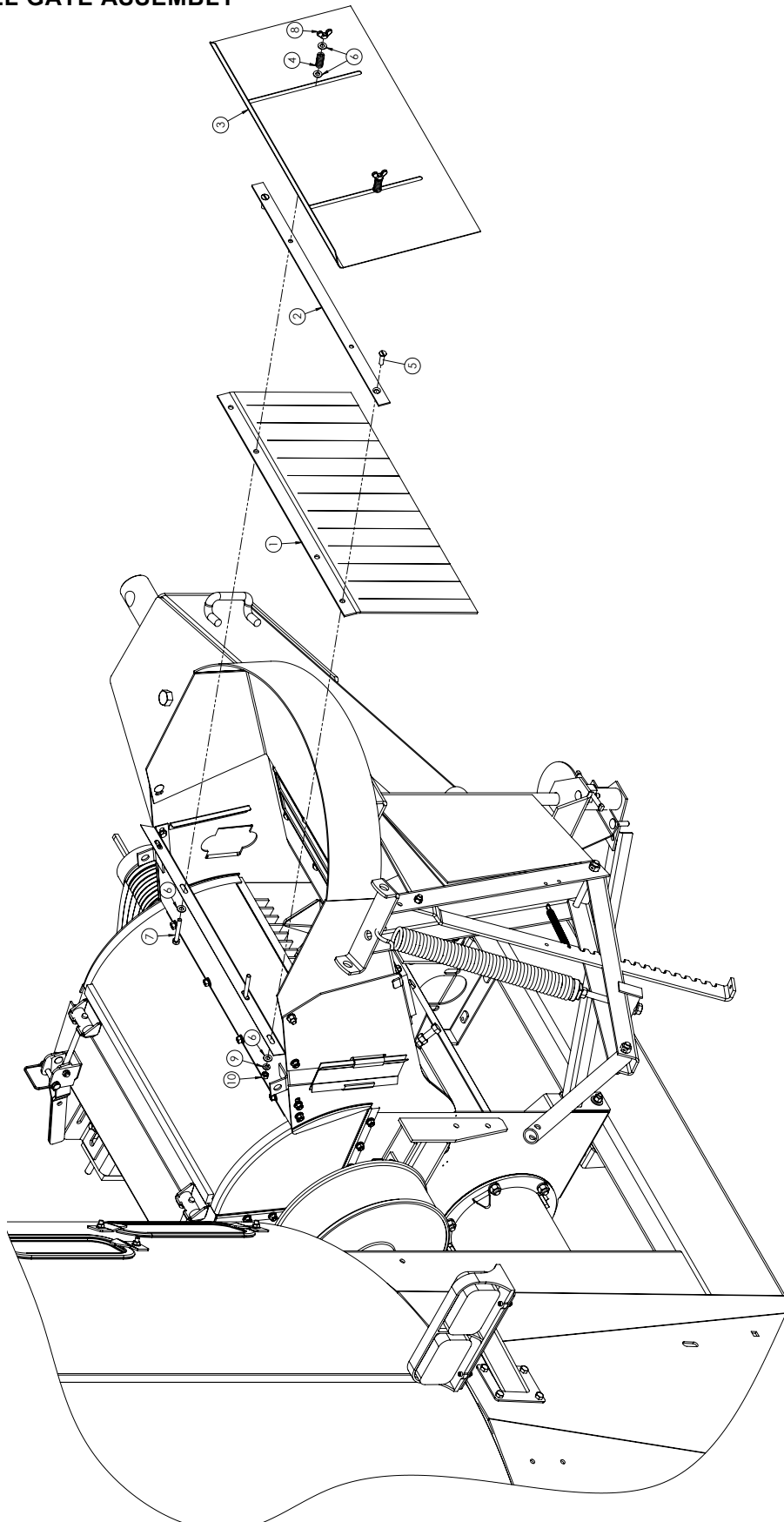


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005360	NUT, HEX 1/2-13	4
2	005900	BOLT, HHCS 5/16-18 X 1"	2
3	012140	BOLT, HHCS 5/16-18 X 3/4	18
4	012260	BOLT, HHCS 3/8-16 X 1	10
5	012410	BOLT, CRG 5/16-18X3/4	4
6	012550	PIN, EXPANSION	8
7	012820	HBOLT 0.3125-18X1X0.875-N	1
8	012920	PLATE, HAMMER	1
9	013360	SLIDE ASSY	2
10	013420	PB BEARING, 2.0 BORE	1
11	013510	KEY, SQ 3/8 X 1.25	1
12	013520	FAN, BLOWER	1
13	013530	NUT, JAM 1 1/2-12	1
14	013950	PB BEARING, 2.0 W/LC	1
15	020190	NUT, LOCK 5/16-18 FLG	12
16	020440	WASHER, LOCK 5/8	4
17	020450	NUT, HEX 5/8-11	4
18	021180	WASHER, LOCK 3/8	12
19	021190	WASHER, FLAT 3/8 STD	2
20	022920	WASHER, FLAT 5/16 STD	30
21	023060	NUT, LOCK 3/8-16 2 WAY	2
22	023110	BOLT, HHCS 5/8-11 X 2-1/2	4
23	023620	WASHER, LOCK 5/16	24
24	023630	NUT, HEX 5/16-18	24
25	025670	NUT, LOCK 5/16-18	1
26	027260	NUT, HEX 3/8-16 GR5	4
27	028230	SCREW, THMS 5/16-18	10
28	034650	BOLT, HHCS 1/2-13 X 3-1/2	4

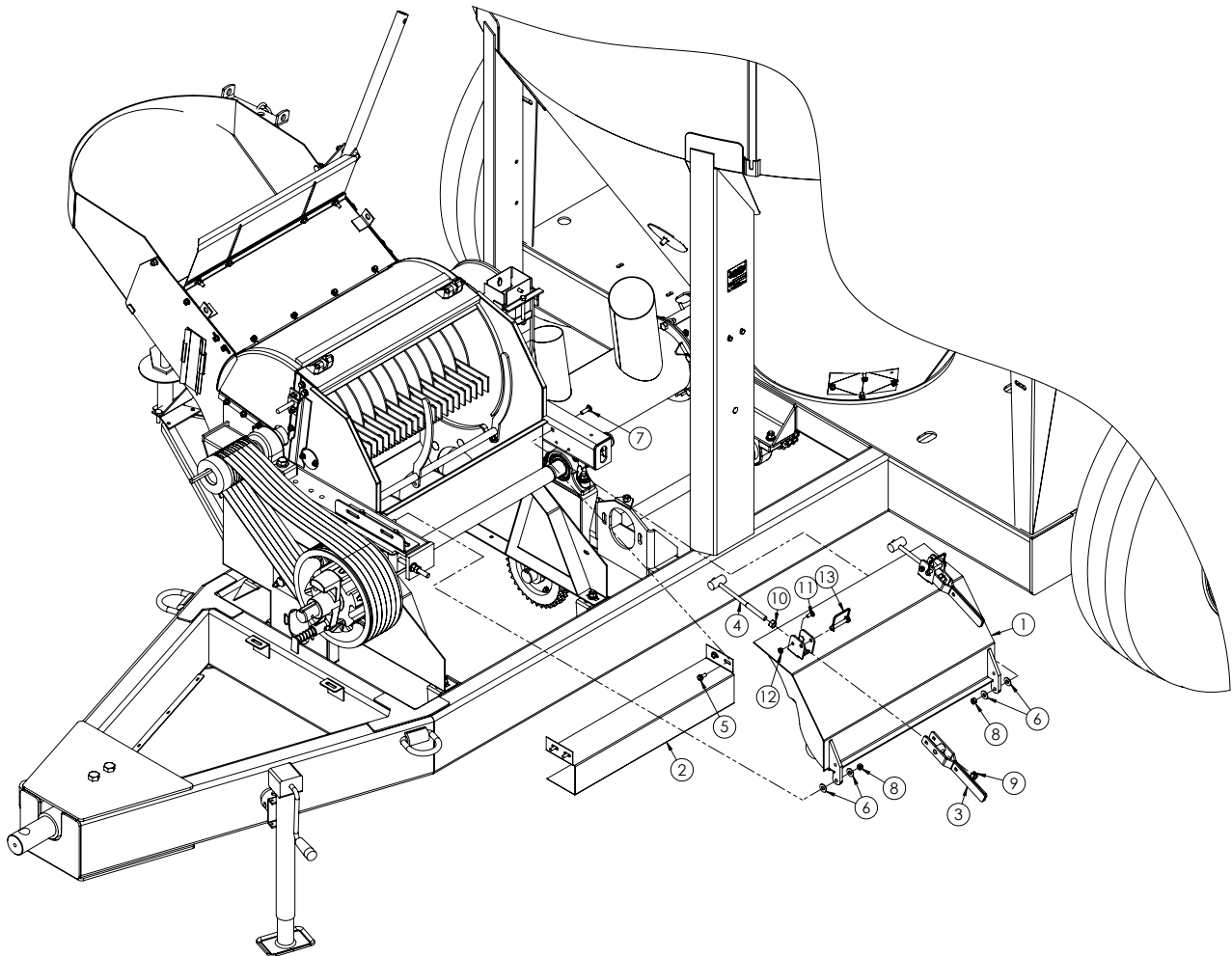
HAMMERMILL ASSEMBLY, (CONTINUED)



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
29	113270	MAGNET, 24"	1
30	127920	FW .656 X 1.38 X .179	8
31	157670	STRIP, SEALING	1
32	157830	SHAFT ASSY, 26" ROTOR	1
33	157840	PIN, HAMMERMILL 3/4 X 23 1/2	4
34	169280	WASHER, FLAT, 13/32X1.5X.13	3
35	170530	BOLT, CRG 3/8-16 X 1"	3
36	170970	CLAMP, PULL DOWN	1
37	170980	SIDE PLATE WLDT, FRONT	1
38	170990	SIDE PLATE WLDT, REAR	1
39	171000	WRAPPER WLDT,	1
40	362690	SUPPORT WLDT,	1
41	362770	COVER WLDT,	1
42	581700	HAMMER KNIFE,	96
43	581710	SPACER, SPLIT .50	48
44	581720	SPACER, SPLIT .69	48
45	591420	PLATE WLDT, UPPER	1
46	591460	PLATE WLDT, LOWER	1
47	591880	HOOD WLDT, 26" MILL	1
48	592560	PLATE, COVER	2
49	644710	HOUSING WLDT, 26"HM	1
50	990870	BOLT, HHCS 3/8-16 X 3 1/2"	1
51	1111267	RHSSNBOLT 0.3125-18X1X1	2
52	1120394	WASHER, FLAT 3/8 SAE	4

HAMMERMILL GATE ASSEMBLY

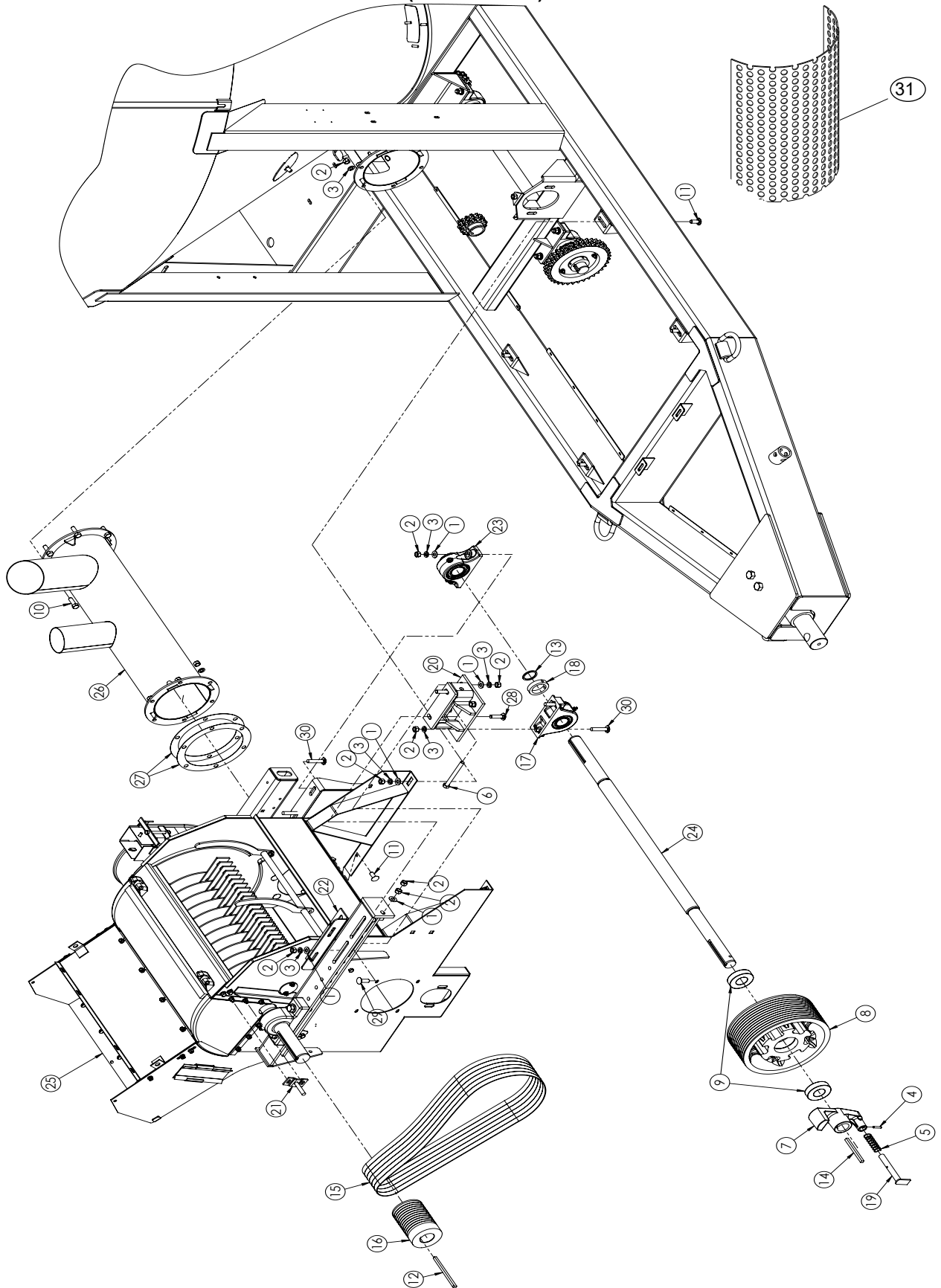
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	158970	FLAP, THROAT	1
2	158960	STRAP, THROAT	1
3	158980	PLATE, LARGE	1
4	013080	SPRING, COMP.	2
5	033080	SCREW, FCHMS 5/16	2
6	022920	WASHER, FLAT 5/16 STD	9
7	009800	BOLT, HHCS 5/16-18 X 2 1/2	2
8	009790	NUT, WING 5/16-18	2
9	023620	WASHER, LOCK 5/16	3
10	023630	NUT, HEX 5/16-18	3

HAMMERMILL DOOR ASSEMBLY

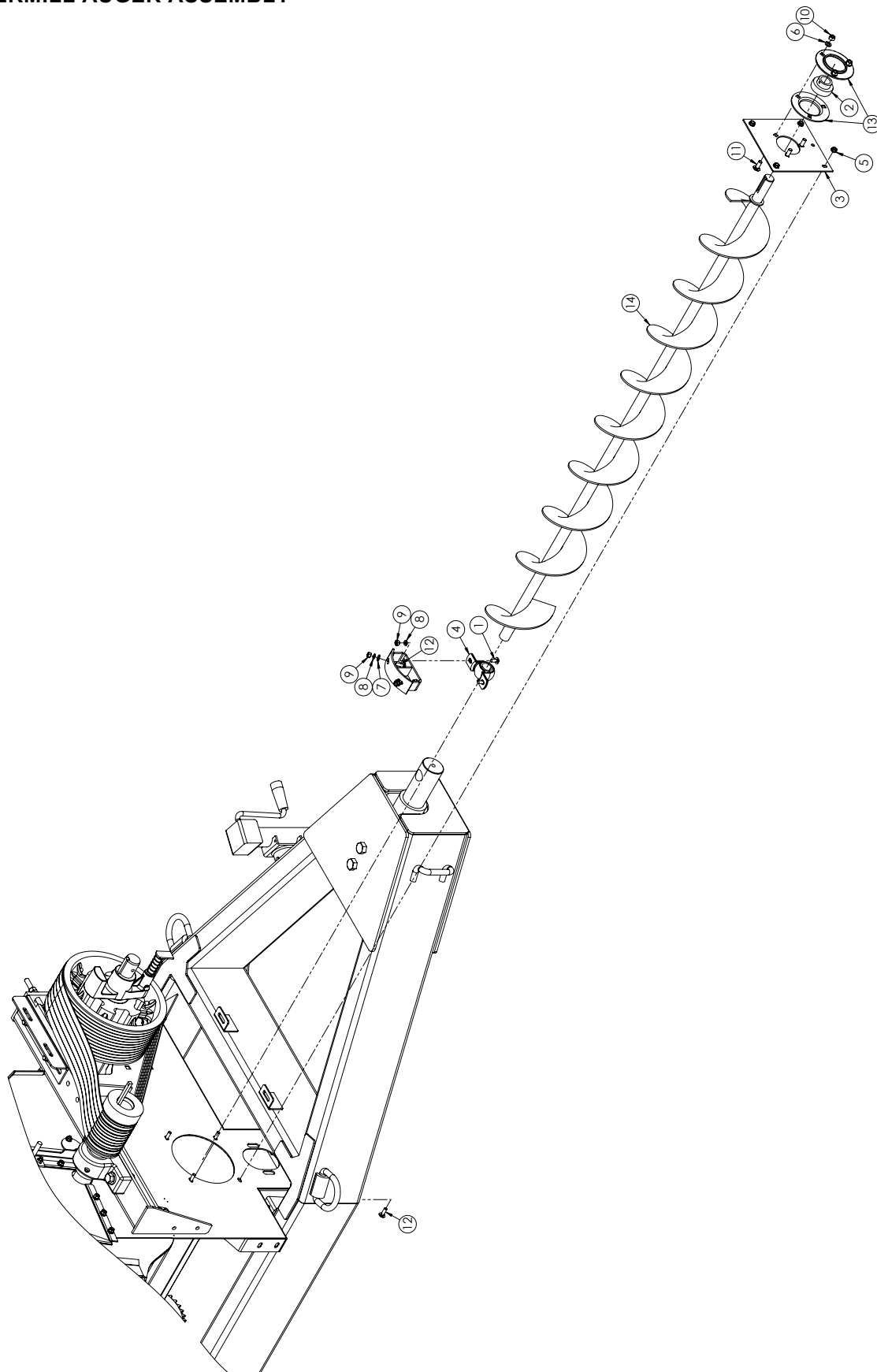
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	362610	DOOR WLDT, 26" HAMMERMILL	1
2	365820	SHIELD, JACK SHAFT	1
3	151920	HANDLE, LOCKING WLDT	2
4	127860	T-BAR HANDLE WLDT	2
5	JN10212	SCREW, FLG 5/16-18 X 3/4"	4
6	021190	WASHER, FLAT 3/8 STD	8
7	035180	BOLT, CRG 3/8-16 X 1-1/4"	1
8	023060	NUT, LOCK 3/8-16 2 WAY	4
9	127890	NUT, LOCK 1/2-13	4
10	005360	NUT, HEX 1/2-13	3
11	012410	BOLT, CRG 5/16-18X3/4"	5
12	025670	NUT, LOCK 5/16-18	4
13	143710	PIN, SNAPPER	2

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005200	WASHER, FLAT 1/2 STD	15
2	005360	NUT, HEX 1/2-13	30
3	005370	WASHER, LOCK 1/2	28
4	012550	PIN, EXPANSION	1
5	013580	SPRING, COMPRESSION	1
6	013800	BOLT, HHCS 1/2-13 X 5	1
7	013860	CLUTCH, HAMMERMILL	1
8	013873	PULLEY, MACHINED	1
9	013930	BEARING, ADAPTER	2
10	014770	BOLT, HHCS .50-13X1.50	6
11	030470	BOLT, CRG 1/2-13 X 1-1/4"	10
12	110390	KEY, TAPERED	1
13	126940	WASHER, FLAT	1
14	151280	KEY, SQUARE 3/8 X 5	1
15	159070	BELT SET, 3V X 670.6 DBL	1
16	165500	PULLEY, 12-GROOVE	1
17	165730	BEARING, PB 1-5/8"	1
18	165740	COLLAR, LOCK 1-5/8 BRG	1
19	241570	PIN WLDT, LOCKING	1

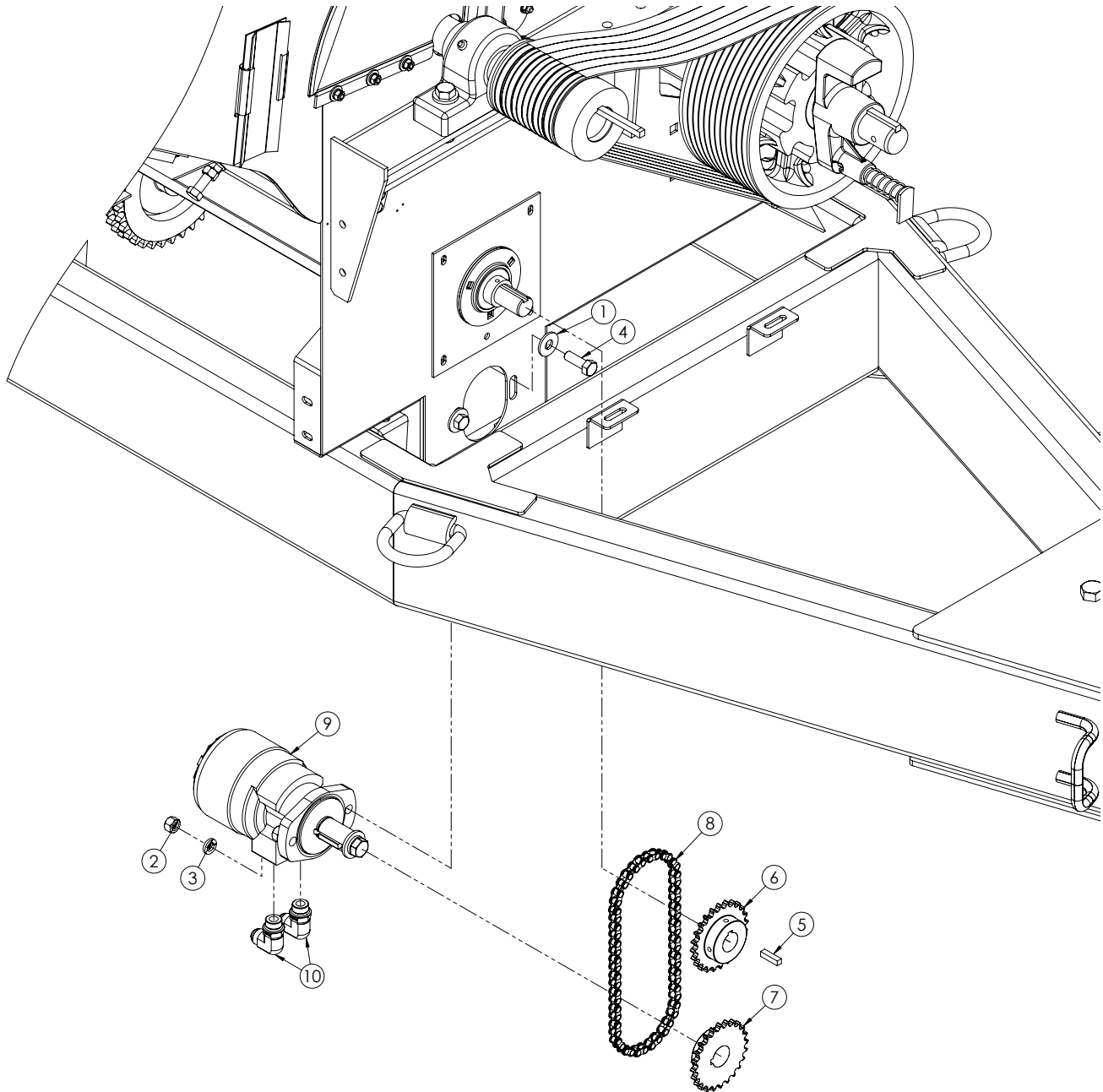
HAMMERMILL MOUNTING & JACKSHAFT (CONTINUED)



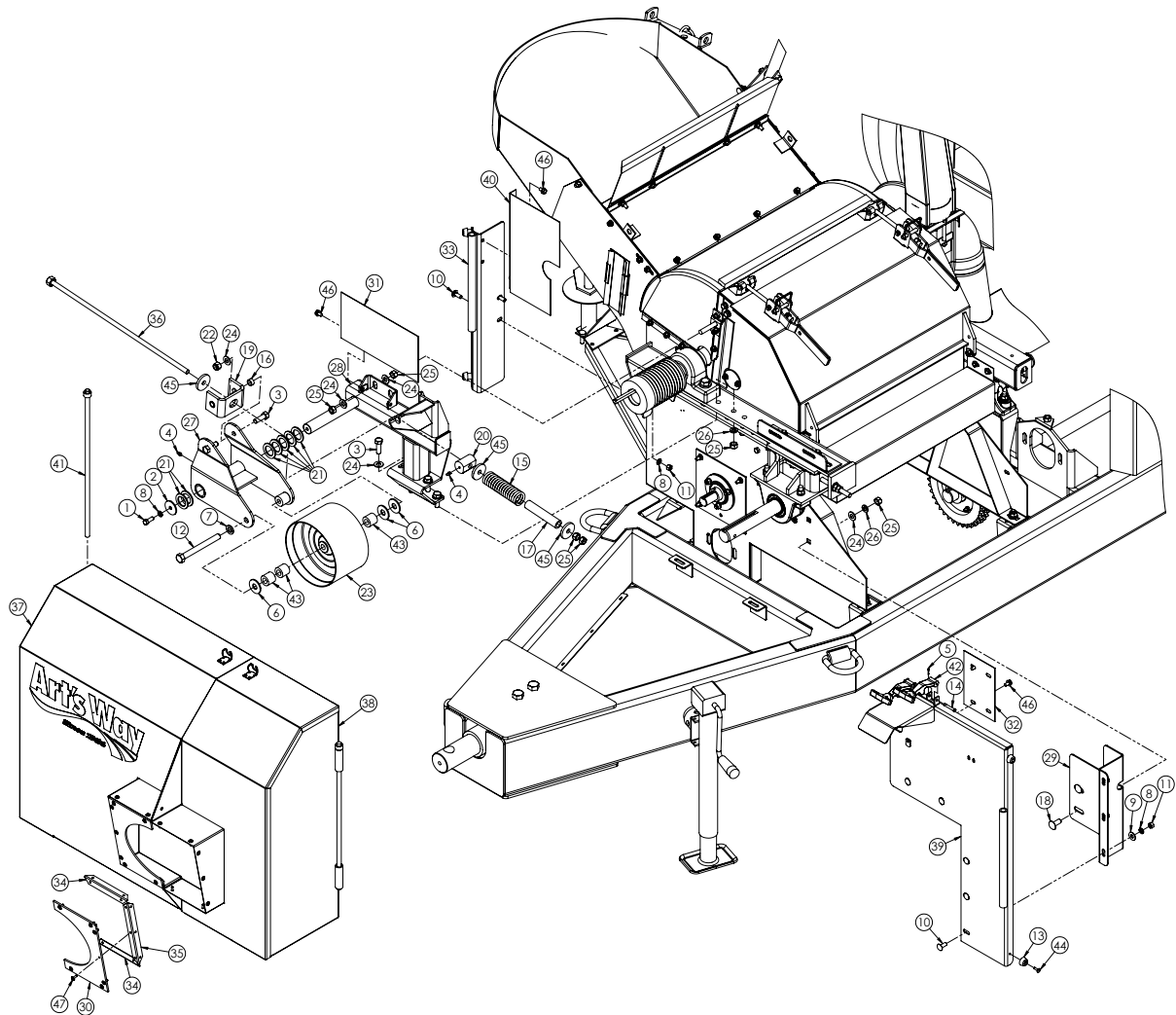
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
20	470410	SUPPORT, BEARING	1
21	581290	ROD WLDT, UPPER	1
22	583540	ANGLE, SHIELD	1
23	626420	BEARING, PB HD 1-3/4"	1
24	626540	JACKSHAFT, HM	1
25	644700	HAMMERMILL ASSY, 26"	1
26	645020	TUBE WLDT, MILL	1
27	645060	SHIM, FLANGE 8"	AR
28	991200	BOLT, CRG 1/2-13 X 2	6
29	E096046	BOLT, CRG 1/2-13 X 1-1/2	2
30	J03H1593	BOLT, CRG 1/2-13 X 2-1/2	4
31	157700	SCREEN, HAMMERMILL – 1/8"	-
	187630	SCREEN, HAMMERMILL – 5/32"	-
	157710	SCREEN, HAMMERMILL – 3/16"	-
	157720	SCREEN, HAMMERMILL – 1/4"	-
	157730	SCREEN, HAMMERMILL – 5/16"	-
	157740	SCREEN, HAMMERMILL – 3/8"	-
	157750	SCREEN, HAMMERMILL – 1/2"	-
	157760	SCREEN, HAMMERMILL – 5/8"	-
	157770	SCREEN, HAMMERMILL – 3/4"	-
	157780	SCREEN, HAMMERMILL – 1" (SHOWN)	-
	157790	SCREEN, HAMMERMILL – 1-1/4"	-
	157800	SCREEN, HAMMERMILL – 1-1/2"	-
	157810	SCREEN, HAMMERMILL – 2"	-

HAMMERMILL AUGER ASSEMBLY

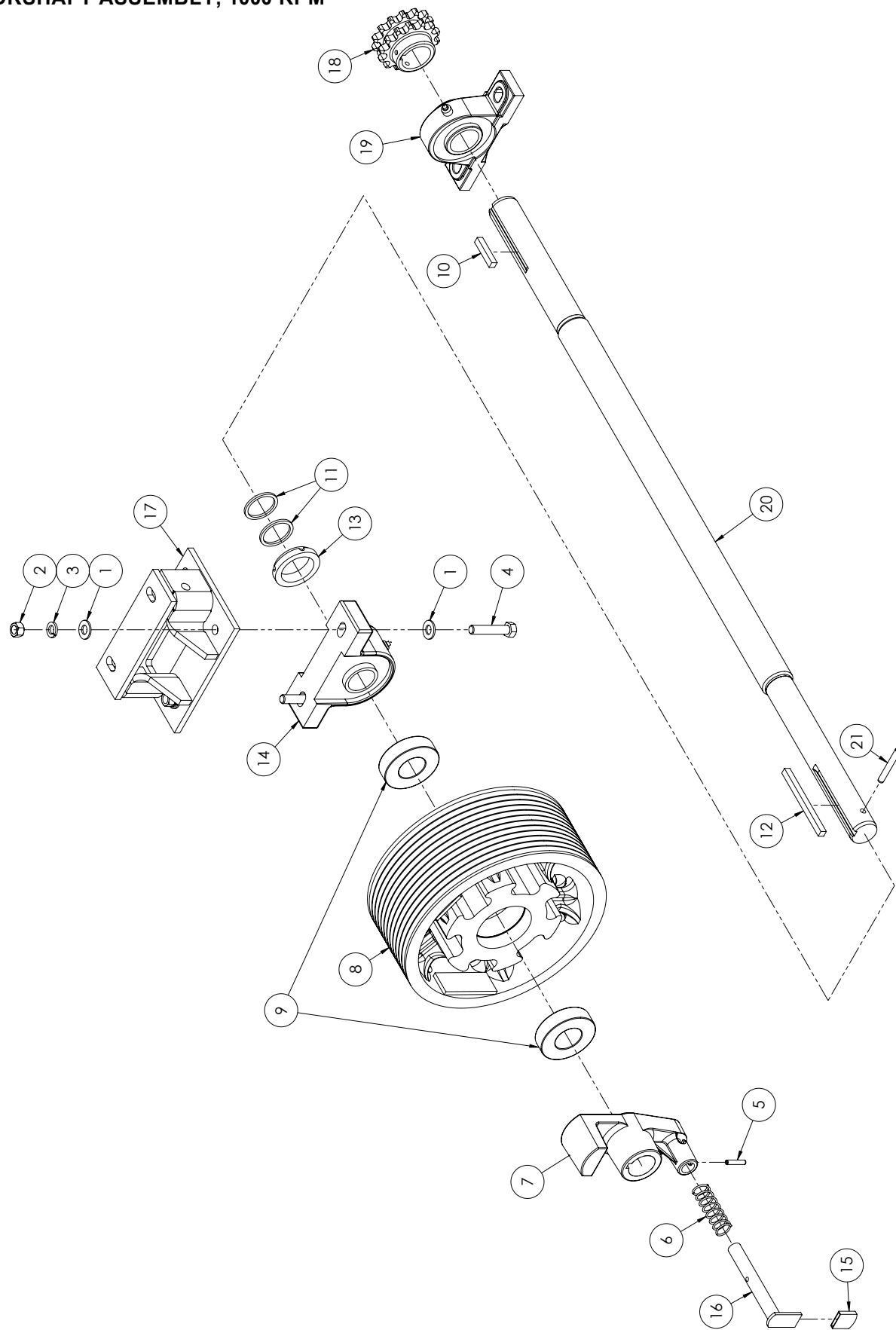
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	012410	BOLT, CRG 5/16-18X3/4	8
2	108850	BEARING ASSY,	2
3	128040	PLATE, HOLE COVER	2
4	165030	BEARING, 1.12 SPLIT	2
5	020190	NUT, LOCK 5/16-18 FLG	28
6	021180	WASHER, LOCK 3/8	8
7	022920	WASHER, FLAT 5/16 STD	4
8	023620	WASHER, LOCK 5/16	8
9	023630	NUT, HEX 5/16-18	8
10	027260	NUT, HEX 3/8-16 GR5	8
11	170530	BOLT, CRG 3/8-16 X 1"	6
12	254060	BOLT, CRG 5/16-18 X 1"	8
13	615430	FLANGETTE, 1-1/8 BRG	4
14	645140	AUGER WLDT, MILL	1

HAMMERMILL AUGER DRIVE ASSEMBLY

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005200	WASHER, FLAT 1/2 STD	2
2	005360	NUT, HEX 1/2-13	2
3	005370	WASHER, LOCK 1/2	2
4	014770	BOLT, HHCS .50-13X1.50	2
5	020220	KEY, SQUARE 5/16 X 1-1/4	1
6	021860	SPROCKET, 40B24	1
7	529140	SPROCKET, 40B24	1
8	576230	CHAIN, ROLLER RC40	1
9	645080	MOTOR, INLET	1
10	MP907670	FITTING, HYD 90°	2

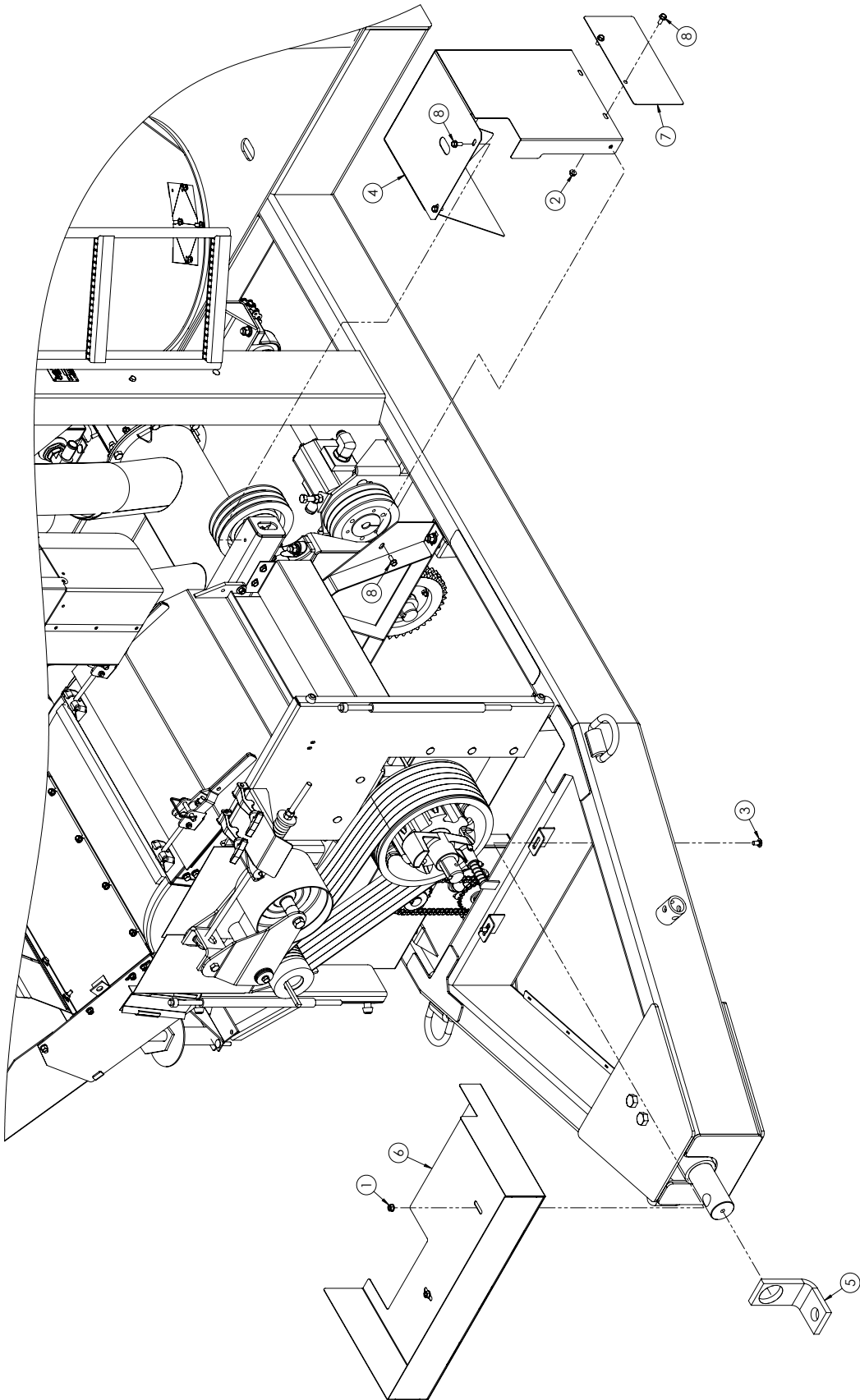
HAMMERMILL SHIELDS ASSEMBLY, 1000 RPM

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	012260	BOLT, HHCS 3/8-16 X 1	1
2	012270	WASHER, FLAT	1
3	014770	BOLT, HHCS .50-13X1.50	6
4	115590	FITTING, GREASE	2
5	116820	PIN, COTTER 1/16 X 3/4	2
6	020430	WASHER, FLAT 5/8 STD	3
7	020440	WASHER, LOCK 5/8	1
8	021180	WASHER, LOCK 3/8	10
9	021190	WASHER, FLAT 3/8 STD	7
10	170530	BOLT, CRG 3/8-16 X 1"	11
11	027260	NUT, HEX 3/8-16 GR5	9
12	201660	BOLT, HHCS 5/8-11 X 6" GR5 ZN	1
13	212510	BUMPER, RUBBER	4
14	215800	PIN, CLEVIS 1/4 X 1 5/8	2
15	231000	SPRING, COMPRESSION	1
16	231030	SPACER	2
17	231050	SPACER, SPRING	1
18	030470	BOLT, CRG 1/2-13 X 1-1/4"	2
19	251010	BRACKET, SPRING	1
20	251020	GUIDE,	1
21	275880	BUSHING, MACH	7
22	037540	NUT, LOCK 1/2-13 GR5 ZN NYLON	2
23	440210	SHEAVE, IDLER	1
24	005200	WASHER, FLAT 1/2 STD	10
25	005360	NUT, HEX 1/2-13	10
26	005370	WASHER, LOCK 1/2	6
27	581100	BRACKET WLDT, IDLER	1
28	581150	MOUNT WLDT, IDLER	1
29	581870	PLATE, MTG MAIN	1
30	581930	GUARD, RUBBER PTO	2
31	581980	SHIELD WLDT, FILLER	1
32	582010	SHIELD, FILLER LH	1
33	582020	MOUNT WLDT, RH	1
34	584430	ANGLE, BACKING	4
35	584440	ANGLE, BACKING	2
36	586700	ROD WLDT, TAKE-UP 22"	1
37	617420	SHIELD WLDT, RH	1
38	617450	SHIELD WLDT, LH	1
39	625720	MOUNT WLDT, LH	1
40	626480	SHIELD, FILLER RH	1
41	626650	PIN WLDT, DOOR	2
42	643133	LATCH, RUBBER	2
43	E126195	BUSHING	3
44	G146805	RIVET, 3/16	2
45	I486801R1	WASHER, FLAT 1/2	3
46	JN71292	SCREW, FLG 5/16-18 X 1/2	6
47	MP904602	RIVET, POP .188	28

JACKSHAFT ASSEMBLY, 1000 RPM

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005200	WASHER, FLAT 1/2 STD	4
2	005360	NUT, HEX 1/2-13	2
3	005370	WASHER, LOCK 1/2	2
4	007080	BOLT, HHCS 1/2-13 X 2-1/2	2
5	012550	PIN, EXPANSION	1
6	013580	SPRING, COMPRESSION	1
7	013860	CLUTCH, HAMMERMILL	1
8	013870	PULLEY WLDT, 12.3"	1
9	013930	BEARING, ADAPTER	2
10	021530	KEY, SQUARE 3/8 X 2	1
11	126940	WASHER, FLAT	2
12	151280	KEY, SQUARE 3/8 X 5	1
13	165720	COLLAR, LOCK-REWORK	1
14	165730	PB BEARING, 1-5/8 W/O LC	1
15	204430	BAG, PLASTIC 10X12	1
16	241570	PIN WLDT, LOCKING	1
17	470410	SUPPORT, BEARING	1
18	626400	SPROCKET, D60B14	1
19	626420	BEARING, PB 1-3/4"HD	1
20	626540	JACKSHAFT, HM	1
21	MP01.74170	PIN, SPIROL 5/16 X 2-1/2	1
*	395190	CHAIN, ROLLER RC60-2 X 84 PITCH	1

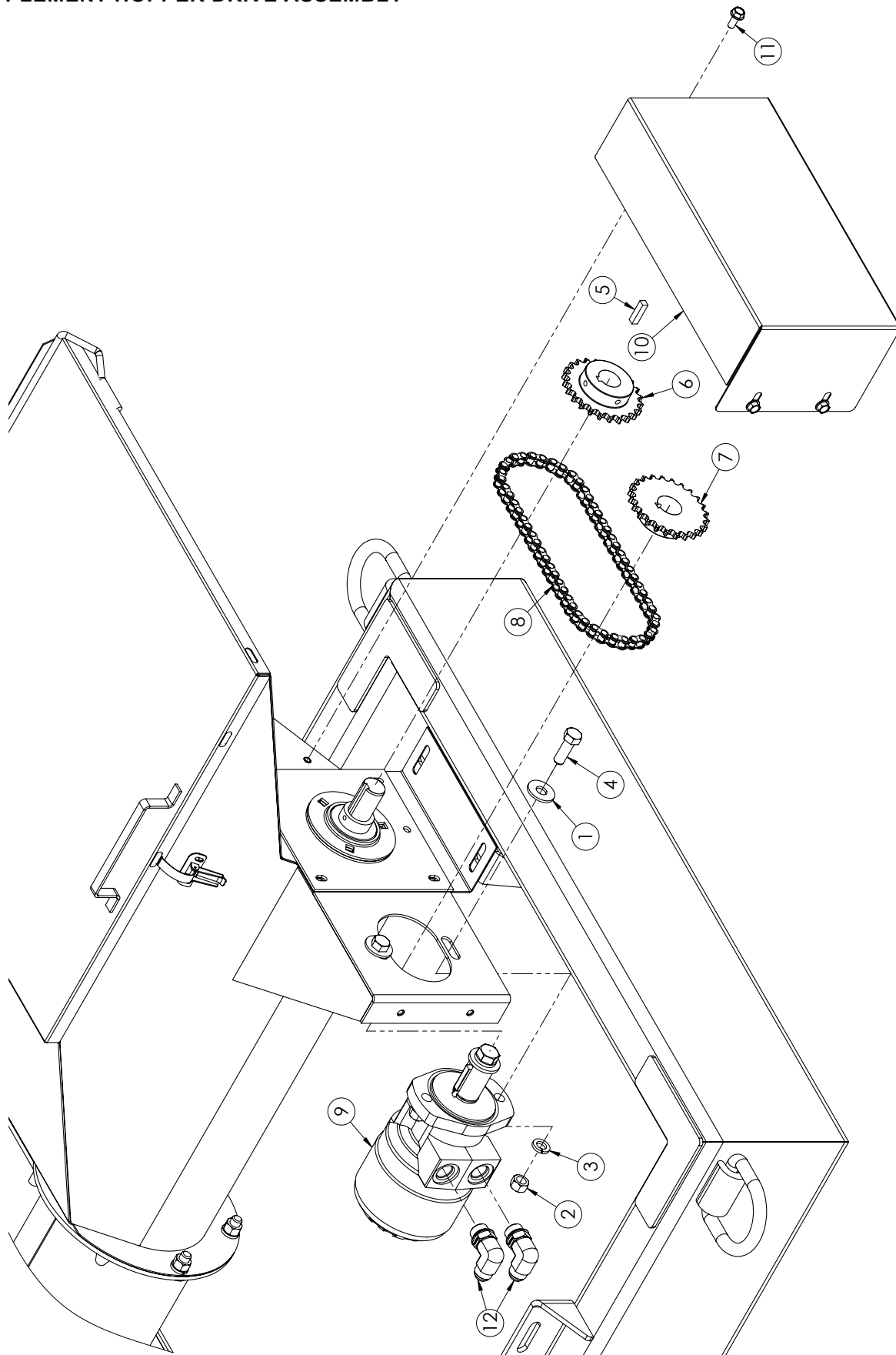
SHIELDS



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	020180	NUT, LOCK 3/8-16 FLG	9
2	020190	NUT, LOCK 5/16-18 FLG	18
3	032840	BOLT, CRG 3/8-16 X 3/4	8
4	614150	SHIELD WLDT, CTR	1
5	645240	CLEVIS, 2-1/2" HITCH	1
6	645340	SHIELD WLDT, LOWER	1
7	645410	PLATE, FILLER	1
8	JN10212	SCREW, FLG 5/16-18 X 3/4	10

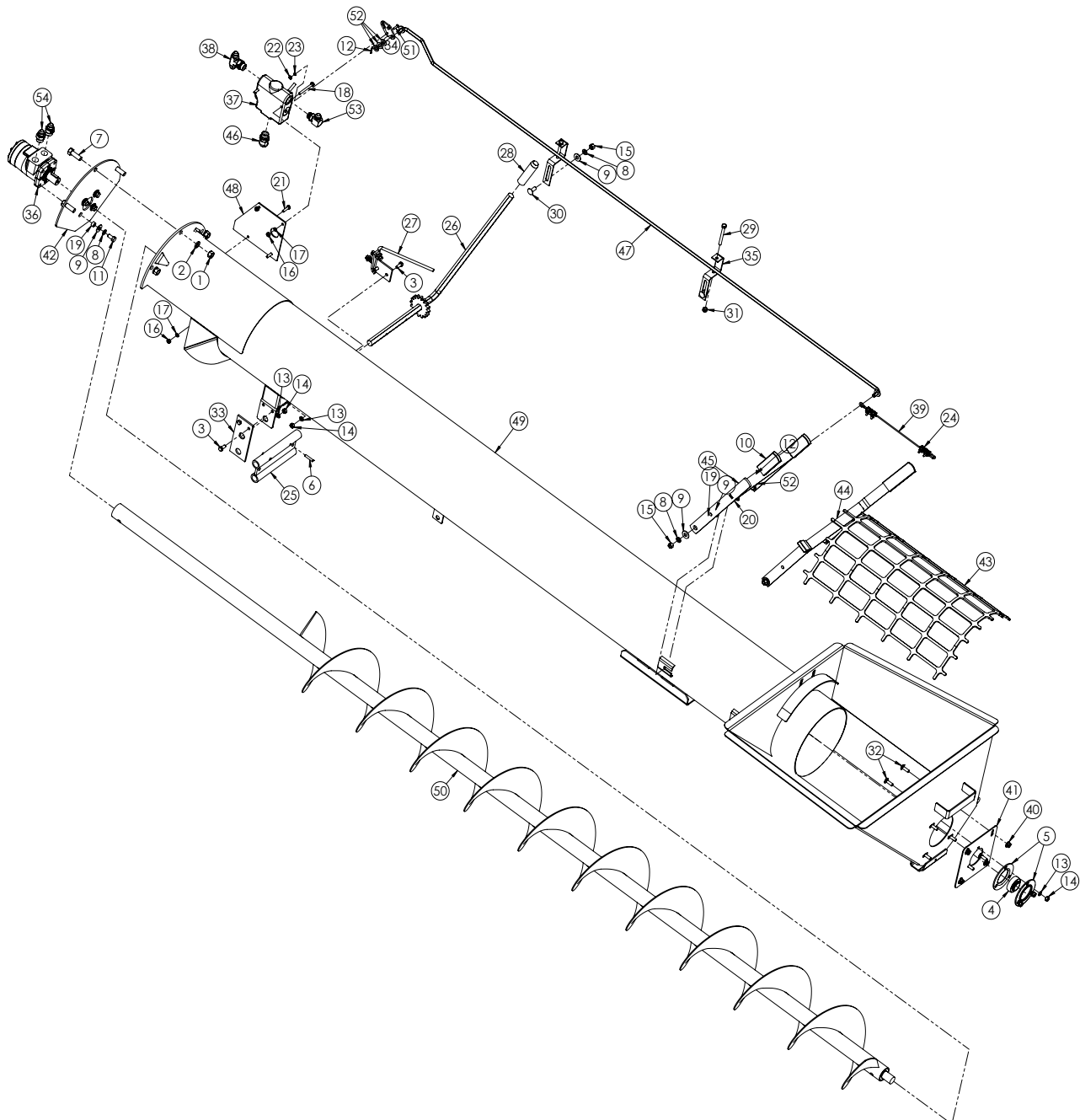
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	003450	COTTER PIN, 3/16 X 1-1/4	2
2	005360	NUT, HEX 1/2-13	5
3	005370	WASHER, LOCK 1/2	5
4	012410	BOLT, CRG 5/16-18X3/4	8
5	020190	NUT, LOCK 5/16-18 FLG	28
6	021180	WASHER, LOCK 3/8	8
7	021190	WASHER, FLAT 3/8 STD	10
8	022920	WASHER, FLAT 5/16 STD	4
9	023270	NUT, LOCK 1/4-20 FLG	2
10	023620	WASHER, LOCK 5/16	8
11	023630	NUT, HEX 5/16-18	8
12	027260	NUT, HEX 3/8-16 GR5	8
13	030470	BOLT, CRG 1/2-13 X 1-1/4"	3
14	108850	BEARING ASSY,	2
15	120590	NUT, HEX 10-24 GR2 ZN	2
16	120600	WASHER, LOCK #10 X 21/64 X 3/6	2
17	126540	LID WLDT,	1
18	128040	PLATE, HOLE COVER	2
19	165020	BRACKET WLDT,	2
20	165030	BEARING, 1.12 SPLIT	2
21	170530	BOLT, CRG 3/8-16 X 1"	6
22	254060	BOLT, CRG 5/16-18 X 1"	8
23	615430	FLANGETTE, 1-1/8 BRG	4
24	645160	AUGER WLDT, SUPP.	1
25	645430	CUTTER, SACK, HOPPER	1
26	645440	GRATE, HOPPER	1
27	645450	ROD, GRATE	1
28	645460	HOPPER WLDT, SUPP,	1
29	E096029	BOLT, CRG 1/4-20 X 3/4	2
30	I159920	SCREW, PHMS 10-24 X 1/2"	2
31	I669184R1	CLAMP, SHIELD	1
32	J03H1558	BOLT, CRG 3/8-16 X 1-1/2	2

SUPPLEMENT HOPPER DRIVE ASSEMBLY



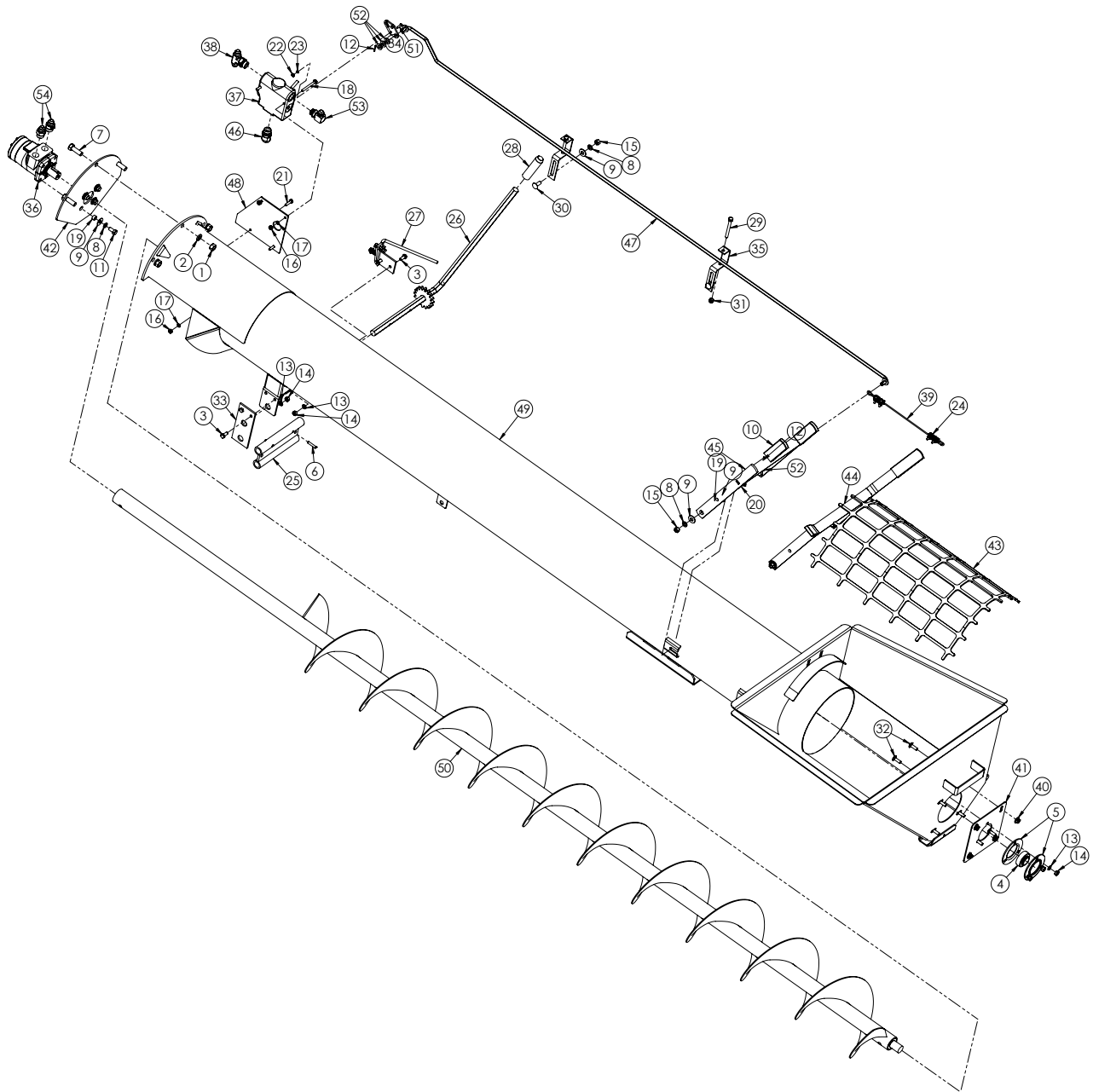
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005200	WASHER, FLAT 1/2 STD	2
2	005360	NUT, HEX 1/2-13	2
3	005370	WASHER, LOCK 1/2	2
4	014770	BOLT, HHCS .50-13X1.50	2
5	020220	KEY, SQUARE 5/16 X 1-1/4	1
6	021860	SPROCKET, 40B24	1
7	529140	SPROCKET, 40B24	1
8	576230	CHAIN, ROLLER RC40	1
9	645080	MOTOR, INLET	1
10	645210	SHIELD WLDT, SUPP.	1
11	JN10212	SCREW, FLG 5/16-18 X 3/4	3
12	MP907670	FITTING, HYD 90°	2

HYDRAULIC AUGER FEEDER ASSEMBLY



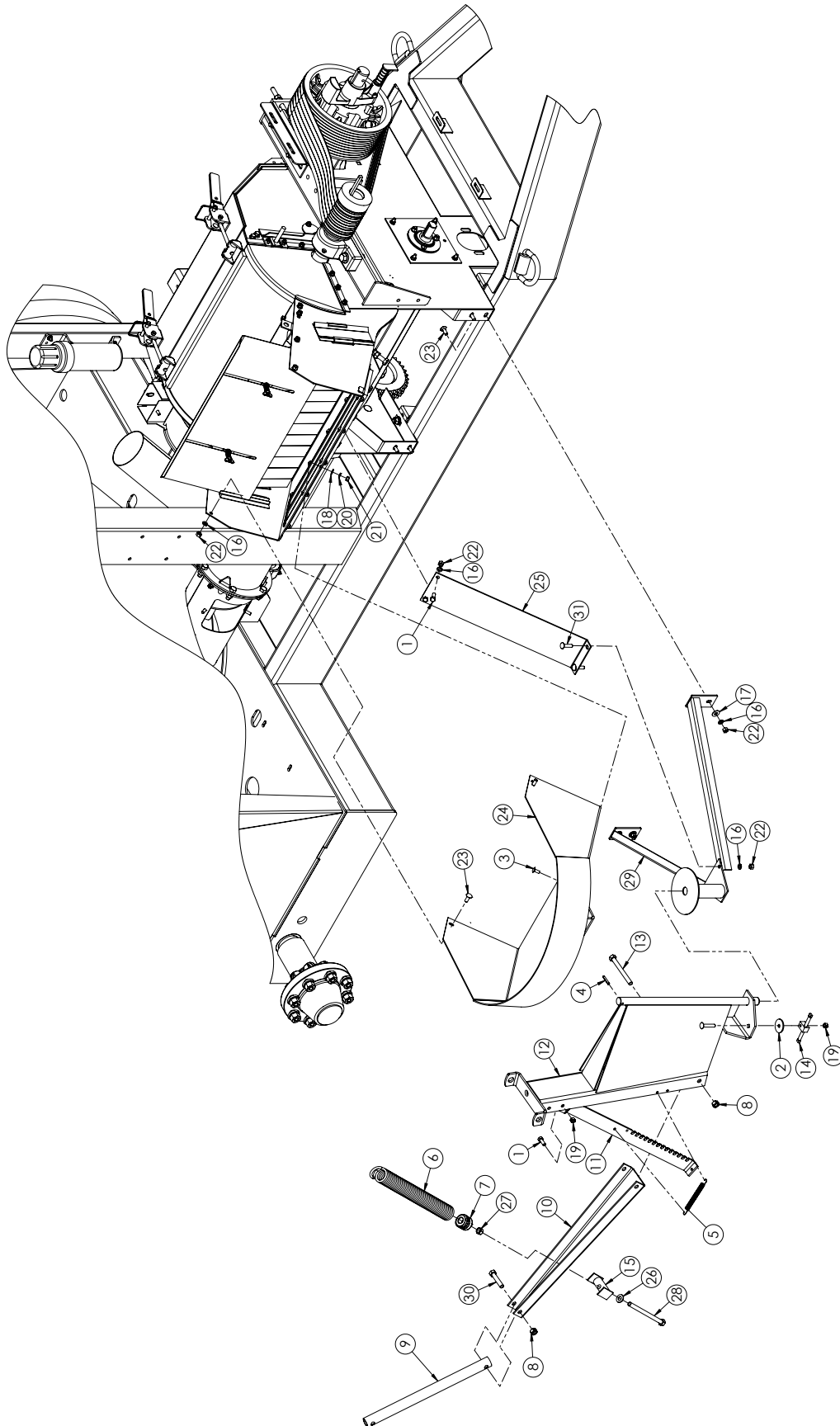
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005360	NUT, HEX 1/2-13	3
2	005370	WASHER, LOCK 1/2	3
3	012140	BOLT, HHCS 5/16-18 X 3/4	4
4	012310	BEARING ADAP.,	1
5	012330	FLG., 7/8-1.0 BRG, 3R BOLT	2
6	012550	PIN, EXPANSION	2
7	014770	BOLT, HHCS .50-13X1.50	3
8	021180	WASHER, LOCK 3/8	10
9	021190	WASHER, FLAT 3/8 STD	16
10	021560	GRIP CLUTCH HANDLE	4
11	022420	BOLT, HHCS 3/8-16 X 3/4"	4
12	023090	PIN, COTTER 3/32 X .75	2
13	023620	WASHER, LOCK 5/16	7
14	023630	NUT, HEX 5/16-18	7
15	027260	NUT, HEX 3/8-16 GR5	6
16	027660	NUT, HEX 1/4-20 GR5 ZN	4
17	029440	WASHER, LOCK 1/4 SAE	4
18	031560	BOLT, HHCS 1/4-20 X 2-1/2	2
19	033460	SPACER, .38 IDX.56 ODX.312	8
20	035180	BOLT, CRG 3/8-16 X 1-1/4"	4
21	042960	HBOLT 0.2500-20X1X1-N	2
22	120590	NUT, HEX 10-24 GR2 ZN	1
23	120600	WASHER, LOCK #10 X 21/64 X 3/6	1
24	129260	CLIP, 1/8" MALLEABLE WIRE	4
25	150810	BRACKET WLDT,	1
26	150820	LEVER & RATCHET	1
27	150840	STOP & HOLDER ASSY	1
28	150940	GRIP, HANDLE	1

HYDRAULIC AUGER FEEDER ASSEMBLY (CONTINUED)

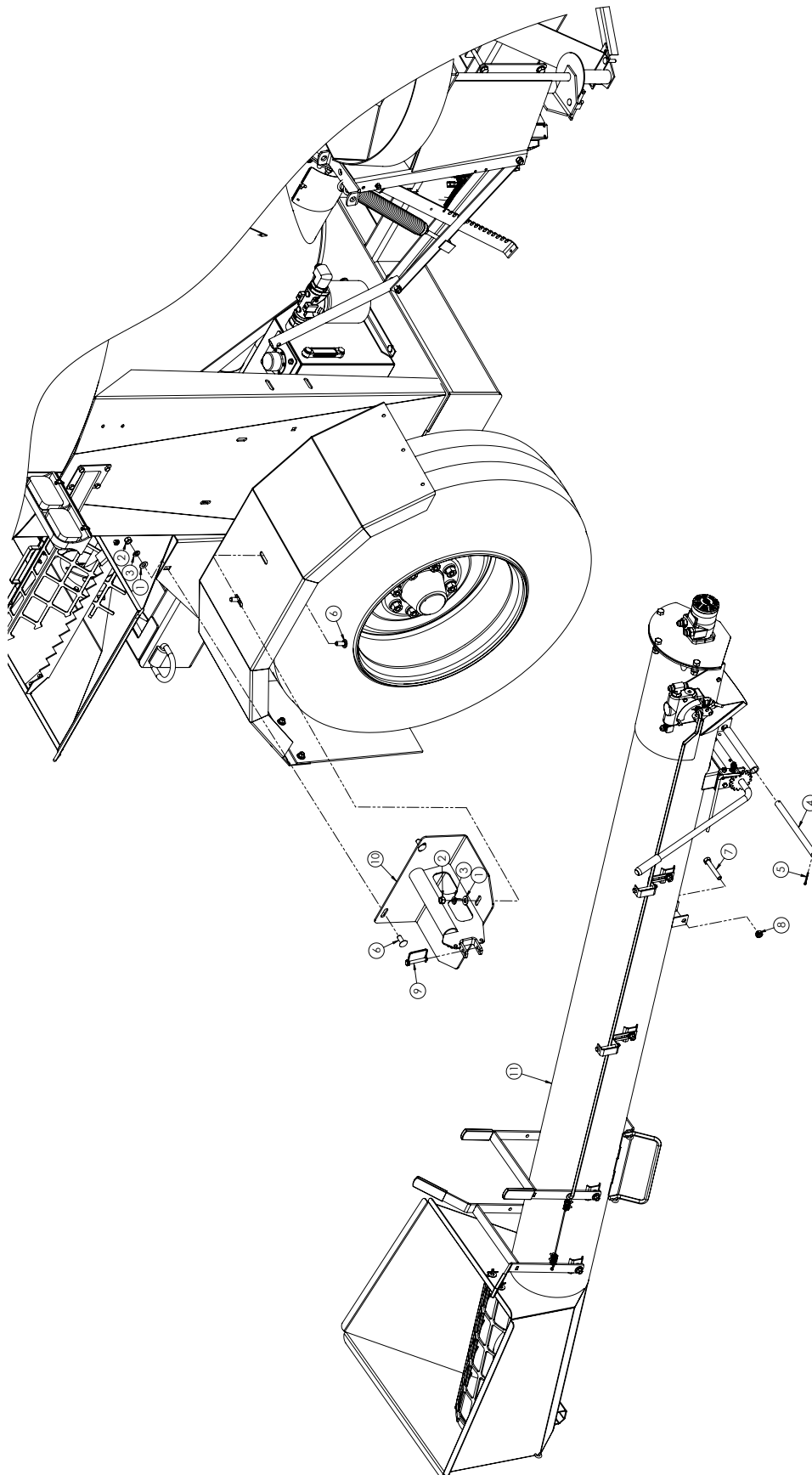


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
29	160230	BOLT, HHCS 5/16-18 X 3 GR5 ZN	2
30	170530	BOLT, CRG 3/8-16 X 1"	2
31	181570	NUT, LOCK 5/16-18 NYLON	2
32	254060	BOLT, CRG 5/16-18 X 1"	7
33	529660	PLATE, TRANSPORT LOCKING	1
34	581770	TAB, AF SHUTOFF	1
35	581780	STRAP, ROD GUIDE	2
36	585120	MOTOR, HYD 12 CU.IN.	1
37	585130	VALVE ASSY, HYD FLOW CONTROL(SEE PAGE 122)	1
38	585150	ADAPTER, TEE-8 MJIC	1
39	593960	CABLE, CLUTCH SHUTOFF	1
40	600110	NUT, HFH NYLOC 5/16-18	4
41	624265	PLATE, BEARING	1
42	624300	MOUNT, HYD MOTOR	1
43	624385	GRATE, AF HOPPER	1
44	624390	HANDLE WLDT, AF	1
45	624420	HANDLE WLDT, AF	1
46	626825	FITTING, HYD 45°	1
47	645770	LINKAGE WLDT,	1
48	645790	PLATE, HYD CONTROL	1
49	645800	HOUSING WLDT, AUGER	1
50	645850	AUGER WLDT, AF	1
51	991120	SCREW, RHMS 10-24 X 3/4	1
52	I120394	WASHER, FLAT 3/8 SAE	4
53	MP32-03794	FITTING, HYD 90°	1
54	MP32.02101	FITTING, HYD STRAIGHT	2
*	585180	HOSE ASSY, HYD 1/2" X 20"	2
*	961010	ROPE, YELLOW (PER FOOT)	NA

AUGER FEEDER MOUNT ASSEMBLY

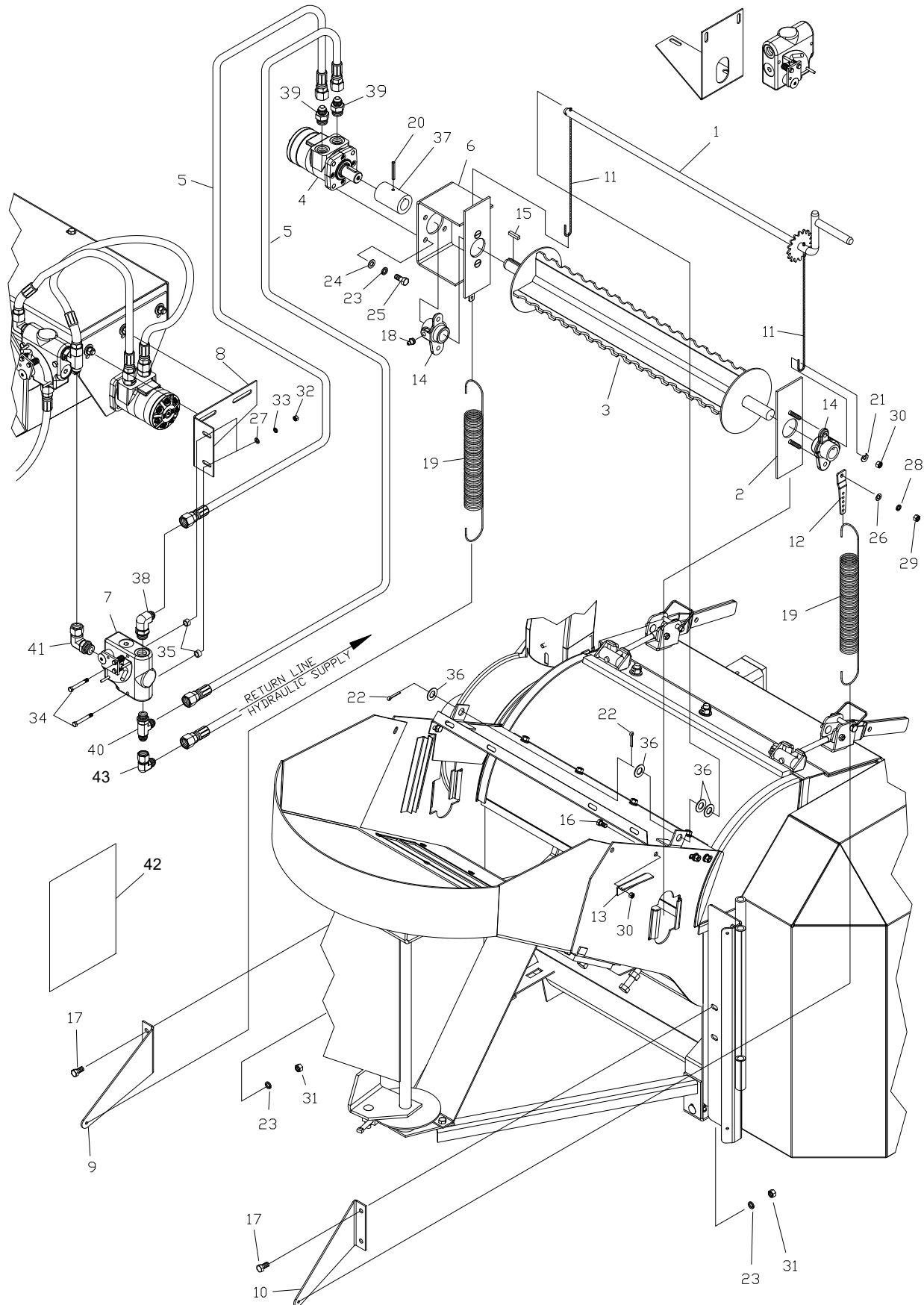


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	012260	BOLT, HHCS 3/8-16 X 1	21
2	012270	WASHER, FLAT	1
3	012410	BOLT, CRG 5/16-18X3/4	5
4	013600	PIN, ROLL .25 X 2	1
5	100750	SPRING, EXTENSION	1
6	113470	SPRING, EXTENSION	1
7	113490	NUT, SPRING	1
8	127890	NUT, LOCK 1/2-13	4
9	131960	VERTICAL LINK SPRING	1
10	152870	CHANNEL, LOWER	1
11	152880	BAR, RATCHET	1
12	159810	SUPPORT WLDT,	1
13	160350	BOLT, HHCS 1/2-13 X 5 GR5	1
14	160560	HANDLE ASSY,	1
15	161540	PIN WLDT, PIVOT	1
16	021180	WASHER, LOCK 3/8	28
17	021190	WASHER, FLAT 3/8 STD	8
18	022920	WASHER, FLAT 5/16 STD	9
19	023060	NUT, LOCK 3/8-16 2 WAY	4
20	023620	WASHER, LOCK 5/16	3
21	023630	NUT, HEX 5/16-18	3
22	027260	NUT, HEX 3/8-16 GR5	18
23	170530	BOLT, CRG 3/8-16 X 1"	6
24	366590	BASKET WLDT, 26"	1
25	638560	STRAP, REINF. MILL	1
26	005200	WASHER, FLAT 1/2 STD	1
27	005360	NUT, HEX 1/2-13	3
28	384270	BOLT, HHCS 1/2-13 X 7	1
29	638500	SUPPORT WLDT, HD	1
30	007080	BOLT, HHCS 1/2-13 X 2-1/2	1
31	037630	BOLT, HHCS 3/8-16 X 2-1/2	2

AUGER FEEDER MOUNT ASSEMBLY

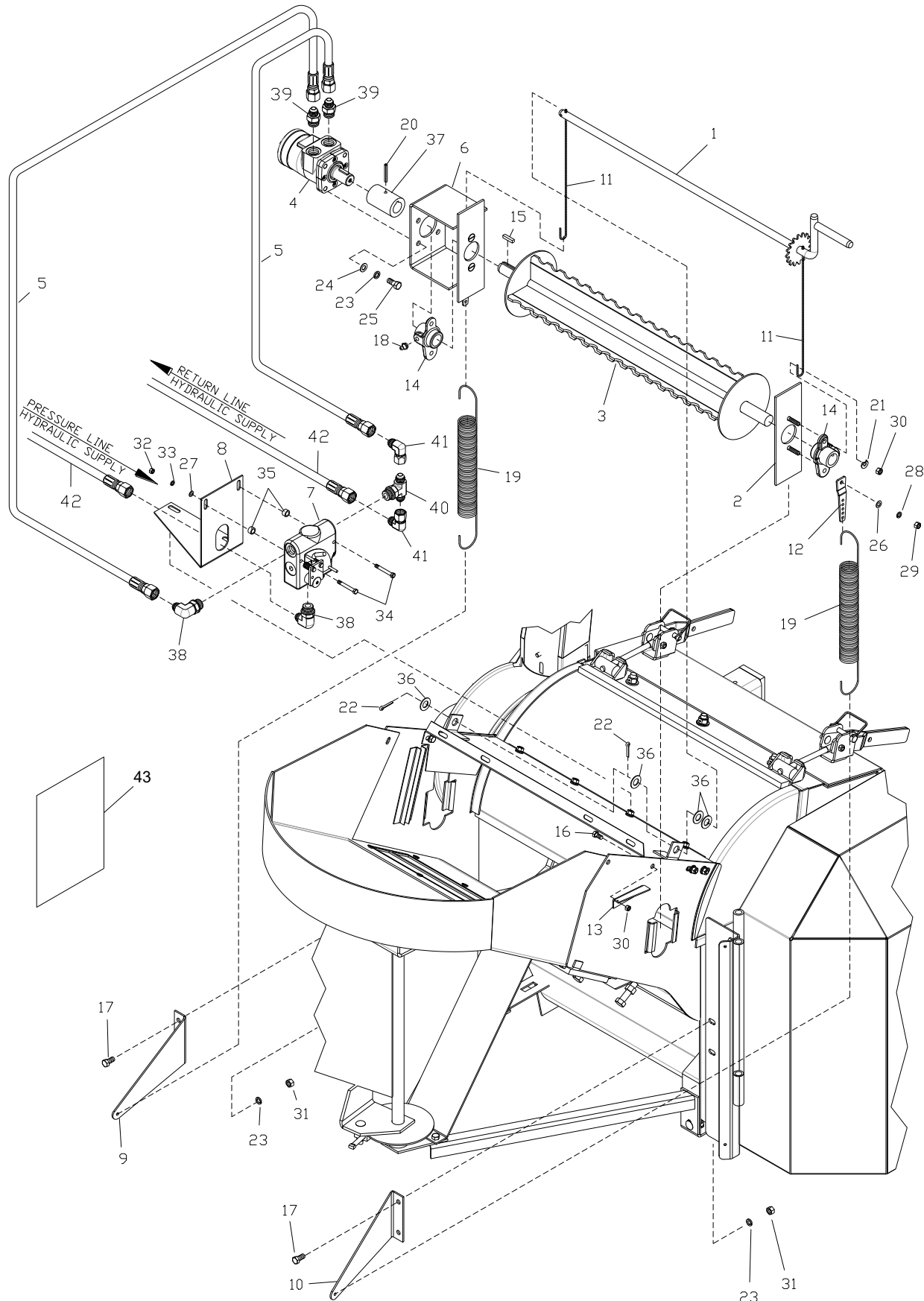
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005200	WASHER, FLAT 1/2 STD	34
2	005360	NUT, HEX 1/2-13	38
3	005370	WASHER, LOCK 1/2	36
4	015120	PIN, DRAG	1
5	026630	COTTER PIN, 5/32 X 1-1/2	2
6	030470	BOLT, CRG 1/2-13 X 1-1/4"	26
7	041410	BOLT, HHCS 1/2-13 X 3.25	1
8	127890	NUT, LOCK 1/2-13	1
9	143710	PIN, SNAPPER	1
10	645680	MOUNT WLDT, AF	1
11	645805	AF ASSEMBLY	1

HYDRAULIC ROLL FEEDER WITH AUGER FEEDER ASSEMBLY

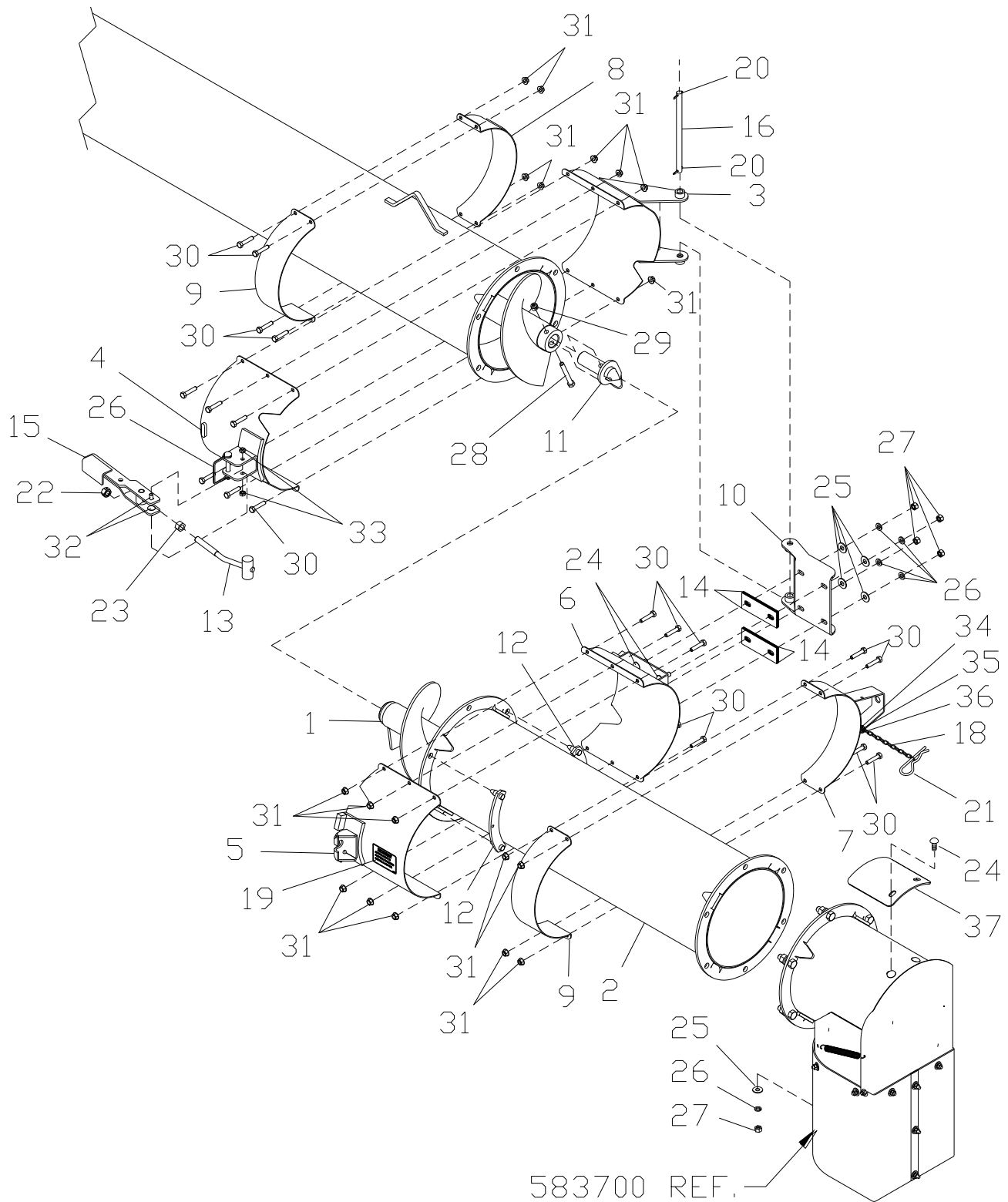


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	589050	CRANK WLDT, ROLL FEED 6530 GM	1
2	013330	PLATE, SLIDING ROLL	1
3	160110	ROTOR WELD ASSEMBLY, R.F.	1
4	585120	MOTOR, HYD 12 CU. IN. SAE-10 ORB	1
5	580960	HOSE ASSEMBLY, HYD 1/2 X 56" SAE -8 FJIC	2
6	160130	MOTOR MOUNT WELD	1
7	585130	VALVE ASSEMBLY, HYD SAE-10 ORB	1
8	212660	BRACKET, FLOW CONTROL R.F. W/A.F.	1
9	366920	BRACKET, LEFT LOWER	1
10	366930	BRACKET, RIGHT LOWER	1
11	007880	CABLE, ROLL FEED ADJUST	2
12	007900	BRACKET, UPPER SPRING	1
13	007930	LOCK, ROLL FEED RATCHET	1
14	011200	BEARING, ROLL FEED	2
15	011530	KEY, PAR 1/4 SQ. X 1-1/4	1
16	012140	BOLT, HHCS 5/16-18 X 3/4	1
17	012260	BOLT, HHCS 3/8-16 X 1	4
18	013170	ZERK, 1/8 NPT SH. GREASE	2
19	017200	SPRING, ROLL FEED	2
20	018920	PIN, ROLL 1/4 X 1-3/4	1
21	019050	WASHER, SPECIAL LOCK	2
22	020700	PIN, COTTER 5/32 X 1	2
23	021180	WASHER, LOCK 3/8"	8
24	021190	WASHER, FLAT 3/8 STD.	4
25	022420	BOLT, HHCS 3/8-16 X 3/4	4
26	022920	WASHER, FLAT 5/16 STD.	4
27	023260	WASHER, FLAT 1/4 STD.	2
28	023620	WASHER, LOCK 5/16"	4
29	023630	NUT, HEX 5/16-18	4
30	025670	NUT, HEX LOCK 5/16-18	3
31	027260	NUT, HEX 3/8-16	4
32	027660	NUT, HEX 1/4-20	2
33	029440	WASHER, LOCK 1/4"	2
34	031560	BOLT, HHCS 1/4-20 X 2-1/2	2
35	033460	SPACER, 0.375 I.D. X 0.28 LG.	2
36	035210	WASHER, FLAT 5/8 SAE	4
37	160140	COLLAR, SHAFT COUPLER	1
38	MP32.03794	ELBOW, HYD SAE-10 MORB X -8 MJIC	1
39	MP32.02101	ADAPTER, HYD STR. SAE-8 MJIC X -10 MORB	2
40	590650	ADAPTER, TEE SAE -8 MJIC X -10 MORB X -8 MJIC	1
41	551560	ADAPTER, 90° ELBOW SAE-8 MORB X -8 FJIC	1
42	588460	INSTRUCTIONS, HYD. R.F.	1
43	551560	ADAPTER, ELBOW 90° SAE-10 MJIC X SAE-10 FJIC	1

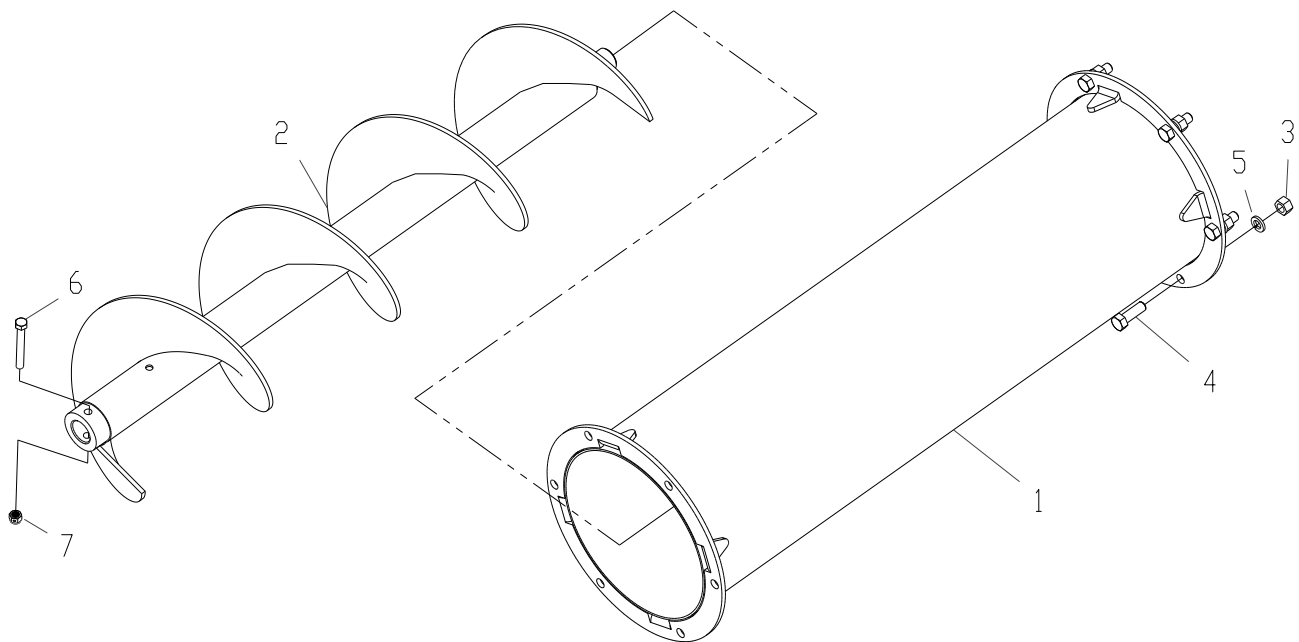
HYDRAULIC ROLL FEEDER WITHOUT AUGER FEEDER ASSEMBLY



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	589050	CRANK ASSEMBLY CRANK WLDT, ROLL FEED 6530 GM	1
2	013330	PLATE, SLIDING ROLL	1
3	160110	ROTOR WELD ASSEMBLY, R.F.	1
4	585120	MOTOR, HYD 12 CU. IN. SAE-10 ORB	1
5	585390	HOSE ASSEMBLY, HYD 1/2 X 30" SAE -8 FJIC	2
6	160130	MOTOR MOUNT WELD	1
7	585130	VALVE ASSEMBLY, HYD SAE-10 ORB	1
8	213000	BRACKET, FLOW CONTROL	1
9	366920	BRACKET, LEFT LOWER	1
10	366930	BRACKET, RIGHT LOWER	1
11	007880	CABLE, ROLL FEED ADJUST	2
12	007900	BRACKET, UPPER SPRING	1
13	007930	LOCK, ROLL FEED RATCHET	1
14	011200	BEARING, ROLL FEED	2
15	011530	KEY, PAR 1/4 SQ. X 1-1/4	1
16	012140	BOLT, HHCS 5/16-18 X 3/4	1
17	012260	BOLT, HHCS 3/8-16 X 1	4
18	013170	ZERK, 1/8 NPT SH. GREASE	2
19	017200	SPRING, ROLL FEED	2
20	018920	PIN, ROLL 1/4 X 1-3/4	1
21	019050	WASHER, SPECIAL LOCK	2
22	020700	PIN, COTTER 5/32 X 1	2
23	021180	WASHER, LOCK 3/8"	8
24	021190	WASHER, FLAT 3/8 STD.	4
25	022420	BOLT, HHCS 3/8-16 X 3/4	4
26	022920	WASHER, FLAT 5/16 STD.	2
27	023260	WASHER, FLAT 1/4 STD.	2
28	023620	WASHER, LOCK 5/16"	2
29	023630	NUT, HEX 5/16-18	2
30	025670	NUT, HEX LOCK 5/16-18	3
31	027260	NUT, HEX 3/8-16	4
32	027660	NUT, HEX 1/4-20	2
33	029440	WASHER, LOCK 1/4"	2
34	031560	BOLT, HHCS 1/4-20 X 2-1/2	2
35	033460	SPACER, 0.375 I.D. X 0.28 LG.	2
36	035210	WASHER, FLAT 5/8 SAE	4
37	160140	COLLAR, SHAFT COUPLER	1
38	MP32.03794	ELBOW, HYD SAE-10 MORB X -8 MJIC	2
39	MP32.02101	ADAPTER, HYD STR. SAE-8 MJIC X -10 MORB	2
40	585150	ADAPTER, TEE SAE -8 MJIC X -8 MJIC X -8 MORB	1
41	551560	ADAPTER, 90° ELBOW SAE-8 MJIC X -8 FJIC	2
42	585190	HOSE ASSEMBLY, HYD. 1/2 X 78" SAE -8 FJIC	2
43	588460	INSTRUCTIONS, HYD R.F. W/O A.F.	1

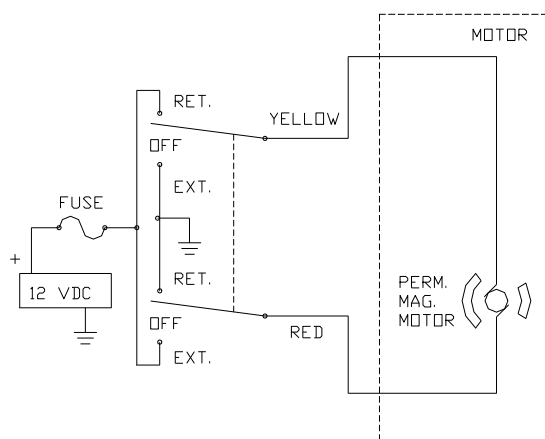
FOLDING DISCHARGE AUGER EXTENSION ASSEMBLY

ITEM NO.	PART NUMBER	DESCRIPTION	3' QTY.	6' QTY.
1	586140	AUGER WLDT, 3' (SHOWN)	1	-
	584600	AUGER WLDT, 6'	-	1
2	584410	TUBE WLDT, 3' (SHOWN)	1	-
	583300	TUBE WLDT, 6'	-	1
3	583840	CLAMP WLDT, DISCHARGE OUTER	1	1
4	583880	CLAMP WLDT, DISCHARGE INNER	1	1
5	583890	CLAMP WLDT, EXTENSION INNER	1	1
6	583990	CLAMP WLDT, EXTENSION OUTER	1	1
7	583930	CLAMP WLDT, W/STRAP	1	1
8	583960	CLAMP WLDT, W/PIN	1	1
9	584960	BAND, CLAMPING 2-HOLE	2	2
10	586850	HINGE WLDT, ADJUSTABLE EXTENSION	1	1
11	584630	PIN WLDT, PILOT	1	1
12	587240	ANCHOR WLDT, PIN	2	2
13	587220	T-BAR WLDT, LATCH	1	1
14	586880	SHIM, EXTENSION HINGE	AR	AR
15	127830	HANDLE WLDT	1	1
16	144640	PIN, PIVOT	1	1
17	143710	PIN, SNAPPER	1	1
18	143700	CHAIN, 8" LONG	1	1
19	144650	DECAL, IMPORTANT AUGER ENGAGEMENT	1	1
20	034360	PIN, COTTER, 1/8 X 1 ZN	2	2
21	035830	PIN, BRIDGE 3/16 X 1-1/2 INTERNAL HAIR ZN	1	1
22	127890	NUT, LOCK 1/2-13 HEX ZN	1	1
23	005360	NUT, HEX 1/2-13 ZN	1	1
24	035180	BOLT, CRG 3/8-16 X 1-1/4 SSN GR5 ZN	6	6
25	021190	WASHER, FLAT 3/8 STANDARD ZN	6	6
26	021180	WASHER, LOCK 3/8 ZN	6	6
27	027280	NUT, HEX 3/8-16 ZN	6	6
28	990820	BOLT, HHCS 3/8-16 X 3 GR5 ZN	1	1
29	073630	NUT, LOCK 3/8-16	1	1
30	025760	BOLT, HHCS 5/16-18 X 1-1/2 GR5 ZN	20	20
31	020190	NUT, LOCK 5/16-18 GR5 ZN HEX FLG	20	20
32	012410	BOLT, CRG 5/16-18 X 3/4 SSN ZN	2	2
33	025670	NUT, HEX 5/16-18	2	2
34	218300	BOLT, HHMS #10-24 X 1/2 ZN	1	1
35	W144750056	WASHER, FLAT #10 SAE	1	1
36	124300	NUT, LOCK #10-24 HEX	1	1
37	590730	PLATE, BEARING REINFORCING	1	1

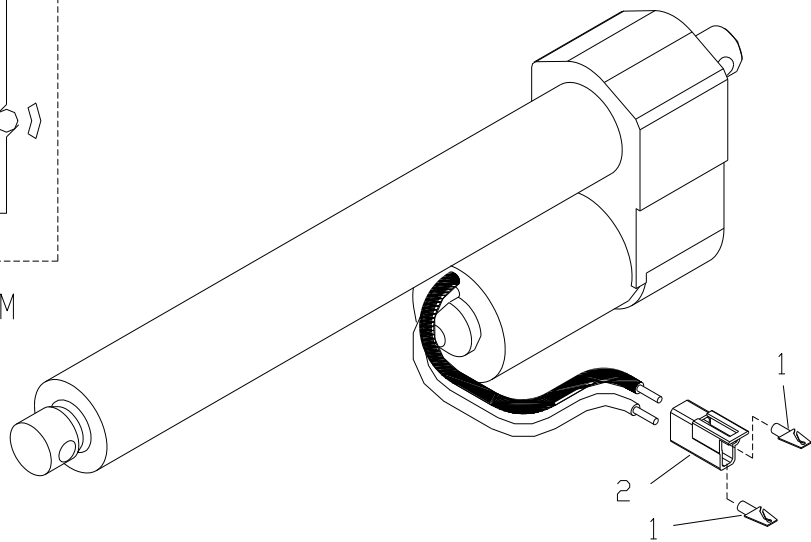
BOLT-ON DISCHARGE AUGER EXTENSION ASSEMBLY

ITEM NO.	PART NUMBER	DESCRIPTION	3' QTY.	6' QTY.
1	584410	TUBE WLDT, 3'(SHOWN)	1	-
	583300	TUBE WLDT, 6'	-	1
2	584970	AUGER WLDT, 3'(SHOWN)	1	-
	583320	AUGER WLDT, 6'	-	1
3	005360	NUT, HEX 1/2-13	6	6
4	014770	BOLT, HHCS 1/2-13 X 1-1/2 GR5 ZN	6	6
5	005370	WASHER, LOCK 1/2 ZN	6	6
6	990820	BOLT, HHCS 3/8-16 X 3 GR5 ZN	1	1
7	073630	NUT, LOCK 3/8-16	1	1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005200	WASHER, FLAT 1/2 STD	1
2	012260	BOLT, HHCS 3/8-16 X 1	2
3	020700	COTTER PIN, 3/16 X 2 1/2	1
4	021180	WASHER, LOCK 3/8	4
5	021190	WASHER, FLAT 3/8 STD	2
6	022420	BOLT, HHCS 3/8-16 X 3/4"	2
7	023060	NUT, LOCK 3/8-16 2 WAY	2
8	027260	NUT, HEX 3/8-16 GR5	4
9	037790	BOLT, HHCS 3/8-16 X 2	2
10	115590	FITTING, GREASE	1
11	215160	NUT, SLOTTED 7/8-14 GR5	1
12	400800	BLOCK, PIVOT	1
13	529560	ARM WLDT,	1
14	529630	BRACKET WLDT,	1
15	615755	CHANNEL WLDT, ARM	1
16	615756	CHANNEL, CAP	1
17	616060	SPRING, LH	1
18	626960	MOUNT WLDT, ARM EXT.	1
19	I120394	WASHER, FLAT 3/8 SAE	4
20	I120396	WASHER, FLAT 1/2"	1
21	JN10212	SCREW, FLG 5/16-18 X 3/4	6

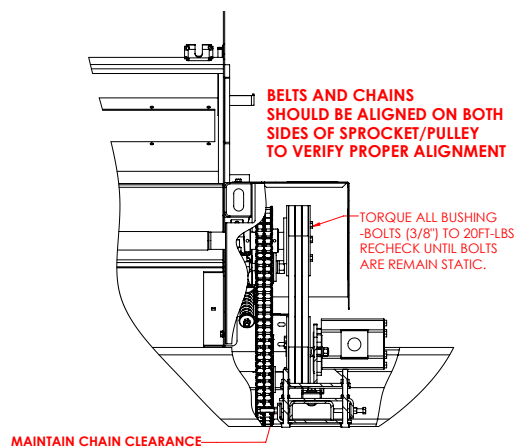
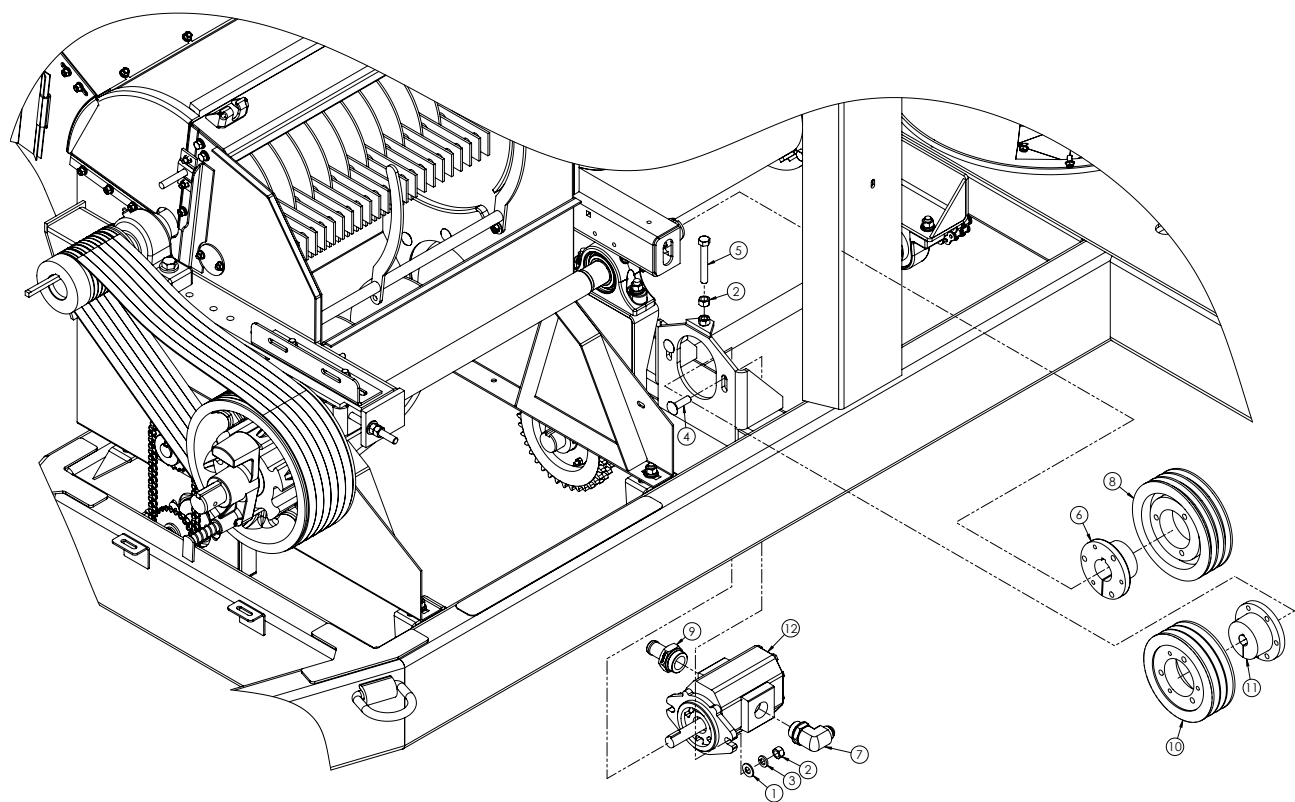
ACTUATOR ASSEMBLY

ACTUATOR WIRING DIAGRAM

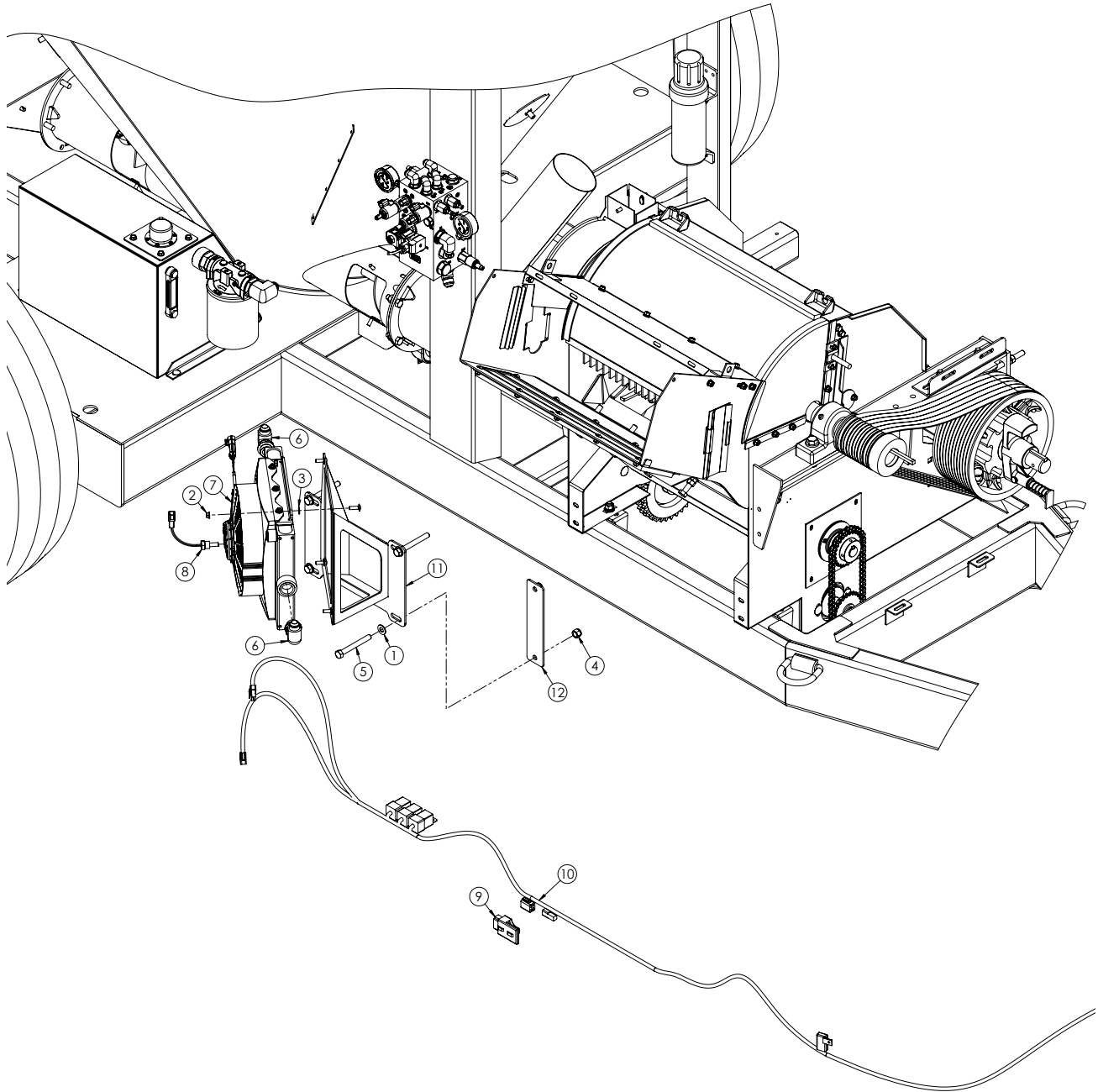


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	345820	TERMINAL, MALE, 14-16 GA.	2
2	345810	INSULATOR, CONNECTOR FEMALE	1

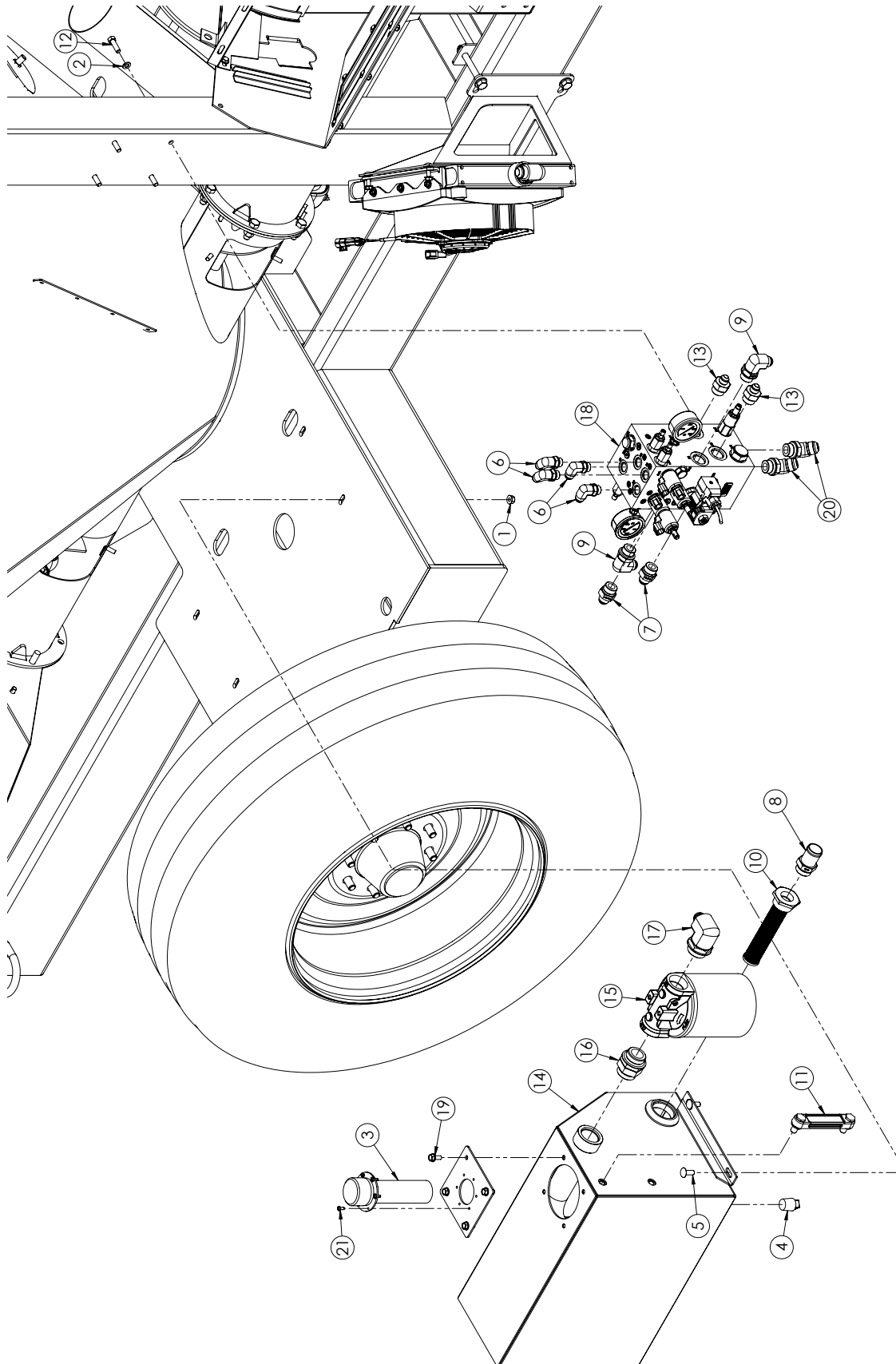
PUMP DRIVE (1000RPM) ASSEMBLY



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005200	WASHER, FLAT 1/2 STD	6
2	005360	NUT, HEX 1/2-13	7
3	005370	WASHER, LOCK 1/2	6
4	025390	BOLT, CRG 1/2-13 X 1-3/4"	2
5	034650	BOLT, HHCS 1/2-13 X 3-1/2	1
6	234760	BUSHING, QD, 1-3/4" BORE	1
7	506540	FITTING, HYD 90°	3
8	543740	SHEAVE, 35V800SF,	1
9	585310	ADAPTER, STR	1
10	609100	SHEAVE, 7.1" O.D.	1
11	609120	BUSHING, SHEAVE 7/8"	1
12	609480	PUMP, HYD 3.90 CID	1
*	609180	BELT, 5VX, 50"	3
*	014630	KEY, PUMP SHEAVE	1
*	021530	KEY, JACKSHAFT SHEAVE	1

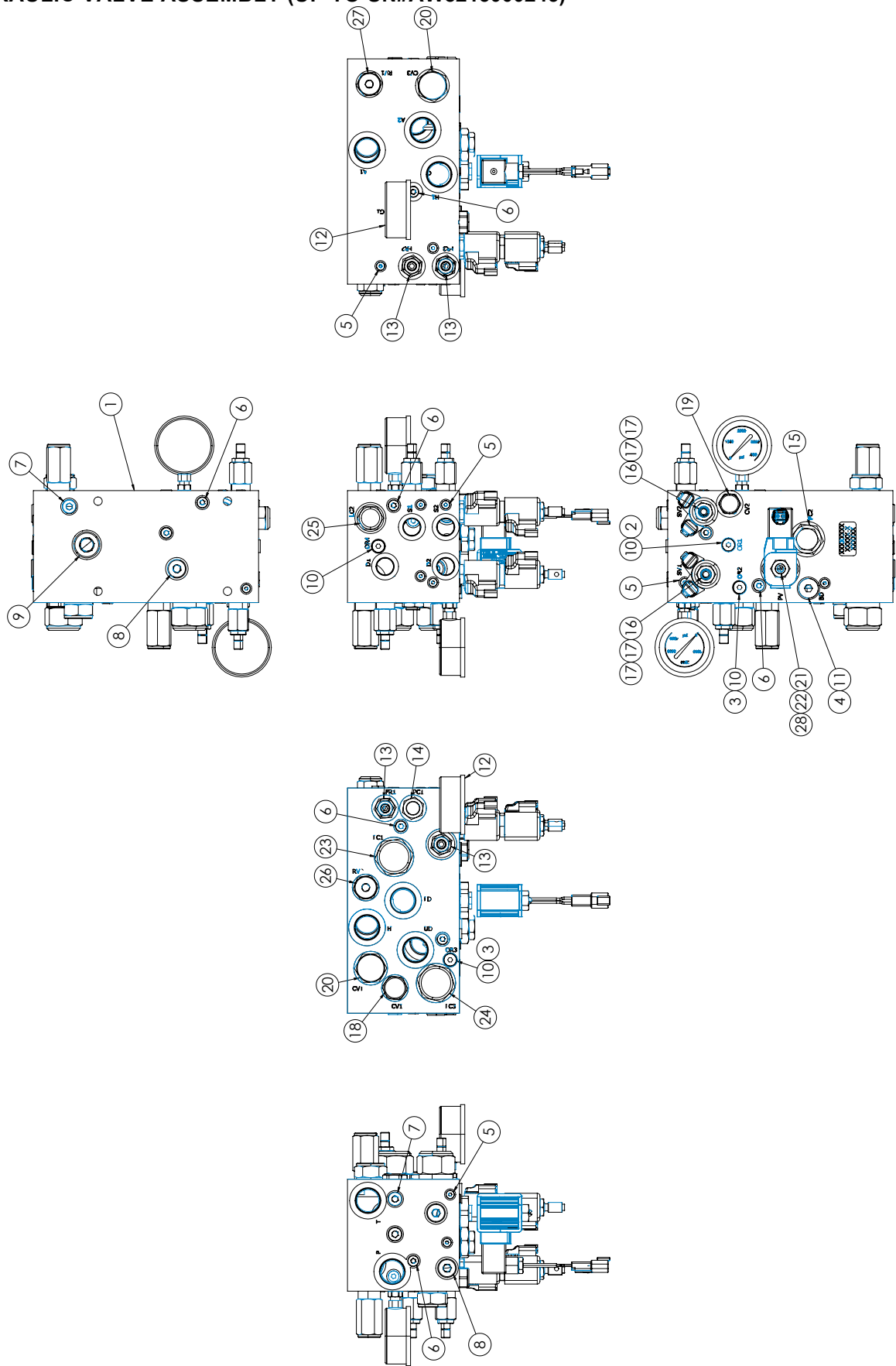
HYDRAULIC COOLER ASSEMBLY

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005200	WASHER, FLAT 1/2 STD	6
2	020190	NUT, LOCK 5/16-18 FLG	8
3	022920	WASHER, FLAT 5/16 STD	4
4	037540	NUT, LOCK 1/2-13 GR5 ZN NYLON	4
5	340300	BOLT, HHCS 1/2-13 X 4-1/4"	4
6	506540	FITTING, HYD 90°	3
7	626200	COOLER, HYD. 12V	1
8	626360	SWITCH, TEMP CONTROL	1
9	626370	CONTROLLER, TWO WAY	1
10	626380	HARNESS, COOLER FAN	1
11	645380	MOUNT WLDT, COOLER	1
12	645382	PLATE, CLAMPING	2
*	626170	HARNESS, COOLING FAN (TRACTOR SIDE)	1

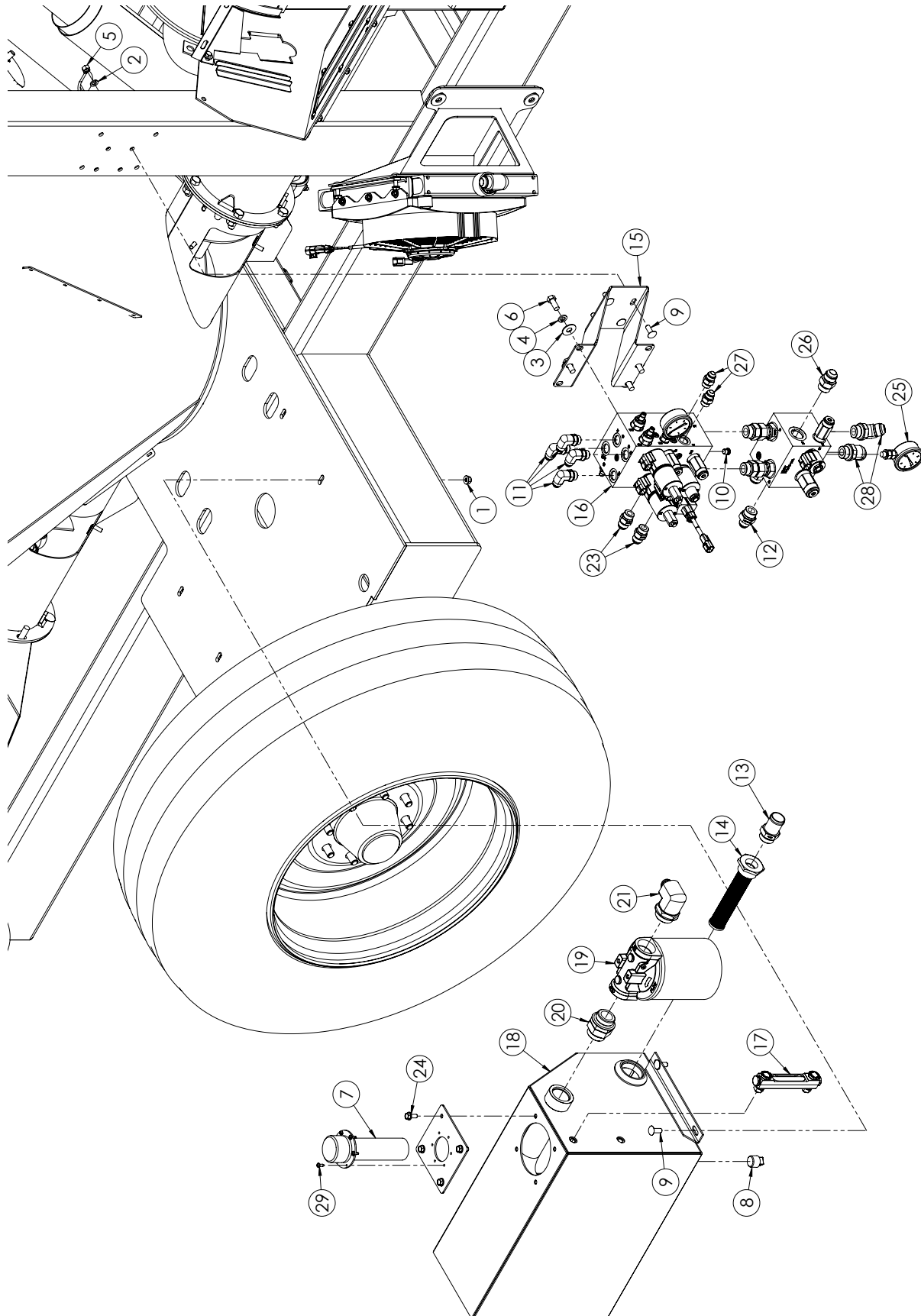
HYDRAULIC TANK & VALVE ASSEMBLY (UP TO SN#AW8215000245)

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	020180	NUT, LOCK 3/8-16 FLG	4
2	021180	WASHER, LOCK 3/8	4
3	165880	FILLER-BREATHING,	1
4	165960	PLUG, MAGNETIC	1
5	170530	BOLT, CRG 3/8-16 X 1"	4
6	530210	FITTING, HYD 90°	4
7	575840	FITTING, HYD STRAIGHT	2
8	645390	ADAPTER, STR	1
9	585410	FITTING, HYD 90°	2
10	585450	STRAINER, TANK MOUNT	1
11	596790	GAUGE, SIGHT/TEMP	1
12	600730	BOLT, HHCS 3/8-24 X 1-1/4	4
13	605840	FITTING, HYD STRAIGHT	2
14	626180	TANK WLDT, HYD	1
15	626290	FILTER ASSY, SPIN ON	1
16	626390	FITTING, HYD STR	1
17	626820	FITTING, HYD 90°	1
18	645090	VALVE ASSY, MANIFOLD	1
19	JN10212	SCREW, FLG 5/16-18 X 3/4	7
20	MP17.00388	FITTING, HYD 45	2
21	P98341	SCREW, PHTS 10-24X1/2	6
*	645395	HOSE, HYD SUCTION 1-1/4" X 52" L (NOT SHOWN)	1

HYDRAULIC VALVE ASSEMBLY (UP TO SN#AW8215000245)

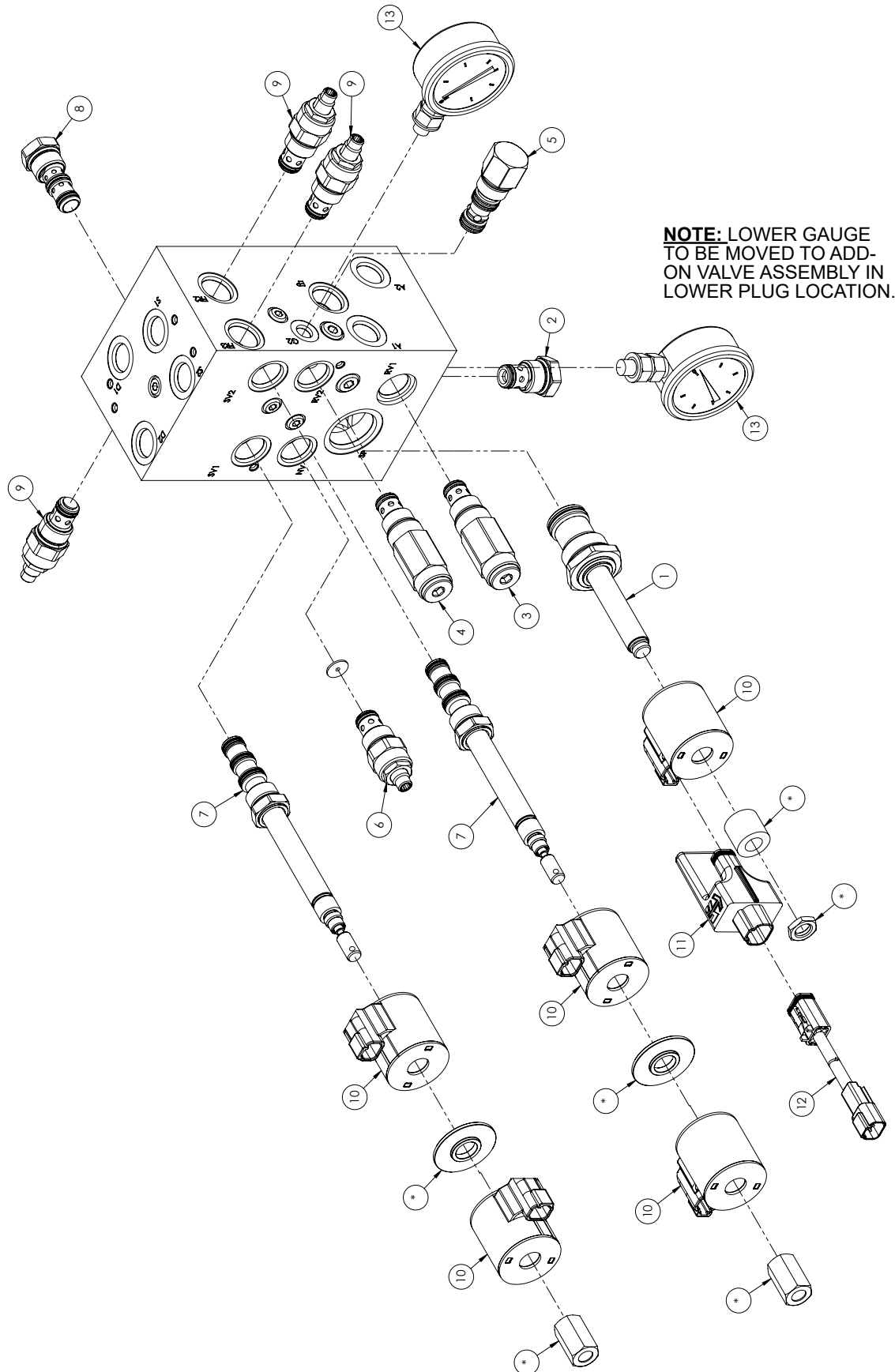


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	NA	BODY, MIXER MILL	1
2	NA	ORIFICE PLUG 5/16-24 0.116	1
3	NA	ORIFICE PLUG 5/16-24 0.031	2
4	NA	SCREENED ORIFICE, 0.019 SAE -02	1
5	NA	SAE -02 PLUG	13
6	NA	SAE -04 PLUG	9
7	NA	SAE -06 PLUG	3
8	NA	SAE -08 PLUG	3
9	NA	SAE -12 PLUG	1
10	NA	PLUG SAE -04, HOLLOW HEX	4
11	NA	PLUG SAE -06, HOLLOW HEX	1
12	646200	GAUGE 2.5" 0-4KPSI SAE -04	2
13	646201	PRESSURE COMPENSATED FLOW CONTROL	4
14	646202	CART. PO CHECK 35PSI 3:1	1
15	646203	CART. CHECK VALVE	1
16	646204	CART. SOLENOID 4W3P TANDEM CENTER	2
17	646205	P SERIES COIL 36V DEUTSCH	4
18	646206	CART. CHECK VALVE 5PSI	1
19	646207	CART. CHECK VALVE	1
20	646208	CART. CHECK VALVE 5PSI	2
21	646209	CART. PROP 2W2P NC POPPET	1
22	646210	SUPER COIL 5/8 ID 12V DIN	1
23	646211	CART. LOGIC SPOOL N/C L/S	1
24	646212	CART. LOGIC POPPET BI-DIR PTC N/C	1
25	646213	CART. LOGIC POPPET BI-DIR N/C	1
26	646214	CART. RELIEF VALVE DIFF AREA 2000PSI	1
27	646215	CART. RELIEF VALVE DIFF AREA 2500PSI	1
28	646216	SOFT START VALVE CONTROLLER 12/24V DEUTSCH END	1

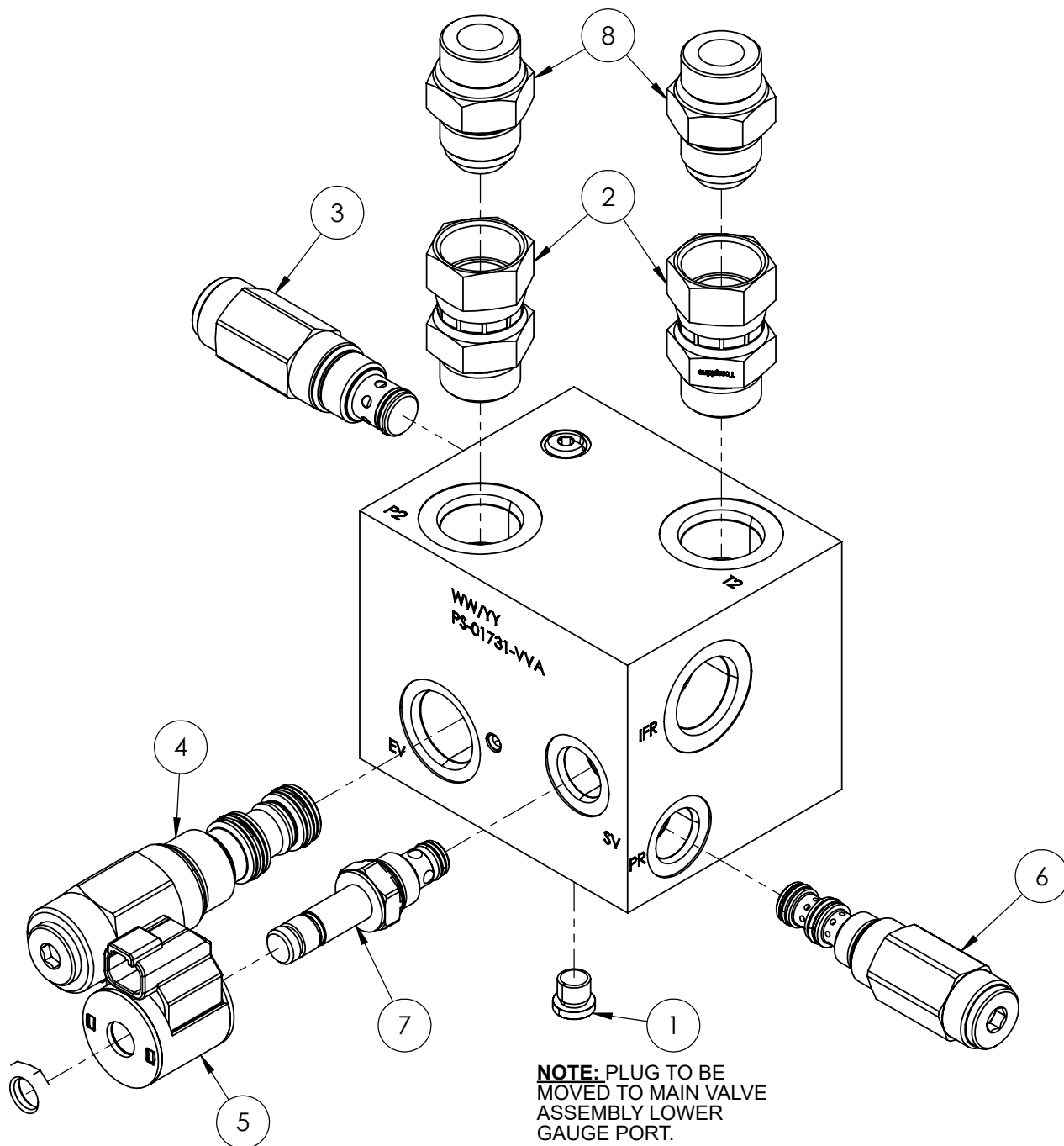
HYDRAULIC TANK & VALVE ASSEMBLY (SN#AW8215000246 & UP)

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	020180	NUT, LOCK 3/8-16 FLG	4
2	021180	WASHER, LOCK 3/8	5
3	023980	WASHER, FLAT 7/16 STD	4
4	023990	WASHER, LOCK 7/16"	4
5	027260	NUT, HEX 3/8-16 GR5	4
6	128000	BOLT, HHCS 7/16-14 X 1	4
7	165880	FILLER-BREATHER,	1
8	165960	PLUG, MAGNETIC	1
9	170530	BOLT, CRG 3/8-16 X 1"	8
10	488970P	FITTING, HYD PLUG	1
11	530210	FITTING, HYD 90°	4
12	575840	FITTING, HYD STRAIGHT	1
13	645390	ADAPTER, 90° ELBOW	1
14	585450	STRAINER, TANK MOUNT	1
15	591410	MOUNT, MANIFOLD	1
16	591800	ASSY, FEED MIXER MANIFOLD	1
17	596790	GAUGE, SIGHT/TEMP	1
18	626180	TANK WLDT, HYD	1
19	626290	FILTER ASSY, SPIN ON	1
20	626390	FITTING, HYD STR	1
21	626820	FITTING, HYD 90°	1
22	645200	VALVE ASSY, INLET	1
23	I2185062	FITTING, HYD STRAIGHT	2
24	JN10212	SCREW, FLG 5/16-18 X 3/4	7
25	MP07.17866	2-1/2 INCH, STEM MOUNT, XXX PSI	1
26	MP09.74127	STRAIGHT -12M JIC X -12M ORB	1
27	MP09.74155	FITTING, HYD STRAIGHT	2
28	MP17.00388	FITTING, HYD 45	2
29	P98341	SCREW, PHTS 10-24X1/2	6
*	645395	HOSE, HYD SUCTION 1-1/4" 52"L (NOT SHOWN)	1

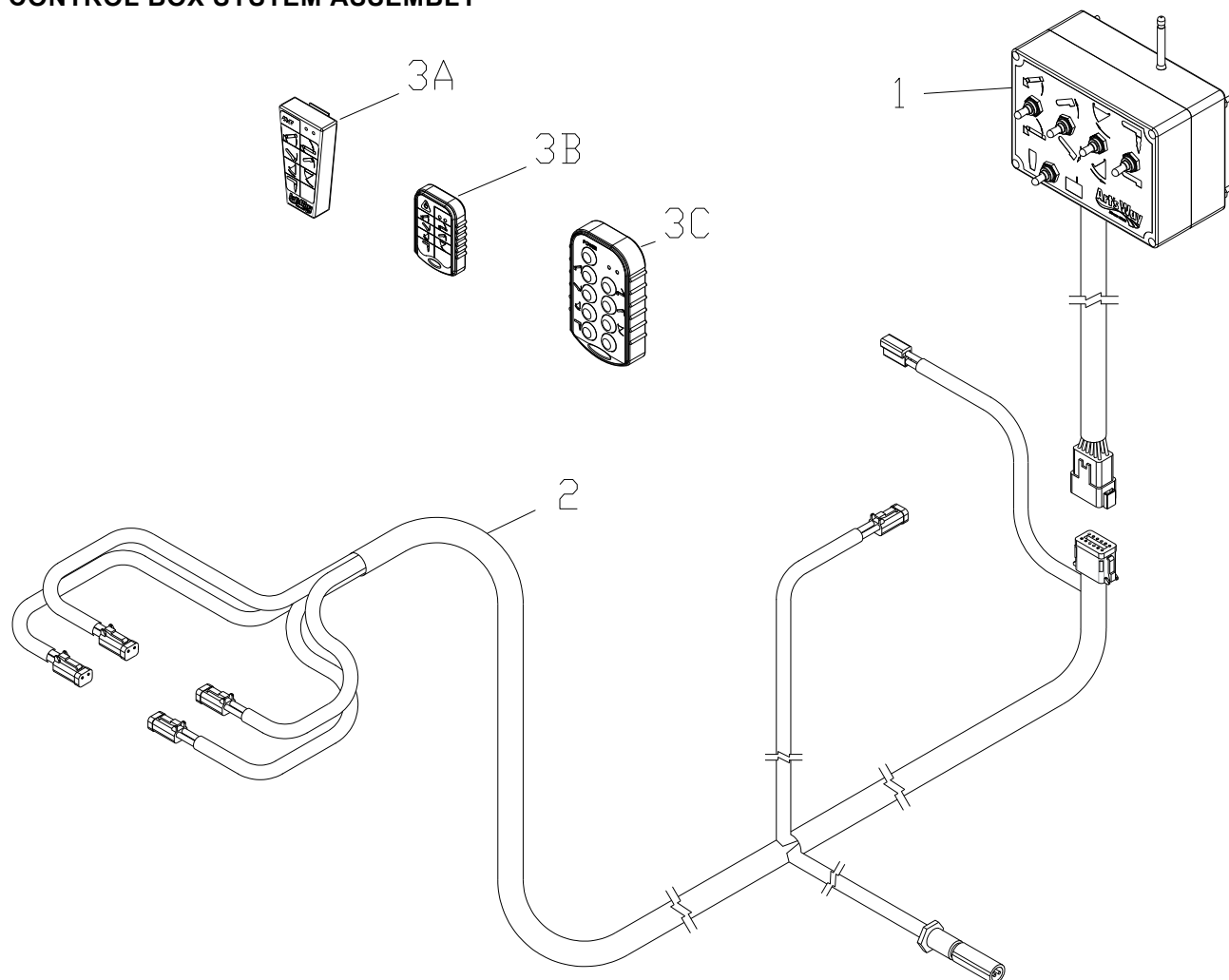
MAIN HYDRAULIC VALVE ASSEMBLY (SN#AW8215000246 & UP)



ITEM NO.	PART NUMBER	DESCRIPTION	TORQUE (FT-LBS)	QTY.
1	594860	VALVE, #16 PROPORTIONAL 2-WAY	46-54	1
	596940*	SEAL KIT, (NOT SHOWN)		-
2	594870	VALVE, #10 CHECK 5 PSI	24-26	1
	596950*	SEAL KIT, (NOT SHOWN)		-
3	594880	VALVE, #10 RELIEF DIFFERENTIAL AREA 2500 PSI	24-26	1
	596950*	SEAL KIT, (NOT SHOWN)		-
4	594890	VALVE, #10 RELIEF DIFFERENTIAL AREA 1500 PSI	24-26	1
	596950*	SEAL KIT, (NOT SHOWN)		-
5	594900	VALVE, #10 PILOTED SPOOL TYPE LOGIC ELEMENT	24-26	1
	596960*	SEAL KIT, (NOT SHOWN)		-
6	594910	VALVE, #10 NEEDLE VALVE ALLEN HEAD ADJUST	24-26	1
	596970*	SEAL KIT, (NOT SHOWN)		-
7	594920	VALVE, #10 SPOOL, 4W3P, TANDEM CENTER	24-26	2
	596980*	SEAL KIT, (NOT SHOWN)		-
8	594930	VALVE, #10 CHECK, PILOT TO OPEN 30 PSI	24-26	1
	596990*	SEAL KIT, (NOT SHOWN)		-
9	594940	VALVE, #10 PRESS. COMP. FLOW CTRL 0-3GPM	33-37	3
	596950*	SEAL KIT, (NOT SHOWN)		-
10	594950	E-COIL, #10 12-VDC, DEUTSCH	(NUT 4-5)	5
11	594960	DRIVER ASSY, VALVE RAMP CONTROLLER	-	1
12	594970	HARNESS ASSY, VALV RAMP CONTROLLER	-	1
13	MP07.17866	GAUGE, PRESSURE, 2-1/2", 3000 PSI	8-10	2
***NOTE: 596930 SEAL KIT(COMPLETE SEAL KIT, INCLUDES SEAL KITS LISTED ABOVE)				

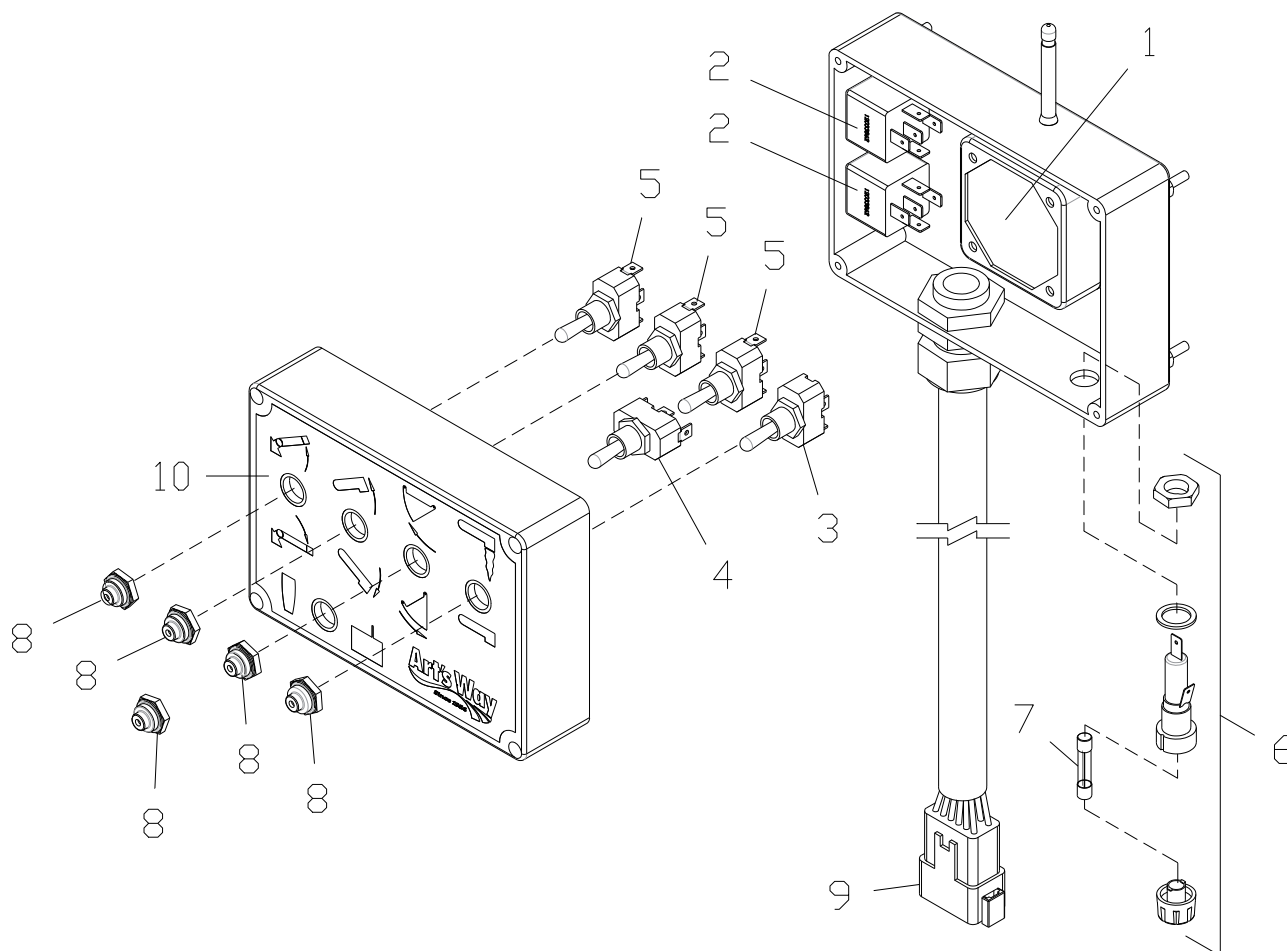
ADD-ON HYDRAULIC VALVE ASSEMBLY (SN#AW8215000246 & UP)

ITEM NO.	PART NUMBER	DESCRIPTION	TORQUE (FT-LBS)	QTY.
1	488970P	FITTING, HYD PLUG	-	1
2	585470	FITTING, HYD STRAIGHT	-	2
3	594880	#10 RELIEF, DIFFERENTIAL AREA	25-27	1
	596950	SEAL KIT (NOT SHOWN)		-
4	645197	VALVE, DIRECTION ELEMENT	33-37	1
5	645198	E-COIL, #8 12VDC DEUTSCH	(NUT 4-5)	1
6	645199	VALVE, PRESSURE REDUCING	19-21	1
7	645940	VALVE, SV	19-21	1
8	MP09.74127	FITTING, HYD STRAIGHT	-	2

CONTROL BOX SYSTEM ASSEMBLY

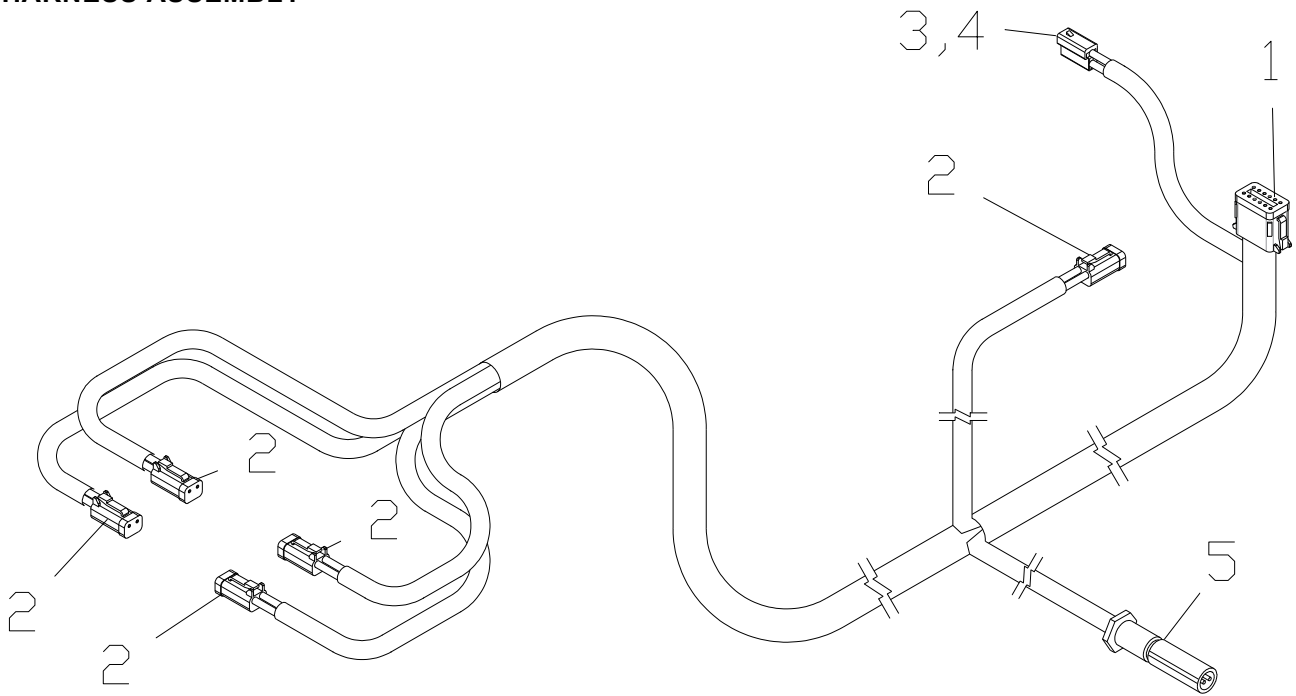
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	587140	CONTROL BOX, W/OVERRIDE & 4' WIRE HARNESS	1
2	587150	HARNESS, WIRE VALVE & ACTUATOR	1
3A	584670	TRANSMITTER, MINI RF 8-BUTTON W/LABEL(BATTERY OPERATED)	1*
	585370	LABEL, MINI-TRANSMITTER 8-BUTTON	-
3B	588480	TRANSMITTER, MICRO RF 8-BUTTON W/LABEL (RECHARGEABLE)	1*
	588490	LABEL, MICRO-TRANSMITTER 8-BUTTON	-
3C	589660	TRANSMITTER, MACRO RF 8-BUTTON W/LABEL (RECHARGEABLE)	1*
	589670	LABEL, MACRO-TRANSMITTER 8-BUTTON	-
*NOTE: THE 8215 IS SHIPPED WITH 589660 MACRO-TRANSMITTER, ANY OF THE OTHER TYPES OF TRANSMITTERS WILL WORK WITH THE SELF-CONTAINED HYDRAULIC SYSTEM.			

CONTROL BOX ASSEMBLY

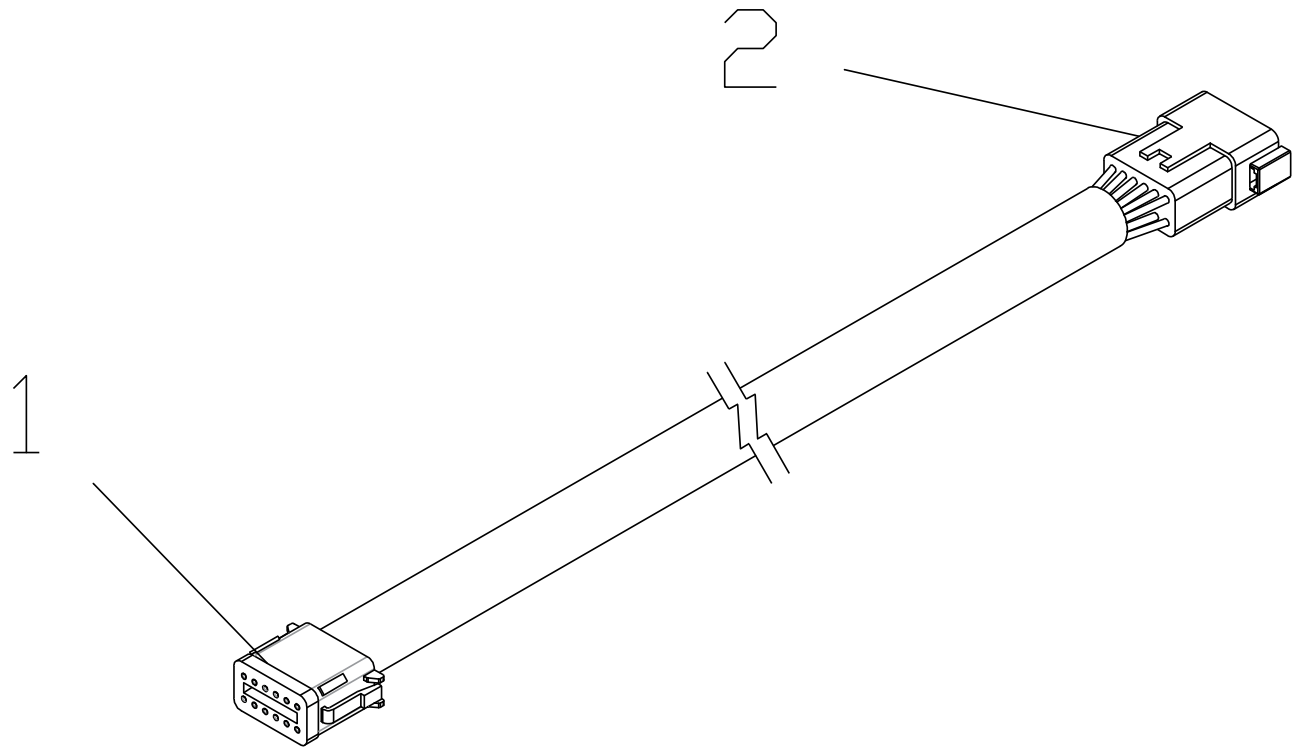


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	587160	RECEIVER, RF 8-OUTPUT KAR-TECH	1
2	589950	RELAY, 12V SPDT 40/20 AMP 5-TERMINAL #75413	2
3	589960	SWITCH, TOGGLE ON-OFF SPDT #44252	1
4	589970	SWITCH, TOGGLE ON-ON SPDT #44252	1
5	589980	SWITCH, TOGGLE MOMENTARY (ON)-OFF-(ON) SPDT #44252	3
6	589990	HOLDER, FUSE 1/4" PUSH-ON TERMINALS	1
7	590410	FUSE, GLASS AGC 30AMP #46130	1
8	212470	SEAL, TOGGLE SWITCH	5
9	590430	CONNECTOR KIT, DEUTSCH DT04-12P (PAGE 71)	1
10	588470	LABEL, CONTROL BOX COMPLETE	-
*NOTE SEE OTHER PAGE FOR ELECTRICAL SCHEMATIC.			

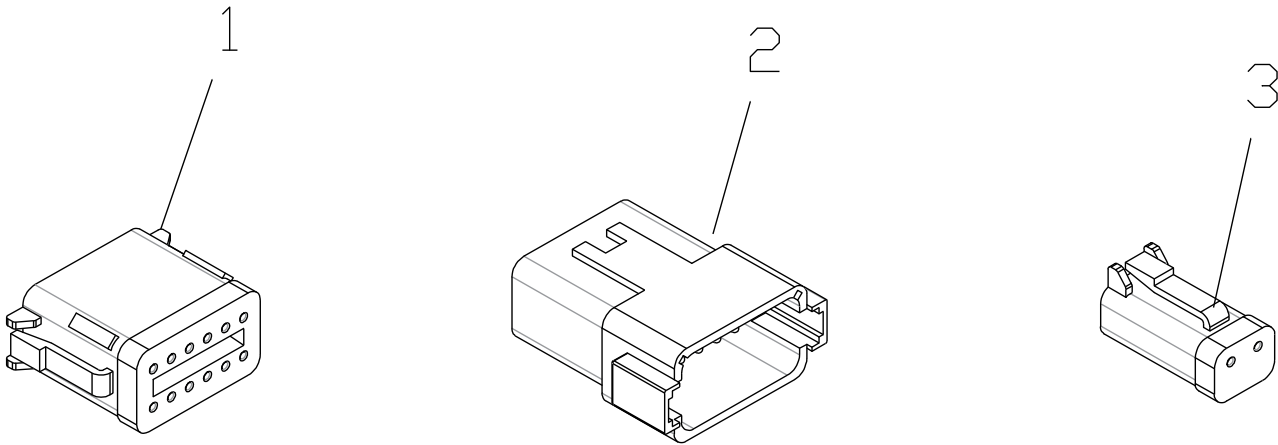
HARNESS ASSEMBLY



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	590420	CONNECTOR KIT, DEUTSCH DT06-12S W/TERMINALS (PAGE 71)	1
2	590440	CONNECTOR KIT, DEUTSCH DT06-2S W/TERMINALS (PAGE 71)	5
3	E376001	INSULATOR, CONNECTOR MALE PACKARD	1
4	E192016	TERMINAL, FEMALE 14-16 GA.	2
5	155220	CONNECTOR, POWER CORD	1
*NOTE SEE OTHER PAGE FOR ELECTRICAL SCHEMATIC.			

HARNESS EXTENSION ASSEMBLY

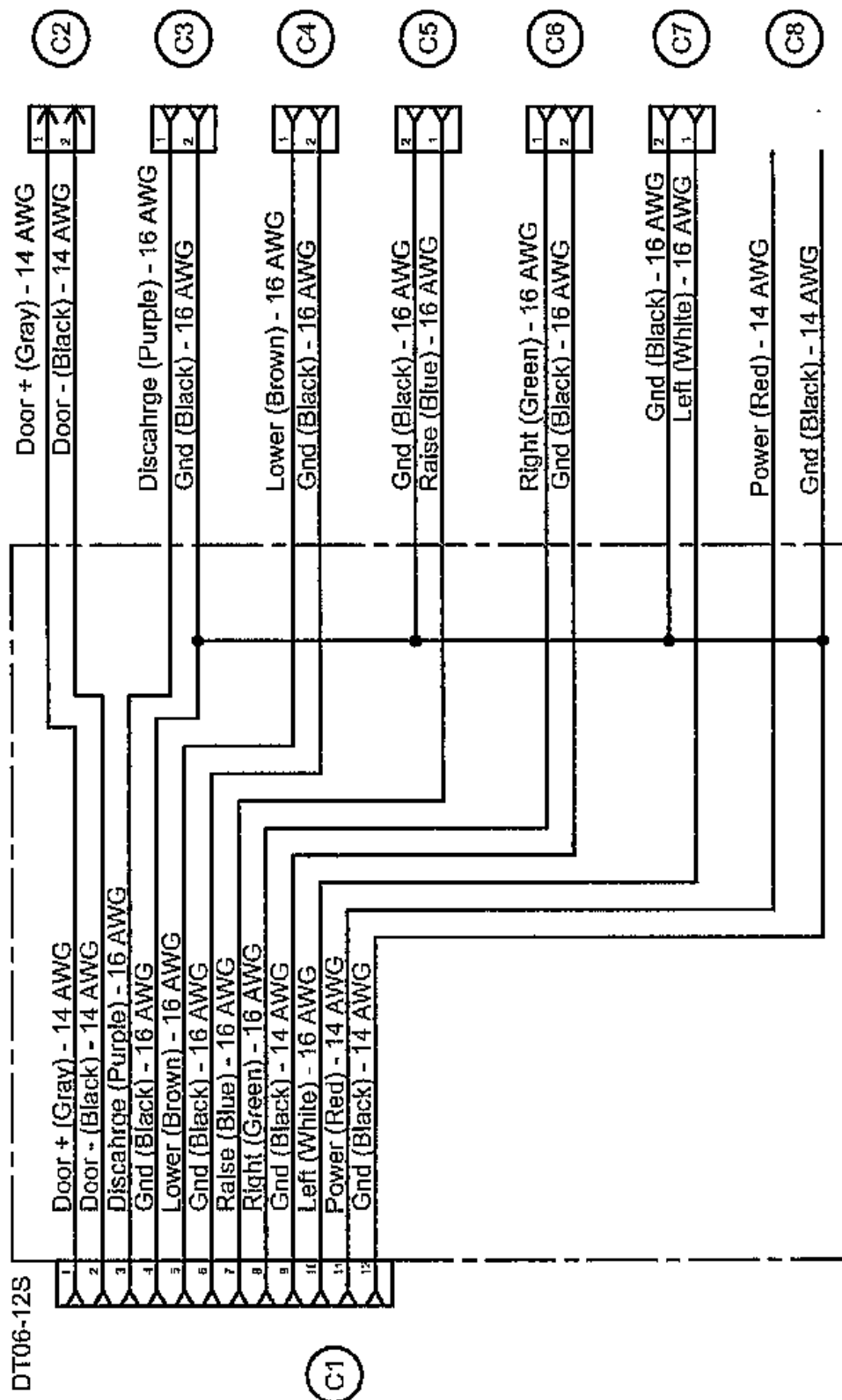
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	590420	CONNECTOR KIT, DEUTSCH DT06-12S W/TERMINALS (PAGE 71)	1
2	590430	CONNECTOR KIT, DEUTSCH DT04-12P W/TERMINALS (PAGE 71)	1
NOTE: 20 FT. WIRE HARNESS EXTENSION CAN BE USED WITH 585710, CONTROL BOX W/OVERRIDE TO ALLOW OPERATION FROM TRACTOR . SEE OTHER PAGE FOR ELECTRICAL SCHEMATIC.			

DEUTSCH CONNECTORS KIT

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	590420	CONNECTOR KIT, DEUTSCH DT06-12S W/TERMINALS	RF
	590470	CONNECTOR, DEUTSCH DT06-12S	1
	590520	WEDGE, LOCK W-12S	1
	590580	TERMINAL, SOCKET 0462-202-16141	12
2	590430	CONNECTOR KIT, DEUTSCH DT04-12P W/TERMINALS	RF
	590480	CONNECTOR, DEUTSCH DT04-12P	1
	590530	WEDGE, LOCK W-12P	1
	590570	TERMINAL, PIN 0460-202-16141	12
3	590440	CONNECTOR KIT, DEUTSCH DT06-2S W/TERMINALS	RF
	590490	CONNECTOR, DEUTSCH DT06-2S	1
	590540	WEDGE, LOCK W-2S	1
	590580	TERMINAL, SOCKET 0462-202-16141	2

WIRING HARNESS ELECTRIC SCHEMATIC

Packard 56 Series Female

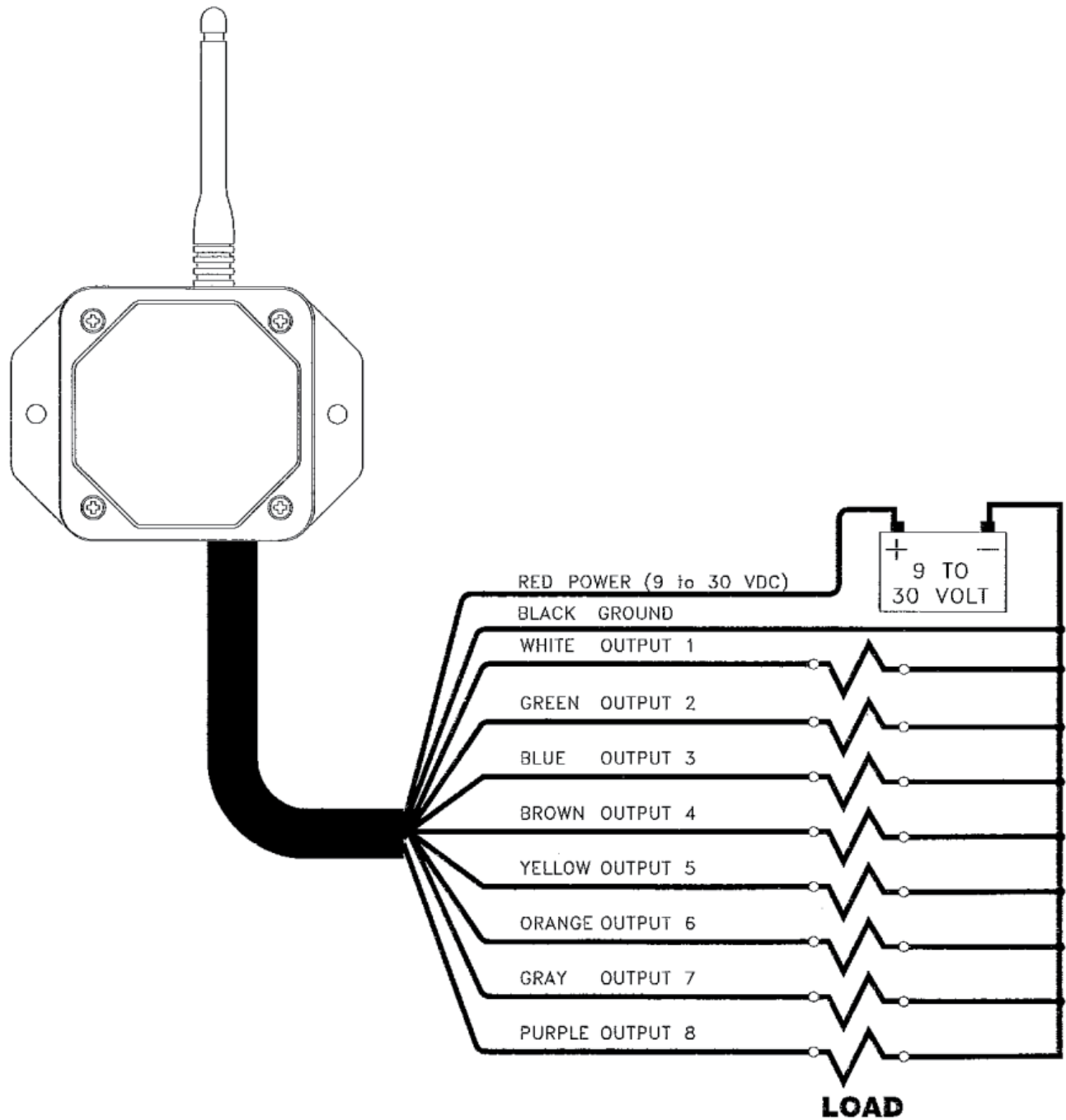


DT06-2S

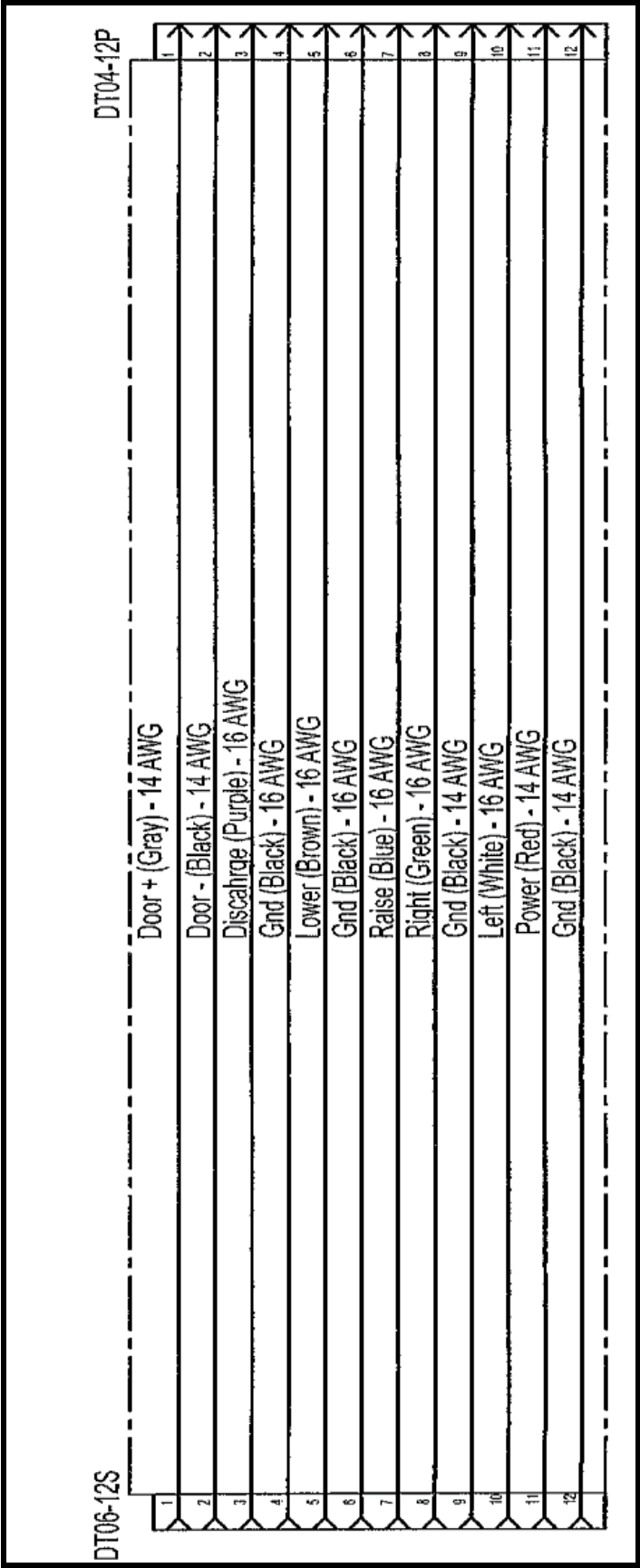
Sockets #0462-201-16141

Wedge W2S

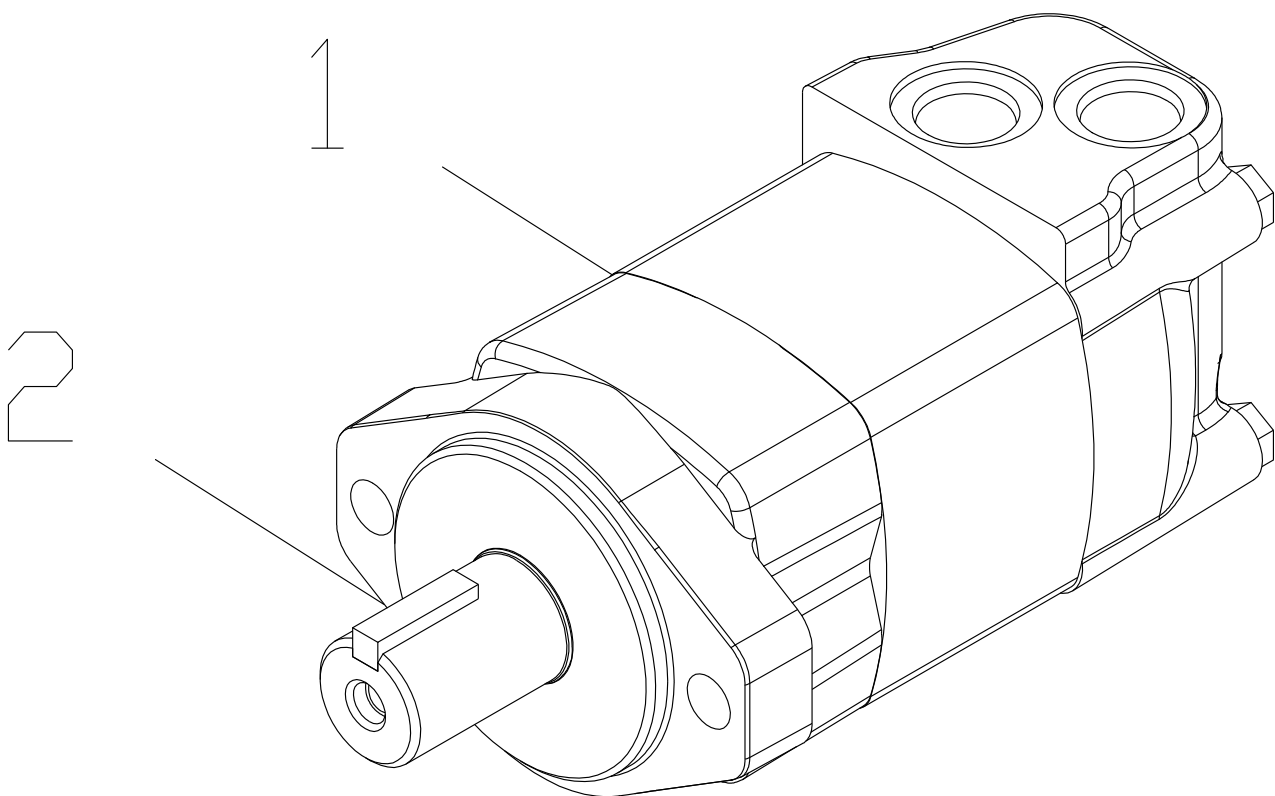
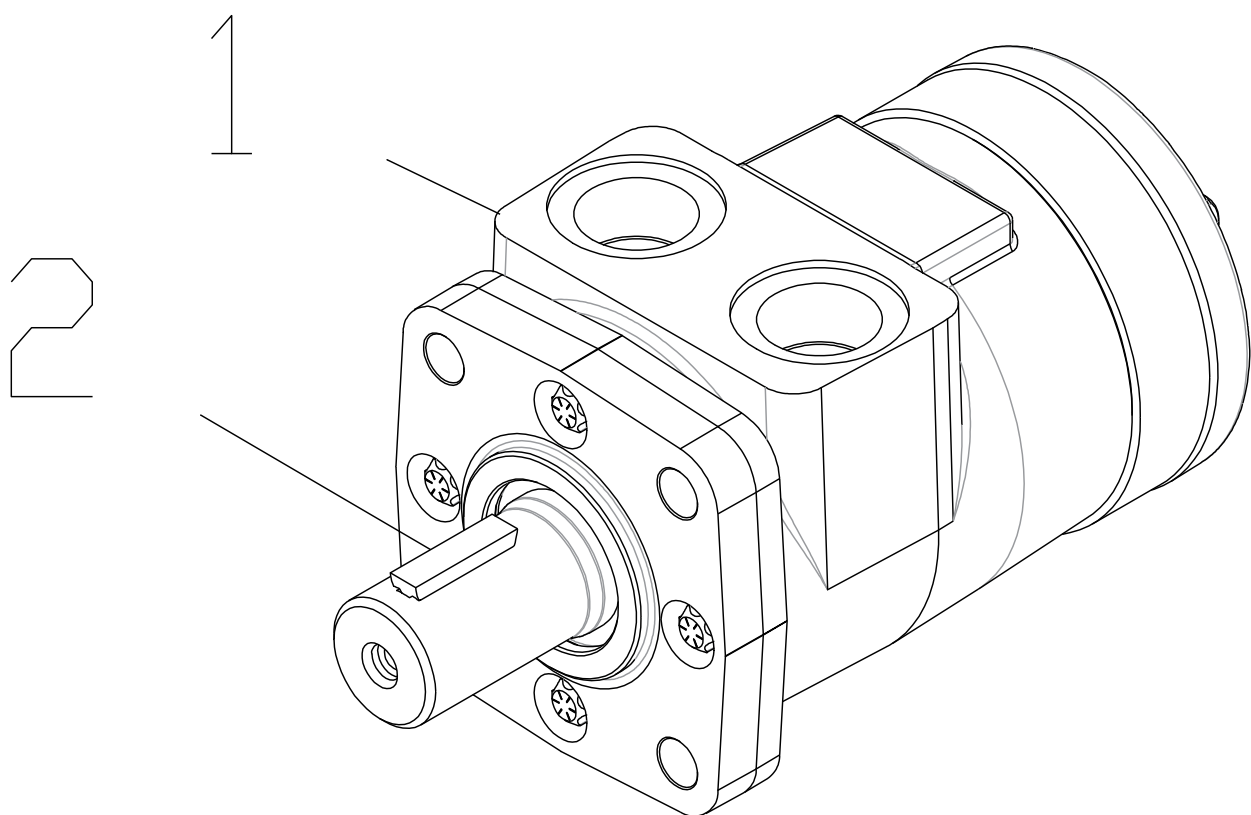
5 Places Typ

RECEIVER ELECTRIC SCHEMATIC

HARNESS EXTENSION ELECTRIC SCHEMATIC



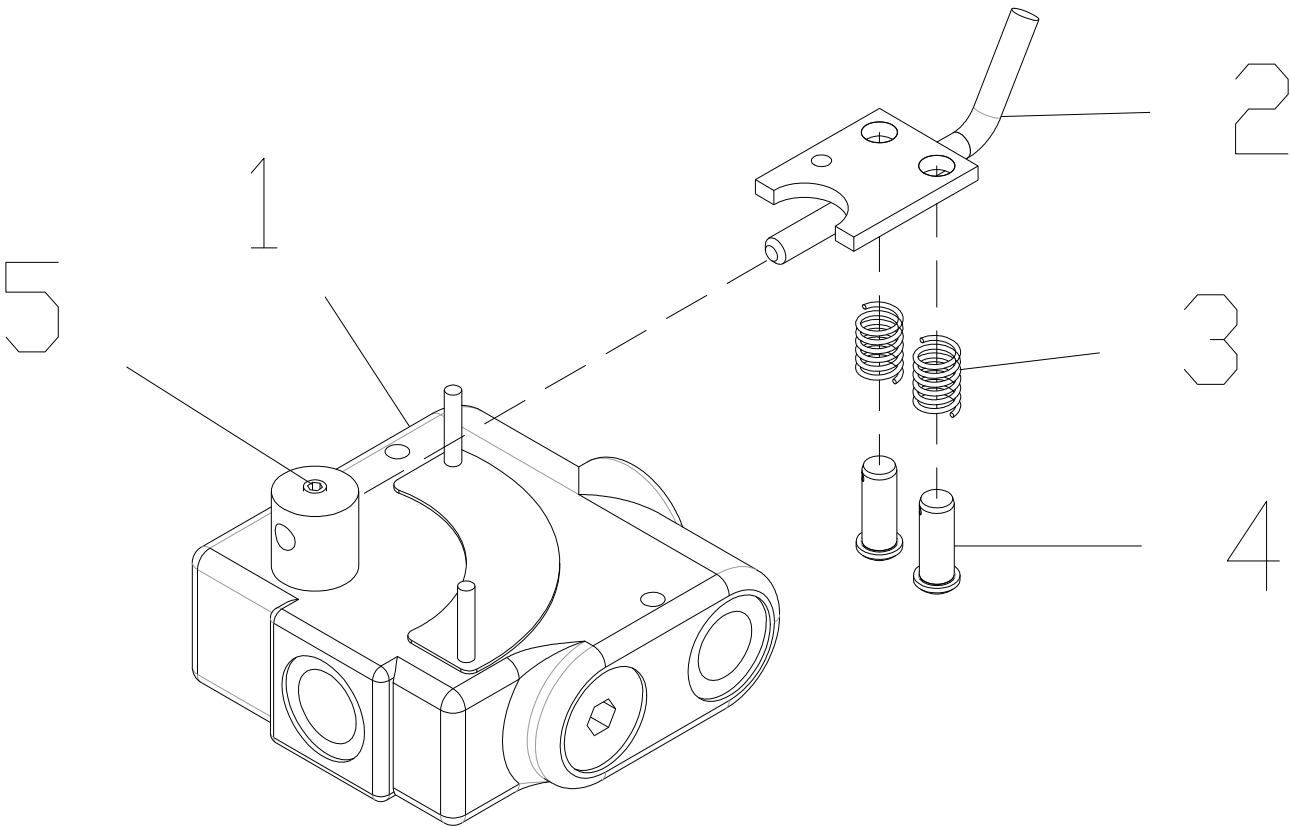
AUGER FEEDER, SWING, & DISCHARGE HYDRAULIC MOTOR KITS



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	586440	MOTOR, HYD. 20 CI DISPLACEMENT -10 SAE O-RING (SWING)	-
	585120	MOTOR, HYD. 12 CI DISPLACEMENT SAE-10 ORB (AUGER & ROLL FEED)	-
2	006180	KEY, WOODRUFF 1/4 X 1 #15 (808)	-
3	1780808	SEAL KIT, EATON 'H'-SERIES MOTOR #60023 (NOT SHOWN)	-
	243040	SEAL KIT, ROSS TRW 'MG'-SERIES MOTOR #SK000090 (NOT SHOWN)	-

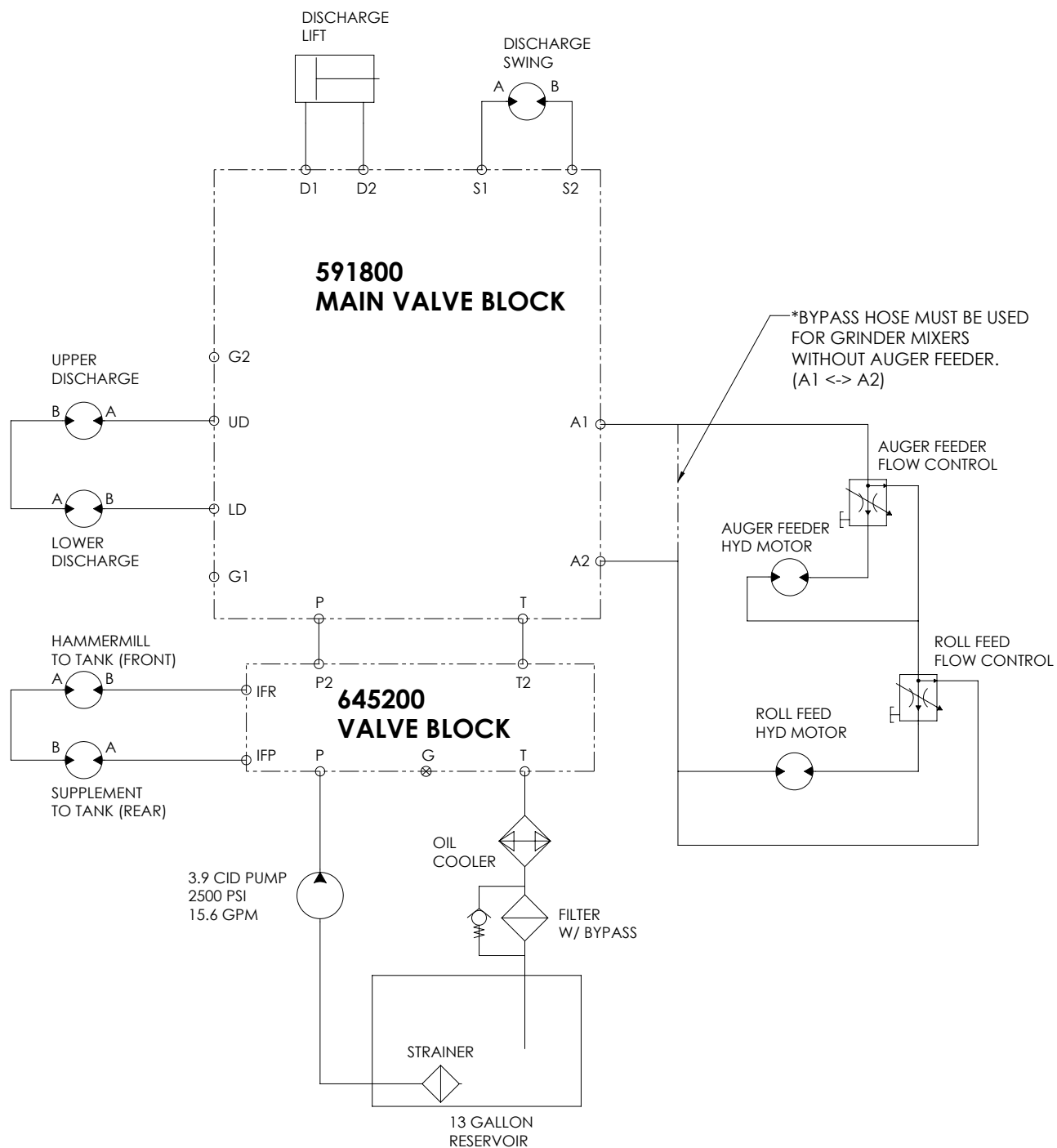
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	576240	MOTOR, HYD. 20 CI DISPLACEMENT SAE-10 O-RING	-
2	020220	KEY, SQUARE 5/16 X 1-1/4	-
3	G214101	SEAL KIT, EATON '2000'-SERIES MOTOR #61258-000 (NOT SHOWN)	-

AUGER FEEDER & ROLL FEED FLOW CONTROL VALVE ASSEMBLY



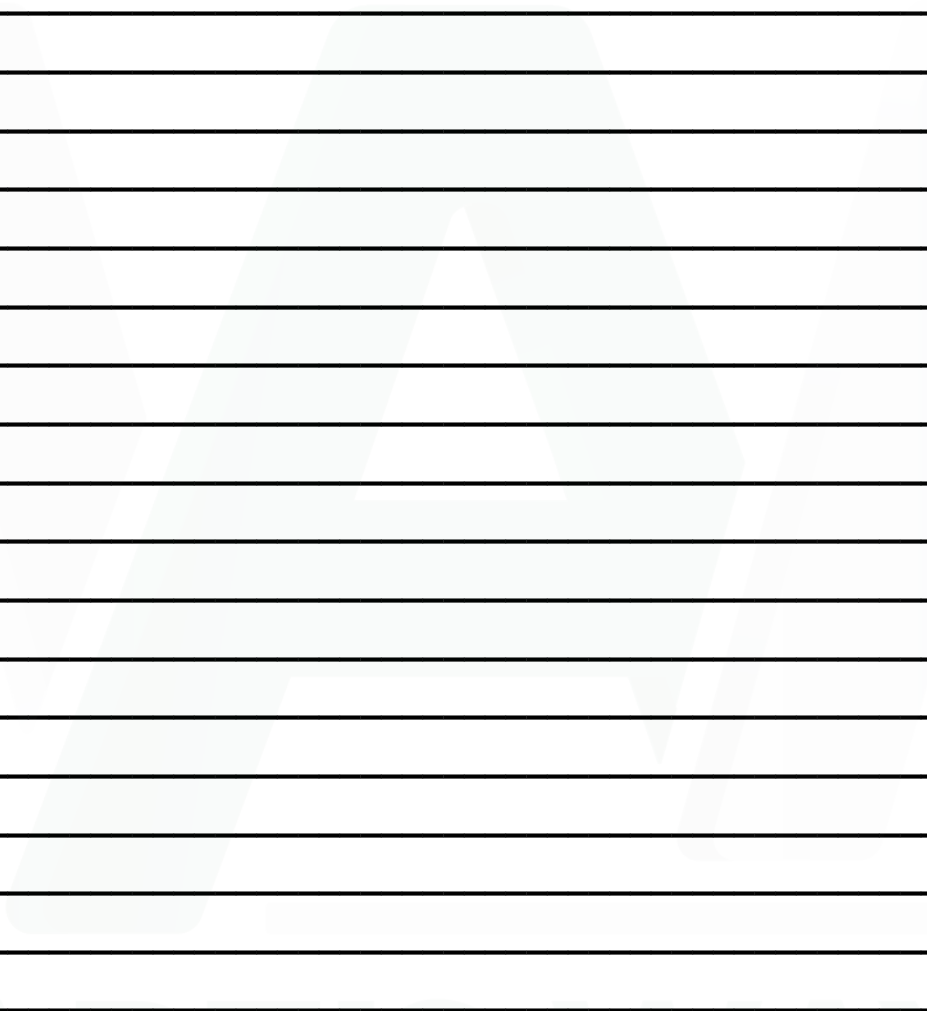
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	585140	VALVE, FLOW CONTROL W/O HANDLE	1
2	161500	LEVER WLDT, HYD. CONTROL	1
3	042390	SPRING, COMPRESSION 0.415 X 0.50 X 1.045 ZN	2
4	012172	PIN, CLEVIS 3/8 X 1	2
5	E672451	SCREW, SHSS 1/4-20 X 1/4	1

HYDRAULIC SCHEMATIC



NOTES:

Manual No. 645920



NOTES:



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 free to download for your convenience.

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