

Illustrated Parts List

**Model 7165
Grinder/Mixer**



Art's Way Manufacturing

626800

Issued March 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 7165 Grinder/Mixer only. Any mention of other machinery in this manual other than the 7165 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 7165 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 7165 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



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 death.

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.

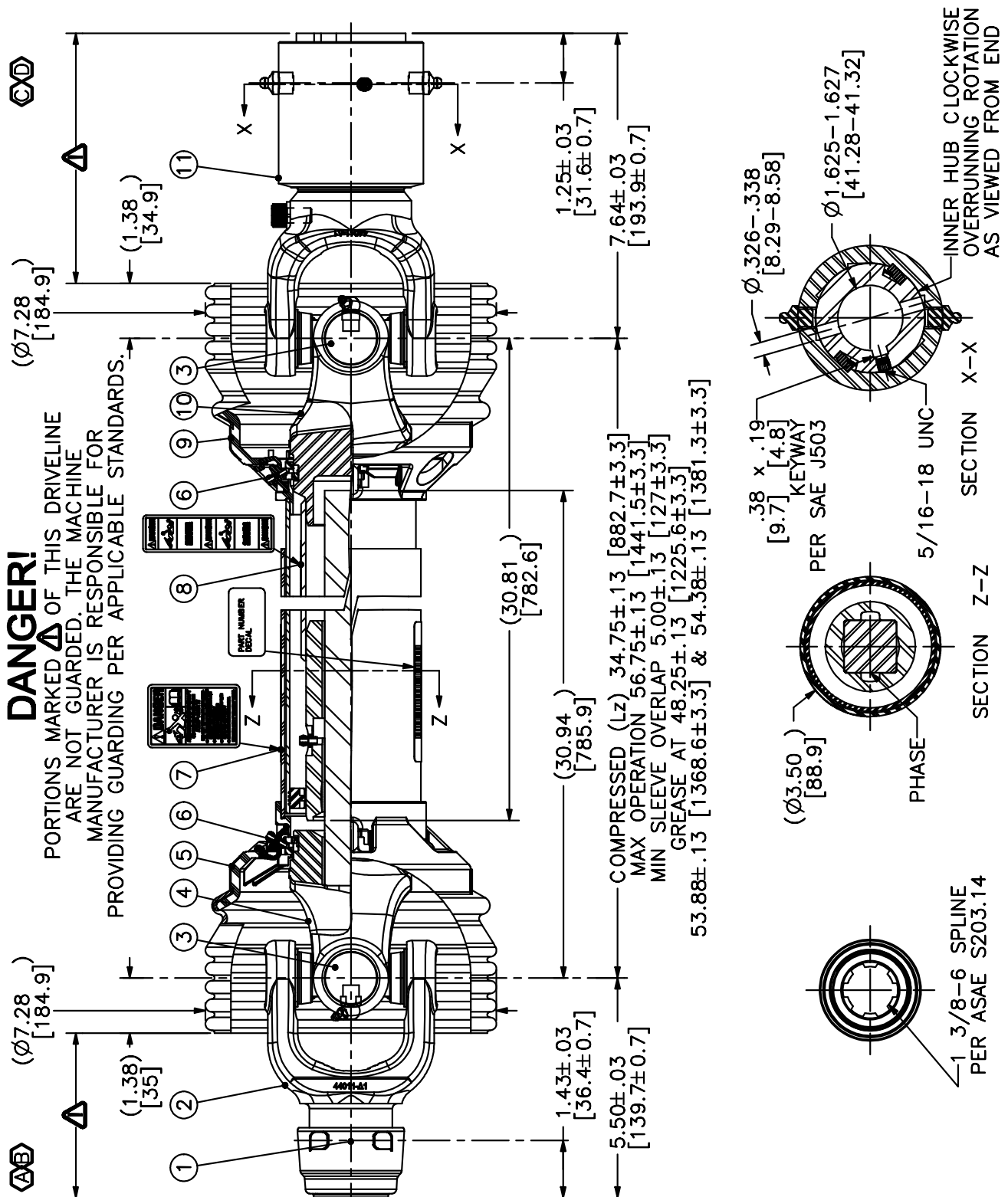


Do not allow spectators, especially children, in the working area.

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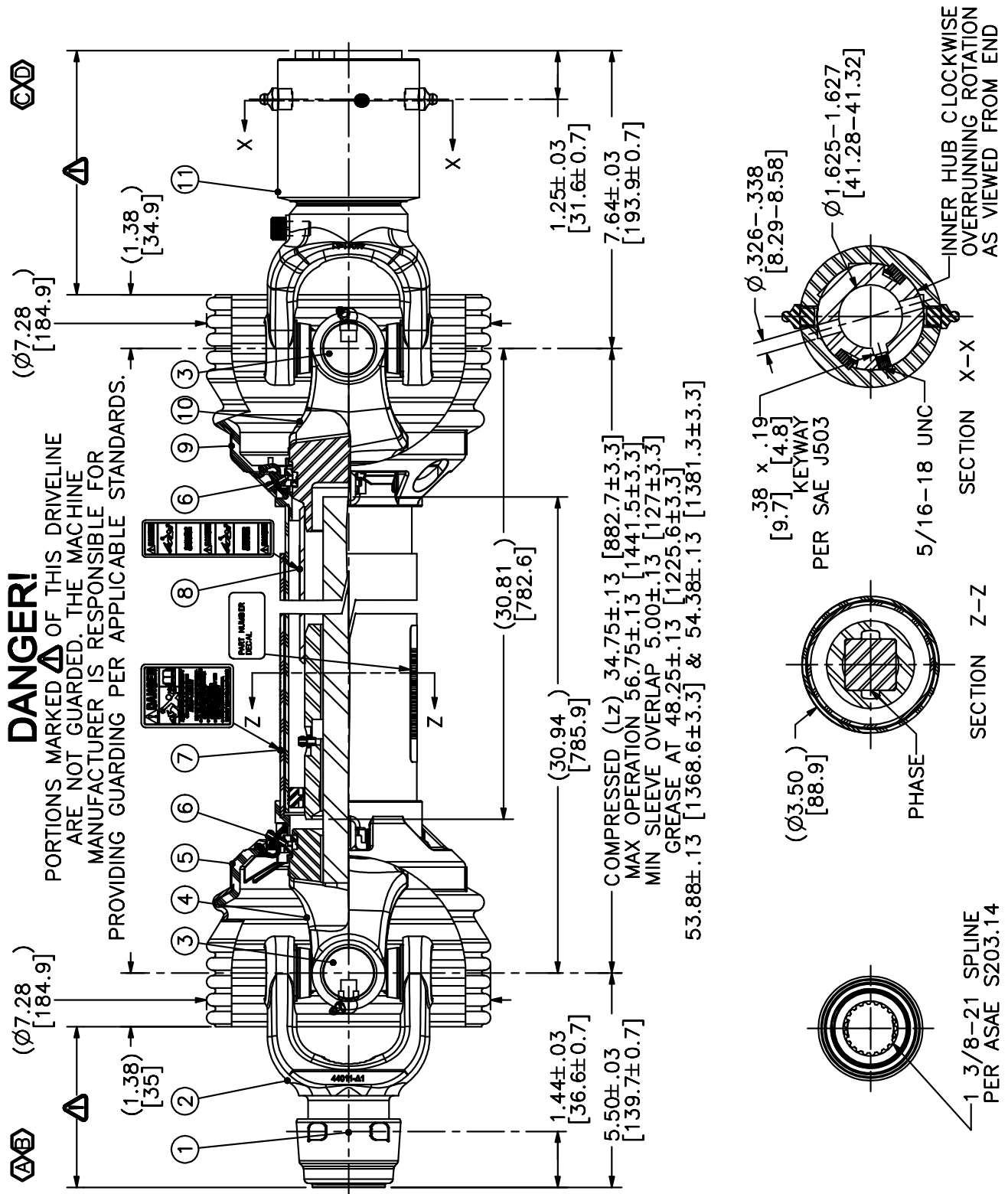
SECTION 1: GRINDER/MIXER

540 RPM DRIVE SHAFT (617200) ASSEMBLY



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	613030	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
*NOT AVAILABLE FROM ART'S WAY			

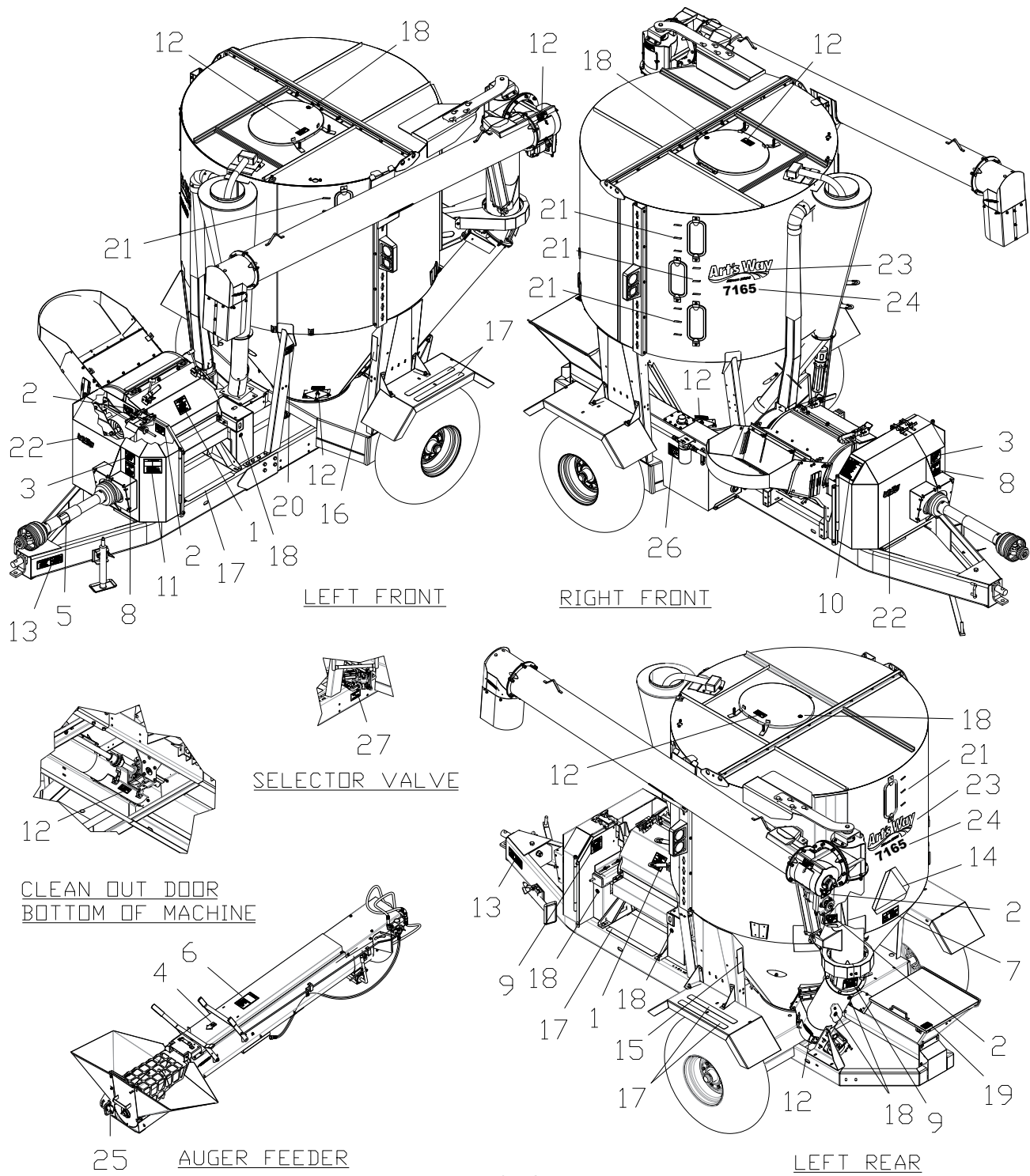
1000 RPM DRIVE SHAFT (617210) (STANDARD) ASSEMBLY



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	613030	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
*NOT AVAILABLE FROM ART'S WAY			

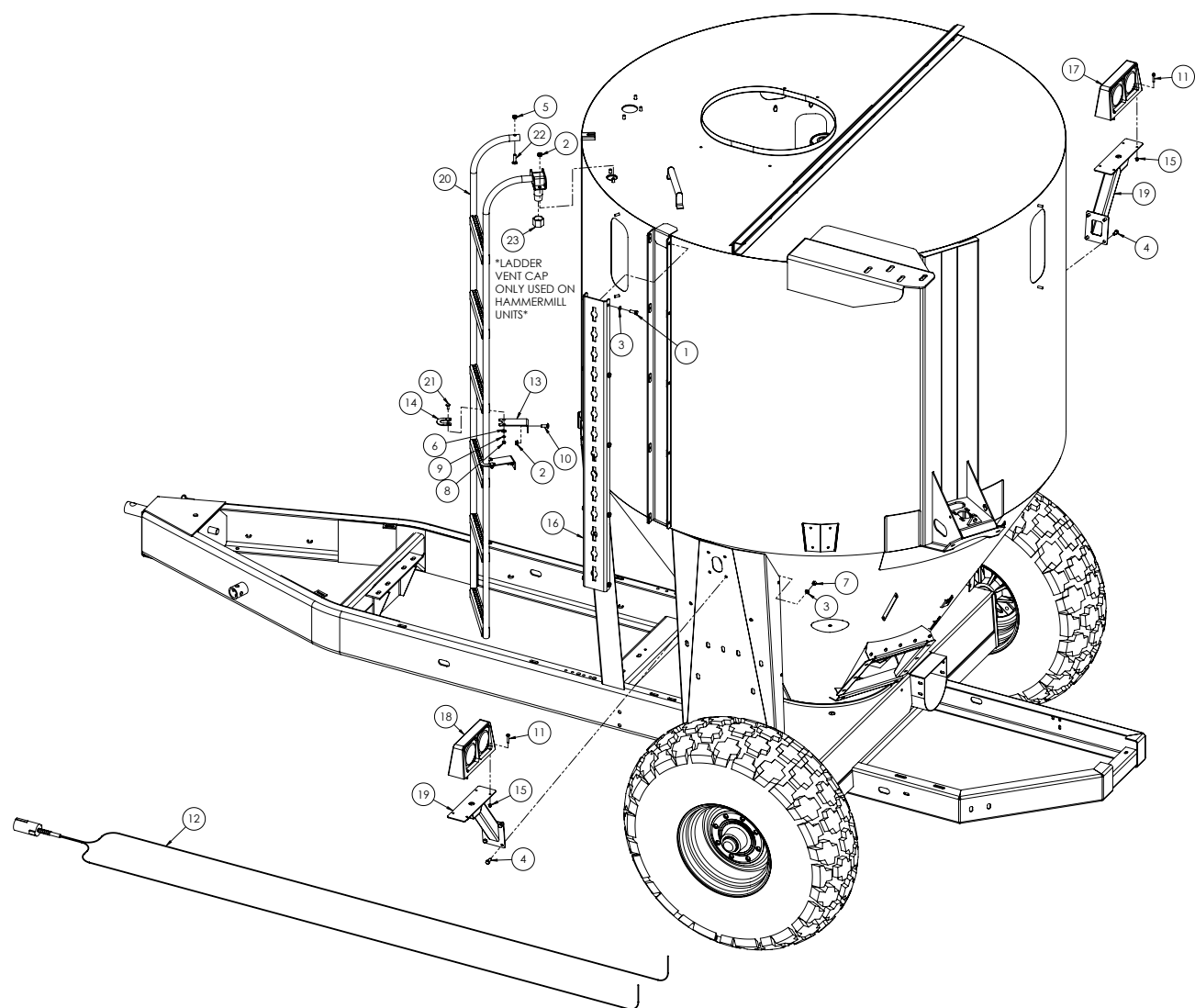
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
A	93-27404*	JOINT & SHAFT HALF, GUARDED	1
B	95-27404*	JOINT & SHAFT HALF	1
C	92-27401*	JOINT & TUBE HALF, GUARDED	1
D	94-27401*	JOINT & TUBE HALF	1
1	26-13387*	REPAIR KIT, SLIDE LOCK/AUTO-LOK	1
2	44211-1004*	YOKE, 44, SLIDE LOCK	1
3	613030	CROSS KIT, 44R	2
4	99-27401*	YOKE & SHAFT (1.31 SQUARE)	1
5	97-27401*	OUTER GUARD	1
6	19-15121*	GUARD REPAIR KIT	2
7	469540P	SAFETY SIGN	1
8	469580P	SAFETY SIGN	1
9	96-27401*	INNER GUARD	1
10	98-27401*	YOKE, TUBE & SLIP SLEEVE	1
11	617204	CLUTCH, 44, OVERRUNNING	1
*NOT AVAILABLE FROM ART'S WAY			

PAINT AND DECALS



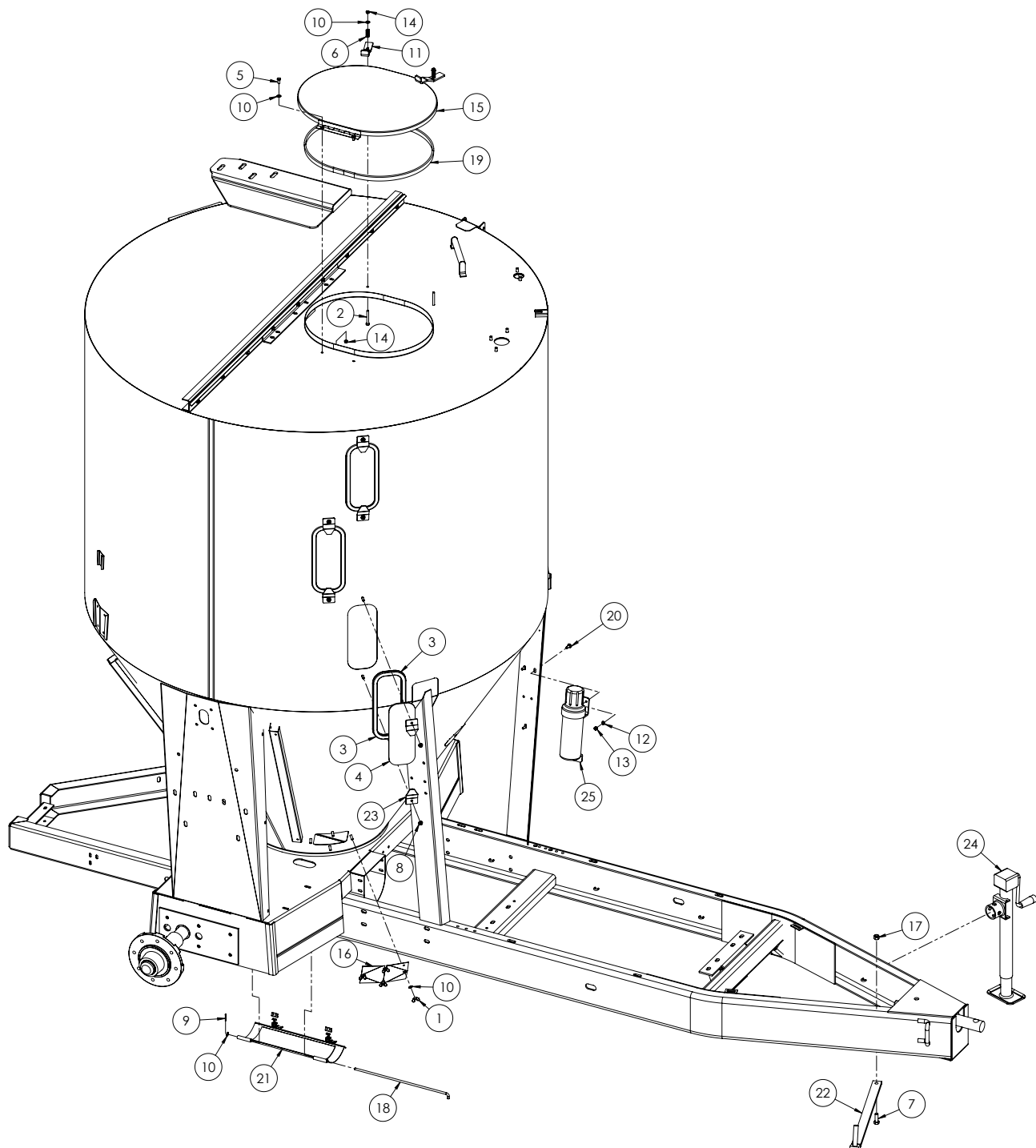
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	363000	DECAL, DANGER ROTATING MECHANISM	1
2	467430	DECAL, DANGER SHIELD MISSING	5
3	384020	DECAL, DANGER 1000 RPM PTO	1
	384030	DECAL, DANGER 565 RPM PTO	
4	158520	DECAL, AUGER FEEDER STOP	1
5	268860	DECAL, DANGER ROTATING DRIVE LINE	1
6	383990	DECAL, DANGER AUGER 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	5
22	626570	DECAL, ART'S WAY LOGO 7.0" BLACK/SILVER	1
23	582430	DECAL, ART'S-WAY LOGO 20.1 CREAM/SILVER	2
24	626560	DECAL, 7165 GRINDER MIXER	2
25	586320	DECAL, DECAL, AF LATCH 'LOCK-'UNLOCK'	1
26	389300	DECAL, IMPORTANT AVOID DESTRUCTION/PUMP	1
27	591750	DECAL, SELECTOR VALVE	1
-	043121P	PAINT, ART'S-WAY GREEN – 16 OZ. SPRAY CAN	-
-	153090P	PAINT, OFF-WHITE – 16 OZ. SPRAY CAN	-
NA	MP01.77800	DECAL, WARNING NO STEP	2

LIGHTS ASSEMBLY

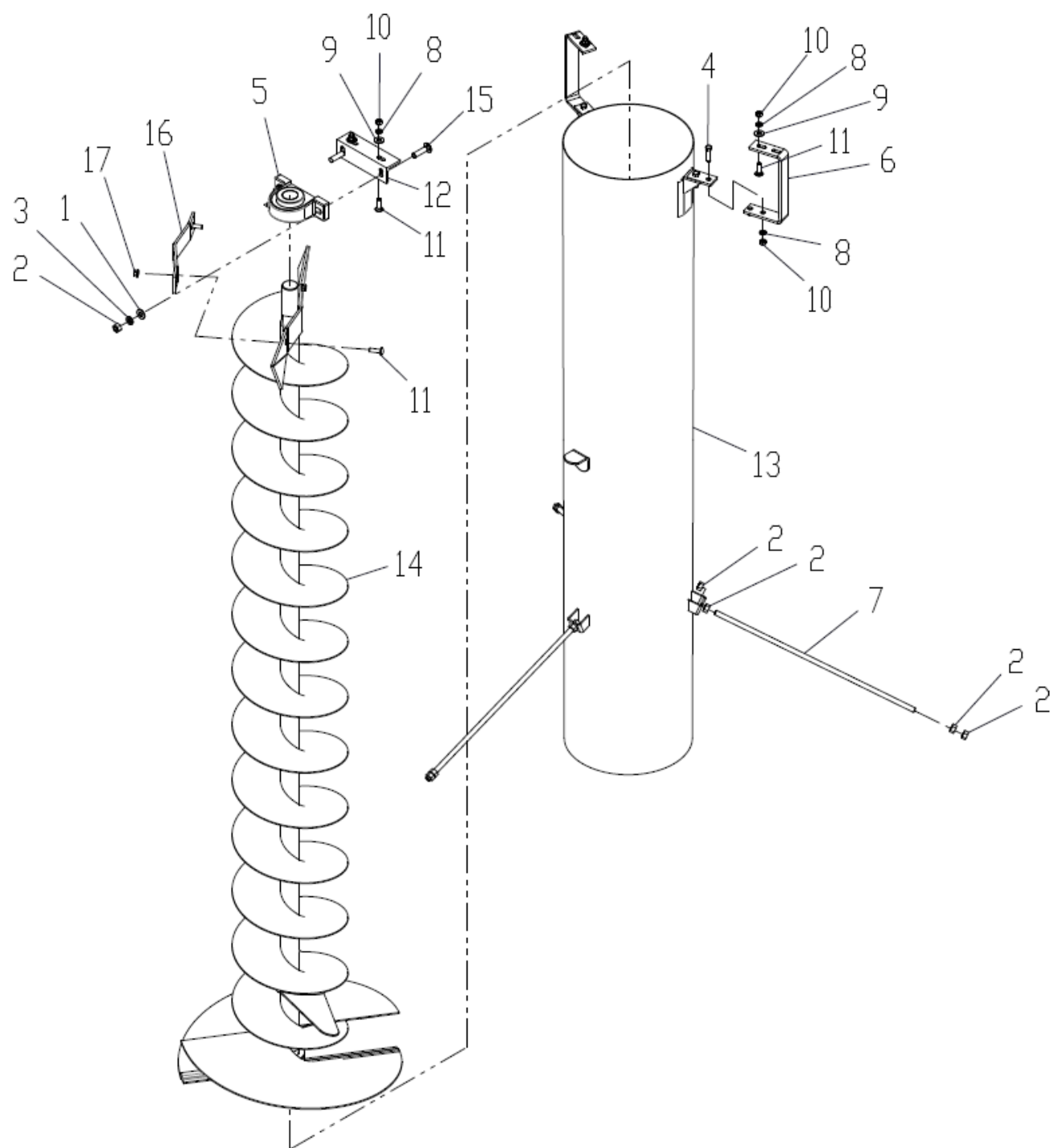


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	012260	BOLT, HHCS 3/8-16 X 1	10
2	020180	NUT, LOCK 3/8-16 Gr5 ZN HEX FLG	4
3	021180	WASHER, LOCK 3/8	18
4	605002	BOLT, BHSCS 3/8-16 X 1"	8
5	023060	NUT, LOCK 3/8-16 2 WAY	1
6	023260	WASHER, FLAT 1/4 STD	4
7	027260	NUT, HEX 3/8-16 GR5 ZN	8
8	027660	NUT, HEX 1/4-20 GR5 ZN	4
9	029440	WASHER, LOCK 1/4 SAE	4
10	170530	BOLT, CRG 3/8-16 X 1"	2
11	V067301	SCREW, SHCS 1/4-20 X 1"	8
12	586360	HARNESS, WISHBONE 288"(3-PIN LIGHTS)	1
	642610	HARNESS, 20' LIGHT (4-PIN LIGHTS)	2
	642600	HARNESS, "Y" SPLITTER (4-PIN LIGHTS)	1
	642620	HARNESS, MAIN 7-PIN ROUND (4-PIN LIGHTS)	1
13	590960	BRACKET, INNER	2
14	590970	BRACKET, OUTER	2
15	037550	NUT, NYLON LOCK 1/4-20	8
16	626470	CHANNEL, COVER SIDE	1
17	626580	LAMP ASSY, LH DUAL (3-PIN)	1
	642590	LAMP ASSY, LH DUAL (4-PIN W/ BRAKE LIGHT)	1
18	626590	LAMP ASSY, RH DUAL (3-PIN)	1
	642580	LAMP ASSY, RH DUAL (4-PIN W/ BRAKE LIGHT)	1
19	626670	MOUNT WLDT, LIGHT	2
20	626730	LADDER WLDT, GM	1
21	E096029	BOLT, CRG 1/4-20 x 3/4	4
22	035180	BOLT, CRG 3/8-16 X 1-1/4	1
23	E276028	PIPE, CAP 1" STANDARD	1

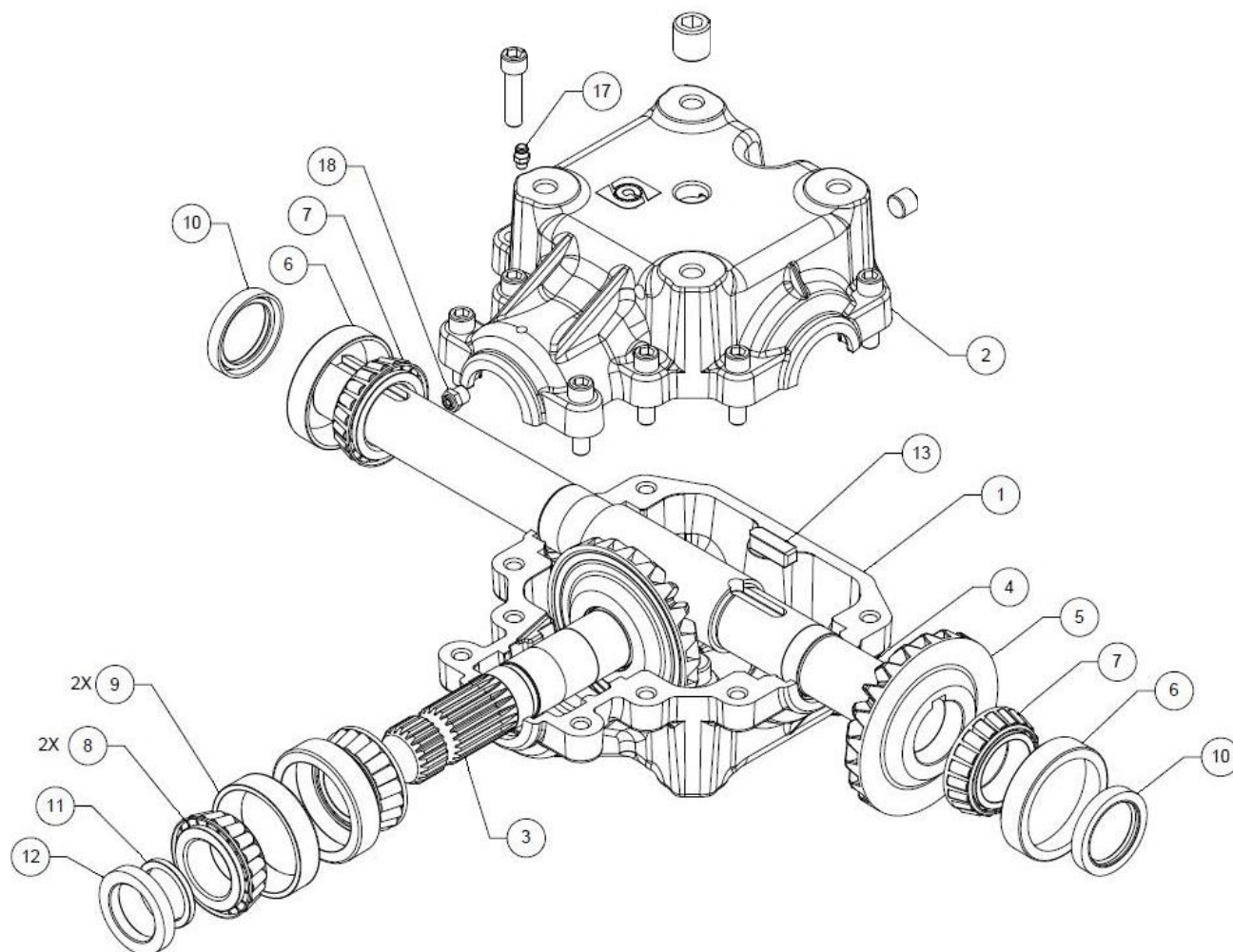
MISC. TANK PARTS ASSEMBLY



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	020190	NUT, LOCK 5/16-18 FLG	8
2	160230	BOLT, HHCS 5/16-18 X 3"	2
3	012020	RUBBER, WINDOW	5
4	012050	GLASS, 4.5 X 12.0	5
5	012410	BOLT, CRG 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 FLG	10
9	021210	PIN, COTTER 3/32 x 1.00	1
10	022920	WASHER, FLAT 5/16 STD	9
11	022930	BRACET, LID	2
12	023620	WASHER, LOCK 5/16	3
13	023630	NUT, HEX 5/16-18 GR5 ZN	3
14	020190	NUT, LOCK 5/16-18 FLG	4
15	035661	LID & HINGE,	1
16	036090	DOOR, CLEANOUT	2
17	037540	NUT, LOCK 1/2-13 GR5 ZN NYLON	1
18	156970	PIN, 5/16 DIA	1
19	164020	SEAL, TANK LID	1
20	012410	BOLT, CRG 5/16-18 X 3/4"	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 GR5, ZN	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	021020	ROD, MIX AUGER	3
8	021180	WASHER, LOCK 3/8 ZN	8
9	021190	WASHER, FLAT 3/8 STD 7/16 X 1 X 5/64 ZN+	4
10	027260	NUT, HEX 3/8-16 GR5 ZN	8
11	035180	BOLT, CRG 3/8-16 X 1-1/4 SSN GR5 ZN	6
12	516090	HANGER, BEARING	1
13	516100	TUBE, MIXING AUGER 165 BU	1
14	577740	AUGER WLDT, SUPERIOR GB 165 BU MIXING	1
15	991200	BOLT, CRG 1/2-13 X 2 GR5 ZN	2
16	035651	PADDLE, MIXING	1
17	020180	NUT, LOCK 3/8-16 GR5 ZN HEX FLG	2

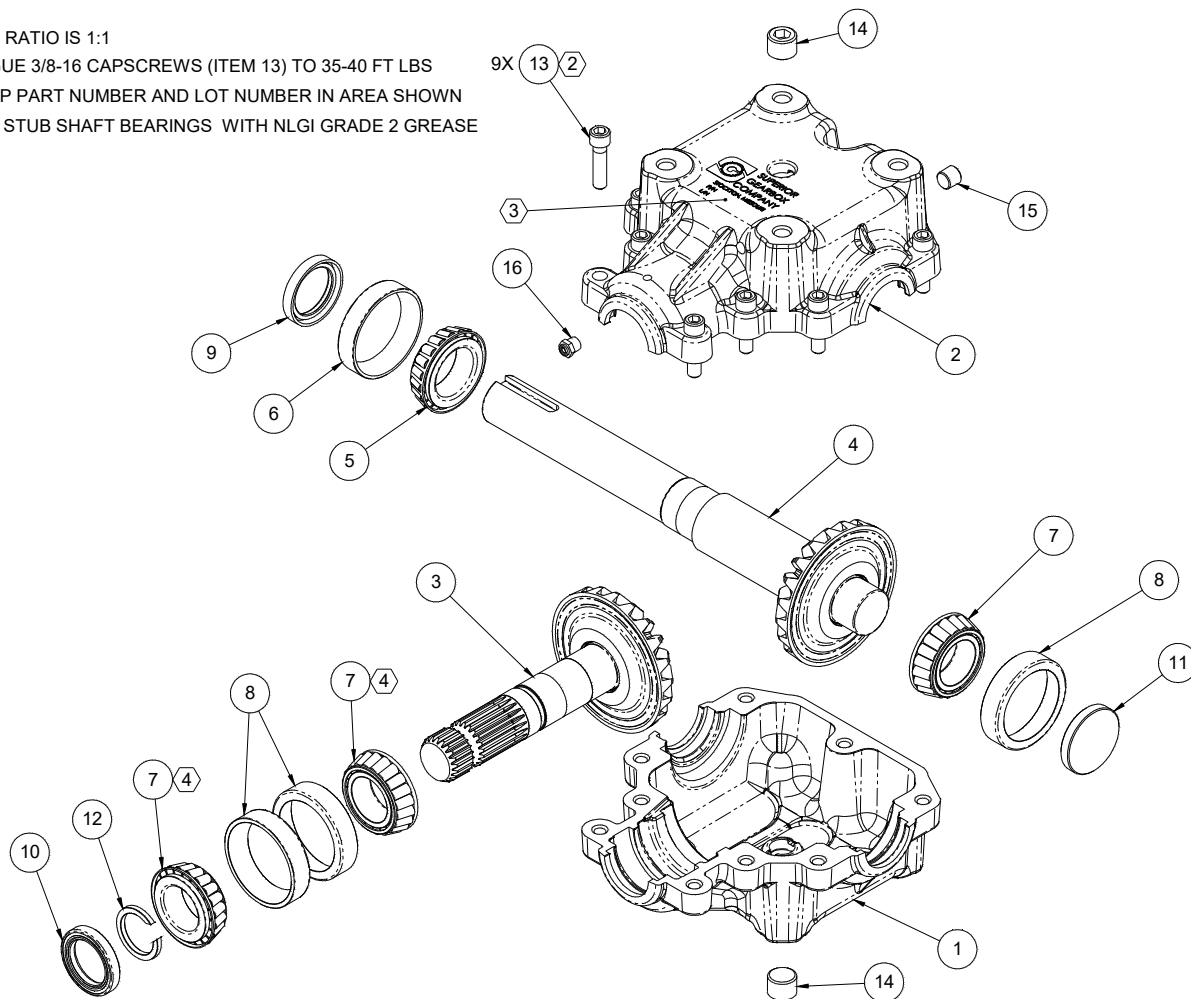
GEARBOX ASSEMBLY (PRIOR TO 2017)

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	586180	GEARBOX, R500-003M-A0536 HOUSING 1/2	1
2	586190	GEARBOX, R500-004M-B0559 HOUSING 1/2	1
3	586200	GEARBOX, R500-8B00-K0280 SHAFT & GEAR	1
4	586210	GEARBOX, R500-1120-K0265 CROSS SHAFT	1
5	586220	GEAR, 1:1 1.50 KEY 51121	1
6	MP905502	BEARING CUP - 2.7170OD #13620	2
7	MP904026	BEARING CONE - 1.5000ID #13687	2
8	MP901102	BEARING CONE - 1.3750ID #14137A	2
9	MP901713	BEARING CUP - 2.7180OD #14276	2
10	586160	514846 SEAL, 1.500-2.00 .313	2
11	U50200005	RING, RETAINING	1
12	U51400006	SEAL, SHAFT TC - 1.375 X 2.00 X .313	1
13	586170	400201 KEY SQ, 3/8 X 1.20	1
17	I21987	ZERK, 1/4-28 TAPER DRIVE THREAD STRAIGHT	1
18	247820	PRESSURE RELIEF 2003PR	1
19	963130	OIL, 80/90 W GL-1 STRAIGHT GEAR OIL	1 GA.

GEARBOX ASSEMBLY (2017-CURRENT)

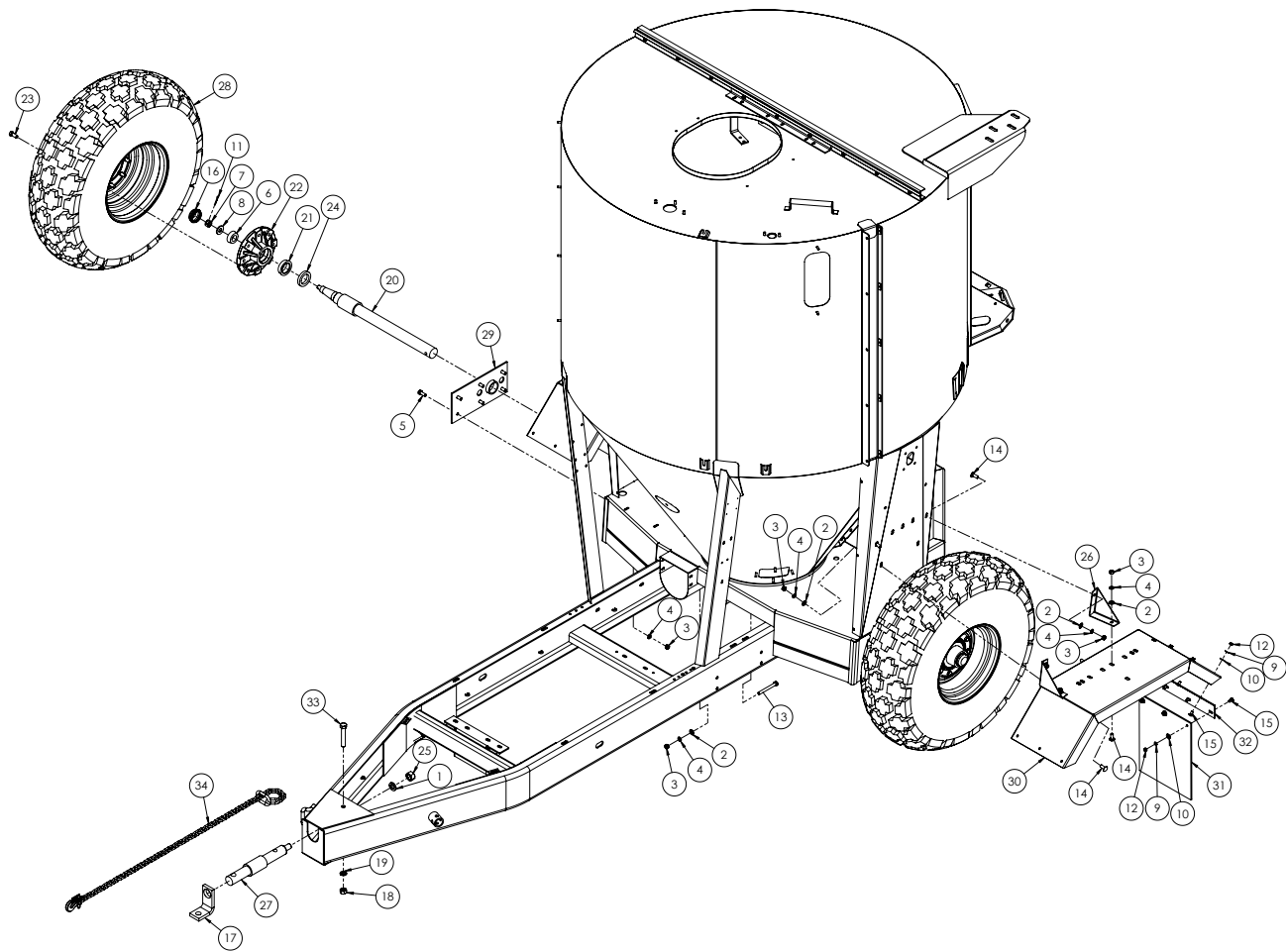
NOTES:

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



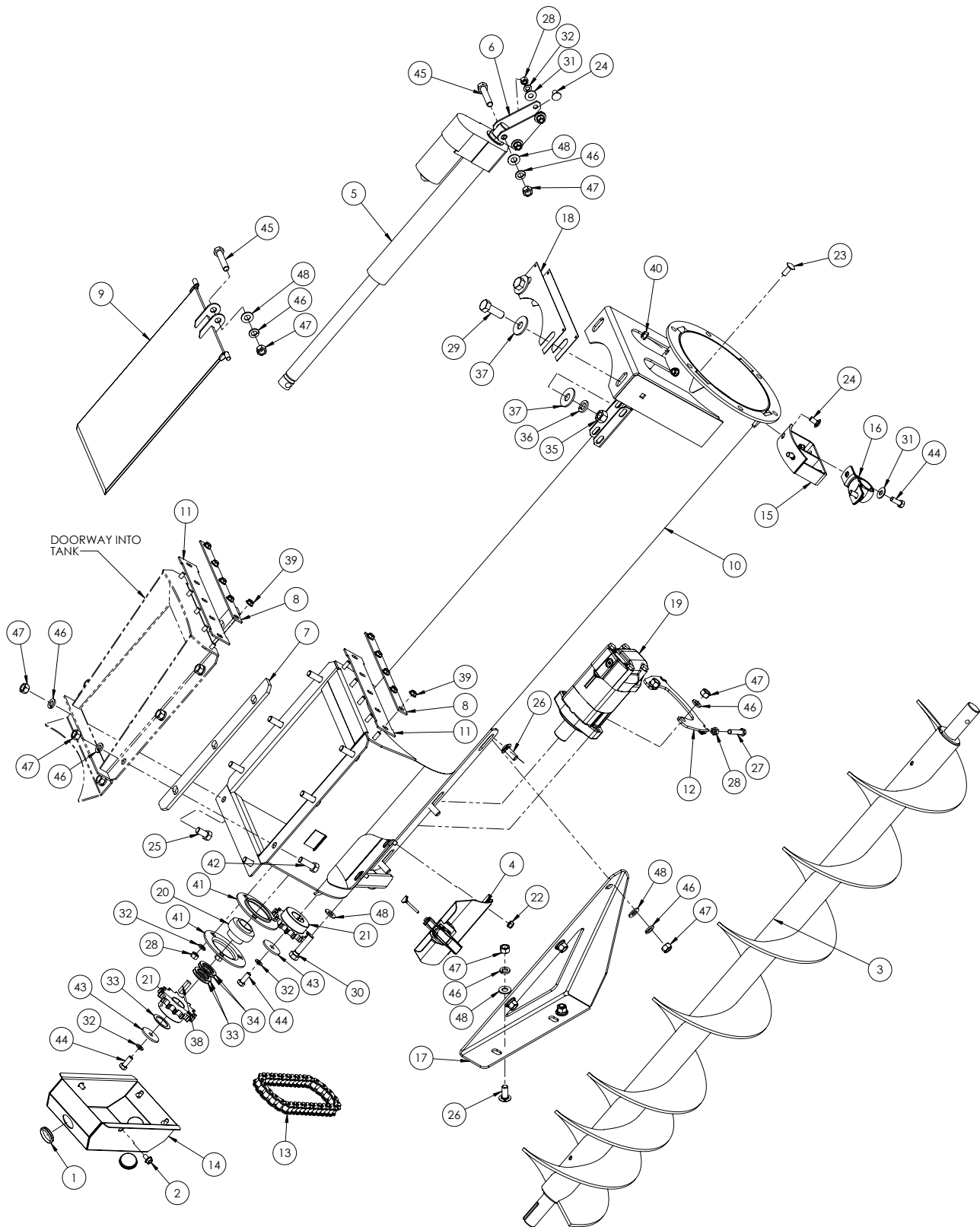
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	586180	GEARBOX, R500-003M-A0536 HOUSING HALF	1
2	586190	GEARBOX, R500-004M-B0559 HOUSING HALF	1
3	586200	GEARBOX, R500-8B00-K0280 SHAFT & GEAR	1
4	586215	GEARBOX, R500-8B00-U0058 SHAFT & GEAR	1
5	MP904026	BEARING CONE - 1.500I.D. #13687	2
6	MP905502	BEARING CUP - 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

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005200	WASHER, FLAT 1/2 STD	8
2	005360	NUT, HEX 1/2-13	7
3	005370	WASHER, LOCK 1/2 ZN	15
4	010730	BOLT, HHCS 1/2-13 X 1-1/4 GR5 ZN	8
5	010990	SCREW, HSSS 5/16-18 X 5/16 KNRD CPPT BLO	10
6	013960	BEARING, PB 1-5/8 W/LC	2
7	020760	KEY, PARALLEL	1
8	384570	CHAIN, ROLLER RC40 X 66-PITCHES	1
9	163770	CHAIN, COUPLER RC60-2 X 14-PITCHES	1
10	021860	SPROCKET, 40B24	1
11	604150	SPACER, .75 O.D. X .51 I.D.	1
12	V061802	BOLT, CRG, 1/2-13 X 3-1/2 GR5 ZN	1
13	040290	RING, RETAINING	1
14	020260	SPROCKET, IDLER RC40-18T	1
15	042370	NYLON INSERT LOCKNUT, 1/4-20 UNC	4
16	042960	BOLT, HHCS 1/4-20 X 1	2
17	047000	BOLT, HHCS 1/4-20 X 1-1/2 GR5 ZN	2
18	021530	KEY, SQ. 3/8 X 2	4
19	461150	SPROCKET, 60B14 COUPLER	1
20	461870	SHAFT, MIXER DRIVE	1
21	461880	SPROCKET, 40A28	1
22	461890	HUB WLDT, SHEAR 1.625 BORE W/3/8 KEYWAY	1
23	469751	HUB, SHEAR 1.625 BORE W/3/8 KEYWAY	1
24	529110	SPROCKET, 60B14 1.44 ID, .38KW & SS	1
25	529200	SPROCKET, D60A36	1
26	577790	GEARBOX, SUPERIOR	1
27	991200	BOLT, CRG 1/2-13 X 2 GR5 ZN	4
28	I486454R1	SHIM, .030 BLADE	AR
29	V061805	BOLT, CRG 1/2-13 X 1-1/4 GR5 ZN	2
30	590980	BRACKET, IDLER MILL-TO-MIXER	1
31	585890	ADAPTER, 90 DEG.	1
32	MP16.21123	CONNECTOR, MALE 3/16	2
33	MP16.21125	TUBING – COPPER, REFRIG. 3/16 OD	1
34	244280	CONNECTOR, BULKHEAD	1
35	244290	NUT, LOCK 1/8-NPSM	1
36	049180	FITTING, 1/4-28 STR ZN	1

WHEELS, AXLES, & FENDERS ASSEMBLY

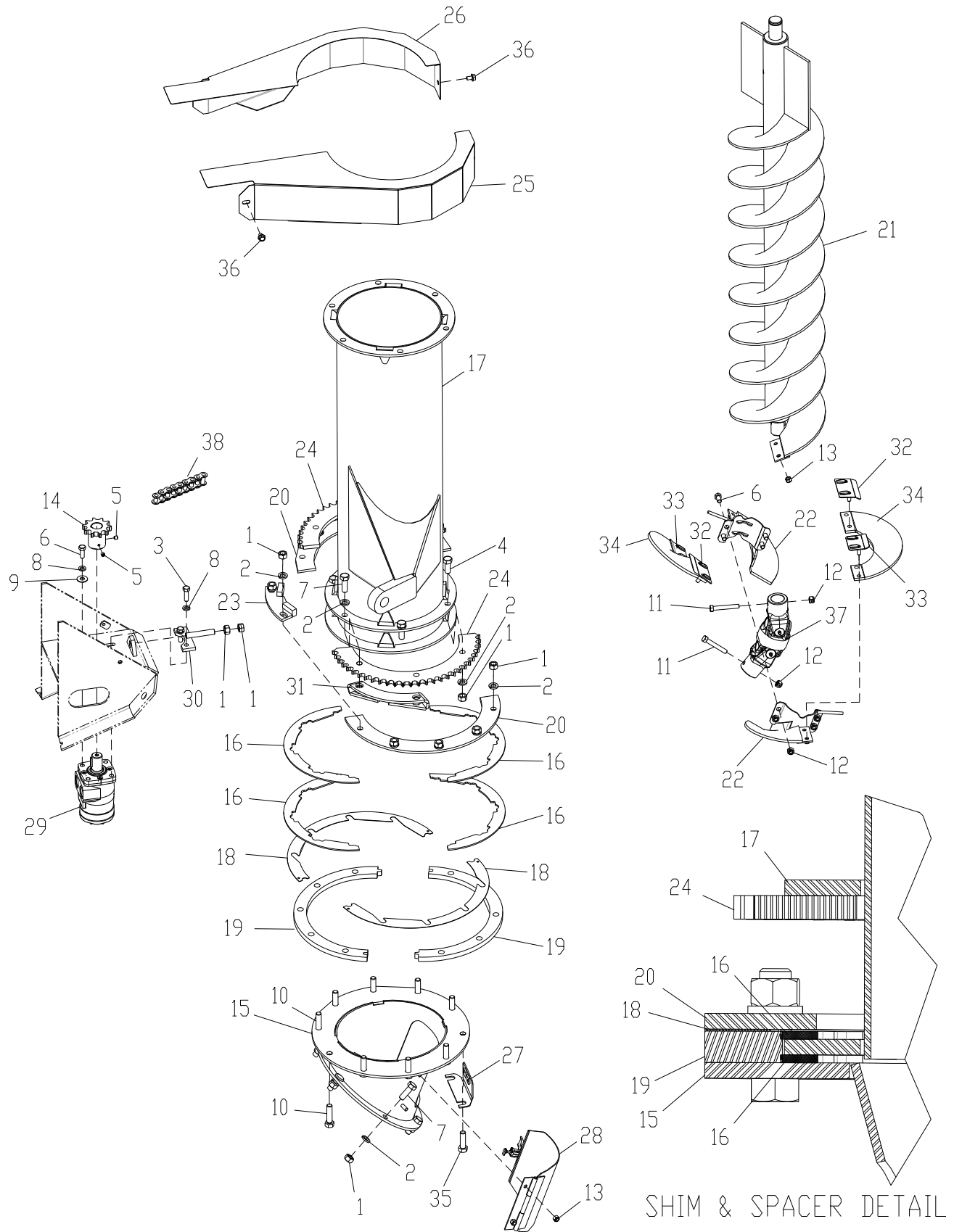
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	003350	WASHER, LOCK 1"	1
2	005200	WASHER, FLAT 1/2 STD	14
3	005360	NUT, HEX 1/2-13	26
4	005370	WASHER, LOCK 1/2	26
5	010730	BOLT, HHCS 1/2-13 X 1-1/4"	12
6	012630	BEARING CONE	2
7	020710	BUT, SLOTTED 3/4-16 GR5 ZN HEX	2
8	020720	WASHER, FLAT	2
9	021180	WASHER, LOCK 3/8	6
10	021190	WASHER, FLAT 3/8 STD	6
11	026630	COTTER PIN, 5/32 X 1-1/2	2
12	027260	NUT, HEX 3/8-16 GR5 ZN	12
13	030420	HBOLT 1/2-13 X 4-1/2" GR5 ZN	2
14	030470	BOLT, CRG 1/2-13 X 1-1/4"	4
15	170530	BOLT, CRG 3/8-16 X 1	12
16	035420	HUBCAP, 2 1/2"	2
17	036740	CLEVIS, 1-7/8	1
18	036750	NUT, HEX 3/4-10	1
19	036800	WASHER, LOCK 3/4 SAE	1
20	040611	WEIGHBAR, SPINDLE	2
21	042310	BEARING CONE	2
22	042330	HUB ASSY, 8-BOLT	2
23	042440	BOLT, LUG 9/16-18 X1-1/8 GR6 ZP	16
24	121130	SEAL, WHEEL	2
25	147310	NUT, HEX 1-8	1
26	159160	SUPPORT, FENDER	2
27	219870	HITCH, 1-7/8 DIA 2-1/8 5-PIN	1
28	659022	TIRE & RIM ASSY, (SILVER)	2
29	363940	BRACKET, MOUNTING	1
30	584070	FENDER WLDT, LARGE	2
31	626430	FLAP, MUD RUBBER 14X18	2
32	626440	BRACKET, MUD FLAP	2
33	991050	HBOLT 0.7500-10X8.5X8.5-N	1
34	1765302	CHAIN, SAFETY 5/16X5'	1

LOWER DISCHARGE ASSEMBLY



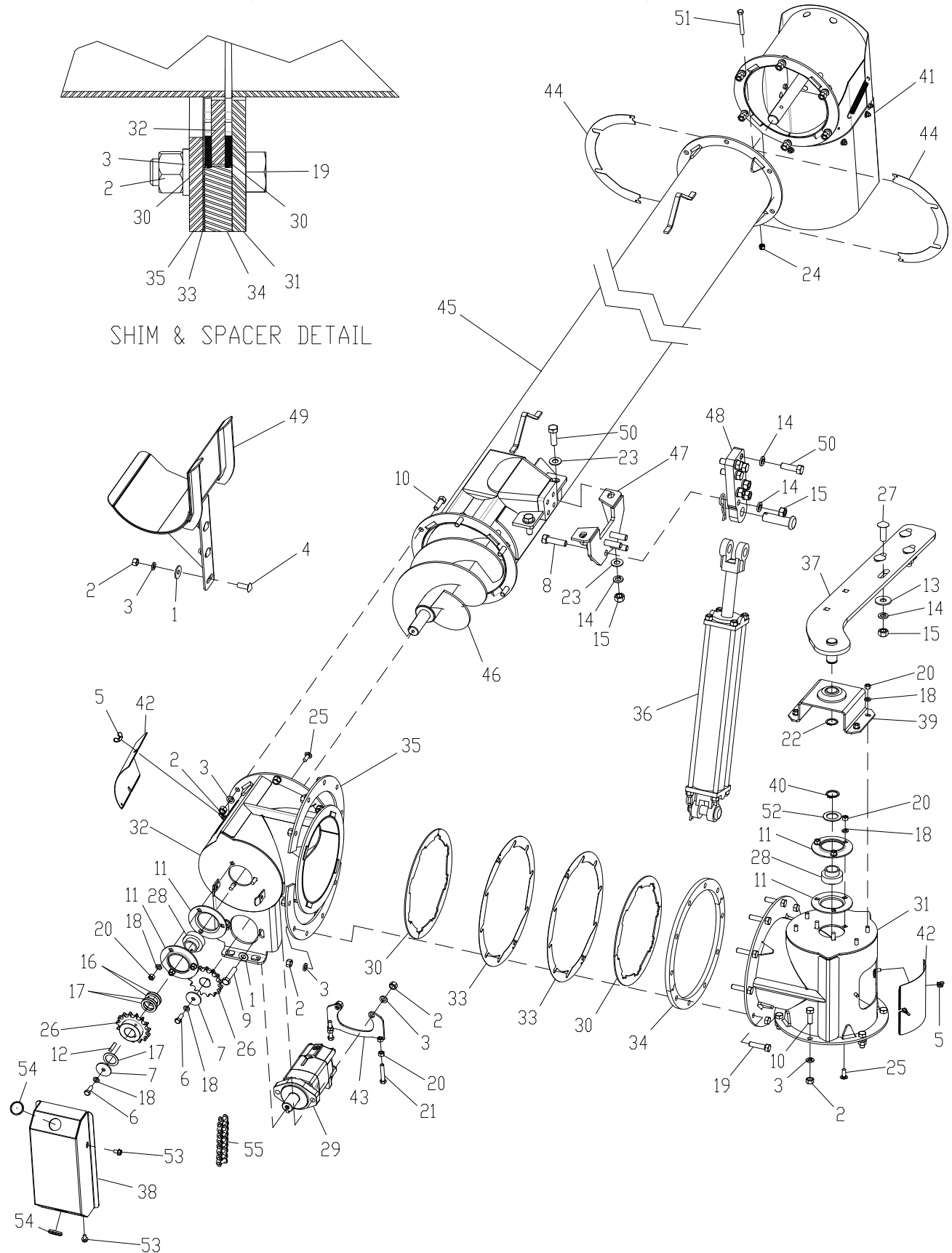
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	SD205165	PLUG, 1-3/8 X .35	2
2	JN71292	SCREW, FLG 5/16-18 X 1/2	4
3	626410	AUGER WLDT,	1
4	592970	DOOR WLDT, LOWER	1
5	591780	ACTUATOR, 12" LINEAR	1
6	591260	PLATE, UPPER	2
7	591240	SPACER, DISCHARGE	2
8	591230	FLAT, SEAL	2
9	591210	GATE WLDT,	1
10	591190	TUBE WLDT,DIAGONAL 10"	1
11	591160	SEAL, RUBBER	2
12	584860	BRACKET WLDT, MOTOR	1
13	584090	CHAIN	1
14	583130	SHIELD	1
15	583030	BRACKET WLDT,	1
16	583020	BEARING, 1.25 SPLIT	1
17	582810	BRACKET, LOWER	1
18	582650	SHIM, .030 DISCHARGE	2
19	576240	MOTOR, HYD 9.6 CID	1
20	461780	BEARING ASSY,	1
21	260070	SPROCKET, 60B15	2
22	181570	NYLON INSERT LOCKNUT, 5/16-18	2
23	170530	BOLT, CRG 3/8-16 X 1"	3
24	032840	BOLT, CRG 3/8-16 X 3/4 SSN GR5 ZN	6
25	031080	BOLT, HHCS 1/2-13 X 1.00	2
26	030470	BOLT, CRG 1/2-13 X 1-1/4"	5
27	029930	HBOLT 0.3750-16X2.25X2.25-N	2
28	027260	NUT, HEX 3/8-16 GR5 ZN	9
29	025100	HBOLT 0.6250-11X1.75X1.75-N	2
30	023950	BOLT, HHCS 1/2-13 X 2 GR5 ZN	2
31	021190	WASHER, FLAT 3/8 STD	6
32	021180	WASHER, LOCK 3/8	9
33	020910	WASHER, FLAT	3
34	020880	WASHER, FLAT	2
35	020450	NUT, HEX 5/8-11	2
36	020440	WASHER, LOCK 5/8	2
37	020430	WASHER, FLAT 5/8 STD	4
38	020220	KEY, SQUARE 5/16 X 1-1/4	1
39	020190	NUT, LOCK 5/16-18 GR5 ZN HEX FLG	10
40	020180	NUT, LOCK 3/8-16 GR5 ZN HEX FLG	4
41	019150	FLG, 1-1/8 BRG	2
42	014770	BOLT, HHCS .50-13X1.50	6
43	012270	WASHER, FLAT	2
44	012260	BOLT, HHCS 3/8-16 X 1	4
45	007080	BOLT, HHCS 1/2-13 X 2-1/2	2
46	005370	WASHER, LOCK 1/2	17
47	005360	NUT, HEX 1/2-13	17
48	005200	WASHER, FLAT 1/2 STD	9

MIDDLE DISCHARGE ASSEMBLY



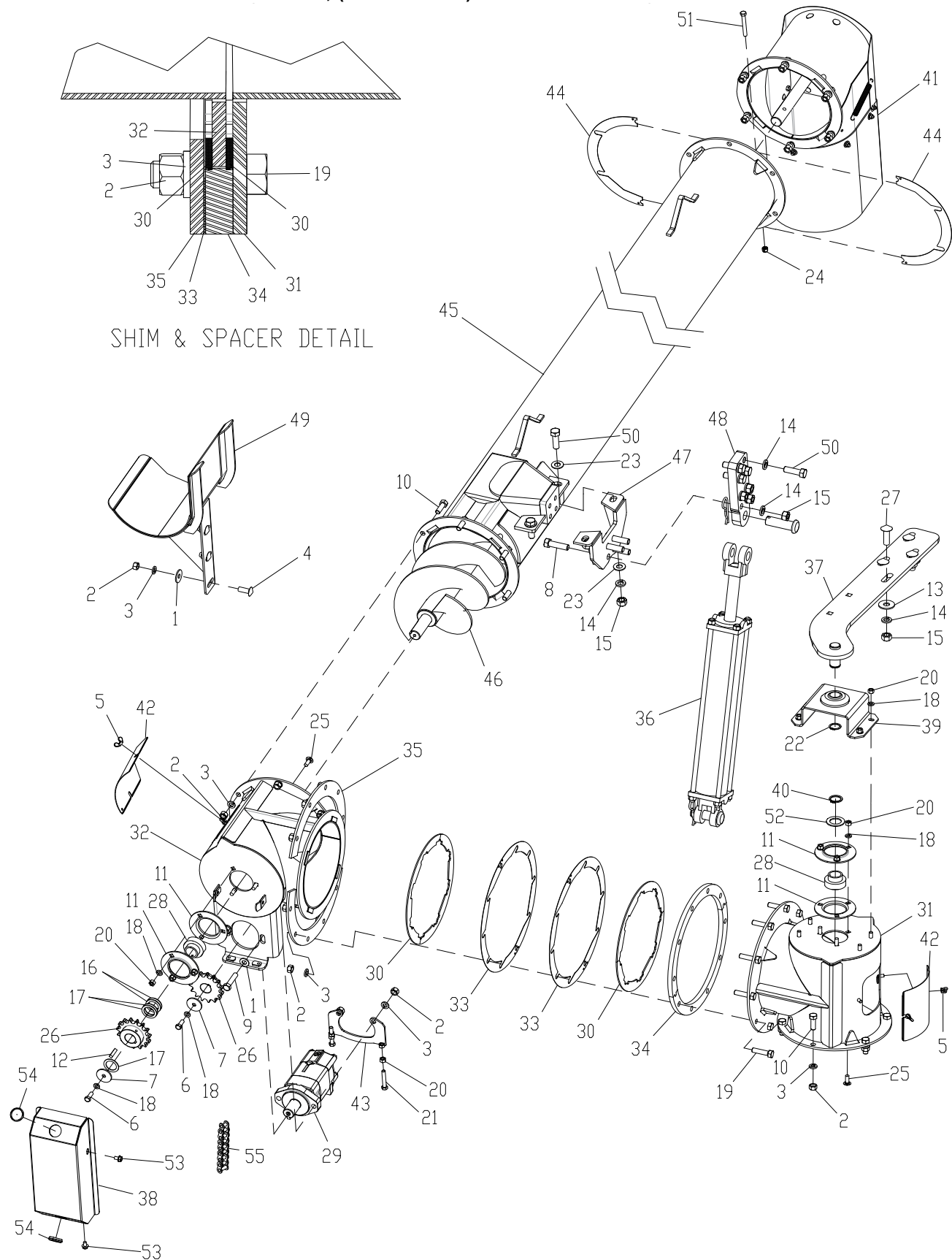
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005360	NUT, HEX 1/2-13	22
2	005370	WASHER, LOCK 1/2 ZN	22
3	006690	BOLT, HHCS 3/8-16 X 1-1/4 GR5 ZN	2
4	010730	BOLT, HHCS 1/2-13 X 1-1/4 GR5 ZN	4
5	010990	SCREW, HSSS 5/16-18 X 5/16	2
6	012260	BOLT, HHCS 3/8-16 X 1 GR5 ZN	6
7	014770	BOLT, HHCS 1/2-13 X 1-1/2 GR5 ZN	6
8	021180	WASHER, LOCK 3/8 ZN	4
9	021190	WASHER, FLAT 3/8 STD ZN	2
10	023950	BOLT, HHCS 1/2-13 X 2 GR5 ZN	2
11	037630	BOLT, HHCS 3/8-16 X 2-1/2 GR5 ZN	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 GR5 ZN 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
*INSTALLED AS NEEDED FOR EXTREME HAY/FIBEROUS FEED (NOT FACTORY INSTALLED)			

UPPER DISCHARGE ASSEMBLY

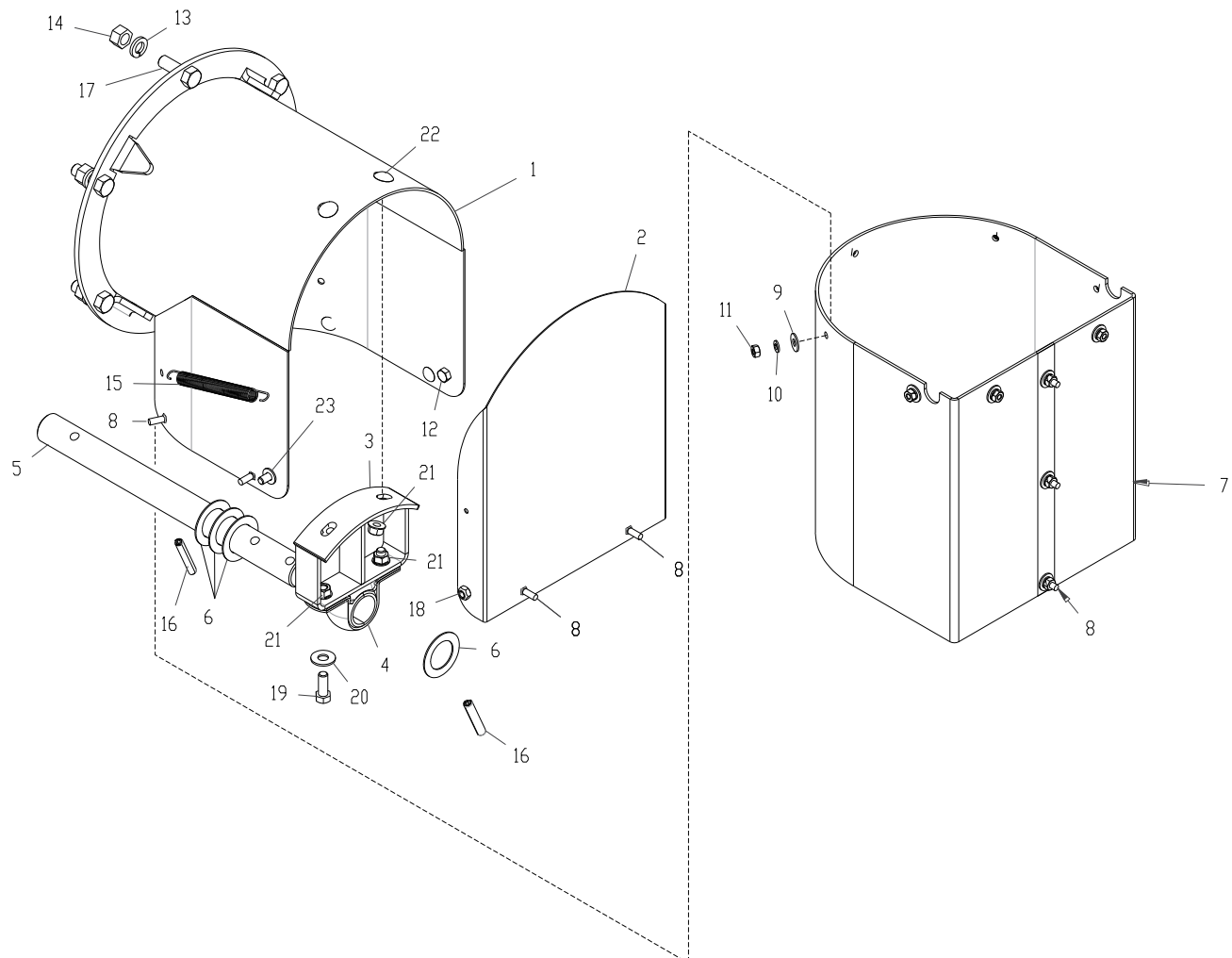


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005200	WASHER, FLAT 1/2 STD	5
2	005360	NUT, HEX 1/2-13	27
3	005370	WASHER, LOCK 1/2 ZN	27
4	156850	BOLT, CRG 1/2-13 X 1-1/2 SSN GR5 ZN	3
5	009790	NUT, WING 5/16-18 TYPE A ZN	4
6	012260	BOLT, HHCS 3/8-16 X 1 GR5 ZN	2
7	012270	WASHER, FLAT 3/8 STANDARD ZN	2
8	013430	BOLT, HHCS 5/8-13 X 2-1/4 GR5 ZN	4
9	013790	BOLT, HHCS 1/2-13 X 2-1/4 GR5 ZN	2
10	014770	BOLT, HHCS 1/2-13 X 1-1/2 GR5 ZN	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 GR5 ZN	10
20	027260	NUT, HEX 3/8-16 GR5 ZN	12
21	029930	BOLT, HHCS 3/8-16 X 2-1/4 ZN GR5	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 SSN GR5 ZN	6
26	260070	SPROCKET, 60B15	2
27	452990	BOLT, CRG 5/8-11 X 2 GR5 ZN	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

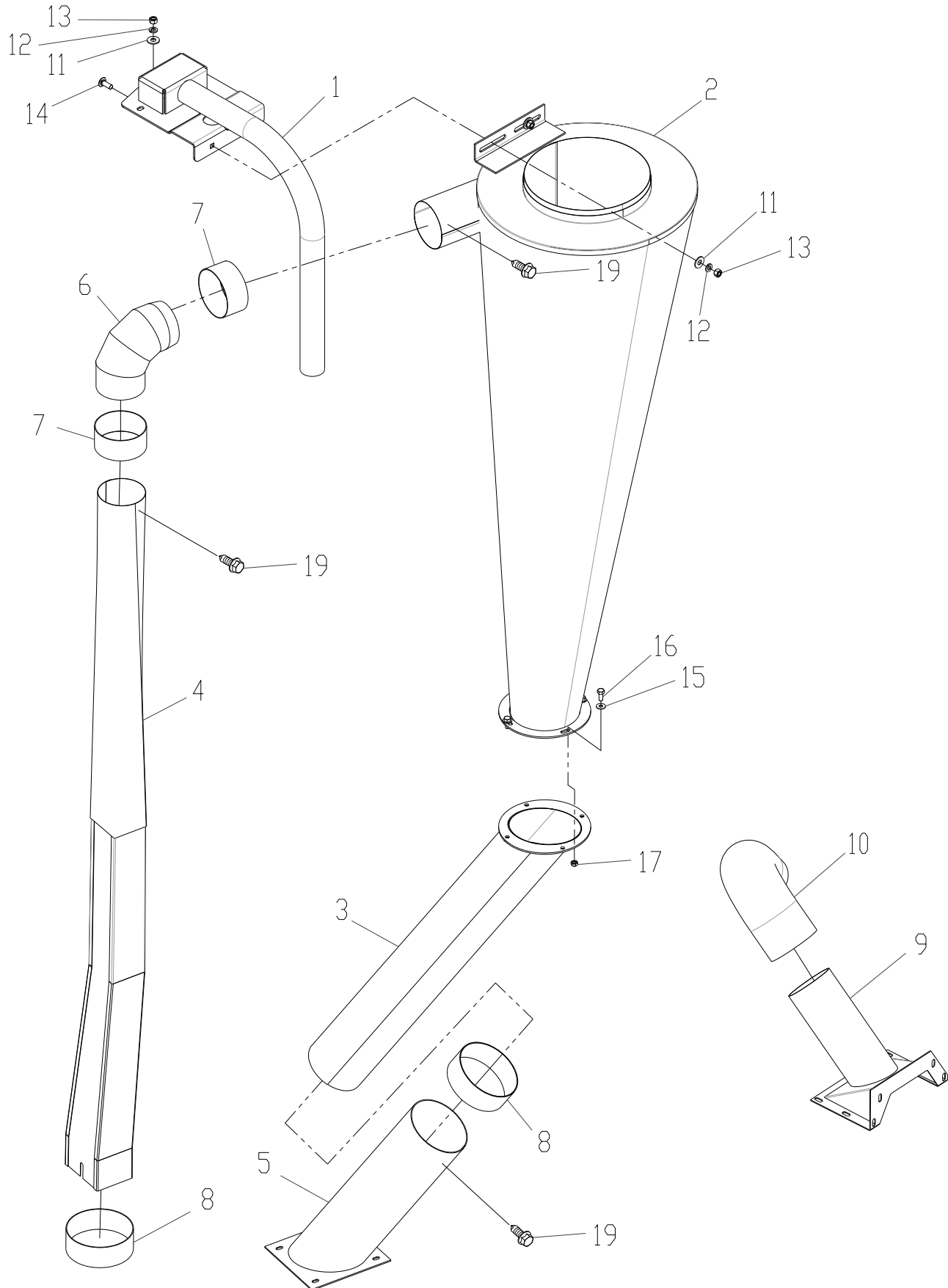
UPPER DISCHARGE ASSEMBLY, (CONTINUED)



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 GR5 ZN	6
51	990820	BOLT, HHCS 3/8-16 X 3 GR5 ZN	1
52	I49581203	WASHER, FLAT 1-9/32 X 2 X .105	1
53	JN71292	SCREW, FLG 5/16-18 X 1/2 GR5 ZN 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

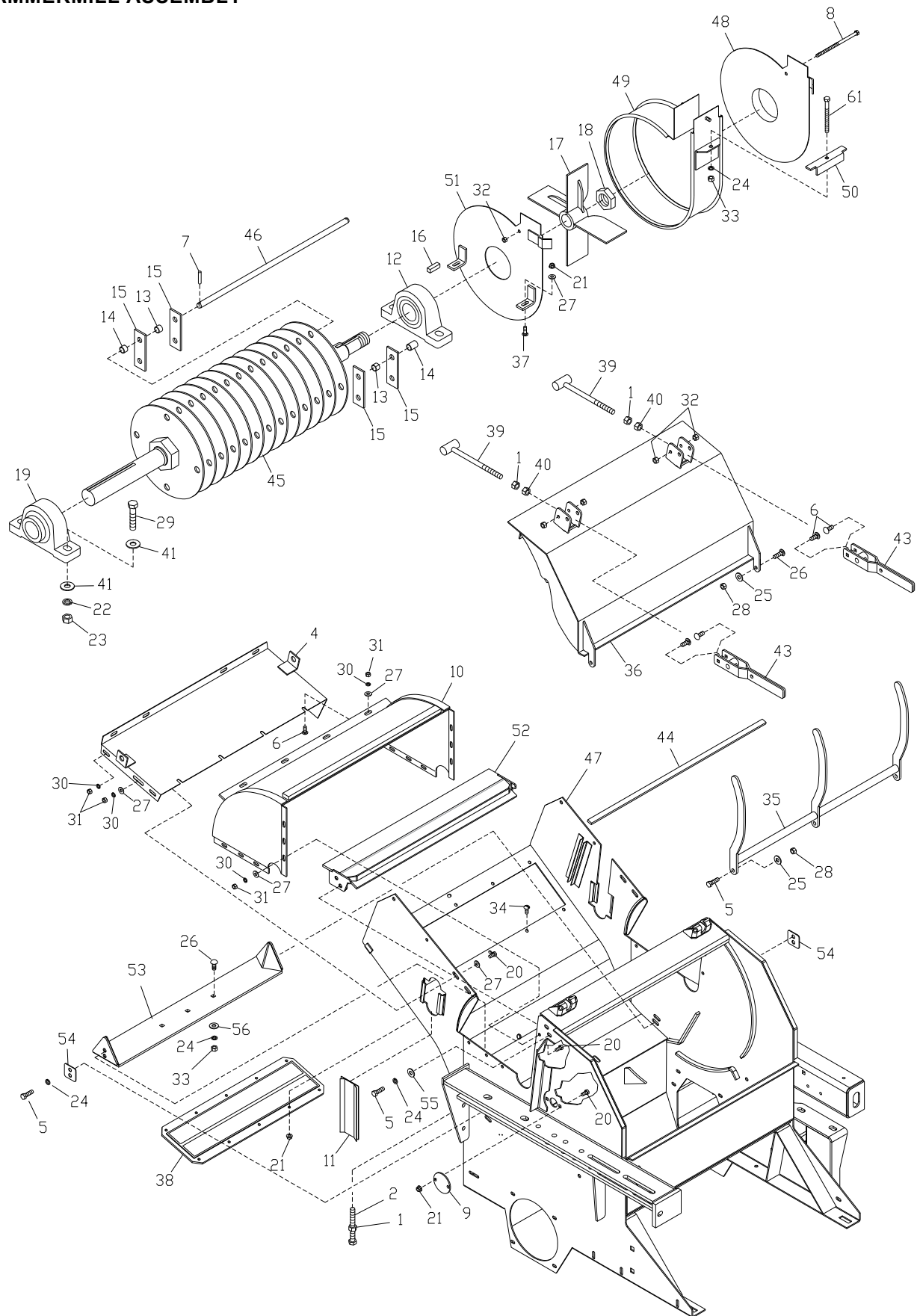
HOOD ASSEMBLY

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 GR5 ZN	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 GR5 ZN	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 ZN	2
17	014770	BOLT, HHCS 1/2-13 X 1-1/2 GR5 ZN	5
18	025670	NUT, LOCK 5/16-18 HEX FLG ZN	2
19	012260	BOLT, HHCS 3/8-16 X 1 GR5 ZN	2
20	021190	WASHER, FLAT 3/8 STD	2
21	020180	NUT, LOCK 3/8-16 HEX FLG GR5 ZN	4
22	032840	BOLT, CRG 3/8-16 X 3/4 SSN GR5 ZN	2
23	022920	WASHER, FLAT 5/16 STD	2

AIR SYSTEM ASSEMBLY

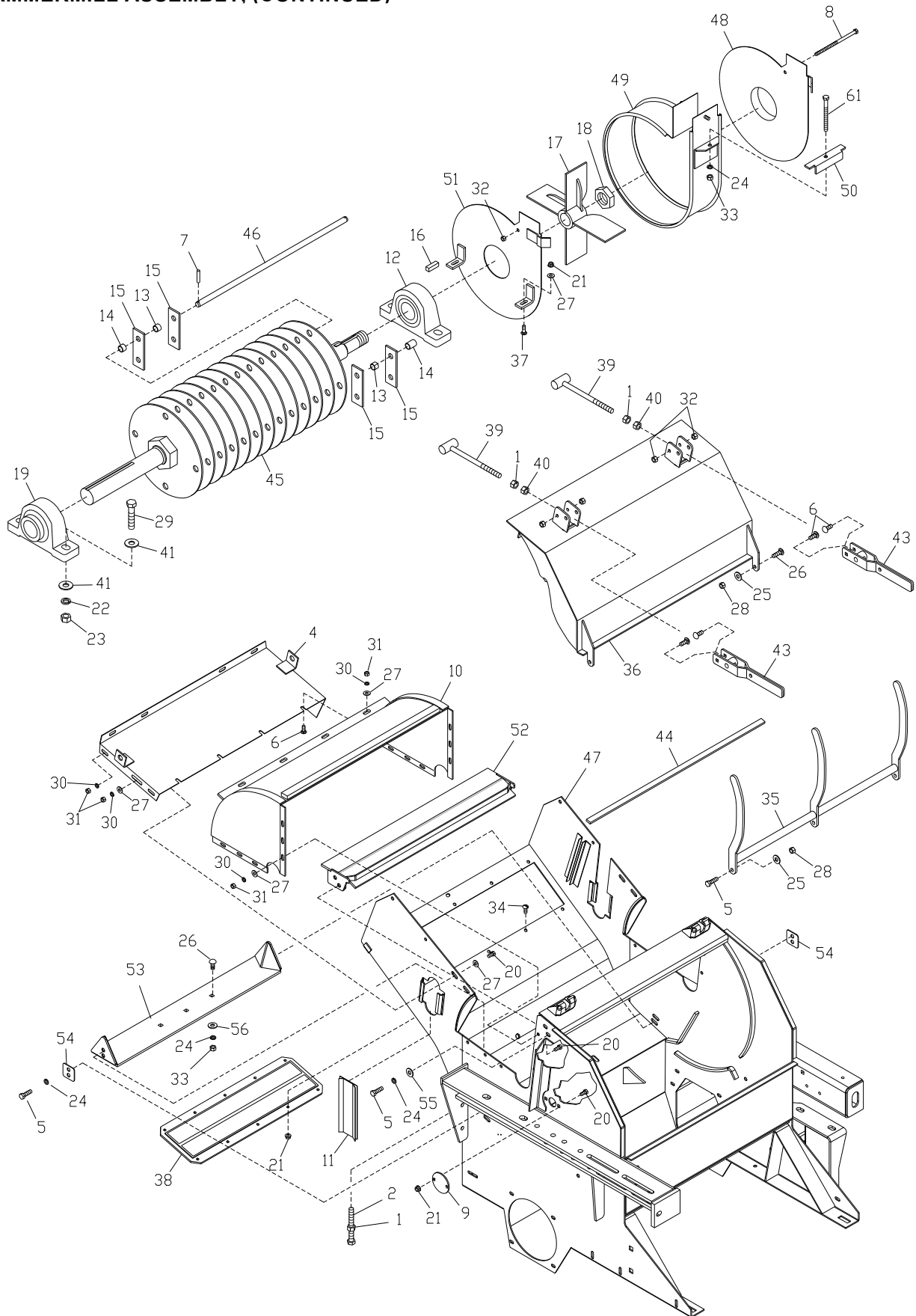
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	584110	BRACKET WLDT, CYCLONE ATTACHING	1
2	584140	CYCLONE WLDT, DUST COLLECTOR	1
3	584180	TUBE WLDT, LOWER DUST COLLECTOR	1
4	584210	PIPE WLDT, VERTICAL LONG	1
5	584520	COVER WLDT, RETURN	1
6	188391	ELBOW, 4" 90 DEG.	1
7	185880	BAND, RUBBER 4.0 DIA. TUBE	2
8	254160	BAND, RUBBER 5-1/2 – 6.0 DIA. TUBE	2
9	516150	ANGLE WLDT, AIR SYSTEM	1
10	205910	ELBOW, BLOWER	1
11	021190	WASHER, FLAT 3/8 STD 7/16 X 1 X 5/64 ZN+	3
12	021180	WASHER, LOCK 3/8 ZN	3
13	027260	NUT, HEX 3/8-16 GR5 ZN	3
14	035180	BOLT, CRG 3/8-16 X 1-1/4	2
15	023260	WASHER, FLAT 1/4 STD	4
16	012140	BOLT, HHCS 5/16-18 X 3/4 GR5 ZN	4
17	020190	NUT, HEX 5/16-18 FLG	4
19	205940	SCREW, TEK 8-18 X 1/2 SELF DRILLING ZN	15

HAMMERMILL ASSEMBLY



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005360	NUT, HEX 1/2-13 GR5, ZN	6
2	034650	BOLT, 1/2-13 X 3-1/2 GR5, FULL THREAD	4
3	990870	BOLT, HHCS 3/8-16 X 3-1/2 GR5, ZN	1
4	362770	COVER WLDT, 26" THROAT	1
5	012260	BOLT, HHCS 3/8-16 X 1 GR5, ZN	2
6	012410	BOLT CRG 5/16-18 X 3/4 GR5, ZN	8
7	012550	PIN, EXPANSION 1/4 X 1-1/4	8
8	012820	BOLT, HHCS 5/16-18 X 5 GR5, ZN	1
9	012920	PLATE	1
10	362730	HOOD WLDT, 26"	1
11	013360	SLIDE ASSEMBLY	2
12	013420	BEARING, 2.0 PB, CI HSG W/LC	1
13	581720	SPACER, SPLIT .69	48
14	581710	SPACER, SPLIT .49	48
15	581700	HAMMER, KNIFE	96
16	013510	KEY, PAR, 3/8 SQ. X 1-1/4	1
17	013520	FAN, A37 BLOWER, MACHINE DWG	1
18	013530	NUT, HEX JAM 1.50-12 PLN	1
19	013950	BEARING, 2.0 PB, DBL ROW, CI HSG, W/LC	1
20	012140	BOLT, HHCS 5/16-18 X 3/4 GR5, ZN	18
21	020190	NUT, LOCK 5/16-18 HEX FLG	14
22	020440	WASHER, LOCK 5/8 REG. ZN	4
23	020450	NUT, HEX 5/8-11 GR2, ZN	4
24	021180	WASHER, LOCK 3/8"	1
25	021190	WASHER, FLAT 3/8 STD ZN	4
26	035180	BOLT, CRG 3/8-16 X 1-1/4 GR5, ZN	2
27	022920	WASHER, FLAT 5/16 STD ZN	30
28	023060	NUT, LOCK DISTHRD 3/8-16	4

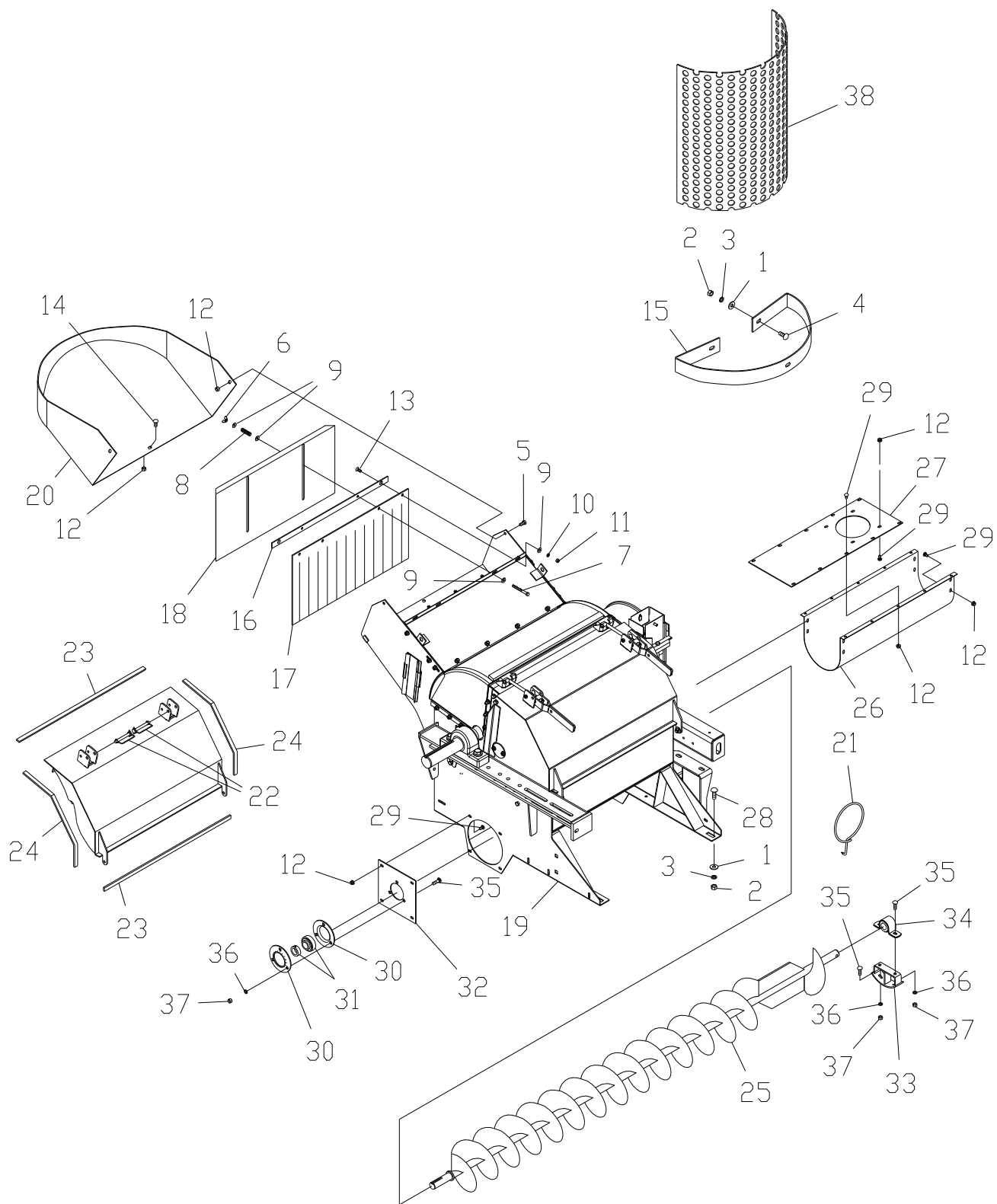
HAMMERMILL ASSEMBLY, (CONTINUED)



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
29	023110	BOLT, HHCS 5/8-11 X 2-1/2 GR5, ZN	4
30	023620	WASHER, LOCK 5/16 ZN	22
31	023630	NUT, HEX 5/16-18 GR5, ZN	22
32	025670	NUT, LOCK 5/16-18 HEX DISTHRD	5
33	027260	NUT, HEX 3/8-16 GR5, ZN	1
34	028230	SCREW, THRD 5/16-18 X 3/4 GR2, ZN	10
35	362690	SUPPORT WLDT, 26" SCREEN	1
36	362610	DOOR WLDT, 26" HAMMERMILL	1
37	1111267	BOLT, CRG 5/16-18 X 1.25 GR5	2
38	113270	MAGNET, #4 24 MILL	1
39	127860	BAR-T WELD ASSEMBLY	2
40	127890	NUT, LK DISTHRD 1/2-13 GR5, CD	2
41	127920	WASHER, FLAT 5/8 STD ZN	8
42	398230	SEALANT, CLEAR 10 OZ. TUBE	1
43	151920	HANDLE WLDT, LOCKING SUB ASSEMBLY	2
44	157670	SEALING STRIP, 500	1
45	157830	SHAFT ASSEMBLY, ROTOR	1
46	157840	PIN, HAMMERMILL 3/4 X 23.50	4
47	515250	HOUSING WLDT, 26" HAMMERMILL	1
48	170990	SIDE PLATE WELD, REAR	1
49	171000	WRAPPER WELD, FAN HOUSING	1
50	170970	CLAMP, PULL DOWN	1
51	170980	SIDE PLATE WELD, FRONT	1
52	591420	PLATE WLDT, UPPER WEAR	1
53	591460	PLATE WLDT, LOWER WEAR	1
54	592560	PLATE, COVER	2
55	1120394	WASHER, FLAT 3/8 STD ZN	4
56	169280	WASHER, FLAT .406X1.5X.13	3

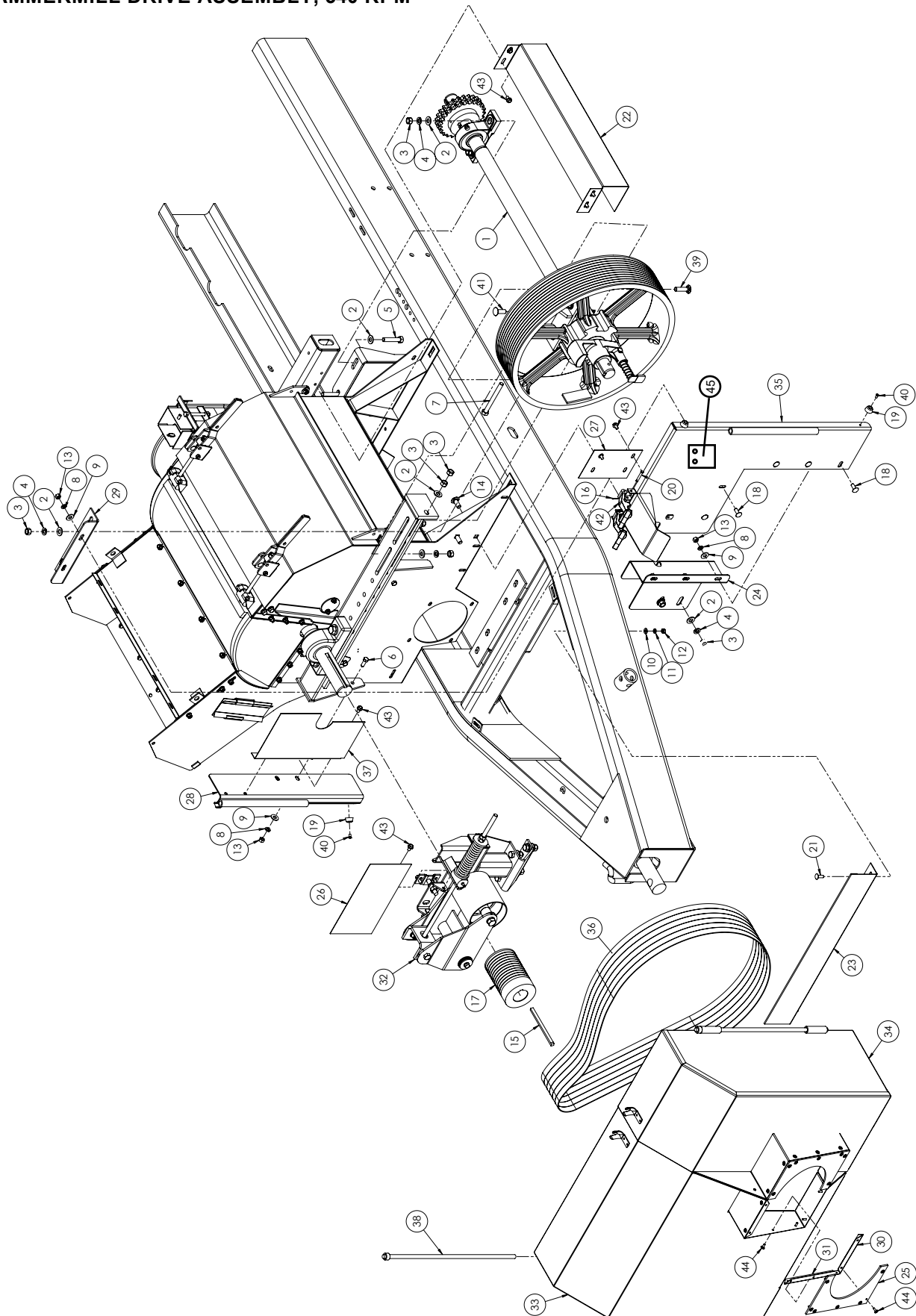
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005200	WASHER, FLAT 1/2 STD	2
2	053600	NUT, HEX 1/2-13 GR5, ZN	2
3	005370	WASHER, LOCK 1/2" ZN	2
4	005390	BOLT, CRG 1/2-13 X 1 SSN GR5	2
5	012410	BOLT, CRG 5/16-18 X 3/4	19
6	009790	NUT, WING 5/16-18 TYPE A ZN	2
7	160230	BOLT, HHCS 5/16-18 X 3	2
8	013080	SPRING, COMP 12 GA X 0.62 X 1.88	2
9	022920	WASHER, FLAT 5/16 STD ZN	6
10	023620	WASHER, LOCK 5/16 ZN	2
11	023630	NUT, HEX 5/16-18 GR5, ZN	2
12	020190	NUT, HEX FLG LK 5/16-18 ZN	31
13	033080	SCREW, FHMS 5/16-18 X 1 GR2, ZN	2
14	035290	BOLT, CRG 5/16-18 X 5/8 SSN GR2	1
15	037880	RACK	1
16	158960	STRAP, THROAT	1
17	158970	FLAP, THROAT	1
18	158980	PLATE, LARGE FEED GRATE	1
19	591500	HAMMERMILL ASSEMBLY, 26"	1
20	366590	BASKET WLDT, 26"	1
21	638580	HOOK, SCREEN (SQUARE HANDLE)	1
22	143710	PIN, SNAPPER 0.38 X 2.5 ZN	2
23	157670	SEALING STRIP, 500	2
24	213900	STRIP, SEALING 0.25 X 0.62 X 20.0	2

THROAT & AUGER ASSEMBLY, (CONTINUED)



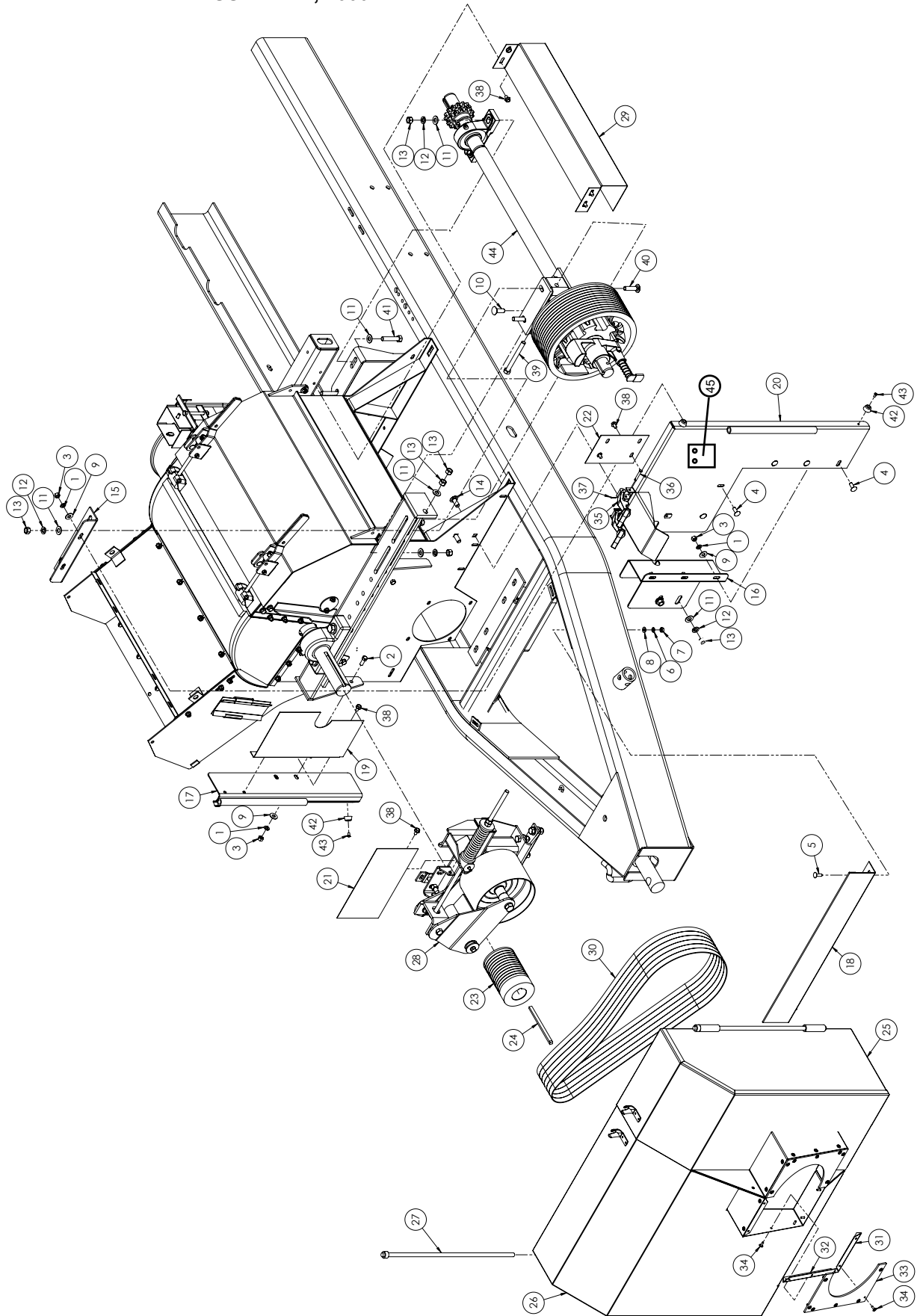
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
25	196140	AUGER WLDT, MILL TO MIXER	1
26	364250	THROUGH, LOWER PAN TO TANK	1
27	365880	CAP, THROUGH	1
28	030470	BOLT, CRG 1/2-13 X 1-1/4 SSN GR5	4
29	169340	BOLT, CRG 5/16-18 X 1/2 SSN GR2	26
30	019150	FLANGE, 1.12 BRG 3-BOLT ROUND	2
31	108850	BEARING, 1.12 SOD SPRING LOCK	1
32	128040	PLATE, HOLE COVER	1
33	165020	BRACKET WLDT, BEARING HOLDER	1
34	165030	BEARING, 1.12 SPLIT WOOD PB	1
35	170530	BOLT, CRG 3/8-16 X 1 SSN GR5	3
36	021180	WASHER, LOCK 3/8"	7
37	027260	NUT, HEX 3/8-16 GR5, ZN	7
38	636180	SCREEN, HAMMERMILL - 3/32"	
	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 DRIVE ASSEMBLY, 540 RPM



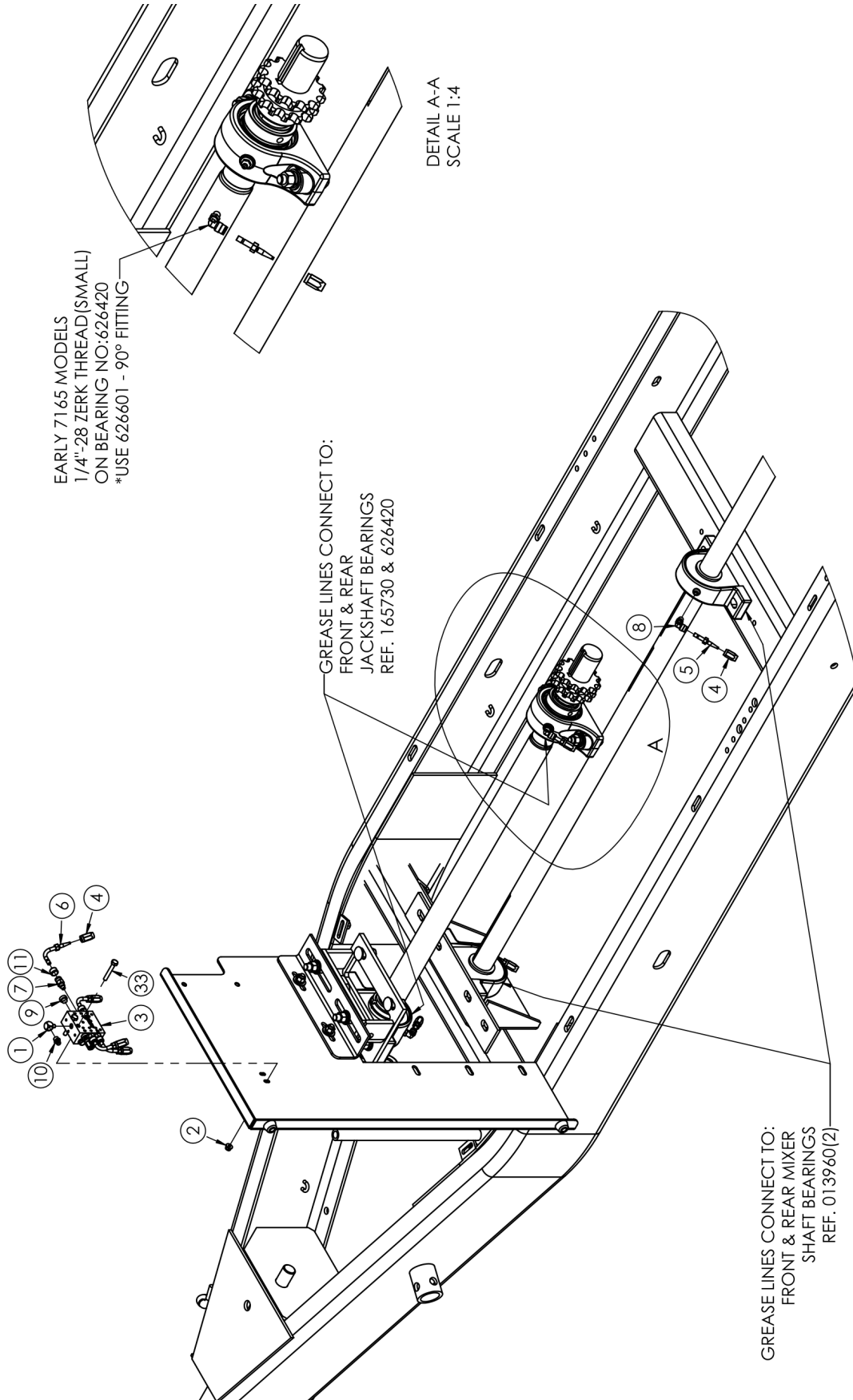
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	-	SEE 540 JACKSHAFT PAGE	1
2	005200	WASHER, FLAT 1/2 STD	11
3	005360	NUT, HEX 1/2-13	10
4	005370	WASHER, LOCK 1/2	8
5	007080	BOLT, HHCS 1/2-13 X 2-1/2	2
6	012260	BOLT, HHCS 3/8-16 X 1	2
7	013800	BOLT, HHCS 1/2-13 X 5	1
8	021180	WASHER, LOCK 3/8	7
9	021190	WASHER, FLAT 3/8 STD	7
10	022920	WASHER, FLAT 5/16 STD	2
11	023620	WASHER, LOCK 5/16	2
12	023630	NUT, HEX 5/16-18 GR5 ZN	2
13	027260	NUT, HEX 3/8-16 GR5 ZN	7
14	030470	BOLT, CRG 1/2-13 X 1-1/4"	2
15	110390	KEY, TAPERED	1
16	116820	PIN, COTTER 1/16 X 3/4	2
17	165500	PULLEY, 12-GROOVE	1
18	170530	BOLT, CRG 3/8-16 X 1"	7
19	212510	BUMPER, RUBBER	4
20	215800	PIN, CLEVIS 1/4 X 1 5/8	2
21	012410	BOLT, CRG 5/16-18 X 3/4"	2
22	365820	SHIELD, JACK SHAFT	1
23	581310	STOP, FRONT	1
24	581870	PLATE, MTG MAIN	1
25	581930	GUARD, RUBBER PTO	2
26	581980	SHIELD WLDT, FILLER	1
27	582010	SHIELD, FILLER LH	1
28	582020	MOUNT WLDT, RH	1
29	583540	ANGLE, SHIELD	1
30	584430	ANGLE, BACKING	4
31	584440	ANGLE, BACKING	2
32	586500	IDLER ASSY, 540 RPM	1
33	617420	SHIELD WLDT, RH	1
34	617450	SHIELD WLDT, LH	1
35	625720	MOUNT WLDT, LH	1
36	625930	BELT SET, 2/3VX860	1
37	626480	SHIELD, FILLER RH	1
38	626650	PIN WLDT, DOOR	2
39	991200	BOLT, CRG 1/2-13 X 2	2
40	P98448	RIVET, BLIND 3/16X.45	4
41	E096046	BOLT, CRG 1/2-13 X 1-1/2	2
42	E504003	LATCH, RUBBER	2
43	JN71292	SCREW, FLG 5/16-18 X 1/2	10
44	MP904602	RIVET, POP .188	28
45	626600	GREASE BANK	1

HAMMERMILL DRIVE ASSEMBLY, 1000 RPM

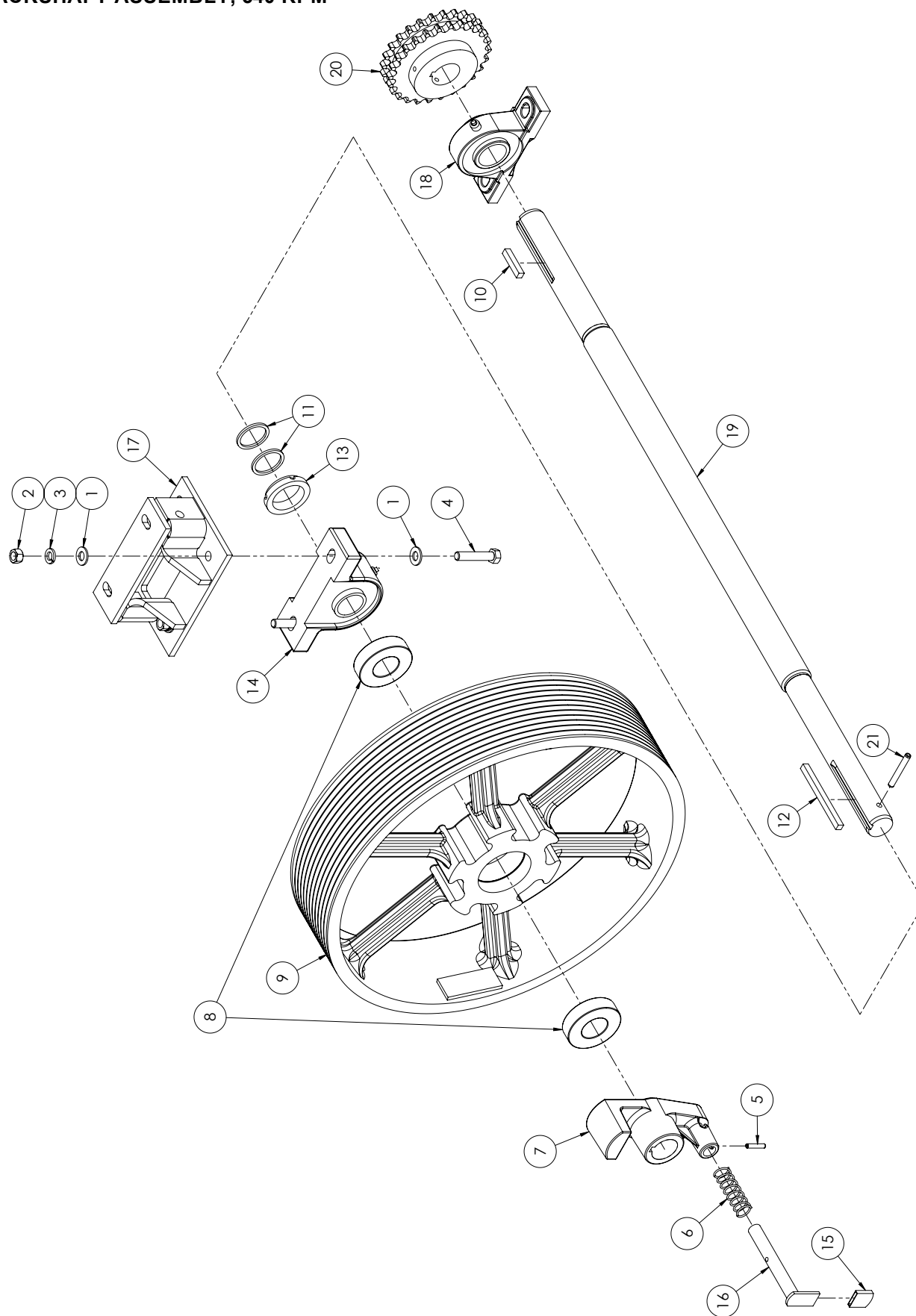


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	021180	WASHER, LOCK 3/8	7
2	012260	BOLT, HHCS 3/8-16 X 1	2
3	027260	NUT, HEX 3/8-16 GR5 ZN	7
4	170530	BOLT, CRG 3/8-16 X 1"	7
5	012410	BOLT, CRG 5/16-18 X 3/4"	2
6	023620	WASHER, LOCK 5/16	2
7	023630	NUT, HEX 5/16-18 GR5 ZN	2
8	022920	WASHER, FLAT 5/16 STD	2
9	021190	WASHER, FLAT 3/8 STD	7
10	E096046	BOLT, CRG 1/2-13 X 1-1/2	2
11	005200	WASHER, FLAT 1/2 STD	11
12	005370	WASHER, LOCK 1/2	8
13	005360	NUT, HEX 1/2-13	10
14	030470	BOLT, CRG 1/2-13 X 1-1/4"	2
15	583540	ANGLE, SHIELD	1
16	581870	PLATE, MTG MAIN	1
17	582020	MOUNT WLDT, RH	1
18	581310	STOP, FRONT	1
19	626480	SHIELD, FILLER RH	1
20	625720	MOUNT WLDT, LH	1
21	581980	SHIELD WLDT, FILLER	1
22	582010	SHIELD, FILLER LH	1
23	165500	PULLEY, 12-GROOVE	1
24	110390	KEY, TAPERED	1
25	617450	SHIELD WLDT, LH	1
26	617420	SHIELD WLDT, RH	1
27	626650	PIN WLDT, DOOR	2
28	581090	IDLER ASSY, 1000 RPM	1
29	365820	SHIELD, JACK SHAFT	1
30	159070	BELT SET, 3V X 670.6 DBL	1
31	584430	ANGLE, BACKING	4
32	584440	ANGLE, BACKING	2
33	581930	GUARD, RUBBER PTO	2
34	MP904602	RIVET, POP .188	28
35	E504003	LATCH, RUBBER	2
36	215800	PIN, CLEVIS 1/4 X 1 5/8	2
37	116820	PIN, COTTER 1/16 X 3/4	2
38	JN71292	SCREW, FLG 5/16-18 X 1/2	10
39	013800	BOLT, HHCS 1/2-13 X 5	1
40	991200	BOLT, CRG 1/2-13 X 2	2
41	007080	BOLT, HHCS 1/2-13 X 2-1/2	2
42	212510	BUMPER, RUBBER	4
43	P98448	RIVET, BLIND 3/16X.45	4
44	-	SEE 1000 JACKSHAFT PAGE	1
45	626600	GREASE BANK	1

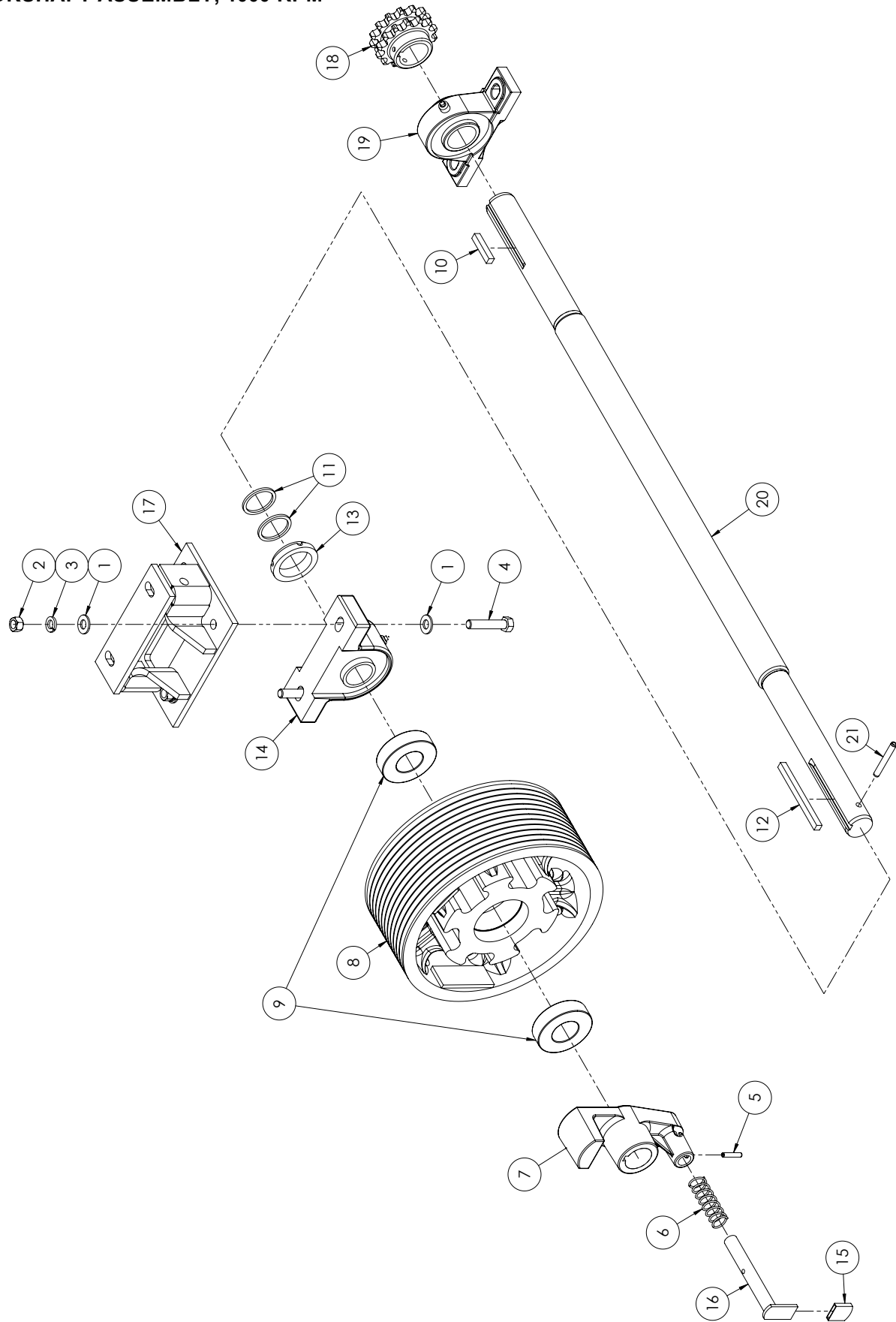
GREASE BANK AND LINE ASSEMBLY



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	585890	ADAPTER, 90	1
2	600100	NUT, HFH NYLOC 1/4-20	2
3	626602	BLOCK, 6 PORT VALVE	1
4	626603	NUT, FIELD INSTALL	8
5	626604	FITTING, SHORT FIELD	4
6	626605	FITTING, 90° FIELD	4
7	626606	FITTING, OUTLET ADAPTER	4
8	626607	FITTING, GREASE 90° 1/8"NPT	4
9	626608	PLUG, GREASE BLOCK	2
10	626609	ZERK, GREASE LEAKLESS	1
11	631806	BOOT, PUSH	4
33	223540	BOLT, HHCS 1/4-20 X 1-3/4	2
*	626595	PLASTIC GREASE FILLED LINE	FT

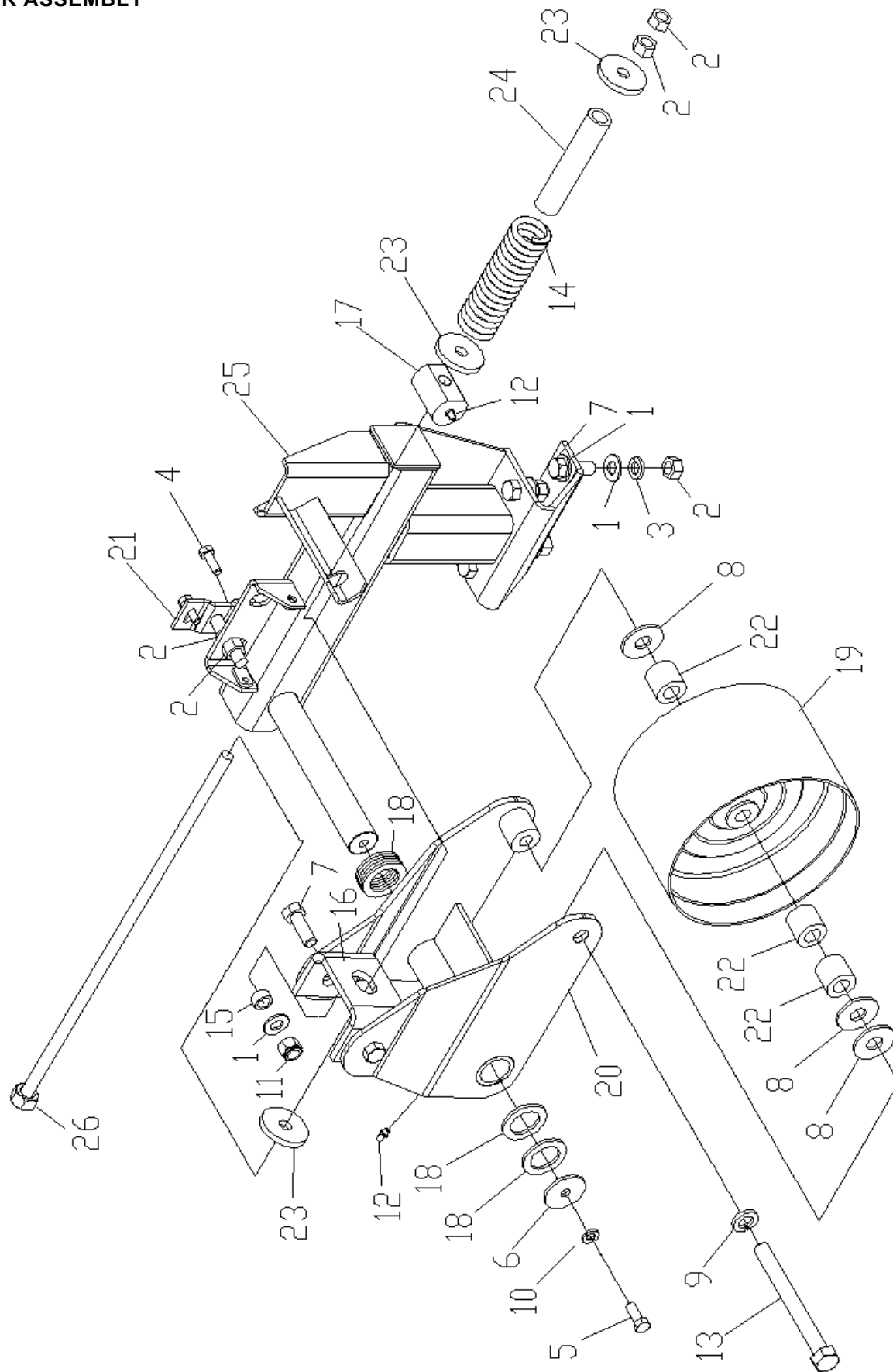
JACKSHAFT ASSEMBLY, 540 RPM

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	013930	BEARING, ADAPTER	2
9	016750	PULLEY WLDT,	1
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	626420	BEARING, PB 1-3/4"HD	1
19	626540	JACKSHAFT, HM	1
20	626550	SPROCKET, D60B26	1
	529240	CHAIN, ROLLER RC60-2 X 76P W/ CONN. LINK	1
21	MP01.74170	PIN, SPIROL 5/16 X 2-1/2	1

JACKSHAFT ASSEMBLY, 1000 RPM

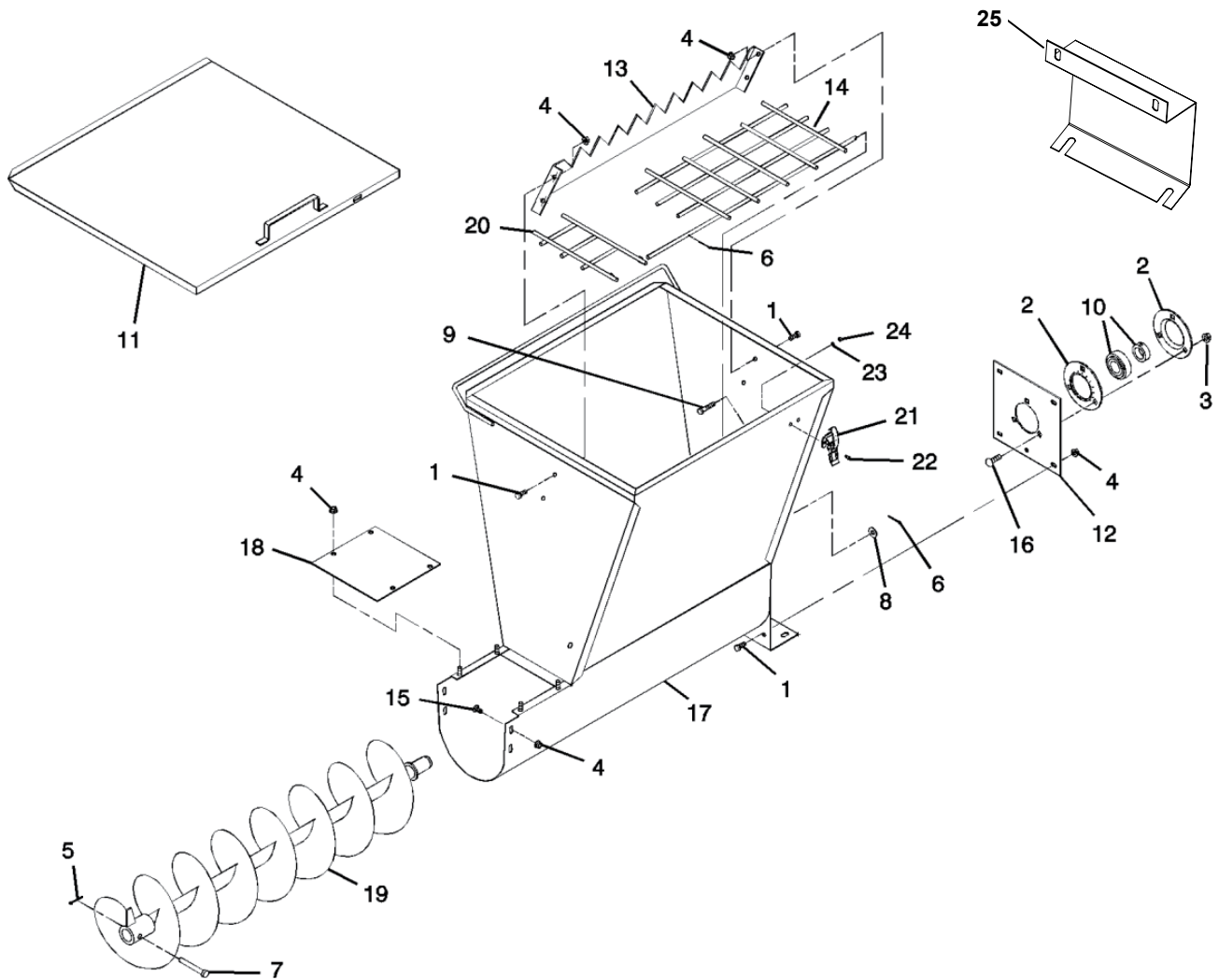
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005200	WASHER, FLAT 1/2 STD	4
2	005360	NUT, HEX 1/2-13	2
3	005370	WASHER, LOCK 1/2	2
4	007080	BOLT, HHCS 1/2-13 X 2-1/2	2
5	012550	PIN, EXPANSION	1
6	013580	SPRING, COMPRESSION	1
7	013860	CLUTCH, HAMMERMILL	1
8	013870	PULLEY WLDT, 12.3"	1
9	013930	BEARING, ADAPTER	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
	634500	CHAIN, ROLLER RC60-2 X 71P W/ CONN. LINK	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

IDLER ASSEMBLY



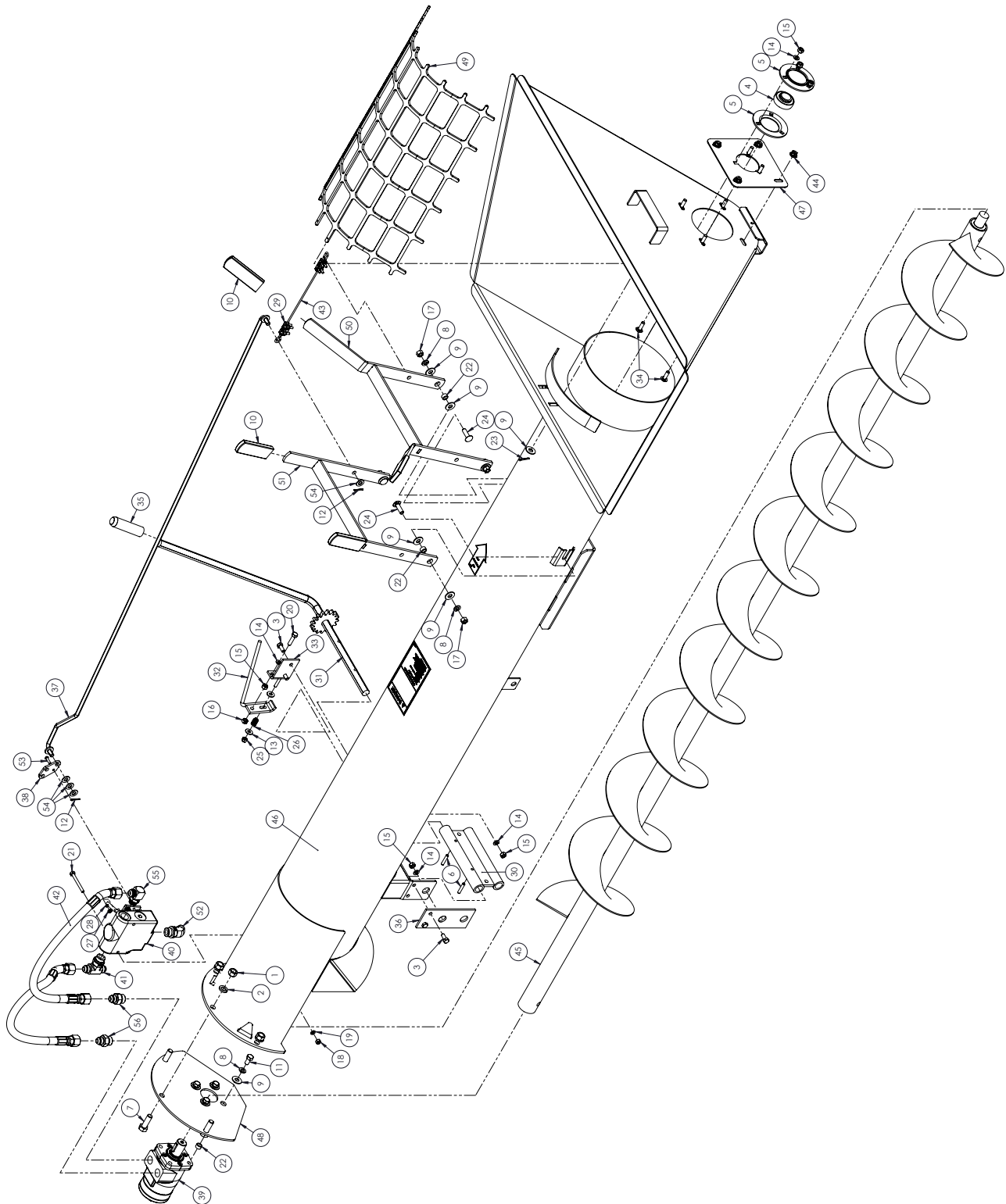
ITEM NO.	PART NUMBER	DESCRIPTION	540 QTY.	1000 QTY.
1	005200	WASHER, FLAT 1/2 STANDARD ZN	8	8
2	005360	NUT, HEX 1/2-13 GR5, ZN	8	8
3	005370	WASHER, LOCK 1/2 ZN	4	4
4	005900	BOLT, HHCS 5/16-18 X 1 GR5 ZN	2	2
5	012260	BOLT, HHCS 3/8-16 X 1 GR5 ZN	1	1
6	012270	WASHER, FLAT 3/8 STANDARD ZN	1	1
7	014770	BOLT, HHCS 1/2-13 X 1-1/2 GR5 ZN	6	6
8	020430	WASHER, FLAT 5/8 STANDARD ZN	3	3
9	020440	WASHER, LOCK 5/8 ZN	1	1
10	021180	WASHER, LOCK 3/8 ZN	1	1
11	037540	NUT, LOCK 1/2-13 NYLON GR5 ZN	2	2
12	115590	FITTING, GREASE ZERK	2	2
13	201660	BOLT, HHCS 5/8-11 X 6 GR5 ZN	1	1
14	231000	SPRING, COMPRESSION	1	1
15	231030	SPACER, .75 X .51 X .38	2	2
16	251010	BRACKET, SPRING	1	1
17	251020	GUIDE,	1	1
18	275880	BUSHING, MACH. 1-1/4 X 1.88 X 10 GA.	7	7
19	440210	SHEAVE, IDLER 8.25 OD X 5.25 WIDE (SHOWN)	-	1
	586485	SHEAVE, IDLER 5.0 OD X 5.5 WIDE	1	-
20	581100	BRACKET WLDT, IDLER	1	1
21	581290	ROD WLDT, UPPER	1	1
22	E126195	BUSHING, 11/16 X 1-1/4 X 1-1/8	3	3
23	I486801R1	WASHER, FLAT .531 X 2 X	3	3
24	231050	SPACER, SPRING	1	1
25	581150	MOUNT WLDT, IDLER	1	1
26	586700	ROD WLDT, TAKE-UP 22"	1	1

SUPPLEMENT HOPPER ASSEMBLY



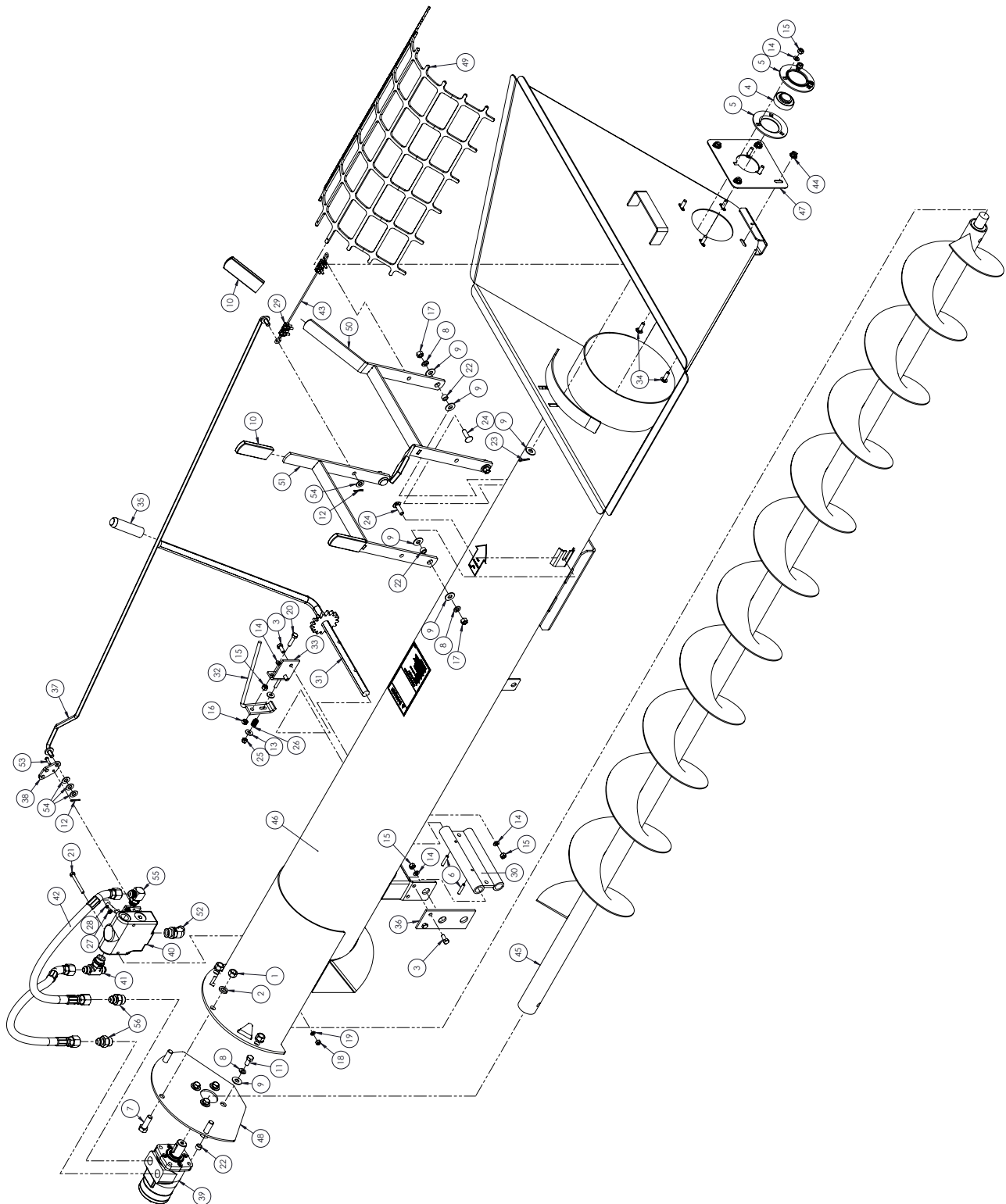
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	012140	BOLT, HHCS 5/16-18 X 3/4 GR5, ZN	2
2	019150	FLANGETTE, BEARING 1.12 3 BOLT RD	2
3	020180	NUT, LOCK 3/8-16 HEX FLG GR5	3
4	020190	NUT, LOCK 5/16-18 HEX FLG G5	16
5	020700	PIN, COTTER 5/32 X 1.0 CHISEL	1
6	021210	PIN, COTTER 3/32 X 1.0 ZN	2
7	021430	PIN, CLEVIS 3/8 X 2.25 GR5, ZN	1
8	022920	WASHER, FLAT 0.375 X 0.875 X 0.083 ZN	1
9	025760	BOLT, HHCS 5/16-18 X 1.5 GR5, ZN	2
10	108850	BEARING, 1.12 SOD SPRING LOCK	1
11	126540	LID WLDT, SUPPLEMENT HOPPER	1
12	128040	PLATE, HOLE COVER	1
13	470950	CUTTER, SACK	1
14	560700	GRATE, WLDT, SUPPLEMENT HOPPER	1
15	012410	BOLT, CRG 5/16-18 X 3/4	4
16	170530	BOLT, CRG 3/8-16 X 1.0 SSN GR5	3
17	583600	HOPPER WLDT, SUPPLEMENT EXTENDED	1
18	365140	COVER, SUPPLEMENT HOPPER	1
19	365150	AUGER WLDT, CONCENTRATE TANK	1
20	560710	GRATE WLDT, ANGLED HOPPER	1
21	I669184R1	CLAMP, SHIELD LATCH	1
22	I159920	SCREW, PHMS 10-24 X 1/2	2
23	120600	WASHER, LOCK #10	2
24	120590	NUT, HEX 10-24	2
25	365180	BRACKET, LONG	1

HYDRAULIC AUGER FEEDER ASSEMBLY

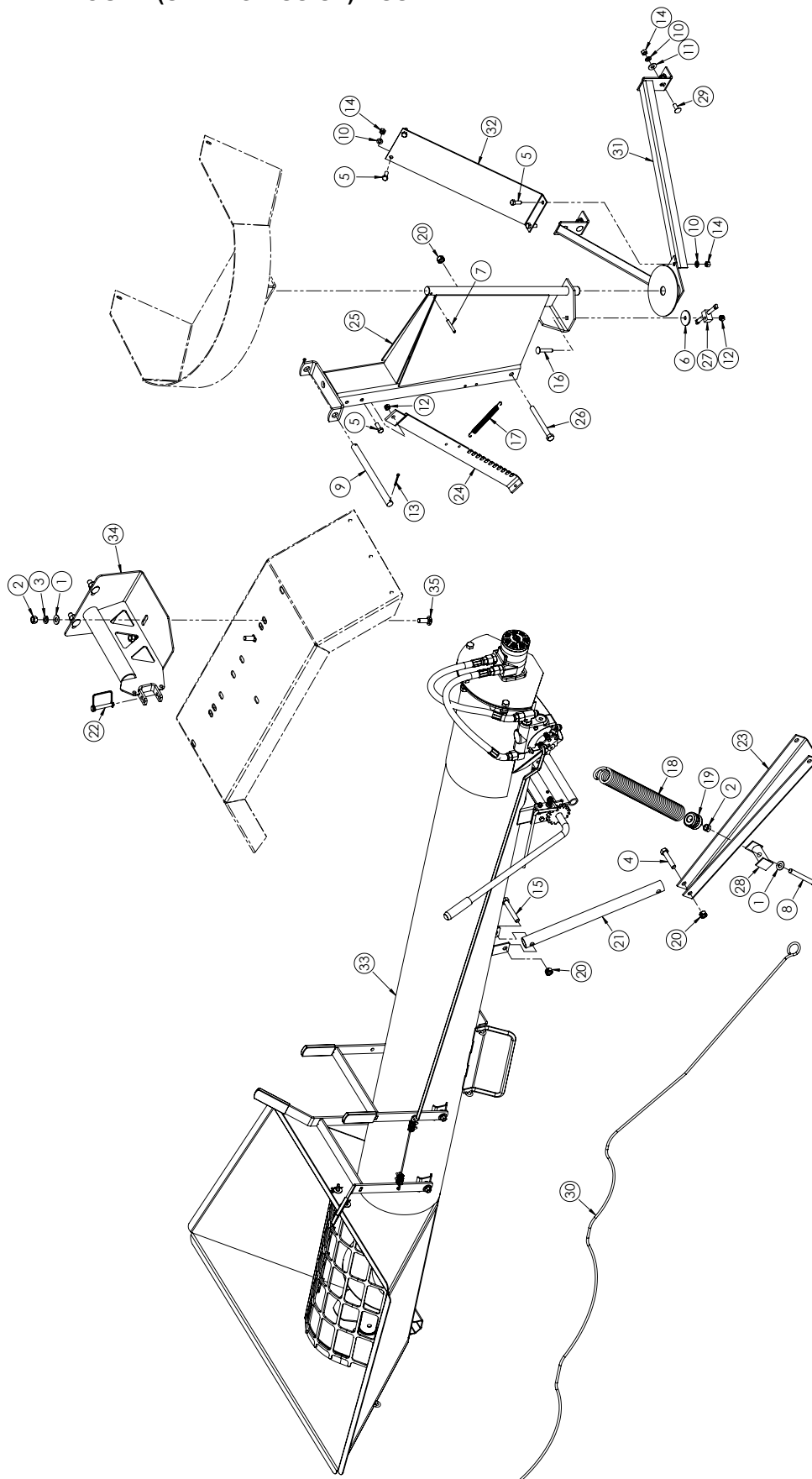


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005360	NUT, HEX 1/2-13	3
2	005370	WASHER, LOCK 1/2	2
3	012140	BOLT, HHCS 5/16-18 X 3/4	4
4	012310	BEARING ADAP.,	1
5	012330	FLG., 7/8-1.0 BRG, 3R BOLT	2
6	012550	PIN, EXPANSION	2
7	014770	BOLT, HHCS .50-13X1.50	3
8	021180	WASHER, LOCK 3/8	8
9	021190	WASHER, FLAT 3/8 STD	14
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	023260	WASHER, FLAT 1/4 STD	2
14	023620	WASHER, LOCK 5/16	8
15	023630	NUT, HEX 5/16-18	8
16	025670	NUT, LOCK 5/16-18	1
17	027260	NUT, HEX 3/8-16 GR5	4
18	027660	NUT, HEX 1/4-20 GR5 ZN	2
19	029440	WASHER, LOCK 1/4 SAE	2
20	030030	BOLT, HHCS 5/16-18 X1-1/4 GR5 ZN	1
21	031560	BOLT, HHCS 1/4-20 X 2-1/2	2
22	033460	SPACER, .38 IDX.56 ODX.312	8
23	034360	PIN, COTTER, 1/8 X 1.00	2
24	035180	BOLT, CRG 3/8-16 X 1-1/4"	4
25	042370	NYLON INSERT LOCKNUT, 1/4-20 UNC	1
26	042390	SPRING	3
27	120590	NUT, HEX 10-24 GR2 ZN	1
28	120600	WASHER, LOCK #10 X 21/64 X 3/6	1

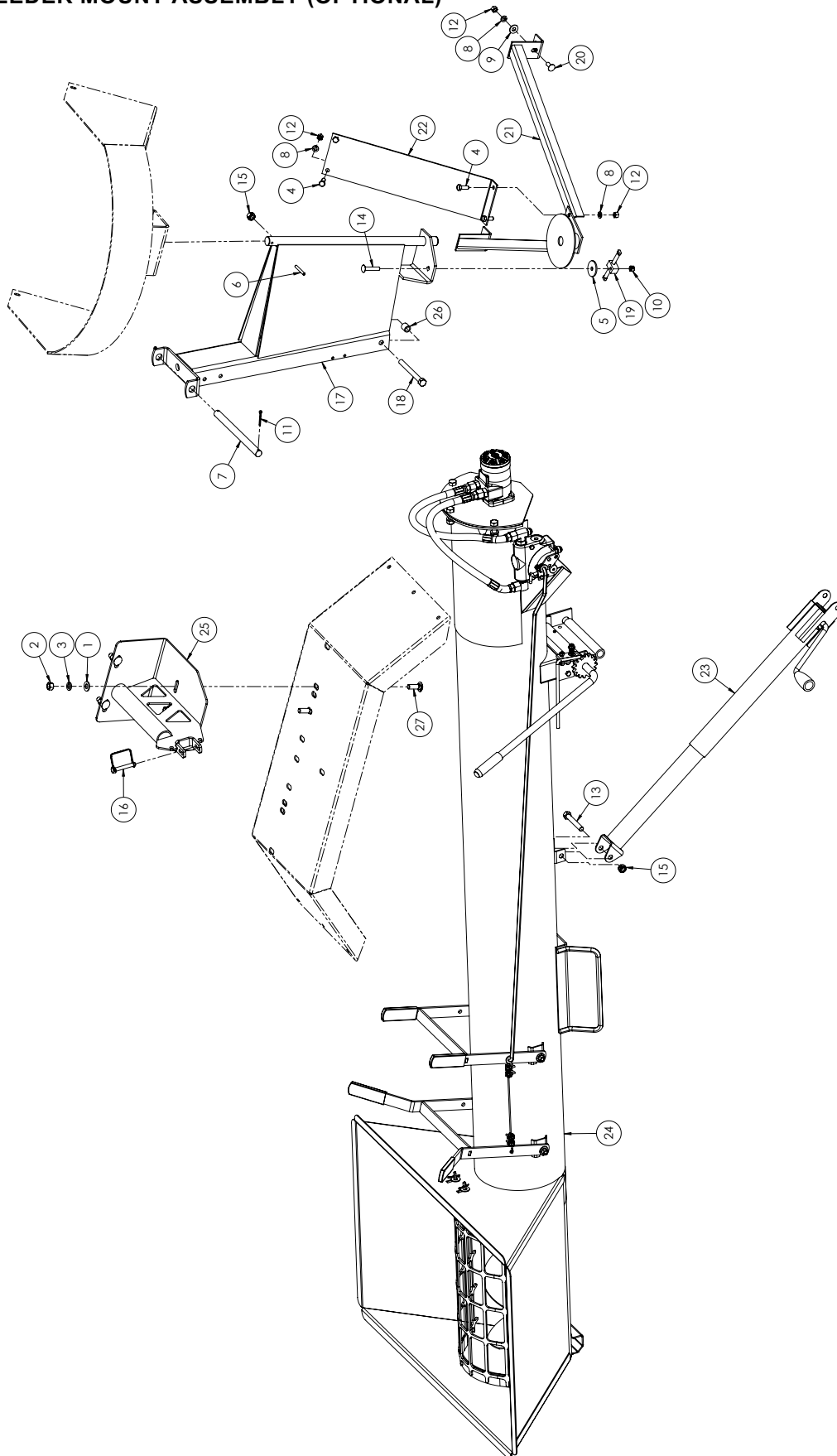
HYDRAULIC AUGER FEEDER ASSEMBLY (CONTINUED)



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
29	129260	CLIP, 1/8" MALLEABLE WIRE	4
30	150810	BRACKET WLDT,	1
31	150820	LEVER & RATCHET	1
32	150830	STOP WLDT	1
33	150880	STOP, HOLDER	1
34	254060	BOLT, CRG 5/16-18 X 1"	7
35	150940	GRIP, HANDLE	1
36	529660	PLATE, TRANSPORT LOCKING	1
37	581750	LINKAGE WLDT,	1
38	581770	TAB, AF SHUTOFF	1
39	585120	MOTOR, HYD 12 CU.IN.	1
40	585140	VALVE, HYD FLOW CONTROL	1
41	585150	ADAPTER, TEE-8 MJIC	1
42	585180	HOSE ASSY, HYD 1/2-20"	1
43	593960	CABLE, CLUTCH SHUTOFF	1
44	600110	NUT, HFH NYLOC 5/16-18	4
45	624170	AUGER WLDT, PHMB	1
46	624230	HOUSING WLDT, AUGER	1
47	624265	PLATE, BEARING	1
48	624300	MOUNT, HYD MOTOR	1
49	624380	GUARD, AF HOPPER	1
50	624390	HANDLE WLDT, AF	1
51	624420	HANDLE WLDT, AF	1
52	626825	FITTING, HYD 45°	1
53	991120	SCREW, RHMS 10-24 X 3/4	1
54	I120394	WASHER, FLAT 3/8 SAE	4
55	MP32-03794	FITTING, HYD 90°	1
56	MP32.02101	FITTING, HYD STRAIGHT	2

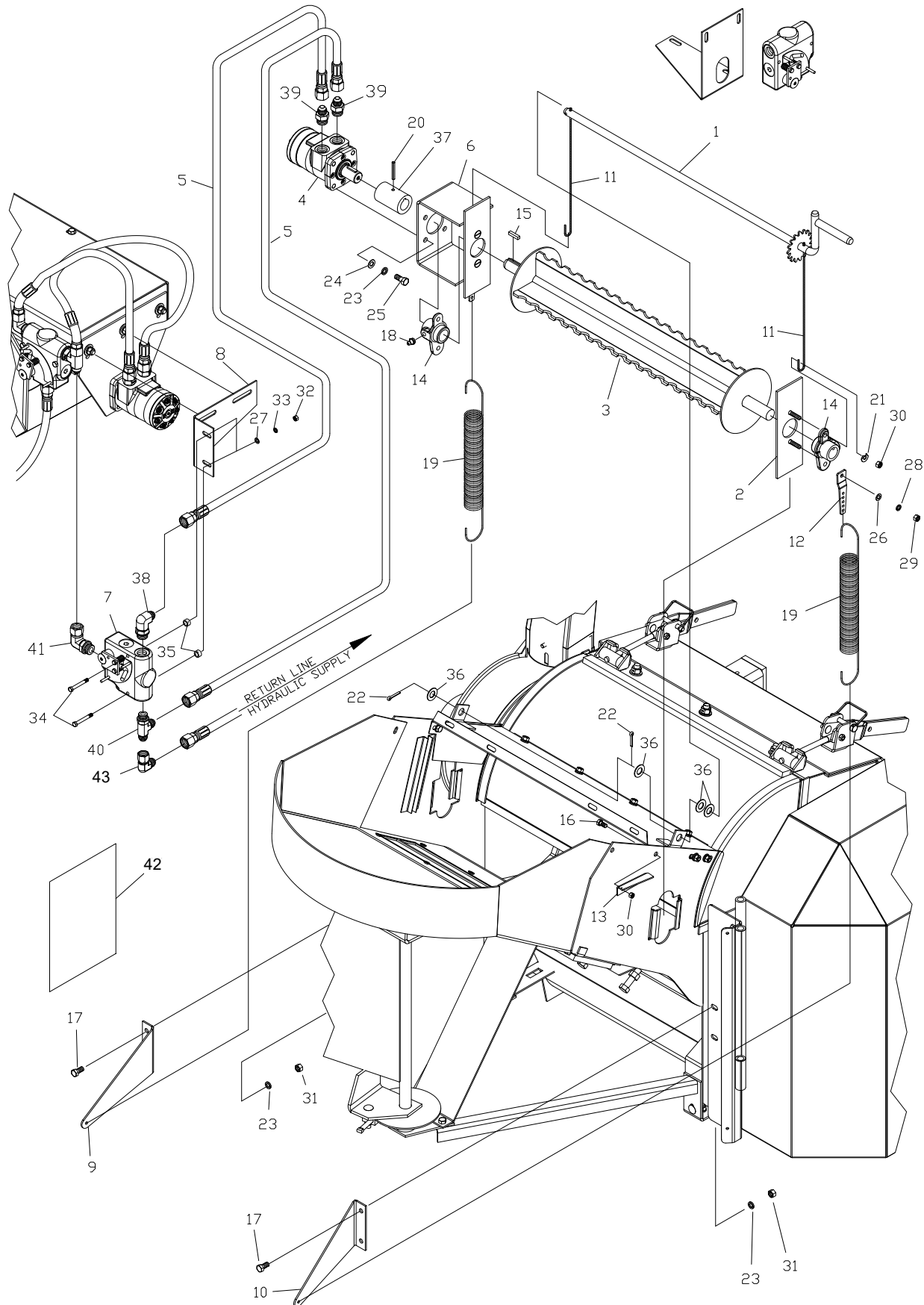
AUGER FEEDER MOUNT (SPRING ASSIST) ASSEMBLY

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005200	WASHER, FLAT 1/2 STD	5
2	005360	NUT, HEX 1/2-13	5
3	005370	WASHER, LOCK 1/2	4
4	007080	BOLT, HHCS 1/2-13 X 2-1/2	1
5	012260	BOLT, HHCS 3/8-16 X 1	5
6	012270	WASHER, FLAT	1
7	013600	PIN, ROLL .25 X 2	1
8	384270	BOLT, HHCS 1/2-13 X 7	1
9	015120	PIN, DRAG	1
10	021180	WASHER, LOCK 3/8	10
11	021190	WASHER, FLAT 3/8 STD	6
12	023060	NUT, LOCK 3/8-16 2 WAY	2
13	026630	COTTER PIN, 5/32 X 1-1/2	2
14	020180	NUT, LOCK 3/8-16 FLG	10
15	990840	BOLT, HHCS 1/2-13 X 3	1
16	041450	BOLT, CRG 3/8-16 X 2	1
17	100750	SPRING, EXTENSION	1
18	113470	SPRING, EXTENSION	1
19	113490	NUT, SPRING	1
20	127890	NUT, LOCK 1/2-13	3
21	131960	VERTICAL LINK SPRING	1
22	143710	PIN, SNAPPER	1
23	152870	CHANNEL, LOWER	1
24	152880	BAR, RATCHET	1
25	159810	SUPPORT WLDT,	1
26	160350	BOLT, HHCS 1/2-13 X 5 GR5	1
27	160560	HANDLE ASSY,	1
28	161540	PIN WLDT, PIVOT	1
29	170530	BOLT, CRG 3/8-16 X 1"	6
30	211490	ROPE, POLYPROPYLENE 110"	1
31	366470	SUPPORT WLDT,	1
32	528430	STRAP, REINF. MILL	1
33	624220	AUGER FEEDER ASSY, 26"	1
34	626760	MOUNT WLDT, AF	1
35	E096046	BOLT, CRG 1/2-13 X 1-1/2	4

AUGER FEEDER MOUNT ASSEMBLY (OPTIONAL)

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005200	WASHER, FLAT 1/2 STD	4
2	005360	NUT, HEX 1/2-13	4
3	005370	WASHER, LOCK 1/2	4
4	012260	BOLT, HHCS 3/8-16 X 1	4
5	012270	WASHER, FLAT	1
6	013600	PIN, ROLL .25 X 2	1
7	015120	PIN, DRAG	1
8	021180	WASHER, LOCK 3/8	10
9	021190	WASHER, FLAT 3/8 STD	6
10	023060	NUT, LOCK 3/8-16 2 WAY	1
11	026630	COTTER PIN, 5/32 X 1-1/2	2
12	027260	NUT, HEX 3/8-16 GR5 ZN	10
13	041410	BOLT, HHCS 1/2-13 X 3.25 GR5	1
14	041450	BOLT, CRG 3/8-16 X 2 SSN GR5	1
15	127890	NUT, HEX LOCK 1/2-13 TOP LOCK	2
16	143710	PIN, SNAPPER	1
17	159810	SUPPORT WLDT,	1
18	160350	BOLT, HHCS 1/2-13 X 5 GR5	1
19	160560	HANDLE ASSY,	1
20	170530	BOLT, CRG 3/8-16 X 1"	6
21	366470	SUPPORT WLDT,	1
22	528430	STRAP, REINF. MILL	1
23	624200	JACK WLDT, AF LIFT	1
24	624220	AUGER FEEDER ASSY, 26"	1
25	626760	MOUNT WLDT, AF	1
26	626950	SPACER	1
27	E096046	BOLT, CRG 1/2-13 X 1-1/2	4

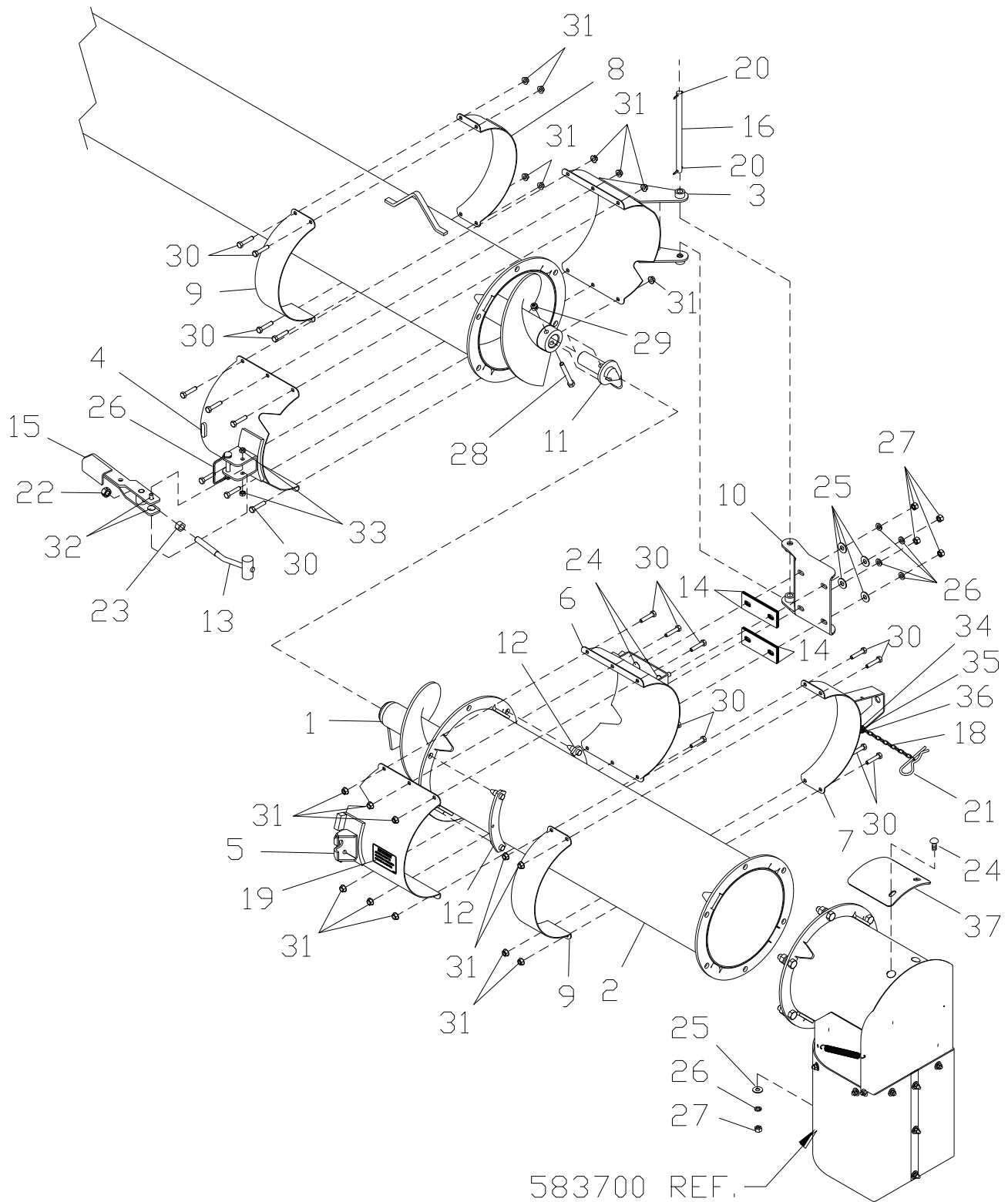
HYDRAULIC ROLL FEEDER WITH AUGER FEEDER ASSEMBLY



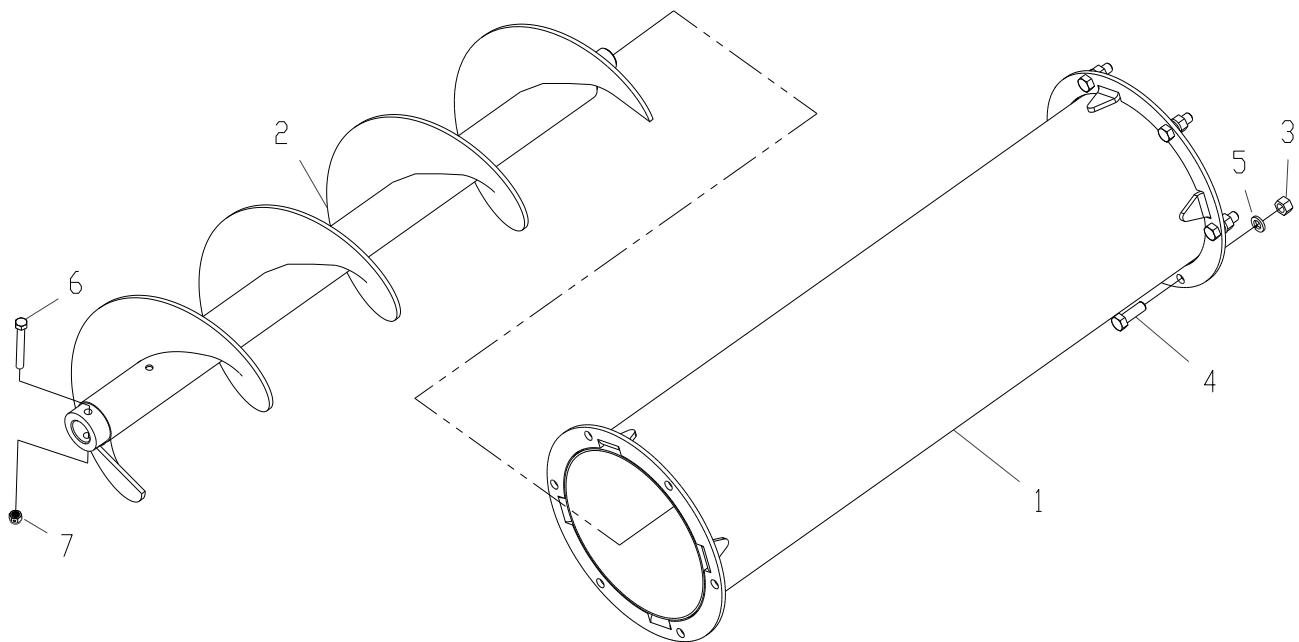
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	589050	CRANK WLDT, ROLL FEED 6530 GM	1
2	013330	PLATE, SLIDING ROLL	1
3	160110	ROTOR WELD ASSEMBLY, R.F.	1
4	585120	MOTOR, HYD 12 CU. IN. SAE-10 ORB	1
5	580960	HOSE ASSEMBLY, HYD 1/2 X 56" SAE -8 FJIC	2
6	160130	MOTOR MOUNT WELD	1
7	585130	VALVE ASSEMBLY, HYD SAE-10 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

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

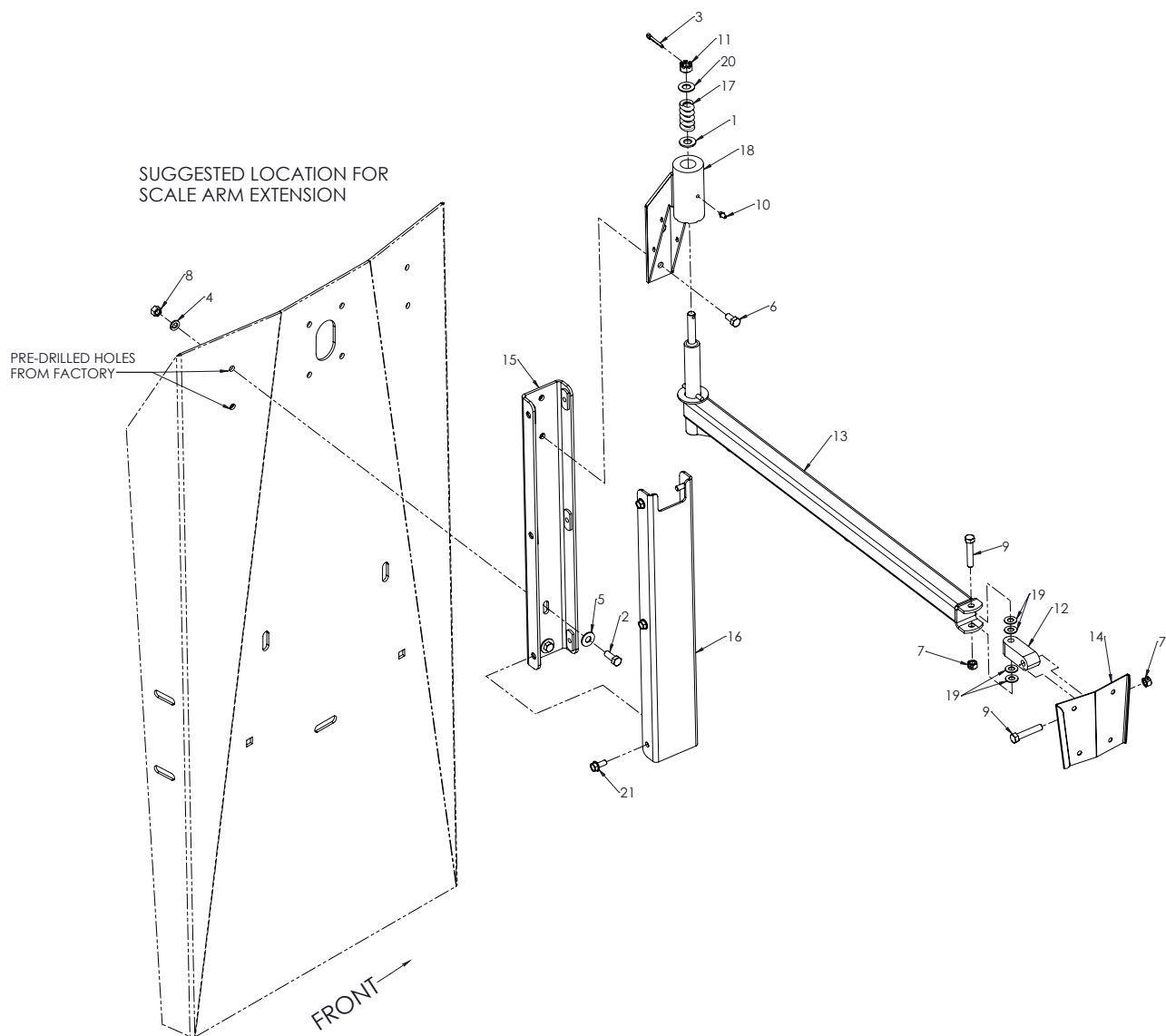


ITEM NO.	PART NUMBER	DESCRIPTION	3' QTY.	6' QTY.
1	586140	AUGER WLDT, 3' (SHOWN)	1	-
	584600	AUGER WLDT, 6'	-	1
2	584410	TUBE WLDT, 3' (SHOWN)	1	-
	583300	TUBE WLDT, 6'	-	1
3	583840	CLAMP WLDT, DISCHARGE OUTER	1	1
4	583880	CLAMP WLDT, DISCHARGE INNER	1	1
5	583890	CLAMP WLDT, EXTENSION INNER	1	1
6	583990	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

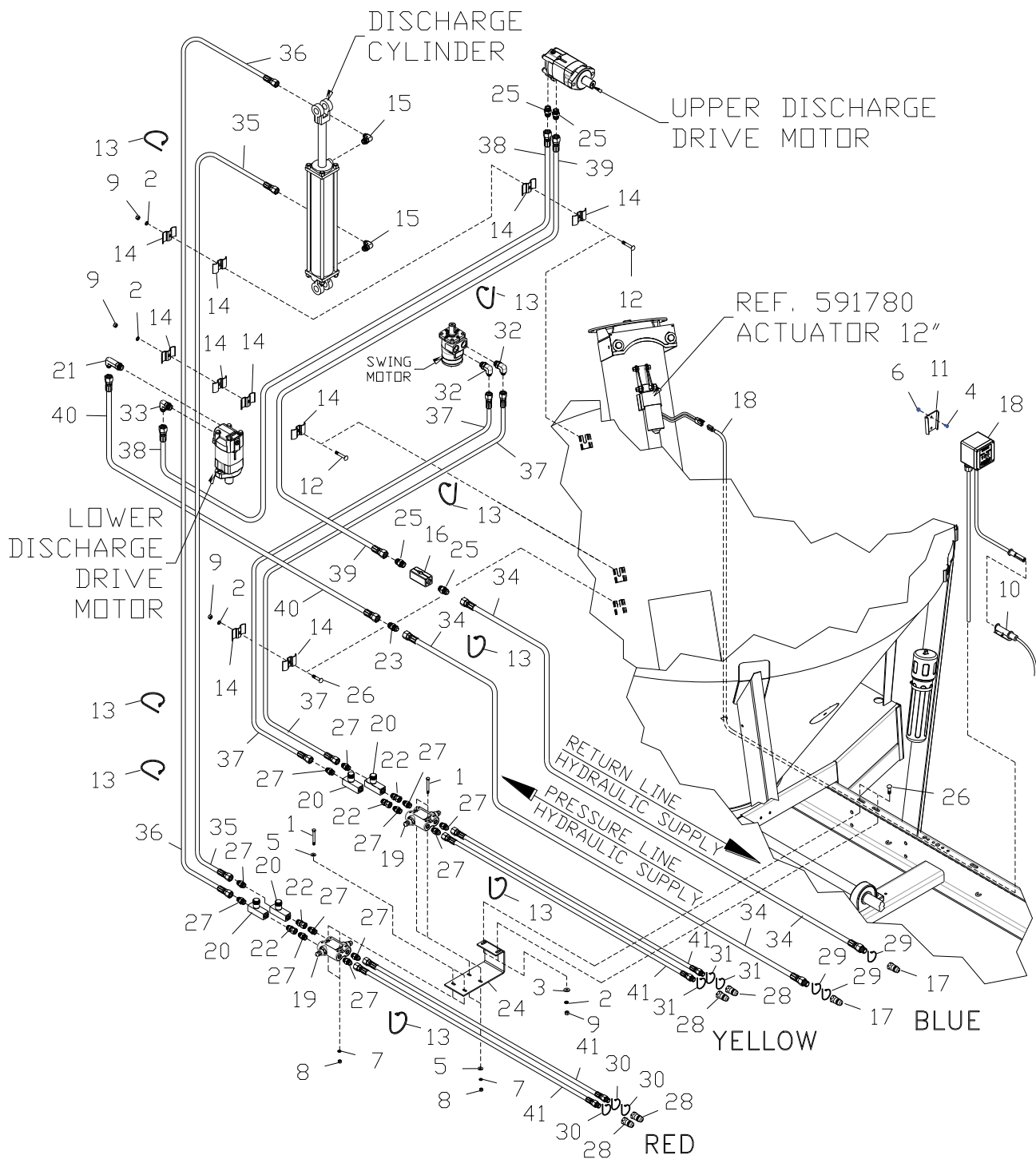
ITEM NO.	PART NUMBER	DESCRIPTION	3' QTY.	6' QTY.
1	584410	TUBE WLDT, 3'(SHOWN)	1	-
	583300	TUBE WLDT, 6'	-	1
2	584970	AUGER WLDT, 3'(SHOWN)	1	-
	583320	AUGER WLDT, 6'	-	1
3	005360	NUT, HEX 1/2-13	6	6
4	014770	BOLT, HHCS 1/2-13 X 1-1/2 GR5 ZN	6	6
5	005370	WASHER, LOCK 1/2 ZN	6	6
6	990820	BOLT, HHCS 3/8-16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

SCALE ARM ASSEMBLY



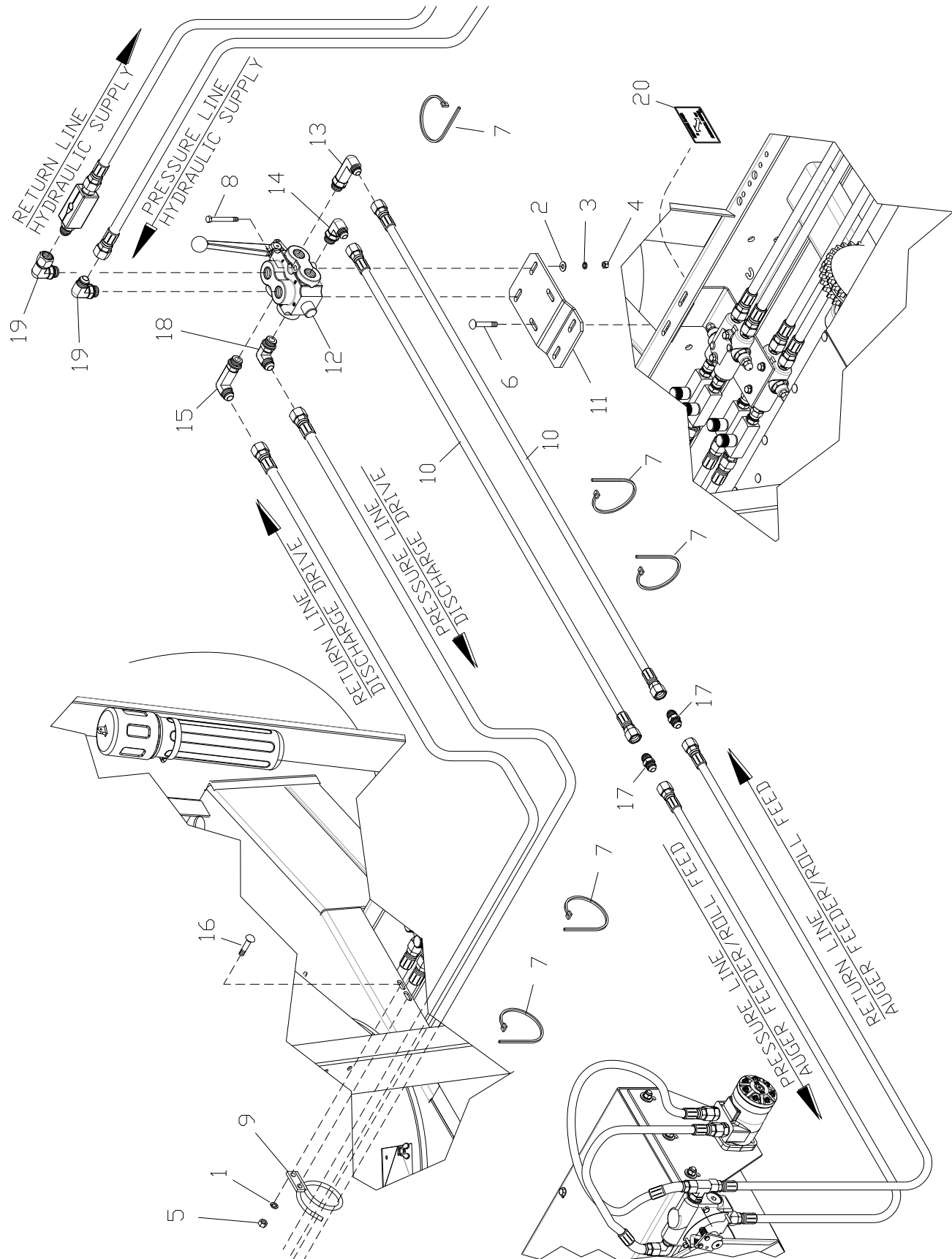
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005200	WASHER, FLAT 1/2 STD	1
2	012260	BOLT, HHCS 3/8-16 X 1	2
3	020700	COTTER PIN, 3/16 X 2 1/2	1
4	021180	WASHER, LOCK 3/8	4
5	021190	WASHER, FLAT 3/8 STD	2
6	022420	BOLT, HHCS 3/8-16 X 3/4"	2
7	023060	NUT, LOCK 3/8-16 2 WAY	2
8	027260	NUT, HEX 3/8-16 GR5	4
9	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

HYDRAULICS TO TRACTOR ASSEMBLY



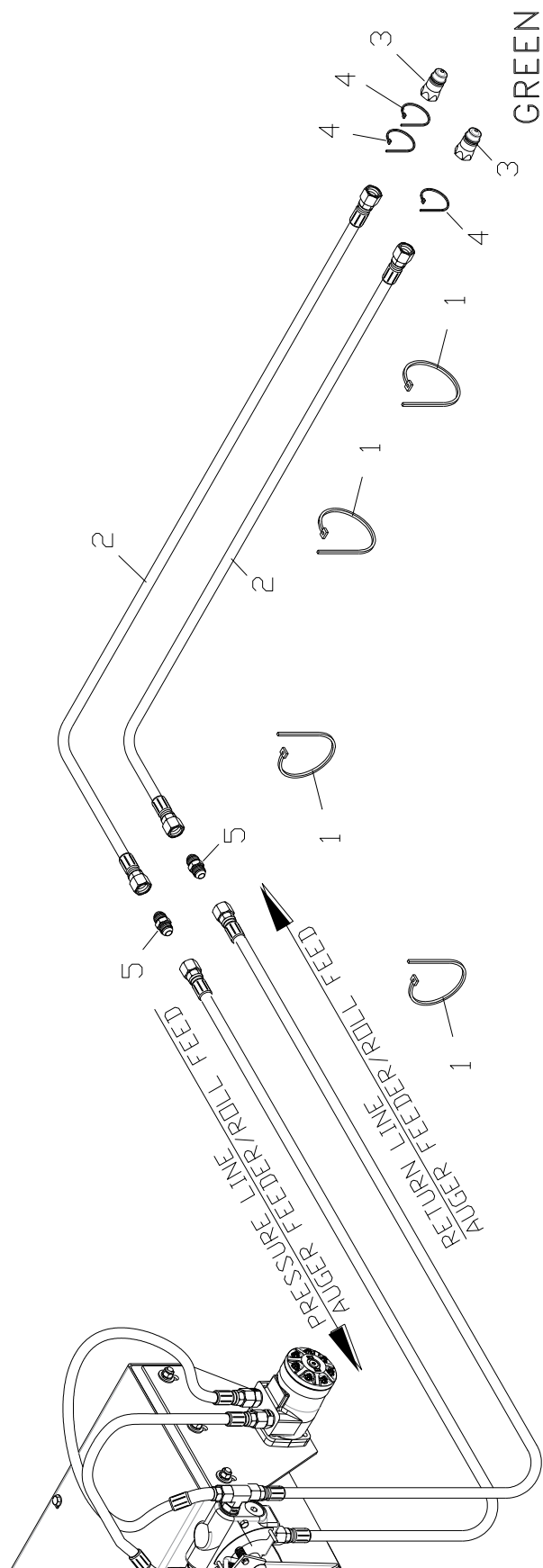
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
0	593910	HYDRAULIC KIT	1
1	009800	BOLT, HHCS 5/16-18 X 2-1/2	4
2	021180	WASHER, LOCK 3/8 ZN	5
3	021190	WASHER, FLAT 3/8 STD ZN	2
4	021240	SCREW, TRUSS HEAD 1/4"-20 X 1/2"	2
5	022920	WASHER, FLAT 5/16 STD ZN	4
6	023270	NUT, LOCK 1/4"-20 HEX FLANGE	2
7	023620	WASHER, LOCK 5/16 ZN	4
8	023630	NUT, HEX 5/16-18 GR5 ZN	4
9	027260	NUT, HEX 3/8-16 GR5 ZN	5
10	036780	CONNECTOR, POWER CORD (FEMALE)	1
11	039261	BRACKET, SMV EMBLEM MTG	1
12	041450	BOLT, CRG 3/8-16 X 2 GR5 ZN	2
13	149670	TIE, NYLON CABLE 3/16" X 11"	10
14	413050	CLAMP, HOSE	10
15	530210	ADAPTER, 90° SAE -16 MJIC X -16 MORB	2
16	530340	VALVE, CHECK SAE -10 FORB INLINE	1
17	576100	COUPLER, HYD -10 ORB	2
18	591790	BOX ASSY, REMOTE ACTUATOR	1
19	591920	VALVE, DUAL RELIEF ADJUSTABLE	2
20	591930	VALVE, FLOW CONTROL	4
21	591990	ELBOW, 90° X-LONG SAE -10 MORB X -10 MJIC	1
22	592520	ADAPTER, STR -10 JIC-M7/8 ORB	4
23	592530	ADAPTER, UNION -10 MJIC	1
24	593990	BRACKET, HYD VALVE MTG	1
25	I2185062	ADAPTER, STR -10 JIC -10 ORB	4
26	J03H1558	BOLT, CRG 3/8-16 X 1-1/2 SSN GR5 ZN	3
27	MP09.74155	CONNECTOR, SAE -8 MORB X -8 MJIC	12
28	MP09.74158	COUPLER, HYD -8 ORB	4
29	MP17.00564	CABLE, TIE - BLUE	3
30	MP17.00565	CABLE, TIE - RED	3
31	MP17.00566	CABLE, TIE - YELLOW	3
32	MP32.03794	ELBOW, 90° SAE -8 MORB X -8 MJIC	2
33	MP907670	ELBOW, 90° SAE -10 MORB X -10 MJIC	1
34	576270	HOSE ASSY, HYD 5/8 X 155" SAE -10 MORB X -10 FJIC	2
35	585550	HOSE ASSY, HYD 1/2 X 149" SAE -8 FJIC X -8 FJIC	1
36	585560	HOSE ASSY, HYD 1/2 X 170" SAE -8 FJIC X -8 FJIC	1
37	585570	HOSE ASSY, HYD 1/2 X 96" SAE -8 FJIC X -8 FJIC	2
38	585580	HOSE ASSY, HYD 5/8 X 149" SAE -10 FJIC X -10 FJIC	1
39	585590	HOSE ASSY, HYD 5/8 X 245" SAE -10 FJIC X -10 FJIC	1
40	585600	HOSE ASSY, HYD 5/8 X 96" SAE -10 FJIC X -10 FJIC	1
41	591950	HOSE ASSY, HYD 1/2 X 155" SAE -8 MORB X -8 FJIC	4

HYDRAULICS TO TRACTOR SELECTOR VALVE ASSEMBLY



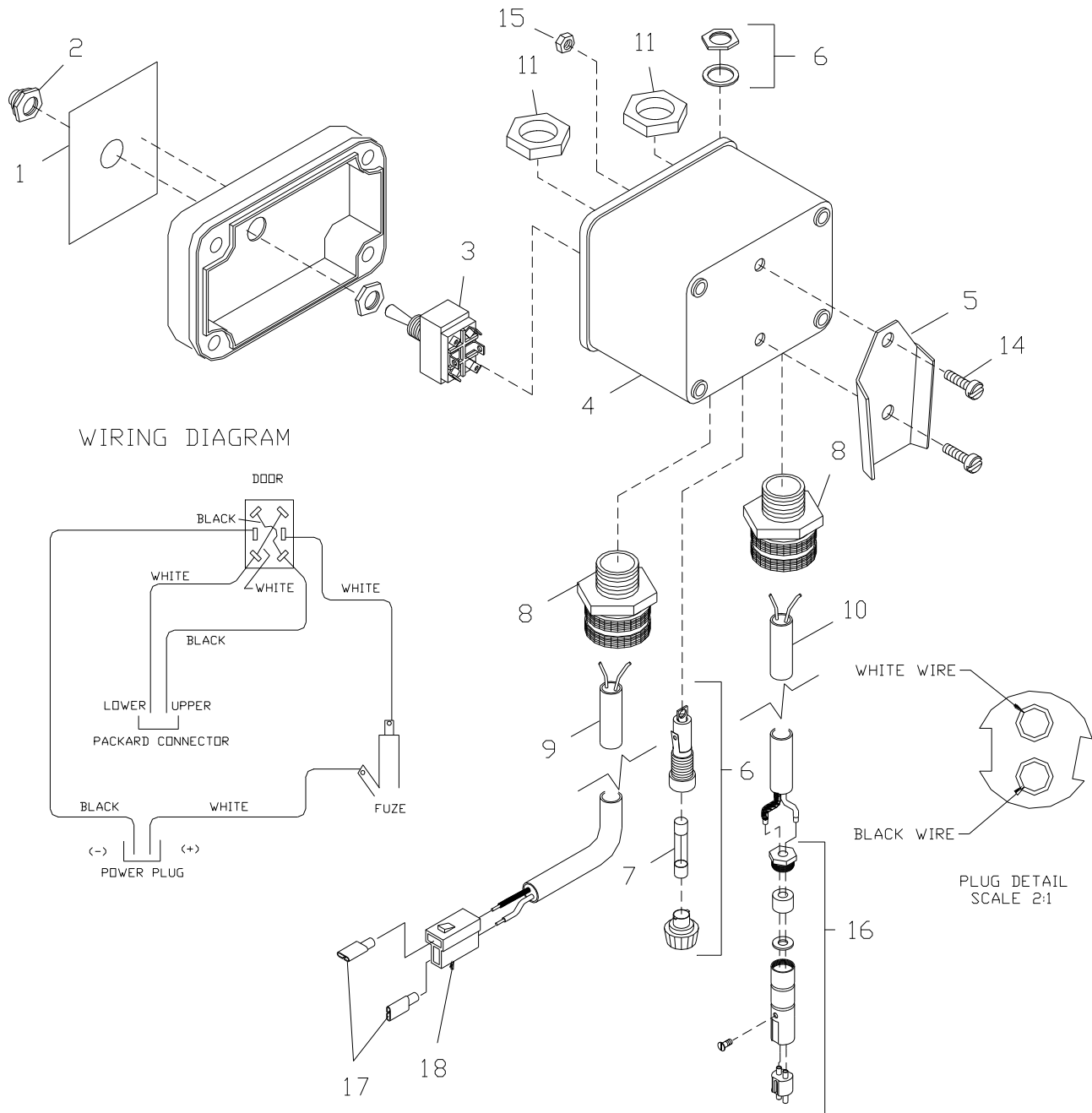
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	021180	WASHER, LOCK 3/8 ZN	2
2	022920	WASHER, FLAT 5/16 STD ZN	2
3	023620	WASHER, LOCK 5/16 ZN	2
4	023630	NUT, HEX 5/16-18 GR5 ZN	2
5	027260	NUT, HEX 3/8-16 GR5 ZN	2
6	041450	BOLT, CRG 3/8-16 X 2 GR5 ZN	2
7	149670	TIE, NYLON CABLE 3/16" X 11"	6
8	160230	BOLT, HHCS 5/16-18 X 3 GR5 ZN	2
9	212610	HOLDER WLDT, SWIVEL RING	1
10	580950	HOSE ASSY, HYD 1/2 X 63" SAE -8 FJIC X -8 FJIC	2
11	528390	BRACKET, HYD. VALVES	1
12	591940	VALVE, DOUBLE SELECTOR -10 SAE PORTS	1
13	591990	ELBOW, 90° X-LONG SAE -10 MORB X -10 MJIC	1
14	592510	ELBOW, 90° ADAPTER -10 MORB -10 FJIC	1
15	594840	ELBOW, 90° X-LONG SAE -10 MORB X -8 MJIC	1
16	J03H1558	BOLT, CRG 3/8-16 X 1-1/2 SSN GR5 ZN	2
17	MP32.01952	UNION, SAE -8 MJIC	2
18	MP32.03794	ELBOW, 90° SAE -8 MORB X -8 MJIC	1
19	MP907670	ELBOW, 90° SAE -10 MORB X -10 MJIC	2
20	591750	DECAL, SELECTOR VALVE	1

Art's Way Manufacturing



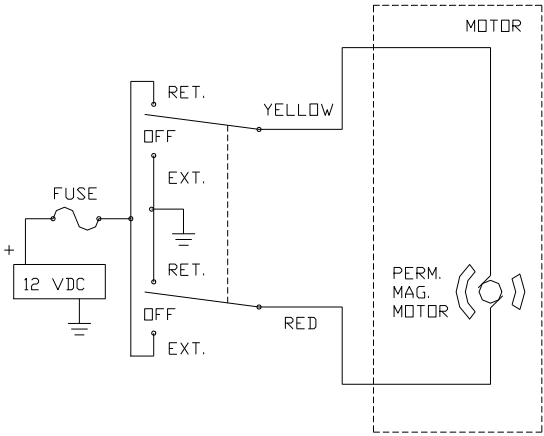
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	149670	TIE, NYLON CABLE 3/16" X 11"	4
2	591950	HOSE ASSY, HYD 1/2 X 155" SAE -8 MORB X -8 FJIC	2
3	MP09.74158	COUPLER, HYD -8 ORB	2
4	MP17.00567	CABLE, TIE - GREEN	3
5	MP32.01952	UNION, SAE -8 MJIC	2

REMOTE ACTUATOR CONTROL BOX ASSEMBLY

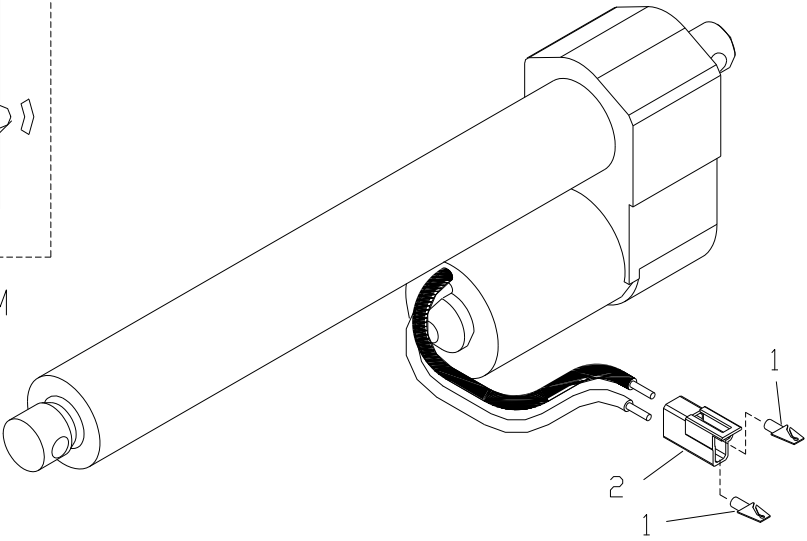


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	591820	DECAL, ACTUATOR CONTROL BOX	1
2	212470	SEAL, TOGGLE SWITCH	1
3	209590	SWITCH, TOGGLE MOMENTARY DPDT	1
4	591830	ENCLOSURE, REMOTE	1
5	346690	BRACKET, MOUNTING	1
6	W154550016	FUZE HOLDER	1
7	E292002	FUZE	1
8	346750	CONNECTOR, CORD .25 - .31	2
9	486650	WIRE, 16/2 GPT/300V NEO B/W	24'
10	486650	WIRE, 16/2 GPT/300V NEO B/W	6'
11	209210	LOCKNUT, 1/2 CONDUIT	2
12	962680	WIRE, 16 GA. WHITE	1'
13	962690	WIRE, 16 GA. BLACK	1'
14	021240	SCREW, TRUSS HEAD 1/4"-20 X 1/2"	2
15	023270	NUT, LOCK 1/4"-20 HEX FLANGE	2
16	155220	CONNECTOR, POWER CORD	1
17	E192016	TERMINAL, FEMALE 14-16 GA.	2
18	E376001	INSULATOR, CONNECTOR MALE PACKARD	1

ACTUATOR ASSEMBLY

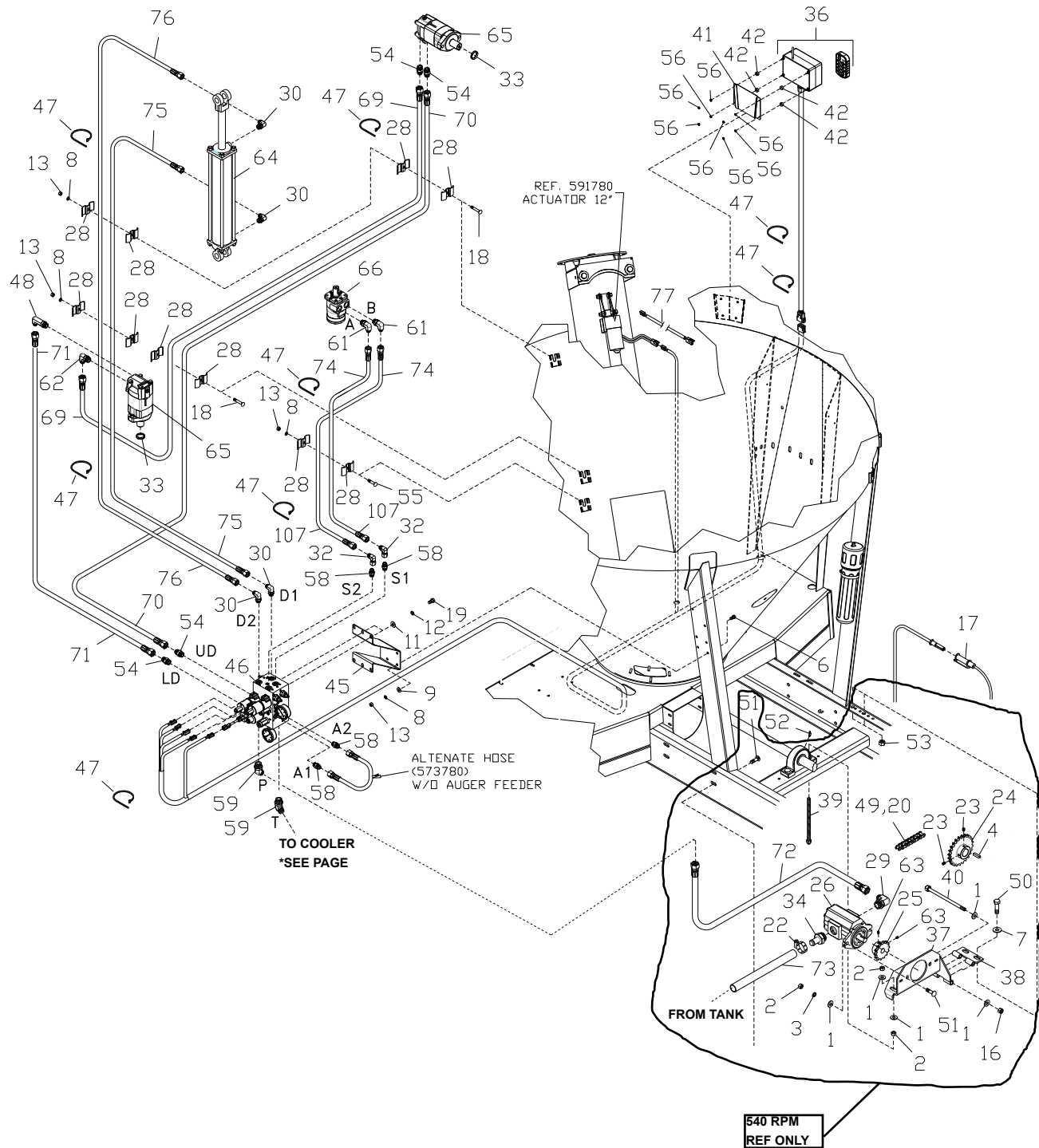


ACTUATOR WIRING DIAGRAM



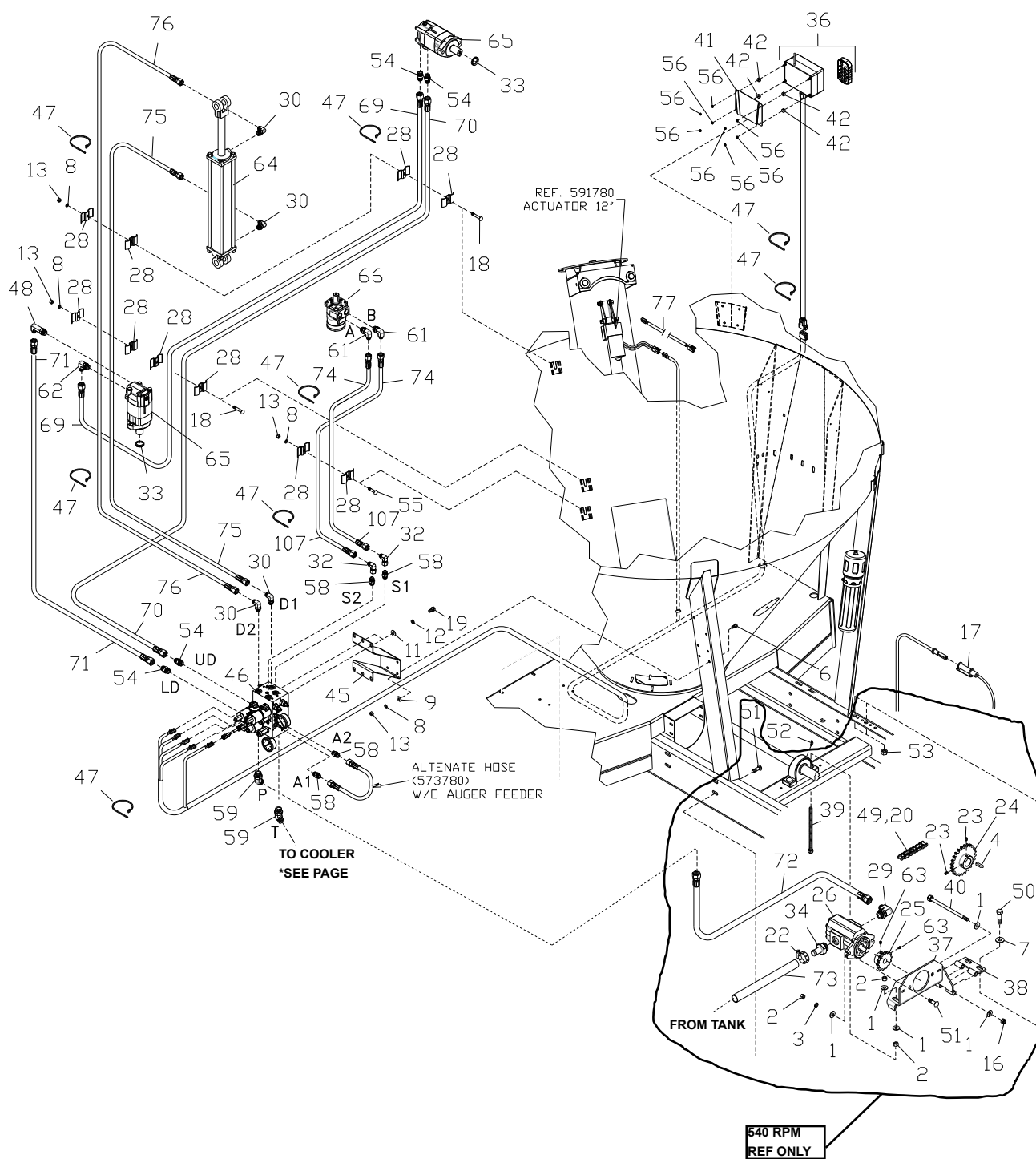
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	345820	TERMINAL, MALE, 14-16 GA.	2
2	345810	INSULATOR, CONNECTOR FEMALE	1

HYDRAULIC TANK & COOLER ASSEMBLY



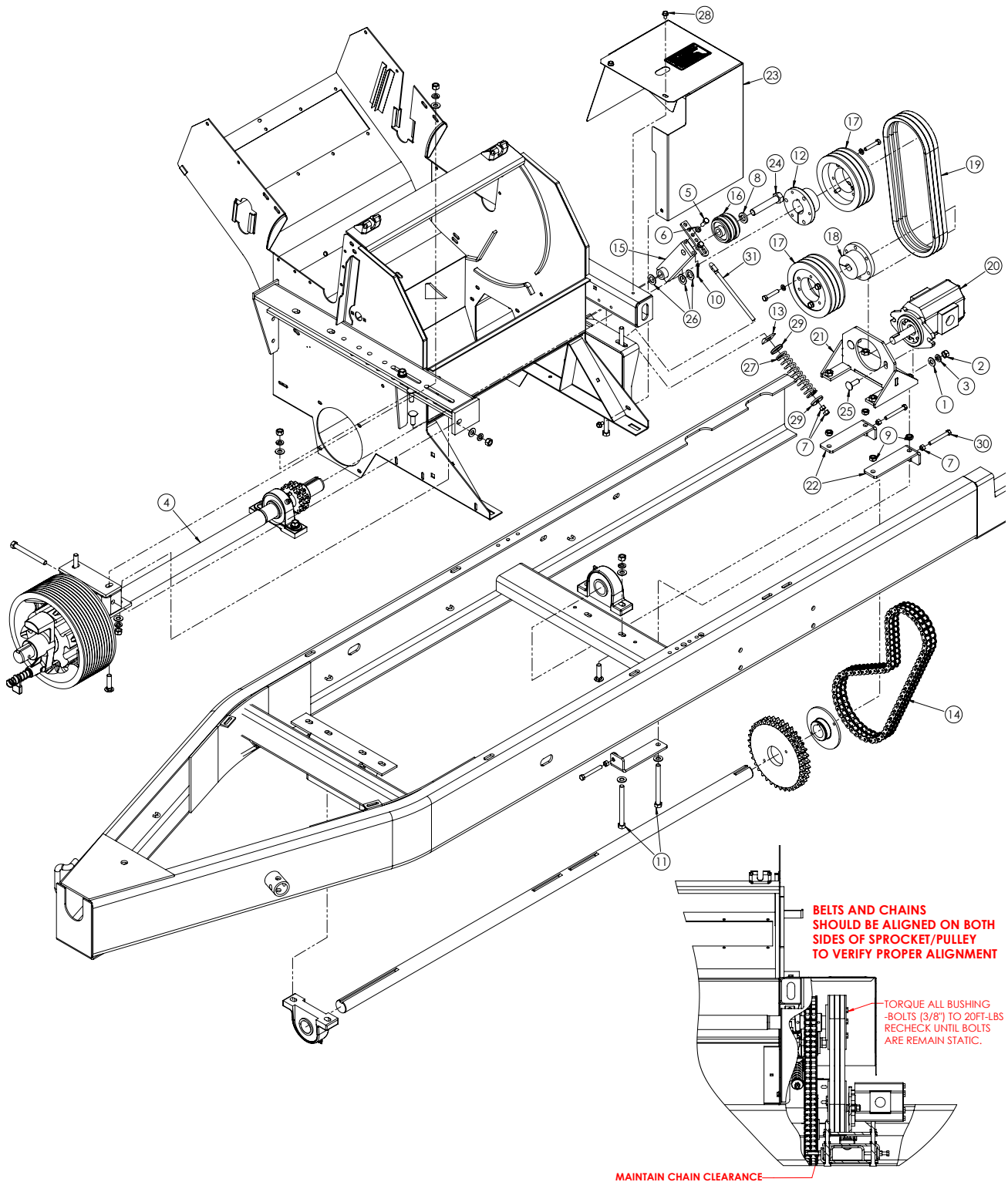
ITEM NO.	PART NUMBER	DESCRIPTION	540 QTY.	1000 QTY.
0	626840	HYDRAULIC KIT	1	1
1	005200	WASHER, FLAT 1/2 STD ZN	12	12
2	005360	NUT, HEX 1/2-13 GR5 ZN	8	8
3	005370	WASHER, LOCK 1/2 ZN	6	6
4	006670	KEY, SQUARE 3/8 X 1-1/2	1	1
5	006690	BOLT, HHCS 3/8-16 X 1-1/4 GR5 ZN	4	4
6	170530	BOLT, CRG 3/8-16 X 1	4	4
7	020430	WASHER, FLAT 5/8 STD ZN	2	2
8	021180	WASHER, LOCK 3/8 ZN	11	11
9	021190	WASHER, FLAT 3/8 STD ZN	12	12
10	023260	WASHER, FLAT 1/4 STD ZN	2	2
11	023980	WASHER, FLAT 7/16 STD ZN	4	4
12	023990	WASHER, LOCK 7/16 ZN	4	4
13	027260	NUT, HEX 3/8-16 GR5 ZN	11	11
14	029440	WASHER, LOCK 1/4 ZN	2	2
15	029450	BOLT, HHCS 1/4-20 X 1/2 GR5 ZN	2	2
16	037540	NUT, LOCK 1/2-13 NYLON HEX GR5 ZN	1	1
17	036780	CONNECTOR, POWER CORD (FEMALE)	1	1
18	041450	BOLT, CRG 3/8-16 X 2 GR5 ZN	2	2
19	128000	BOLT, HHCS 7/16-14 X 1 GR5 ZN	4	4
20	165990	LUBRICANT, INDUSTRIAL	.5	.5
	166000	OIL, HYDRAULIC	13 GAL.	13 GAL.
22	166110	CLAMP, HOSE 20H	2	2
23	218660	SCREW, HSSS 3/8-16 X 3/8 BLO	2	2
24	626750	SPROCKET, 60B24 1-3/4" BORE	1	1
25	271180	SPROCKET, 60B14 7/8	1	1
26	274380	PUMP, HYD 3.90CI CC ROTATION	1	0
	589650	SEALKIT, HYD PUMP PRINCE (FOR 274380)(NOT SHOWN)	-	-
27	389300	DECAL, IMPORTANT AVOID DESTRUCTION/PUMP	1	1
28	413050	CLAMP, HOSE	10	10
29	506540	ELBOW, 90 DEG. 1-5/16ORB X 1-1/16JIC MALE	2	2
30	530210	ADAPTER, 90° SAE -16 MJIC X -16 MORB	2	2
31	551510P	ADAPTER, 90° SAE-12 MJIC X -12 MORB	1	1
32	551560	ADAPTER, 90° SAE-8 MJIC X -8 FJIC	2	2
33	584690	SEAL, SLINGER 1-1/4	2	2
34	585310	FITTING, HYD SAE-20 MORB X -20 BEADED	1	1
35	585400	ADAPTER, 90° ELBOW SAE-20 BEADED X -16 MORB	1	1
36	585710	CONTROL BOX, COMPLETE	1	1
37	604100	MOUNT WLDT, HYD PUMP 540 RPM	1	1
38	586580	HINGE WLDT, HYD PUMP 540 RPM	1	1
39	586600	BOLT WLDT, 1/2-13 X 9-1/4 FULL THREAD	1	1

HYDRAULIC TANK & COOLER ASSEMBLY, (CONTINUED)



ITEM NO.	PART NUMBER	DESCRIPTION	540 QTY.	1000 QTY.
40	586780	BOLT WLDT, 1/2-13 X 9-1/8	1	1
41	587170	BRACKET WLDT, CONTROL BOX	1	1
42	589490	BUMPER, RUBBER	4	4
43	591370	MOUNT WLDT, LOWER RESERVOIR	1	1
44	591400	TANK ASSY, HYD.RESERVOIR 36 GAL.	1	1
45	591410	MOUNT, MANIFOLD VALVE	1	1
46	591800	VALVE ASSY, MANIFOLD	1	1
47	149670	TIE, NYLON CABLE 3/16" X 11"	20	20
48	591990	ELBOW, 90° X-LONG SAE -10 MORB X -10 MJIC	1	1
49	586540	CHAIN, ROLLER RC60H X 38 PITCH	1	1
50	990610	BOLT, HHCS 5/8-11 X 1-1/2	2	2
51	E096046	BOLT, CRG 1/2-13 X 1-1/2 GR5 ZN	6	6
52	I117176	FITTING, GREASE 45° 1/4-28	1	1
53	I19508R1	NUT, LOCK 5/8-11	2	2
54	I2185062	ADAPTER, STR M7/8 JIC-M7/8 ORB	3	3
55	J03H1558	BOLT, CRG 3/8-16 X 1-1/2 SSN GR5 ZN	1	1
56	J14H605	NUT, HEX #8-32 GR2 ZN	8	8
57	MP09.74127	CONNECTOR, HYD SAE -12 MORB X-12 MJIC	2	2
58	MP09.74155	CONNECTOR, SAE -8 MORB X -8 MJIC	4	4
59	MP17.00388	ELBOW, 45° SAE -12 MORB X -12 MJIC	2	2
60	MP17.00391	FILTER, HYDRAULIC W/HOUSING	1	1
	MP17.00392	FILTER, ELEMENT REPLACEMENT (IN MP17.00391)	-	-
61	MP32.03794	ELBOW, 90° SAE -10 MORB X -8 MJIC	2	2
62	MP907670	ELBOW, 90° SAE -10 MORB X -10 MJIC	1	1
63	R61564	SCREW, HSSS 5/16-18 X 1/2 BLO KNURLED	2	2
64	582800	CYLINDER, HYD 3X16 DOUBLE ACTING	1	1
	355350P	SEAL KIT, CROSS CYL. (FOR 582800)(NOT SHOWN)	-	-
65	576240	MOTOR, HYD 9.6 CID 1.25 SHAFT 5/16 KW	2	2
66	586440	MOTOR, HYD 20 CID	1	1
67	585360	HOSE ASSY, HYD 3/4 X 30" SAE -12 FJIC X -12 FJIC	1	1
68	585380	HOSE ASSY, HYD 3/4 X 20" SAE -12 FJIC X -12 FJIC	1	1
69	585580	HOSE ASSY, HYD 5/8 X 149" SAE -10 FJIC X -10 FJIC	1	1
70	585590	HOSE ASSY, HYD 5/8 X 245" SAE -10 FJIC X -10 FJIC	1	1
71	585600	HOSE ASSY, HYD 5/8 X 96" SAE -10 FJIC X -10 FJIC	1	1
72	585690	HOSE ASSY, HYD 3/4 X 72" SAE -12 FJIC X -12 FJIC	1	1
73	585700	HOSE HYD, 1-1/4 X 30" 100R4-20	1	1
74	591960	HOSE ASSY, HYD 1/2 X 126" SAE -8 FJIC X -8 FJIC	2	2
75	591970	HOSE ASSY, HYD 1/2 X 179" SAE -8 FJIC X -8 FJIC	1	1
76	591980	HOSE ASSY, HYD 1/2 X 200" SAE -8 FJIC X -8 FJIC	1	1
77	345800	WIRE ASSY, 18/2 SJO 3' W/CONNECTORS	1	1

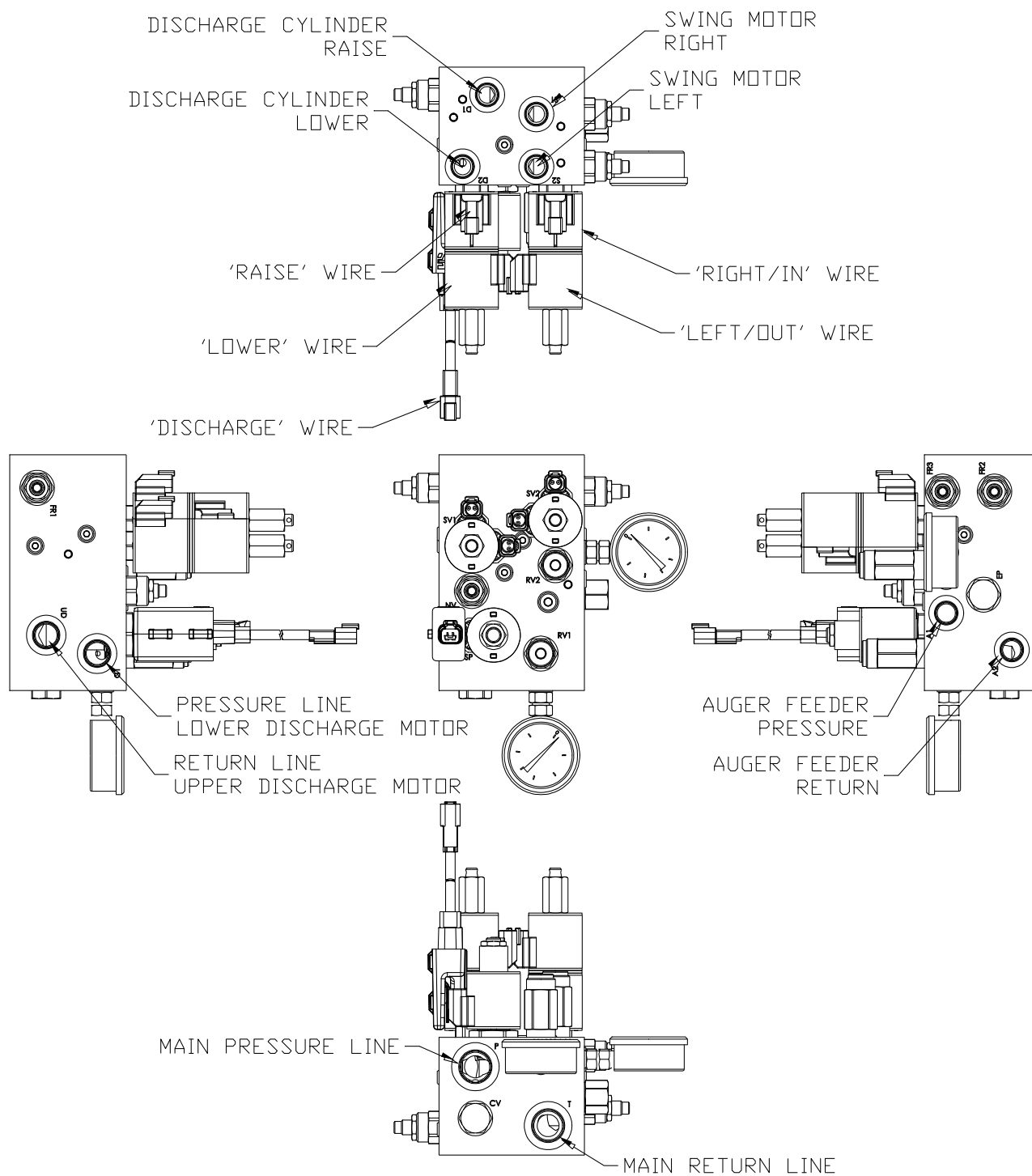
BELT DRIVE (1000RPM) ASSEMBLY



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005200	WASHER, FLAT 1/2 STD	7
2	005360	NUT, HEX 1/2-13	3
3	005370	WASHER, LOCK 1/2	3
4	SEE PAGE	JACKSHAFT ASSY.	1
5	012260	BOLT, HHCS 3/8-16 X 1	2
6	021180	WASHER, LOCK 3/8	2
7	027260	NUT, HEX 3/8-16 GR5	6
8	036800	WASHER, LOCK 3/4 SAE	1
9	114380	NUT, JAM 1/2-13 HEX	4
10	124340	COTTER PIN, 3/16 X 2 1/2	1
11	162930	BOLT, HHCS 1/2-13 X 5-1/2 GR2 FULL	4
12	234760	BUSHING, QD, 1-3/4" BORE	1
13	264780	WASHER, OVAL .312X1.25X1.50	1
14	529250	CHAIN, ROLLER RC60-2	1
15	591580	ARM WLDT, TENSIONER	1
16	591740	ROLLER, DOUBLE RC60	1
17	609100	SHEAVE, 7.1" O.D.	2
18	609120	BUSHING, SHEAVE 7/8"	1
19	609140	BELT SET (3), 5V, V 45", MATCHED SET	1
20	609480	PUMP, HYD 3.90 CID	1
21	613170	MOUNT WLDT, PUMP BD	1
22	613210	CLAMP WLDT, MOUNT	4
23	614155	SHIELD, BELT DRIVE 1000	1
24	990590	HBOLT 0.7500-10X4 GR5 ZN	1
25	991200	BOLT, CRG 1/2-13 X 2	2
26	E126057	BUSHING, MACH 3/4 X 14GA ZN	3
27	J23096	SPRING, COIL	1
28	JN71292	SCREW, FLG 5/16-18 X 1/2	1
29	JN73401	WASHER, CUPPED	2
30	P99467	BOLT, HHCS 3/8 X 3 FULL THREAD	4
31	R66275	BOLT, J 3/8-16X8-1/8	1

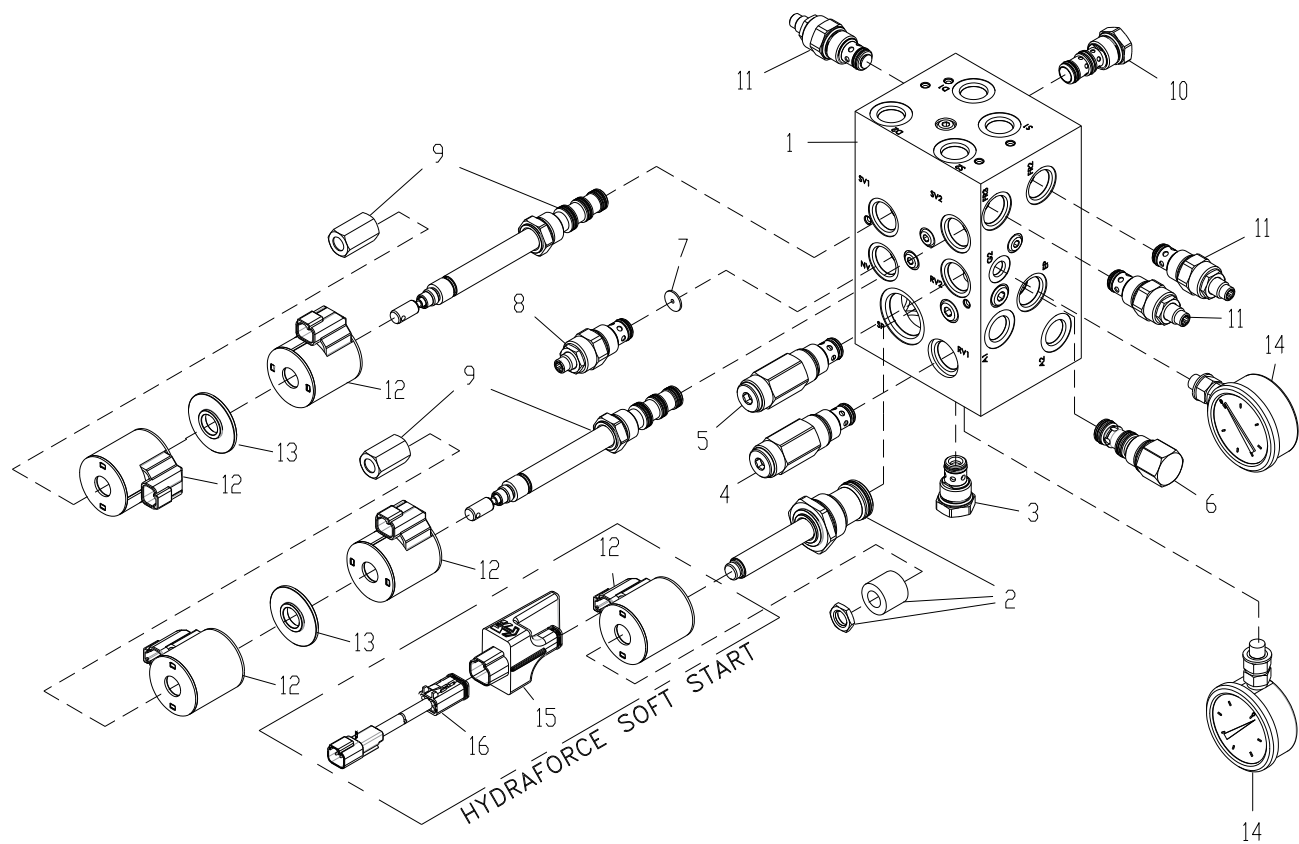
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005200	WASHER, FLAT 1/2 STD	4
2	005360	NUT, HEX 1/2-13	4
3	005370	WASHER, LOCK 1/2	4
4	012051	BOLT, HHCS 1/4-20 X 3/4	3
5	049290	BOLT, CRG 5/16-18 X 1-1/4	4
6	021180	WASHER, LOCK 3/8	4
7	021190	WASHER, FLAT 3/8 STD	4
8	022920	WASHER, FLAT 5/16 STD	4
9	023260	WASHER, FLAT 1/4 STD	3
10	023620	WASHER, LOCK 5/16	4
11	023630	NUT, HEX 5/16-18 GR5 ZN	8
12	027260	NUT, HEX 3/8-16 GR5	4
13	027660	NUT, HEX 1/4-20 GR5 ZN	3
14	029440	WASHER, LOCK 1/4 SAE	3
15	165880	FILLER-BREATHING,	1
16	165960	PLUG, MAGNETIC	1
17	170530	BOLT, CRG 3/8-16 X 1"	4
18	506540	FITTING, HYD 90°	2
19	585400	ADAPTER, 90° ELBOW	1
20	585450	STRAINER, TANK MOUNT	1
21	596790	GAUGE, SIGHT/TEMP	1
22	626180	TANK WLDT, HYD	1
23	626200	COOLER, HYD. 12V	1
24	626290	FILTER ASSY, SPIN ON	1
25	626300	MOUNT WLDT, COOLER	1
26	626360	SWITCH, TEMP CONTROL	1
27	626370	CONTROLLER, TWO WAY	1
28	626380	HARNESS, COOLING FAN IMPLEMENT SIDE	1
	626170	HARNESS, COOLING FAN TRACTOR SIDE (SEE PAGE 115)	1
29	626390	FITTING, HYD STR	1
30	626820	FITTING, HYD 90°	1
31	636050	PANEL, TANK ACCESS	1
32	E096046	BOLT, CRG 1/2-13 X 1-1/2	4
33	JN10212	SCREW, FLG 5/16-18 X 3/4	4
34	MP907120	SCREW, TEK 1/4"	1
35	P98341	SCREW, PHTS 10-24X1/2	6

HYDRAULIC MANIFOLD VALVE DESCRIPTIONS

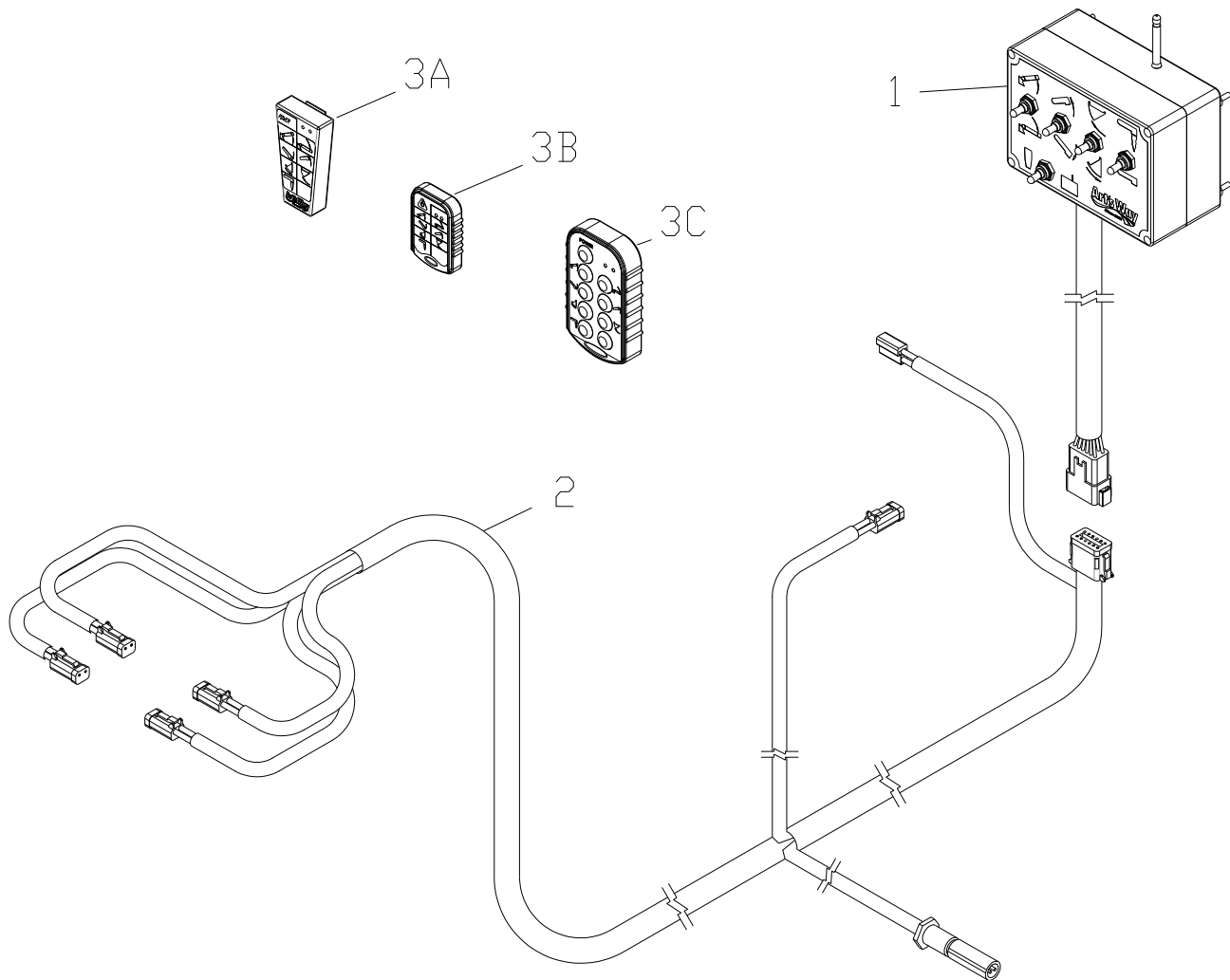


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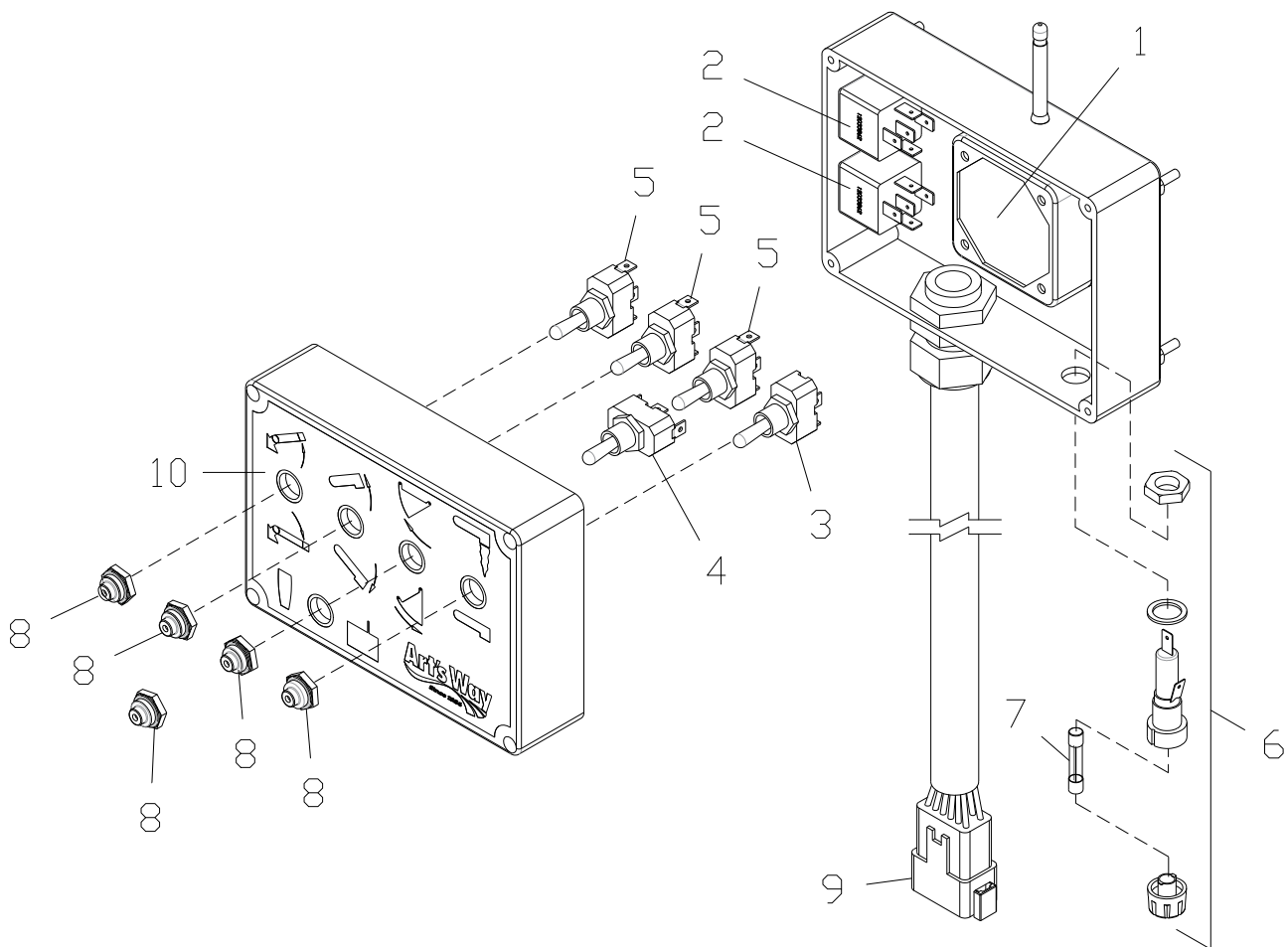
HYDRAULIC MANIFOLD VALVE ASSEMBLY



ITEM NO.	PART NUMBER	DESCRIPTION	TORQUE	QTY.
1	NA	BLOCK, MANIFOLD	-	1
2	594860	VALVE, #16 PROPORTIONAL POPPET 2-WAY NC	46-54 FT.LBS.	1
	596940	SEAL KIT, SK16-2N-T (NOT SHOWN)		-
3	594870	VALVE, #10 CHECK 5 PSI	24-26 FT.LBS.	1
	596950	SEAL KIT, SK10-2N-T (NOT SHOWN)		-
4	594880	VALVE, #10 RELIEF DIFFERENTIAL AREA 2500 PSI	24-26 FT.LBS.	1
	596950	SEAL KIT, SK10-2N-T (NOT SHOWN)		--
5	594890	VALVE, #10 RELIEF DIFFERENTIAL AREA 2000 PSI	24-26 FT.LBS.	1
	596950	SEAL KIT, SK10-2N-T (NOT SHOWN)		-
6	594900	VALVE, #10 PILOTED SPOOL TYPE LOGIC ELEMENT 80 PSI	24-26 FT.LBS.	1
	596960	SEAL KIT, SK10-3N-MM (NOT SHOWN)		-
7	NA	DISK, ORIFICE .117 DIA.	-	1
8	594910	VALVE, #10 NEEDLE ALLEN HEAD ADJUSTMENT	24-26 FT.LBS.	1
	596970	SEAL KIT, SK10-2N-M (NOT SHOWN)		-
9	594920	VALVE, #10 SPOOL, 4W3P, TANDEM CENTER	24-26 FT.LBS.	2
	596980	SEAL KIT, SK10-4N-MMM (NOT SHOWN)		-
10	594930	VALVE, #10 PILOT TO OPEN 30 PSI	24-26 FT.LBS.	1
	596990	SEAL KIT, SK10-3N-TM (NOT SHOWN)		-
11	594940	VALVE, #10 PRESS. COMP. FLOW CONTROL 0-3 GPM	33-37 FT.LBS.	3
	596950	SEAL KIT, SK10-2N-T (NOT SHOWN)		-
12	594950	E-COIL, #10 12-VDC, DEUTSCH DT04-2P	-	4-5
13	NA	SPACER, #10 COIL	-	2
14	MP07.17866	GAUGE, PRESSURE, 0-3000 PSI 2-1/2 LIQUID	8-10 FT.LBS.	2
15	594960	DRIVER ASSY, VALVE RAMP CONTROLLER	-	1
16	594970	HARNESS ASSY, WIRE RAMP CONTROLLER	-	1
19	596930	SEAL KIT, COMPLETE MANIFOLD VALVE	-	**
**NOTE: 596930 SEAL KIT INCLUDES ALL LISTED INDIVIDUAL VALVE SEAL KITS.				

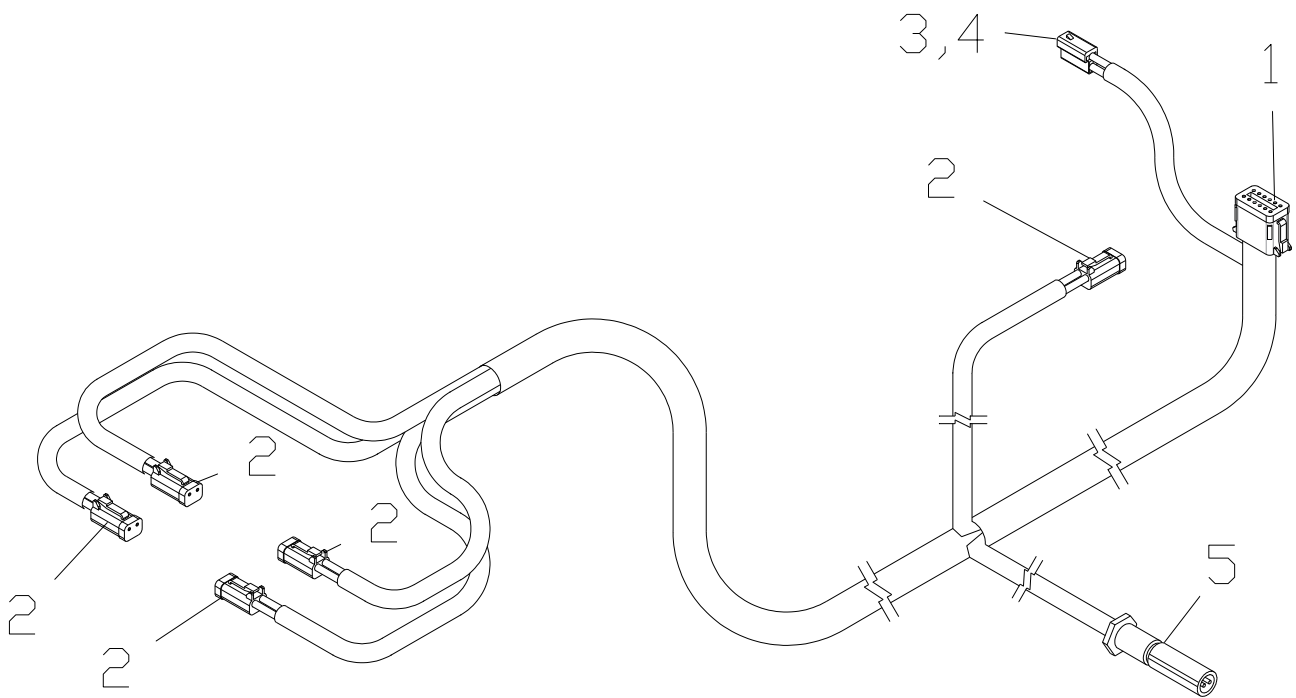
CONTROL BOX SYSTEM ASSEMBLY

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 7165 IS SHIPPED WITH 589660 MACRO-TRANSMITTER, ANY OF THE OTHER TYPES OF TRANSMITTERS WILL WORK WITH THE SELF-CONTAINED HYDRAULIC SYSTEM.			

CONTROL BOX ASSEMBLY

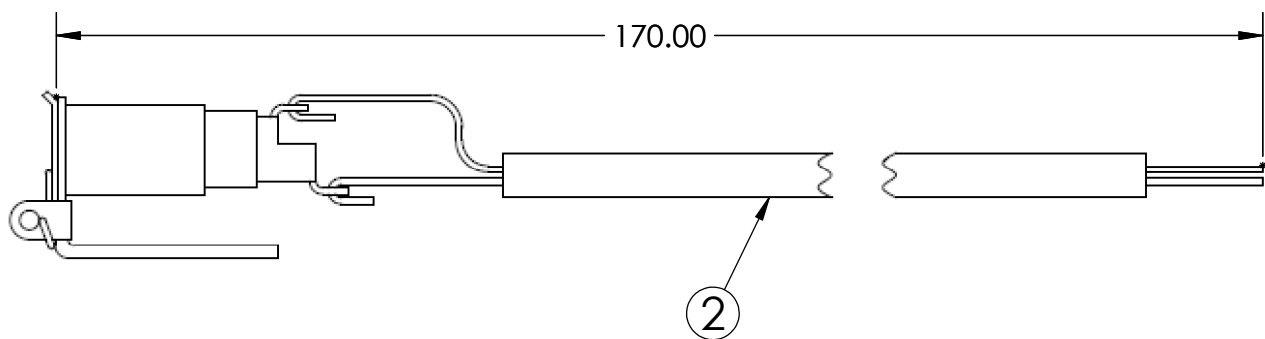
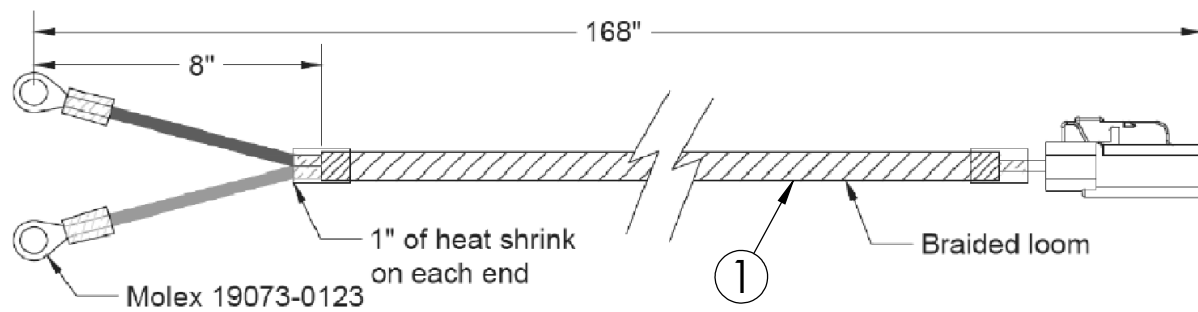
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	587160	RECEIVER, RF 8-OUTPUT KAR-TECH	1
2	589950	RELAY, 12V SPDT 40/20 AMP 5-TERMINAL #75413	2
3	589960	SWITCH, TOGGLE ON-OFF SPDT #44252	1
4	589970	SWITCH, TOGGLE ON-ON SPDT #44252	1
5	589980	SWITCH, TOGGLE MOMENTARY (ON)-OFF-(ON) SPDT #44252	3
6	589990	HOLDER, 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 PAGES FOR ELECTRICAL SCHEMATIC.			

HARNESS ASSEMBLY



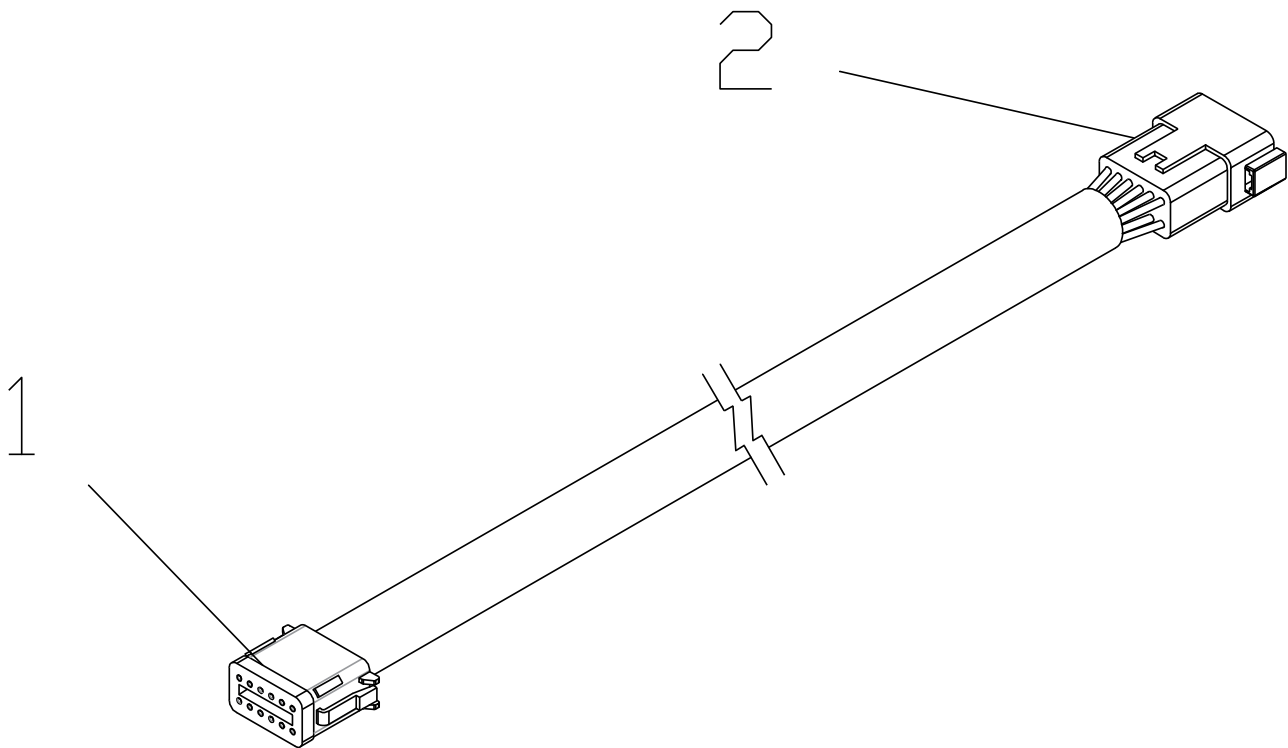
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	590420	CONNECTOR KIT, DEUTSCH DT06-12S W/TERMINALS (PAGE 117)	1
2	590440	CONNECTOR KIT, DEUTSCH DT06-2S W/TERMINALS (PAGE 117)	5
3	E376001	INSULATOR, CONNECTOR MALE PACKARD	1
4	E192016	TERMINAL, FEMALE 14-16 GA.	2
5	155220	CONNECTOR, POWER CORD	1
*NOTE SEE OTHER PAGE FOR ELECTRICAL SCHEMATIC.			

ADD-ON POWER HARNESSES



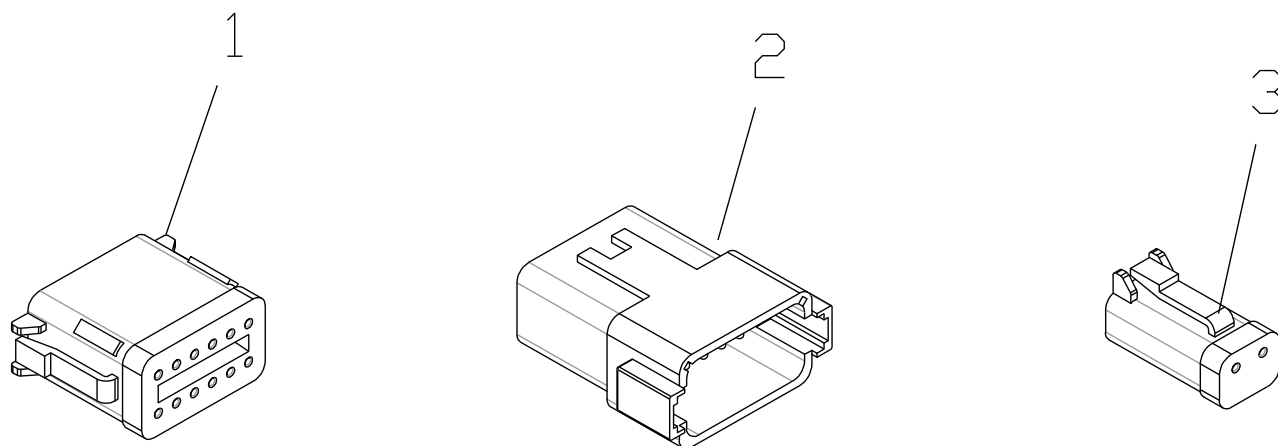
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	626170	HARNESS, COOLING FAN (TRACTOR SIDE)	1
2	036780	CONNECTOR ASSY, FEMALE 2-PIN (TRACTOR SIDE)	1
NOTE: THESE HARNESSES COME STANDARD ON NEW UNITS FOR 1 TRACTOR. REPLACEMENT HARNESS COMPONENTS NOT AVAILABLE			

HARNESS EXTENSION ASSEMBLY



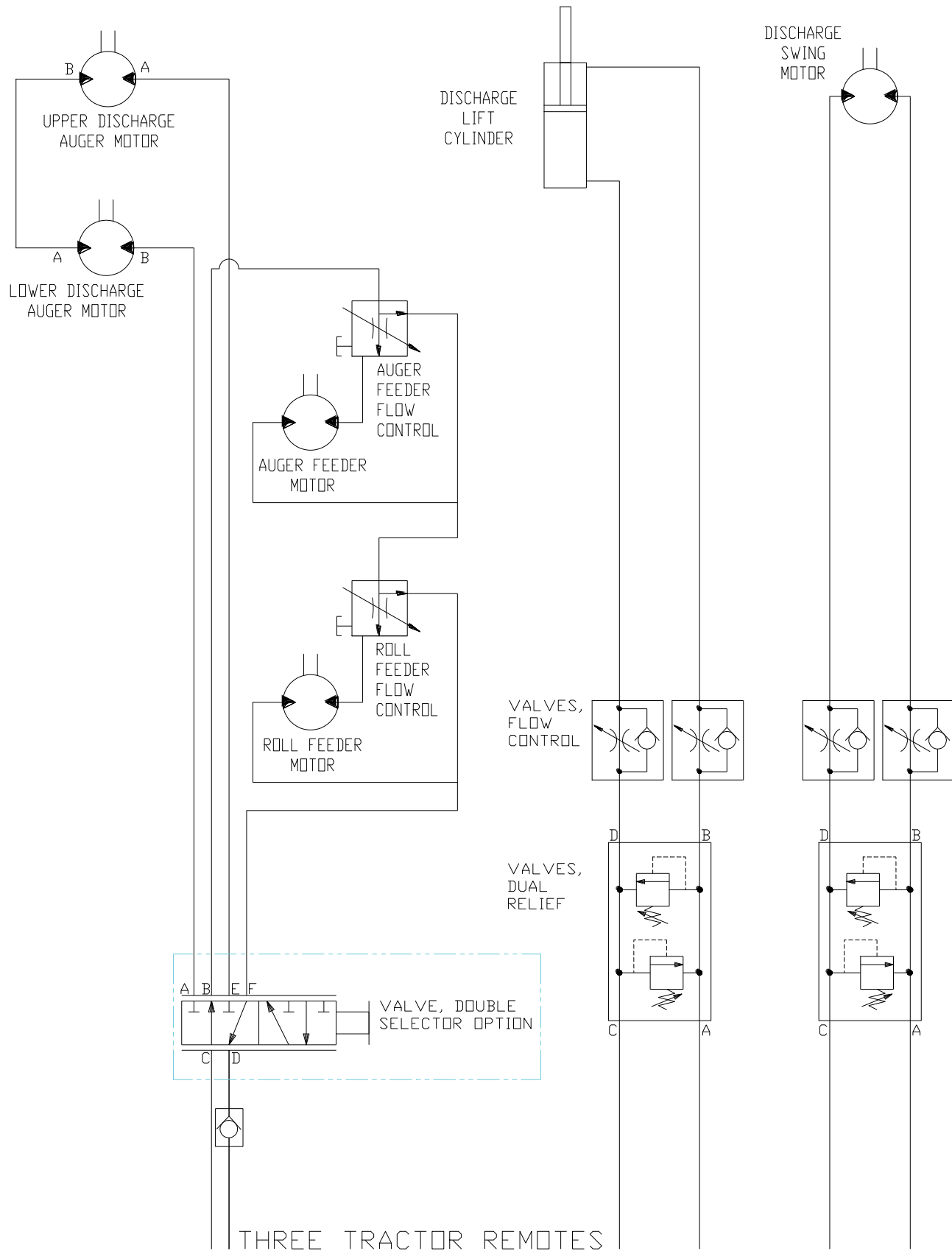
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	590420	CONNECTOR KIT, DEUTSCH DT06-12S W/TERMINALS (PAGE 117)	1
2	590430	CONNECTOR KIT, DEUTSCH DT04-12P W/TERMINALS (PAGE 117)	1
NOTE: 20 FT. WIRE HARNESS EXTENSION CAN BE USED WITH 585710, CONTROL BOX W/OVERRIDE TO ALLOW OPERATION FROM TRACTOR . SEE OTHER PAGE FOR ELECTRICAL SCHEMATIC.			

DEUTSCH CONNECTORS KIT



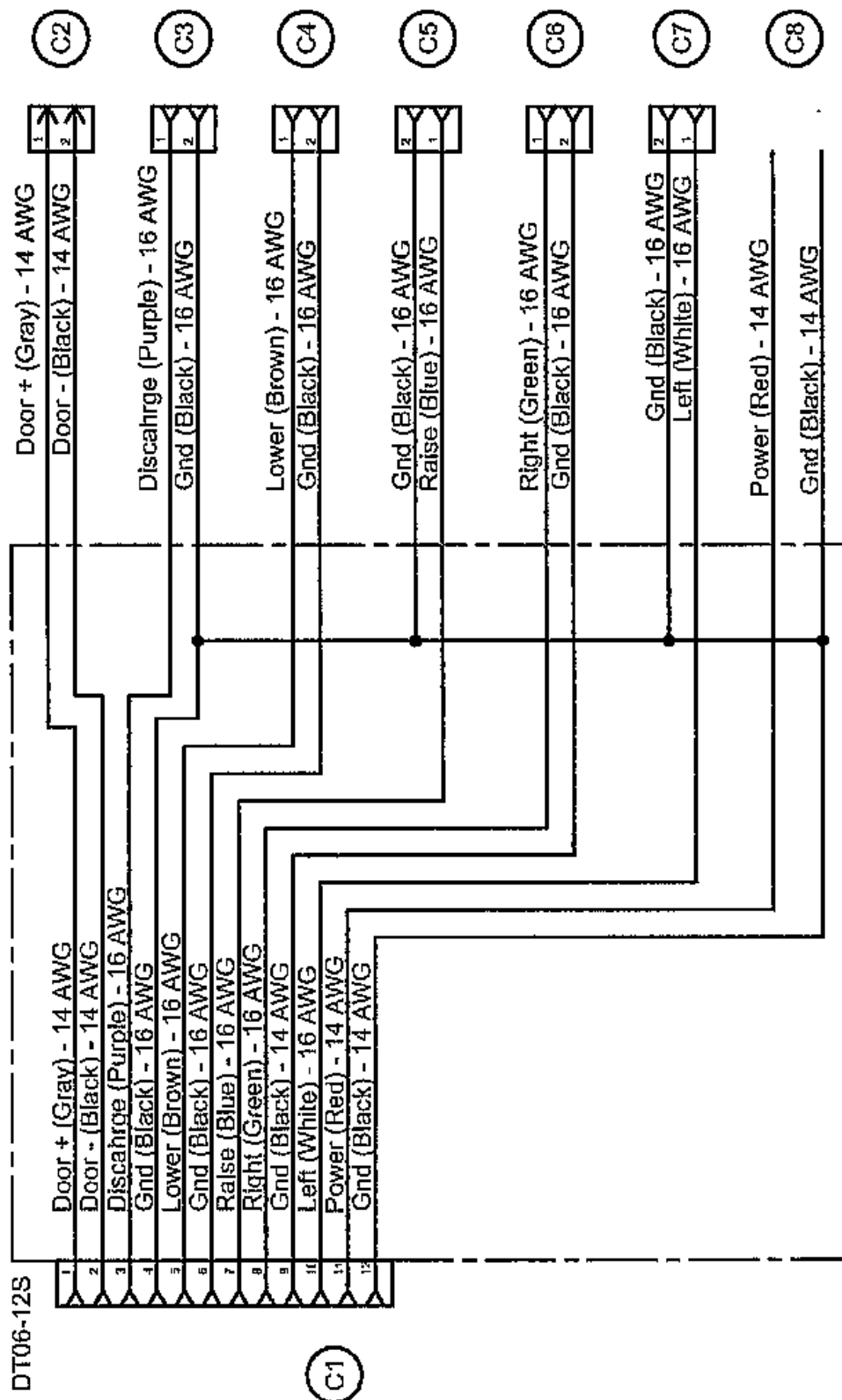
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	590420	CONNECTOR KIT, DEUTSCH DT06-12S W/TERMINALS	RF
	590470	CONNECTOR, DEUTSCH DT06-12S	1
	590520	WEDGE, LOCK W-12S	1
	590580	TERMINAL, SOCKET 0462-202-16141	12
2	590430	CONNECTOR KIT, DEUTSCH DT04-12P W/TERMINALS	RF
	590480	CONNECTOR, DEUTSCH DT04-12P	1
	590530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

TRACTOR HYDRAULIC SCHEMATIC



WIRING HARNESS ELECTRIC SCHEMATIC

Packard 56 Series Female

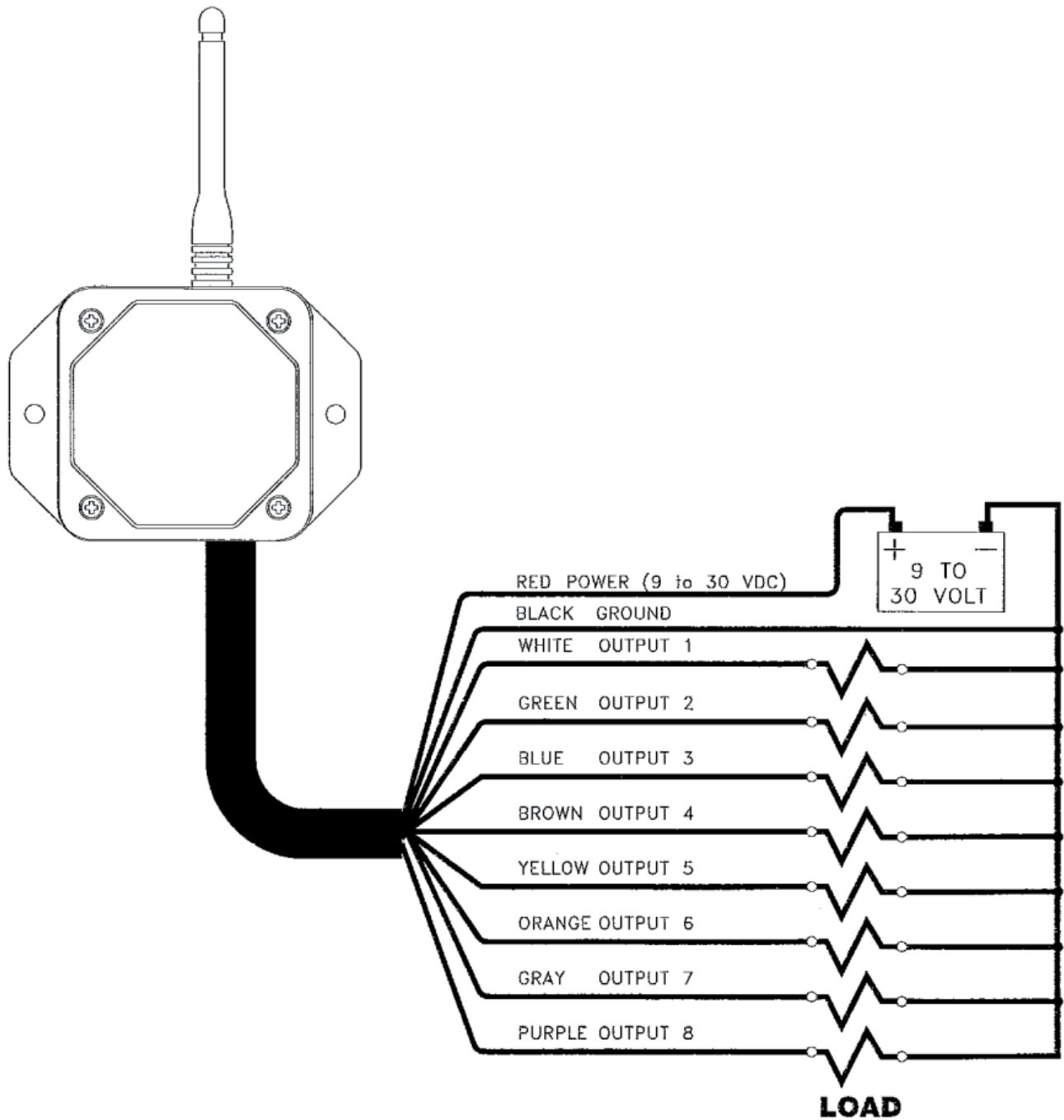


DT06-2S

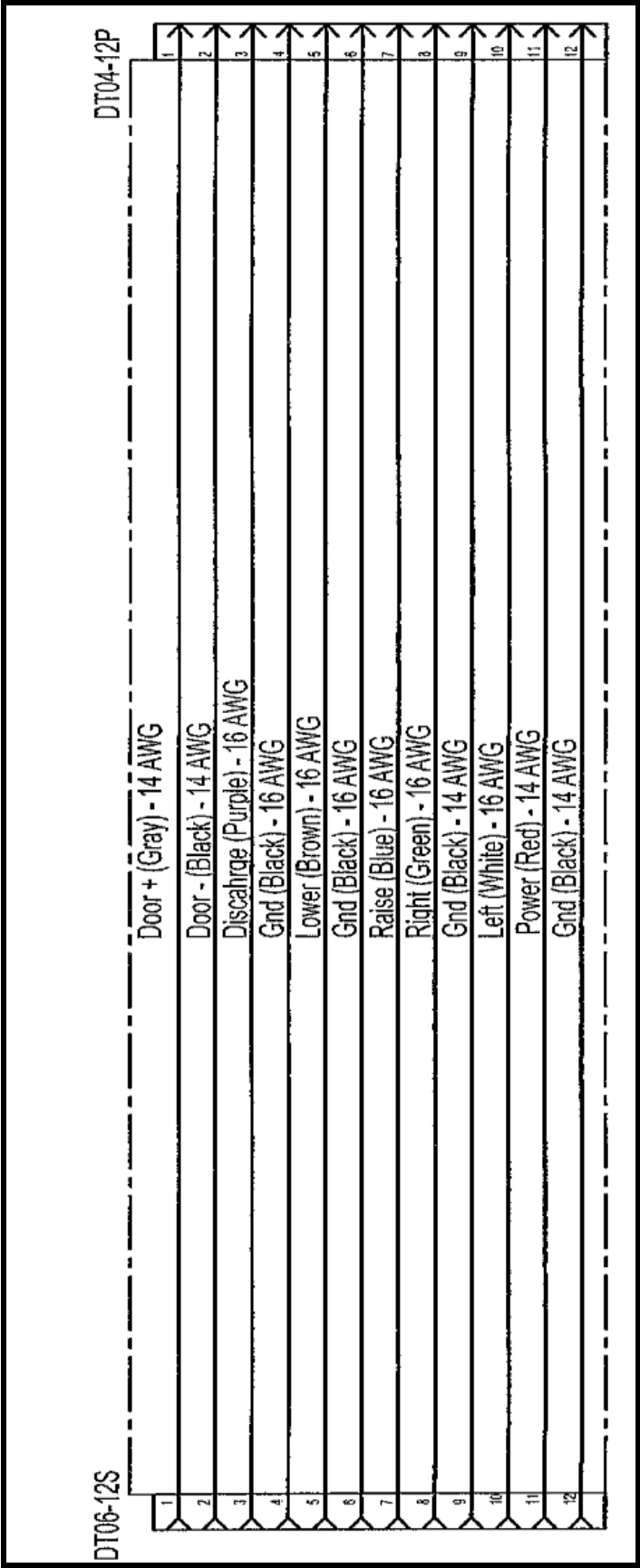
Sockets #0462-201-16141

Wedge W2S

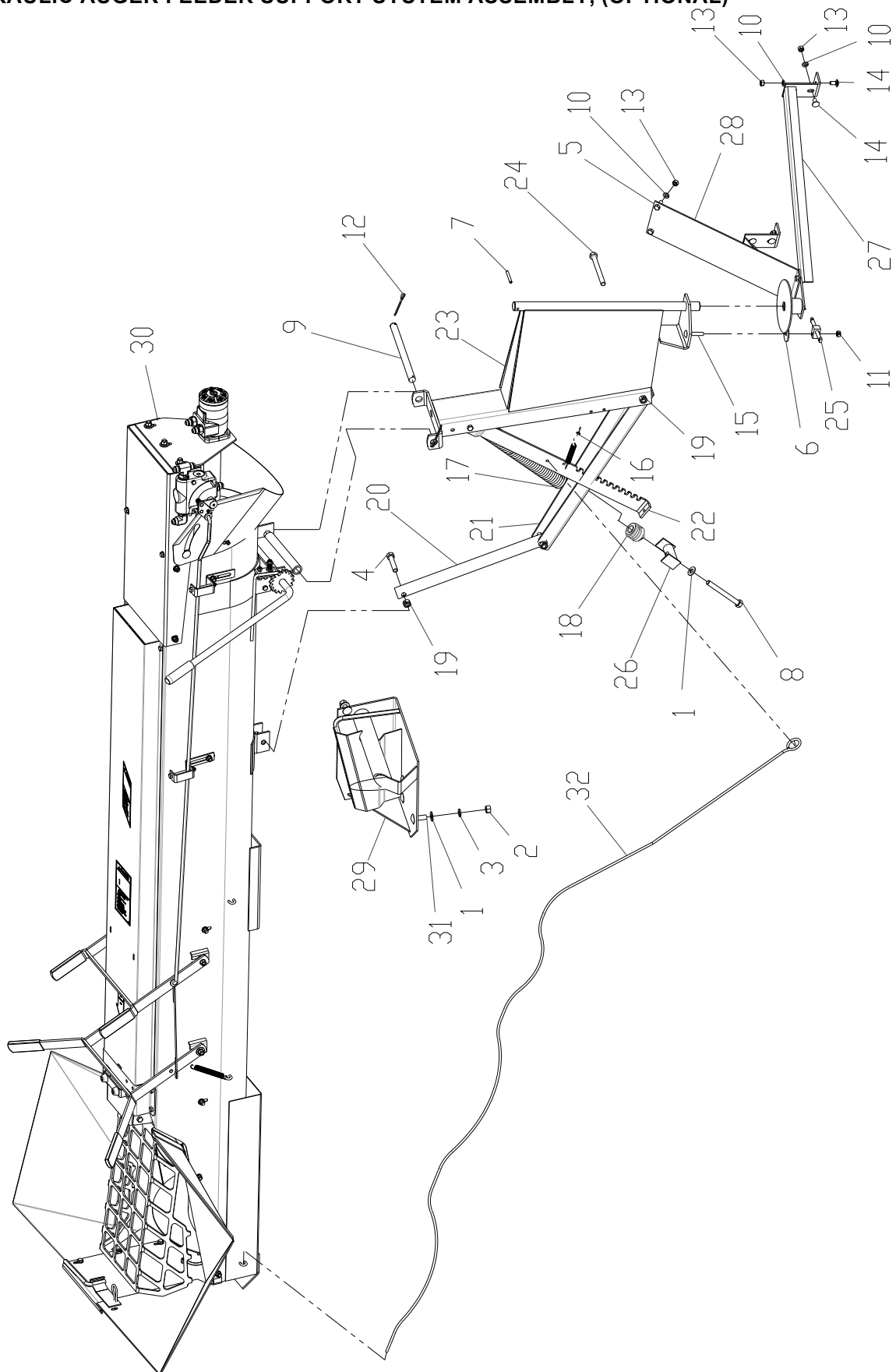
5 Places Typ

RECEIVER ELECTRIC SCHEMATIC

HARNESS EXTENSION ELECTRIC SCHEMATIC

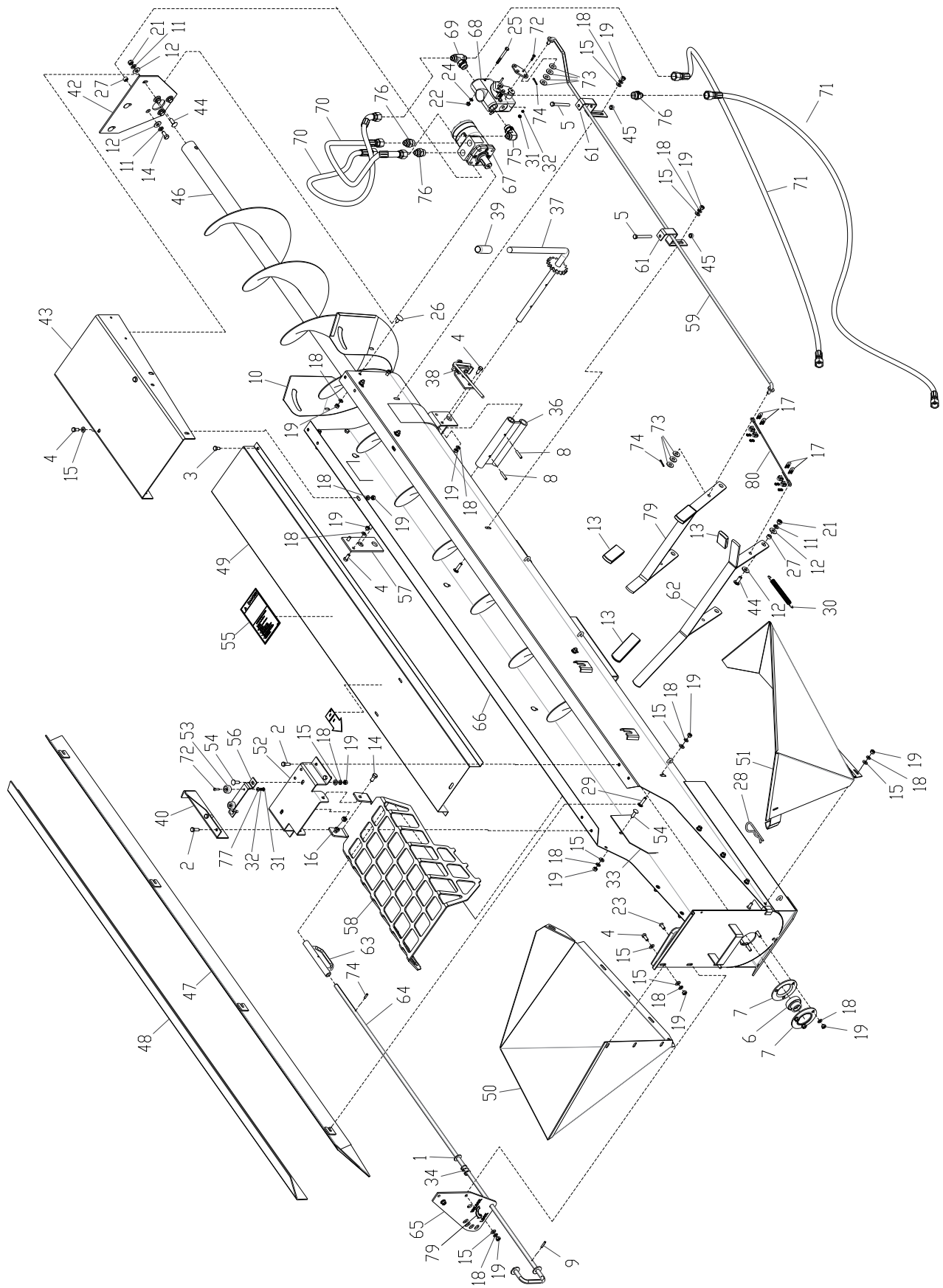


HYDRAULIC AUGER FEEDER SUPPORT SYSTEM ASSEMBLY, (OPTIONAL)



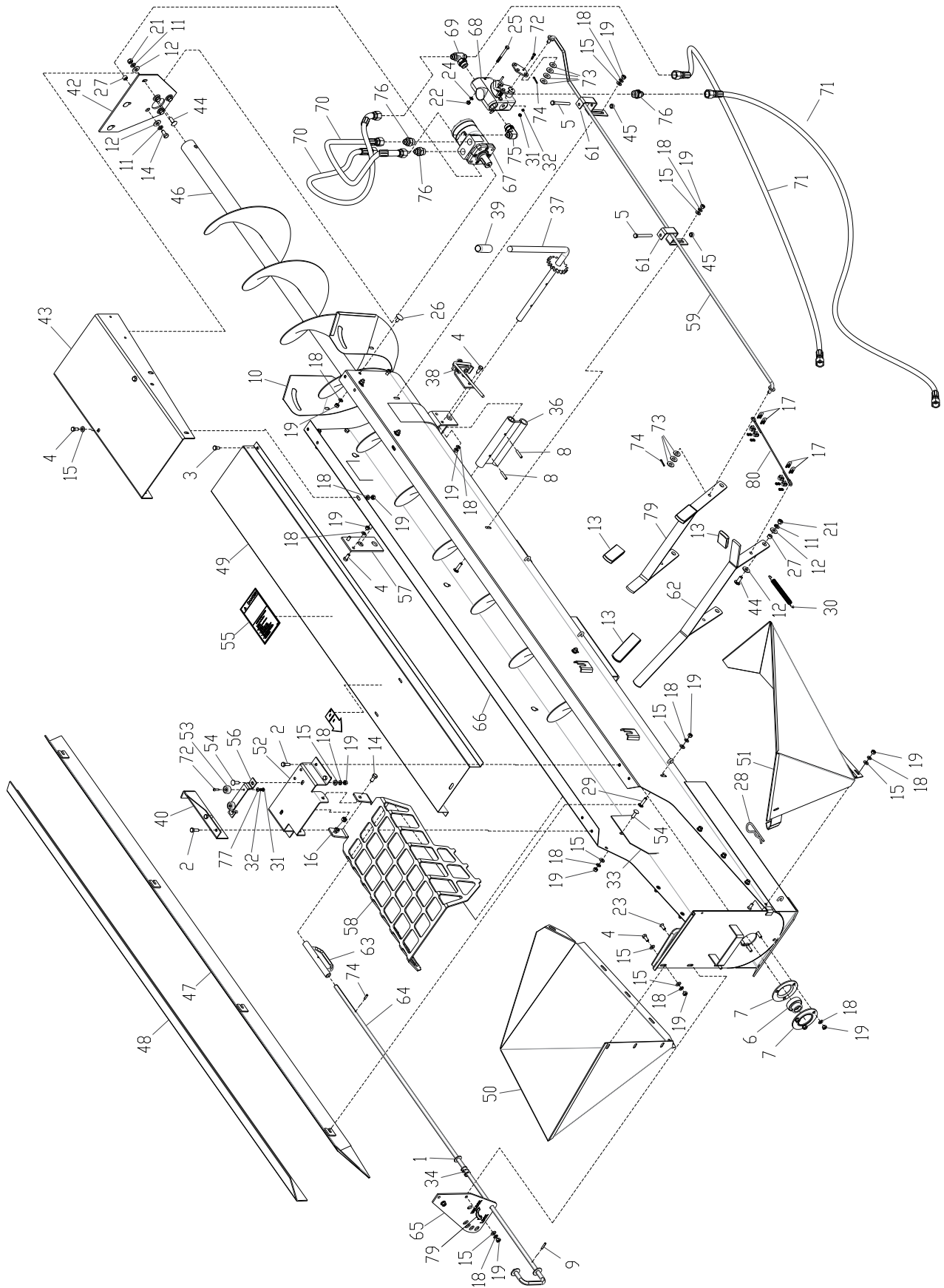
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005200	WASHER, FLAT 1/2 STD	6
2	005360	NUT, HEX 1/2-13	5
3	005370	WASHER, LOCK 1/2 ZN	5
4	007080	BOLT, HHCS 1/2-13 X 2-1/2	2
5	012260	BOLT, HHCS 3/8-16 X 1.00 GR5 ZN	5
6	012270	WASHER, FLAT	1
7	013600	PIN, ROLL .25 X 2	1
8	013800	BOLT, HHCS 1/2-13 X 5 GR5 ZN	1
9	015120	PIN, DRAG	1
10	021180	WASHER, LOCK 3/8 ZN	10
11	023060	NUT, LOCK 3/8-16 2-WAY	2
12	026630	1/4 X 2 COTTER PIN	2
13	027260	NUT, HEX 3/8-16 GR5 ZN	10
14	032840	BOLT, CRG 3/8-16 X 3/4 SSN GR5 ZN	6
15	041450	BOLT, CRG 3/8-16 X 2.00 SSN GR5 ZN	1
16	100750	SPRING, EXTENSION	1
17	113470	SPRING, EXTENSION	1
18	113490	NUT, SPRING	1
19	127890	NUT, LOCK 1/2-13 HEX	3
20	131960	VERTICAL LINK SPRING	1
21	152870	CHANNEL, LOWER	1
22	152880	BAR, RATCHET	1
23	159810	SUPPORT WLDT	1
24	160350	BOLT, HHCS 1/2-13 X 5 GR5 ZN	1
25	160560	HANDLE ASSY	1
26	161540	PIN WLDT, PIVOT	1
27	366470	SUPPORT WLDT	1
28	528430	STRAP, REINF. MILL	1
29	583440	MOUNT WLDT, AF	1
30	593930	AUGER FEEDER ASSY	1
31	E096046	BOLT, CRG 1/2-13 X 2-1/2 GR5 ZN	5
32	211490	ROPE, POLYPROPYLENE 110"	1

HYDRAULIC AUGER FEEDER ASSEMBLY, (OPTIONAL)



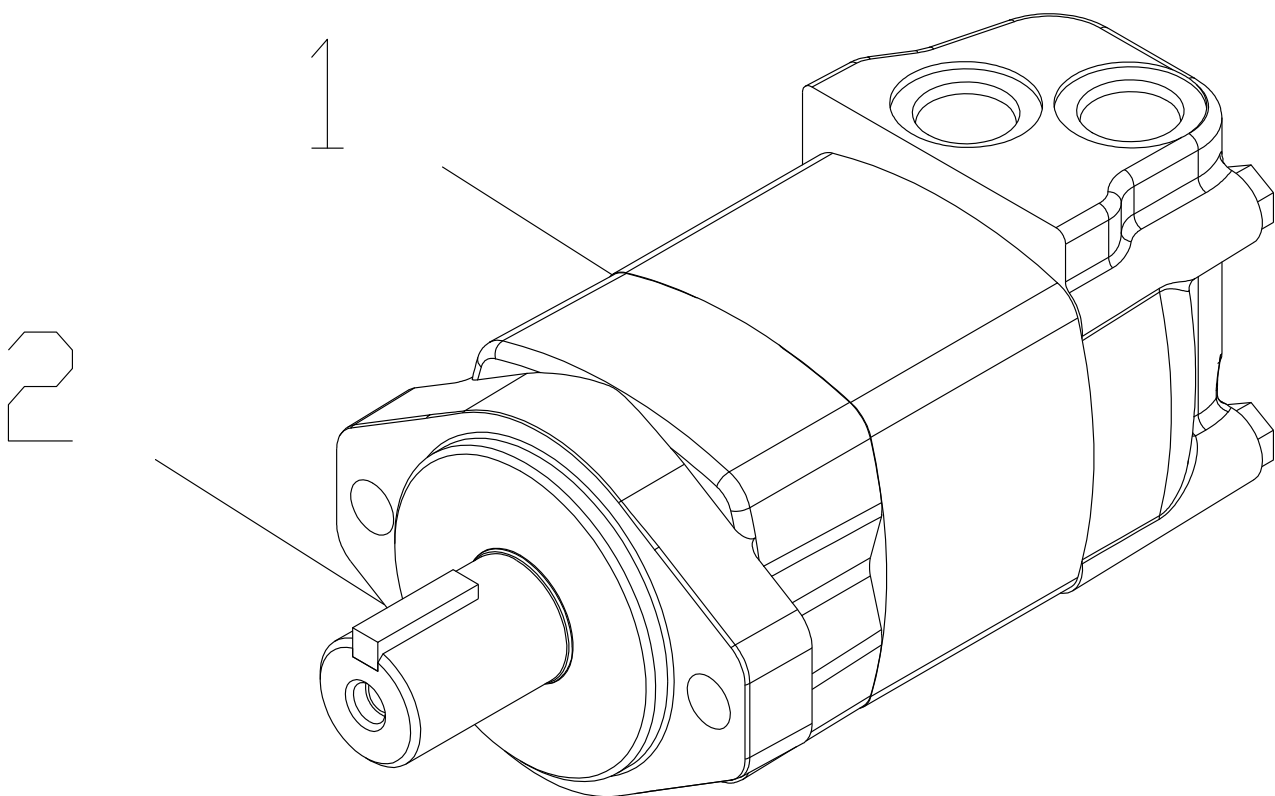
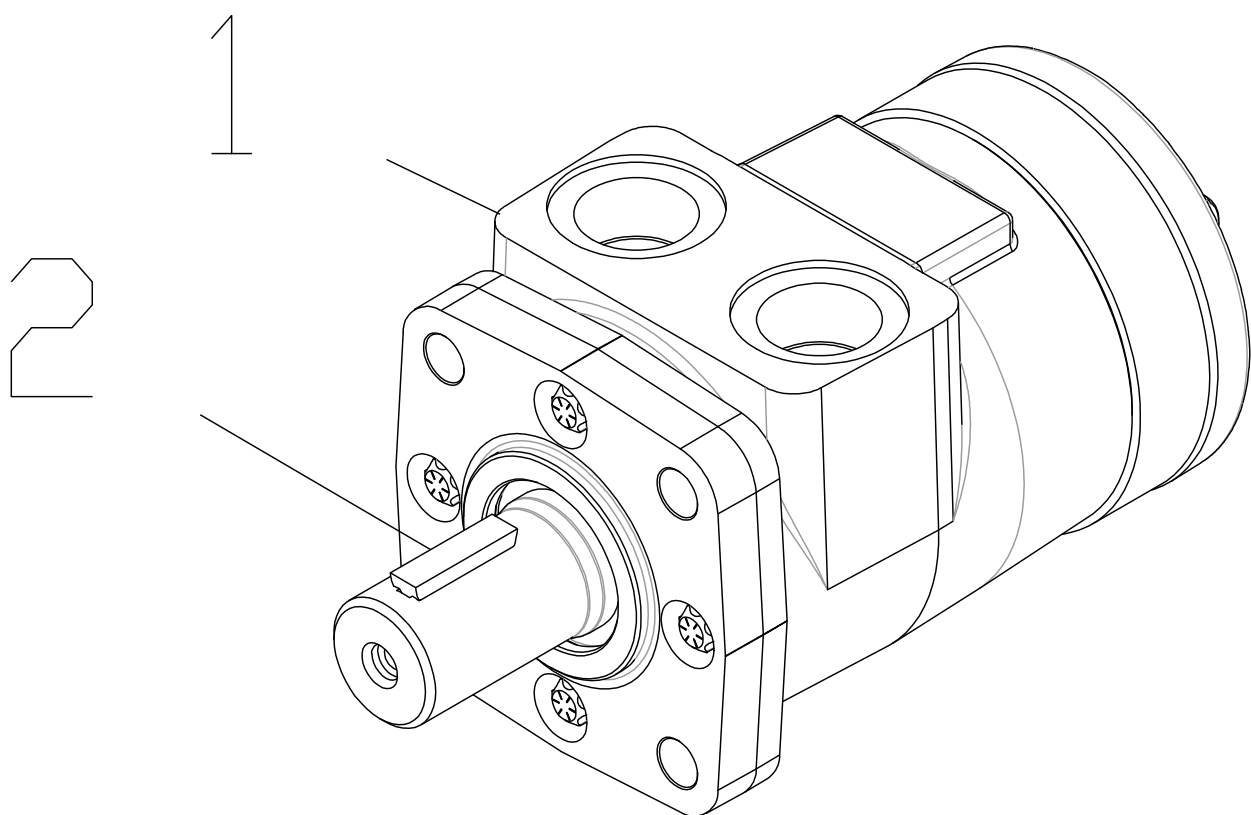
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	005200	WASHER, FLAT 1/2 STD	1
2	005900	BOLT, HHCS 5/16-18 X 1 GR5 ZN	7
3	006880	BOLT, HHCS 5/16-18 X 5/8	2
4	012140	BOLT, HHCS 5/16-18 X 3/4 GR5 ZN	14
5	160230	BOLT, HHCS 5/16-18 X 3 GR5 ZN	2
6	012310	BEARING, ADAPTER 1 SOD	1
7	012330	FLANGETTE, BEARING 7/8 X 1.0, 3-BOLT ROUND	2
8	012550	PIN, EXPANSION	2
9	012560	PIN, ROLL 3/16 X 1	2
10	015060	DOWNSPOUT, AUGER	1
11	021180	WASHER, LOCK 3/8 ZN	11
12	021190	WASHER, FLAT 3/8 STD 7/16 X 1 X 5/64 ZN	15
13	021560	GRIP CLUTCH HANDLE	4
14	022420	BOLT, HHCS 3/8-16 X 3/4	6
15	022920	WASHER, FLAT 5/16 STD	29
16	023060	NUT, LOCK 3/8-16 2-WAY	2
17	129260	CLIP, 1/8" MALLEABLE WIRE	4
18	023620	WASHER, LOCK .31 ZN	40
19	023630	NUT, HEX 5/16-18 GR5 ZN	42
20	025670	NUT, HEX 5/16-18	2
21	027260	NUT, HEX 3/8-16 GR5 ZN	7
22	027660	NUT, HEX 1/4-20-D-N	2
23	028230	SCREW, THREAD 5/16-18 X .75	9
24	029440	WASHER, LOCK 1/4 SAE MED	2
25	031560	HHCS, 1/4-20 X 2-1/2	2
26	033320	BOLT, STEP 5/16-18 X 3/4	2
27	033460	SPACER, .38 ID X .56 OD X .312	6
28	035830	PIN, COTTER 3/16 X 1-1/2 ZN	1
29	049290	BOLT, CRG 5/16-18 X 3/4 SSN ZN	4
30	100750	SPRING, EXTENSION	1
31	120590	NUT, HEX 10-24 GR2 ZN	3
32	120600	WASHER, LOCK #10	3
33	123900	SEAL, DRAG	1
34	129310	SPRING, COMP	1
35	421240	BOLT, HHMS #10-24 X 3/4	1
36	150810	BRACKET WLDT, EXTENSION	1
37	150820	LEVER & RATCHET	1
38	150840	STOP & HOLDER ASSY	1
39	150940	GRIP, HANDLE	1
40	152310	BRACKET, LEVER STOP	1

HYDRAULIC AUGER FEEDER ASSEMBLY, (OPTIONAL), (CONTINUED)



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
41	158520	DECAL, A-W STOP AUGER FEEDER	1
42	164620	PLATE, HYD. MOTOR	1
43	164630	PLATE, TOP HYD.	1
44	170530	BOLT, CRG 3/8-16 X 1 SSN GR5 ZN	7
45	181570	NUT, LOCK 5/16-18 NYLON HEX	2
46	206760	AUGER WLDT	1
47	206770	ANGLE WLDT, RH	1
48	206780	ANGLE, LEFT SIDE DRAG	1
49	206790	COVER WLDT, UPPER	1
50	210810	HOPPER WLDT	1
51	210830	HOPPER WLDT, FOLDING	1
52	560660	BRACKET, AUGER FEEDER GRATE MOUNTING	1
53	212510	BUMPER, RUBBER	2
54	254060	BOLT, CRG 5/16-18 X 1 SSN	6
55	383990	DECAL, DANGER AUGER FEEDER HAZARD	1
56	529650	STRAP, RUBBER	1
57	529660	PLATE, TRANSPORT LOCKING	1
58	560670	GRATE, AUGER FEEDER	1
59	581750	LINKAGE WLDT, AF SHUTOFF	1
60	581770	TAB, AF SHUTOFF	1
61	581780	STRAP, ROD GUIDE	2
62	581810	HANDLE WLDT, AF	1
63	583410	LATCH WLDT, AF	1
64	583490	ROD WLDT, AF	1
65	583510	PLATE, END AF	1
66	584920	HOUSING WLDT, AF	1
67	585120	MOTOR, HYD. 12 CU. IN.	1
68	585130	VALVE ASSY, HYD.	1
69	585150	ADAPTER, TEE-8 MJIC	1
70	585180	HOSE ASSY, HYD. 1/2-20", -8FJIC 45 DEG. -8FJIC	2
71	585190	HOSE ASSY, HYD. 1/2-84", -8FJIC -8FJIC	2
72	991120	SCREW, RHMS #10-24 X 3/4 GR2 SLOTTED ZN	2
73	I120394	WASHER, FLAT 3/8 SAE ZN	7
74	023090	PIN, COTTER 3/16 X 3/4	2
75	MP32.03794	ADAPTER, 90 DEG. ELBOW	1
76	MP3202101	ADAPTER, STRAIGHT	3
77	W144750056	WASHER, FLAT #10 SAE 7/32 X 1/2 X 3/64	2
78	586320	DECAL, AF LATCH 'LOCK'-'UNLOCK'	1
79	593940	HANDLE WLDT, AUGER FEEDER ON-OFF	1
80	593960	CABLE, CLUTCH AF SHUT-OFF	1

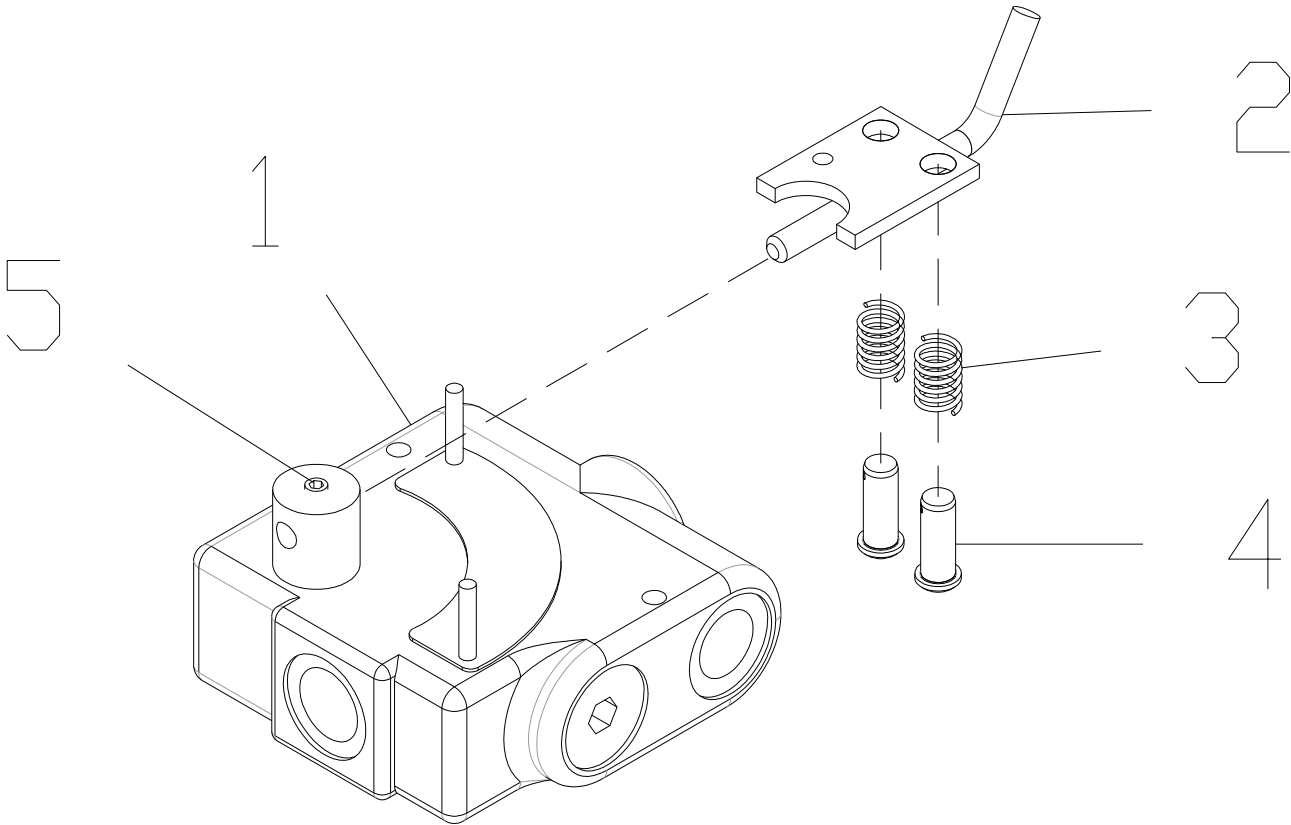
AUGER FEEDER, SWING, & DISCHARGE HYDRAULIC MOTOR KITS



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)	-

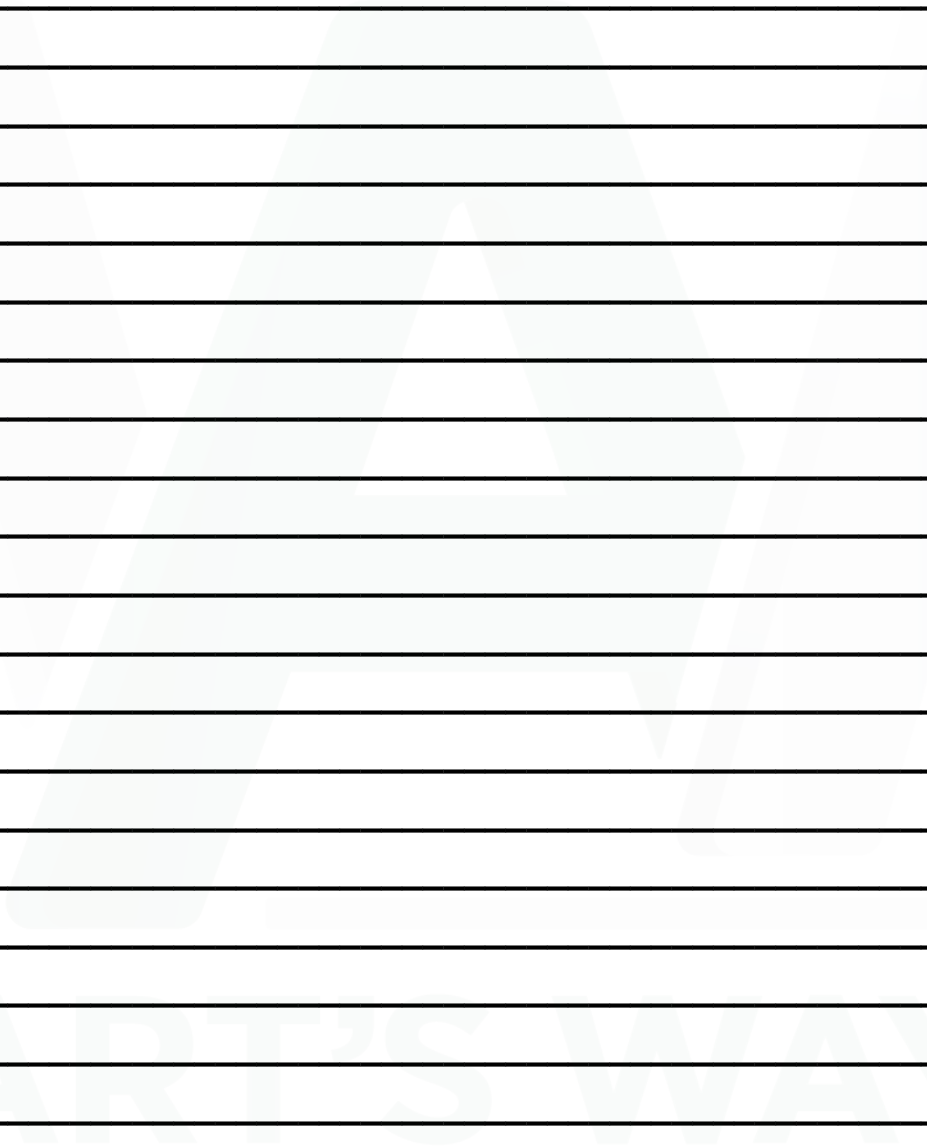
AUGER FEEDER & ROLL FEED FLOW CONTROL VALVE ASSEMBLY



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

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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.

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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