



Art's-Way Manufacturing Co., Inc.

Model 5165
Grinder Mixer

Illustrated Parts List
531250

Issued 10-04

ILLUSTRATED PARTS LIST



*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:

1. GIVE INSTRUCTIONS TO THE OPERATOR ABOUT SAFE AND CORRECT USE OF THE MACHINE.
2. 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.

LEARN AND PRACTICE SAFE USE OF MACHINE CONTROLS IN A SAFE AND CLEAR AREA BEFORE YOU OPERATE THIS MACHINE ON A JOB SITE.

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

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

TO THE OWNER

Congratulations on the purchase of your new Art's-Way 5165 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 5165 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 5165 Grinder Mixer.

Even if you are an experienced operator of this or similar equipment, we ask that you **read this manual before operating the 5165 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 Co., Inc., Armstrong, Iowa, 50514, (712) 864-3131.

SPECIFICATIONS AND DESIGN ARE SUBJECT TO CHANGE WITHOUT NOTICE

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

Modifications to this 5165 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 Co., Inc. Any modification made without the written permission of Art's-Way Mfg. Co. shall void the warranty of this product.

In the interest of continued safe operation of this 5165 Grinder Mixer, pay particular attention to the safety alert symbol(s) throughout this Manual.

ART'S-WAY MANUFACTURING CO., INC. STATEMENT OF PRODUCT LIABILITY

Art's-Way Manufacturing Co., Inc. recognizes its responsibility to provide customers with a safe and efficient product. Art's-Way Manufacturing Co., attempts to design and manufacture its products in accordance with all accepted engineering practices effective at the date of design. This statement should not be interpreted to mean that our products will protect against the user's own carelessness or failure to follow common safety practices nor will Art's-Way Manufacturing Co., be liable for any such act. In addition, Art's-Way Manufacturing Co. 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 5165 Grinder Mixer appears on page 4 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 may result in reduced warranty allowances.

LIMITATIONS OF THIS MANUAL

This Manual contains operating instructions for your 5165 Grinder Mixer only. Any mention of other machinery in this manual other than the 5165 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 5165 Grinder Mixer.

PARTS & SERVICE

As the purchaser of your new 5165 Grinder Mixer, it is very important to consider the following factors:

A. Original Quality

B. Availability of Service Parts

C. Availability of Adequate Service Facilities

Art's-Way Manufacturing Co., Inc. has an excellent dealership network ready to answer any questions you may have about your 5165 Grinder Mixer. 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.

Owner's Name: _____

Owner's Address: _____

Purchase Date: _____

Dealership Name: _____

Dealership Address: _____

Dealership Phone No.: _____

5165 Grinder Mixer Serial Number Location

The placard containing the serial and model number is located on the front left-hand side of the 5165 grinder mixer. Enter the serial and model number of your 5165 grinder mixer within the space provided.



Figure 1 - Serial Number Placard.



Figure 2 - Serial Number Placard Location.

TABLE OF CONTENTS

TO THE OWNER	1	MAIN SHIELD ASSEMBLY	57
SPECIFICATIONS AND DESIGN ARE SUBJECT TO		FOLDING DISCHARGE AUGER EXTENSION 3' & 6' –	
CHANGE WITHOUT NOTICE	1	528770.....	58
ART'S-WAY MANUFACTURING CO., INC.		BOLT-ON DISCHARGE AUGER EXTENSION 3' & 6' –	
STATEMENT OF PRODUCT LIABILITY.....	1	528790.....	59
IMPORTANT WARRANTY INFORMATION.....	1	HYDRAULIC MOTOR KITS – 014280	60
LIMITATIONS OF THIS MANUAL	1	VALVE ASSEMBLY – 161510	60
PARTS & SERVICE.....	2	HYDRAULIC PLUMBING	61
TABLE OF CONTENTS	3	<i>Lift & Swing With Hydraulic Auger Feeder</i>	61
LIMITED WARRANTY	4	HYDRAULIC PLUMBING	62
SAFETY FIRST.....	6	<i>Lift & Swing Without Hydraulic Auger</i>	
NOTICES OF DANGER, WARNING, AND CAUTION	6	<i>Feeder</i>	62
SAFETY GUIDELINES	7	ELECTRONIC SCALE ASSEMBLY	63
BEFORE OPERATING	7	SCALE ARM ASSEMBLY – 529550.....	64
DURING OPERATION	7	ELECTRIC ACTUATOR ELECTRIC PACKAGE FOR	
MAINTENANCE SAFETY	7	NON-SELF CONTAINED HYDRAULIC MIXER –	
HYDRAULIC SAFETY	9	531150.....	65
TRANSPORTATION SAFETY	9	CONTROL BOX & WIRE HARNESS ASSEMBLIES –	
STORAGE SAFETY	9	531160.....	67
TIRE SAFETY	9	HIGHWAY LIGHT KIT – 350070	68
ASSEMBLY SAFETY.....	10	PAINT & DECALS – 529410.....	69
ILLUSTRATED PARTS CATALOG	11		
ALPHANUMERIC INDEX.....	11		
IMPLEMENT DRIVELINE ASSEMBLY 540 RPM	16		
1-3/8" 6 Spline – 354640	16		
IMPLEMENT DRIVELINE ASSEMBLY 1000 RPM	17		
1-3/8" 21 Spline – 354670 & 1-3/4" 20			
Spline – 354690.....	17		
JACK ASSEMBLY 151 DS COMPLETE – 040440.....	18		
TANK ASSEMBLY – 529160.....	19		
MIXING AUGER ASSEMBLY – 528060.....	21		
GEARBOX ASSEMBLY, MIXER – 529070	22		
DRIVE & GEARBOX ASSEMBLY, LOWER – 529000.....	23		
SPINDLE, HITCH, & HUB ASSEMBLY	25		
Scale – 366410 & Standard – 366390.....	25		
SUPPLEMENT HOPPER – 470970	27		
HYDRAULIC SWIVEL, SLIP BAND	28		
HOPPER AND DRIVE ASSEMBLY, DISCHARGE	29		
52" VERTICAL DISCHARGE ASSEMBLY – 515390.....	31		
INNER ELBOW ASSEMBLY, DISCHARGE	33		
HYDRAULIC DISCHARGE LIFT ASSEMBLY – 527740	35		
ONE PIECE 26" HAMMERMILL ASSEMBLY – 528420	37		
26" THROAT & AUGER ASSEMBLY – 528820	39		
540 26"-RPM HAMMERMILL DRIVE ASSEMBLY –			
528830	41		
1000 26"-RPM HAMMERMILL DRIVE ASSEMBLY –			
528840	43		
JACKSHAFT ASSEMBLY, 540 RPM 26" – 529520	45		
JACKSHAFT ASSEMBLY, 1000 RPM 26" – 529510	46		
AIR SYSTEM OFFSET 6" – 528870.....	47		
HYDRAULIC AUGER FEEDER ASSEMBLY – 528500	49		
AUGER FEEDER SUPPORT SYSTEM – 528490	51		
26" HYDRAULIC ROLL FEEDER – 367210	53		
<i>Without Auger Feeder</i>	53		
26" HYDRAULIC ROLL FEEDER – 367190	55		
<i>With Auger Feeder</i>	55		

LIMITED WARRANTY

Art's-Way Manufacturing Co., Inc. warrants the products it sells to be free from defects in material and workmanship for a period of one (1) year after the date of delivery to the first (original) purchaser, subject to the following conditions:

- Art's-Way Manufacturing Co., Inc. obligation and liability under this warranty is to repair or replace (at the company's option) any parts that upon manufacture were defective in material or workmanship.
- All parts and repairs under this warranty shall be supplied at Art's-Way Manufacturing Co., Inc. or an authorized Art's-Way Manufacturing Co., Inc. dealer, at the option of Art's-Way Manufacturing Co., Inc.
- Art's-Way Manufacturing Co., Inc. warranty does not extend to parts and elements not manufactured by Art's-Way Manufacturing Co., Inc. and which carry the warranty of other manufacturers.
- Transportation or shipping to an authorized dealer for necessary repairs is at the expense of the purchaser.
- Art's-Way Manufacturing Co., Inc. makes no other warranty expressed or implied and makes no warranty of merchantability or fitness for any particular purpose beyond that expressly stated in this warranty. Art's-Way Manufacturing Co., Inc. liability is limited to the terms set forth in this warranty and does not include any liability for direct, indirect, incidental or consequential damages or expenses of delay and the Company's liability is limited to repair or replacement of defective parts as set forth herein.
- Any improper use and/or maintenance, including operation after discovery of defective or worn parts, operation beyond the rated capacity, substitution of parts not approved by Art's-Way Manufacturing Co., Inc., or any alternation or repair by other than an authorized Art's-Way Manufacturing Co., Inc. dealer which affects the product materially and adversely, shall void the warranty.
- No dealer, employee or representative is authorized to change this warranty in any way or grant any other warranty unless such change is made in writing and signed by an officer of Art's-Way Manufacturing Co., Inc.
- Some states do not allow limitations on how long an implied warranty lasts or exclusions of, or limitations on relief such as incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you the specific legal rights and you may have other rights that vary from state to state.

SAFETY FIRST

“A careful operator is the best insurance against an accident”

(National Safety Council)

Most accidents can be prevented if the operator:

- Fully understands how the machine functions
- Can anticipate situations which may produce problems
- Can make necessary corrections before problems develop



Figure 3 - Universal Safety Alert Symbol.

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

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. (See Figure 3.) Please be alert whenever you see this symbol in the manuals or on your Grinder Mixer.

Art's-Way Manufacturing Co., Inc. strives to make our equipment as safe as possible. The Art's-Way 5165 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 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: IMMEDIATE AND SPECIFIC HAZARD WHICH WILL RESULT IN SEVERE PERSONAL INJURY OR DEATH IF PROPER PRECAUTIONS ARE NOT TAKEN.



WARNING: SPECIFIC HAZARD OR UNSAFE PRACTICE COULD RESULT IN SEVERE PERSONAL INJURY OR DEATH IF PROPER PRECAUTIONS ARE NOT TAKEN.



CAUTION: A REMINDER OF GOOD SAFETY PRACTICES. PERSONAL INJURY COULD RESULT IF PROPER PROCEDURES ARE NOT FOLLOWED.



SAFETY GUIDELINES



Remember:

“The Best Operator is a Safe Operator”



CAUTION: READ AND UNDERSTAND THE OPERATOR'S MANUAL AND ALL THE SAFETY DECALS BEFORE OPERATING THE GRINDER MIXER. REVIEW ALL SAFETY INSTRUCTIONS WITH ALL OPERATORS ANNUALLY.

BEFORE OPERATING

- Do not wear loose fitting clothing as it may catch in moving parts.
- Make sure to install and/or secure all guards, doors and shields, including the tractor power take-off (PTO) master shield, before starting or operating the Grinder Mixer.
- Be sure that the correct implement driveline parts are used and that they are properly secured.
- Install the safety chain when attaching the Grinder Mixer to the tractor.
- Clear the area of bystanders, especially children, when making repairs, adjustments or performing maintenance on the Grinder Mixer.
- Do not allow riders.
- Put all tractor and machine controls in “neutral” and disengage the PTO before starting. Follow the starting instructions according to your tractor Manual.
- Operate the Grinder Mixer 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.



CAUTION: KEEP WELL CLEAR OF MOVING PARTS. BE SURE TO SHUT OFF THE TRACTOR AND SET THE PARKING BRAKE. REMOVE THE TRACTOR KEY WHILE MAKING ANY ADJUSTMENTS. WAIT FOR ALL MOVEMENT TO STOP BEFORE APPROACHING THE MACHINE.

DURING OPERATION

- Keep hands, feet, hair, and clothing away from moving parts.

- Keep all guards, doors and shields in place and in good working condition.
- Keep all bystanders, especially children, away from the grinder mixer while in operation.
- Do not allow riders while the grinder mixer is in operation.
- Do not attempt to unclog, clean, or adjust the grinder mixer 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 - Hydraulic Safety.)
- Use caution when ascending or descending on the grinder mixer. Wet shoes or boots are slippery.

MAINTENANCE SAFETY

- 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, 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 guards, doors and shields are in place and properly secured when performing maintenance.

HYDRAULIC SAFETY

- 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 and or 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

- Make sure the grinder mixer complies with all local regulations regarding the transportation of 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 grinder mixer is securely attached to the tractor and install a safety chain to the grinder mixer.
- Make sure the tractor brake pedals are latched together.
- Do not exceed 20 mph (32 km/h) when transporting the grinder mixer. Always reduce speed on rough roads and surfaces, or when going down inclines.

- Use caution when turning and always use the turn signals on the tractor to indicate your turning intentions to the other traffic.
- The weight of the trailed machine should NEVER exceed the weight of the towing vehicle.
- Check all clearances carefully whenever the machine is towed.
- Lower the elevator into the transport position before transporting the grinder/mixer on the highway.
- Stay away from overhead obstructions and power lines during transport. Electrocutation can occur even without direct contact.

STORAGE SAFETY

- Store the grinder mixer 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 grinder mixer 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

- 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.
- Follow proper procedures when installing a tire on a wheel or rim to prevent an explosion that could result in serious injury.
- Do not substitute tires with a lesser road rating and/or capacity for the original equipment tires.



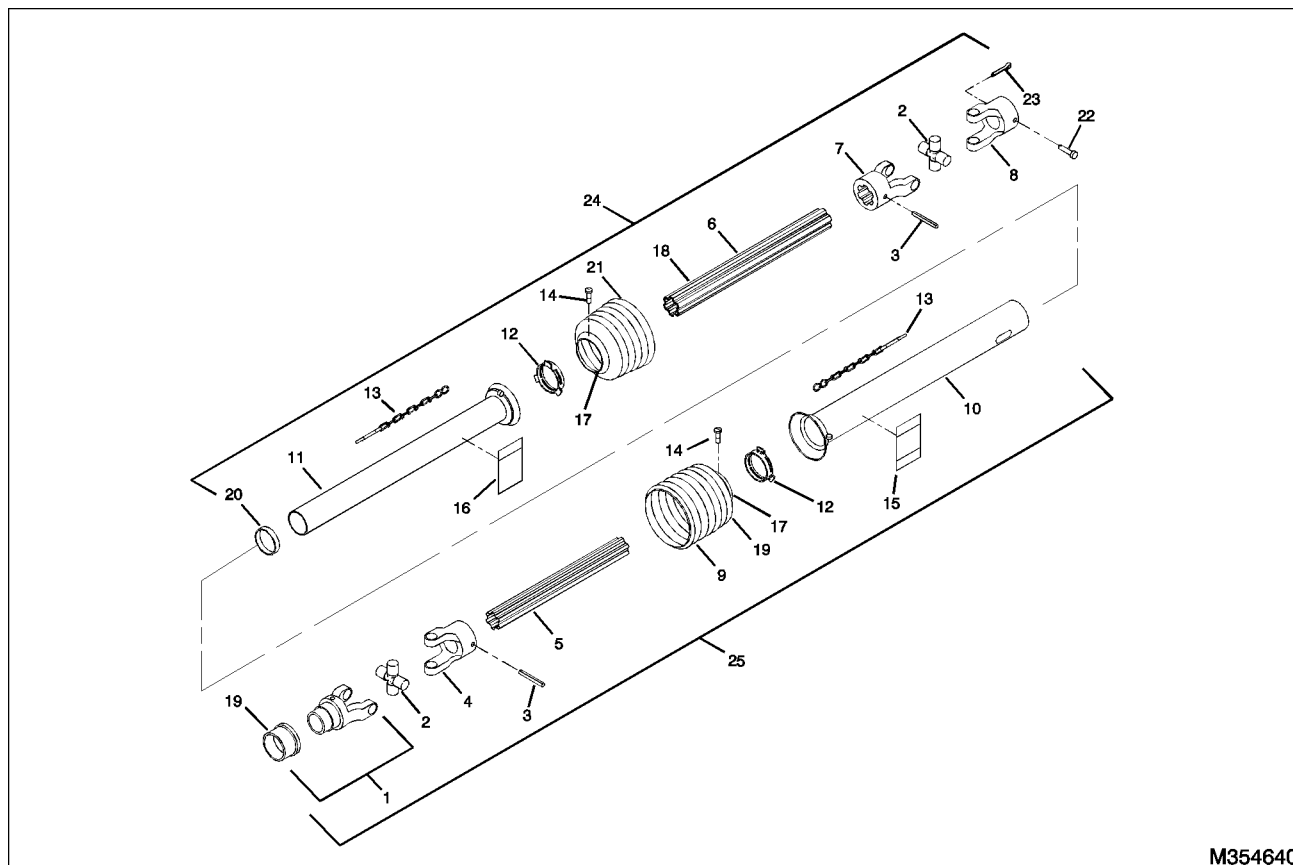
CAUTION: FAILURE TO FOLLOW PROPER PROCEDURES WHEN INSTALLING A TIRE ON A WHEEL OR RIM CAN PRODUCE AN EXPLOSION THAT MAY RESULT IN SERIOUS INJURY OR DEATH. DO NOT ATTEMPT TO INSTALL A TIRE UNLESS YOU HAVE THE PROPER EQUIPMENT AND EXPERIENCE TO PERFORM THE JOB. REPLACEMENT, REPAIR, AND/OR MAINTENANCE SHOULD BE DONE BY A QUALIFIED TIRE DEALER OR QUALIFIED REPAIR SERVICE.

ASSEMBLY SAFETY

- Use adequate manpower to perform assembly procedures safely.
- Assemble the grinder mixer 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.

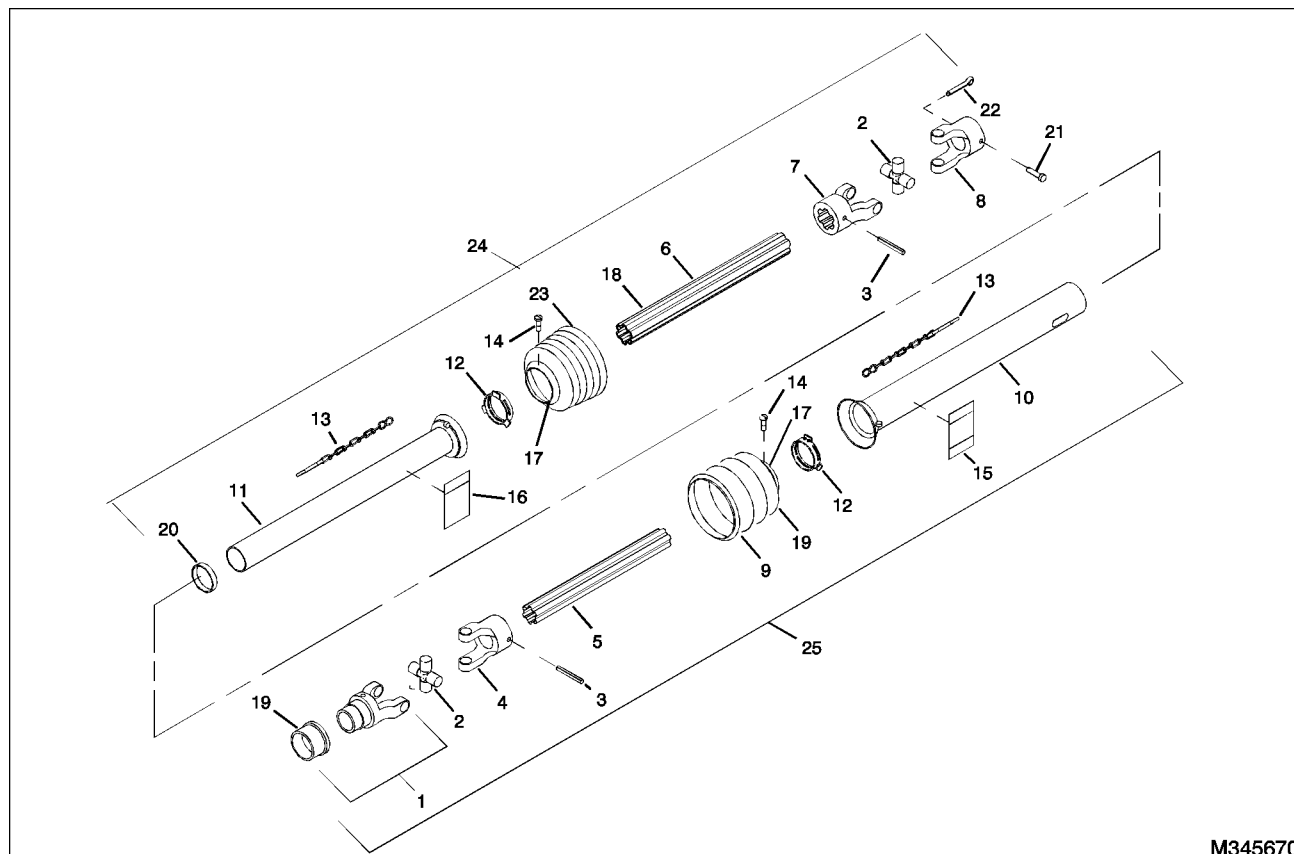
Remember:

“The Best Operator is a Safe Operator”

IMPLEMENT DRIVELINE ASSEMBLY 540 RPM**1-3/8" 6 SPLINE – 354640**

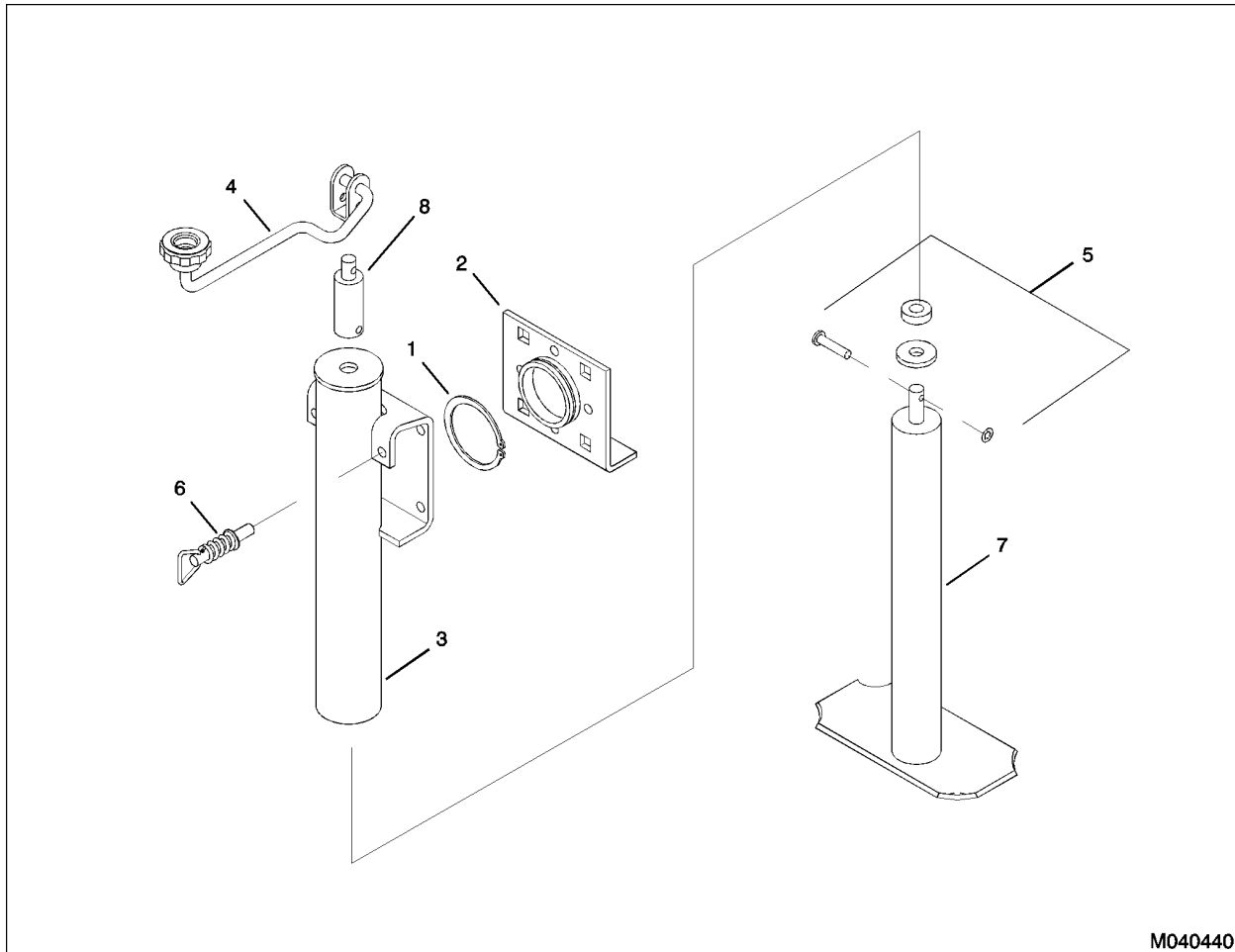
M354640

Item	Part Number	Qty.	Description
1	340130	1	Yoke, 1-3/8 – 6 SPL AS
2	182230	2	Kit, Cross & Bearing
3	196740	2	Pin, Spring 10 x 90
4	196730	1	Yoke, Inboard
5	355660	1	Shaft, Inner Profile
6	355670	1	Tube, Outer Profile
7	196770	1	Yoke, Inboard
8	349230	1	Yoke, 1-5/8" R8, 3/8 K-Way
9	340140	1	Shield, Cone 7 Rib
10	355680	1	Tube, Outer Shield
11	355690	1	Tube, Inner Shield
12	182900	2	Ring, SC 24 Bearing
13	182890	2	Chain, Safety
14	345980	2	Screw, Shield (In Item 9)
15	340170	1	Decal, Danger Rotating Drive Line
16	340180	1	Decal
17	349250	2	Reinforced Collar
18	196890	1	Zerk, 3/16 Drive Grease (In Item 6)
19	340210	1	Kit, Slide Collar
20	340190	1	Support Bearing
21	387770	1	Shield, Cone 5 Rib
22	036480	1	Pin, Clevis
23	020700	1	Pin, Cotter
24	354650	1	PTO, Implement Half 1-5/8"
25	354660	1	PTO, Tractor Half 1-3/8" 6-Spline

IMPLEMENT DRIVELINE ASSEMBLY 1000 RPM**1-3/8" 21 SPLINE – 354670 & 1-3/4" 20 SPLINE – 354690**

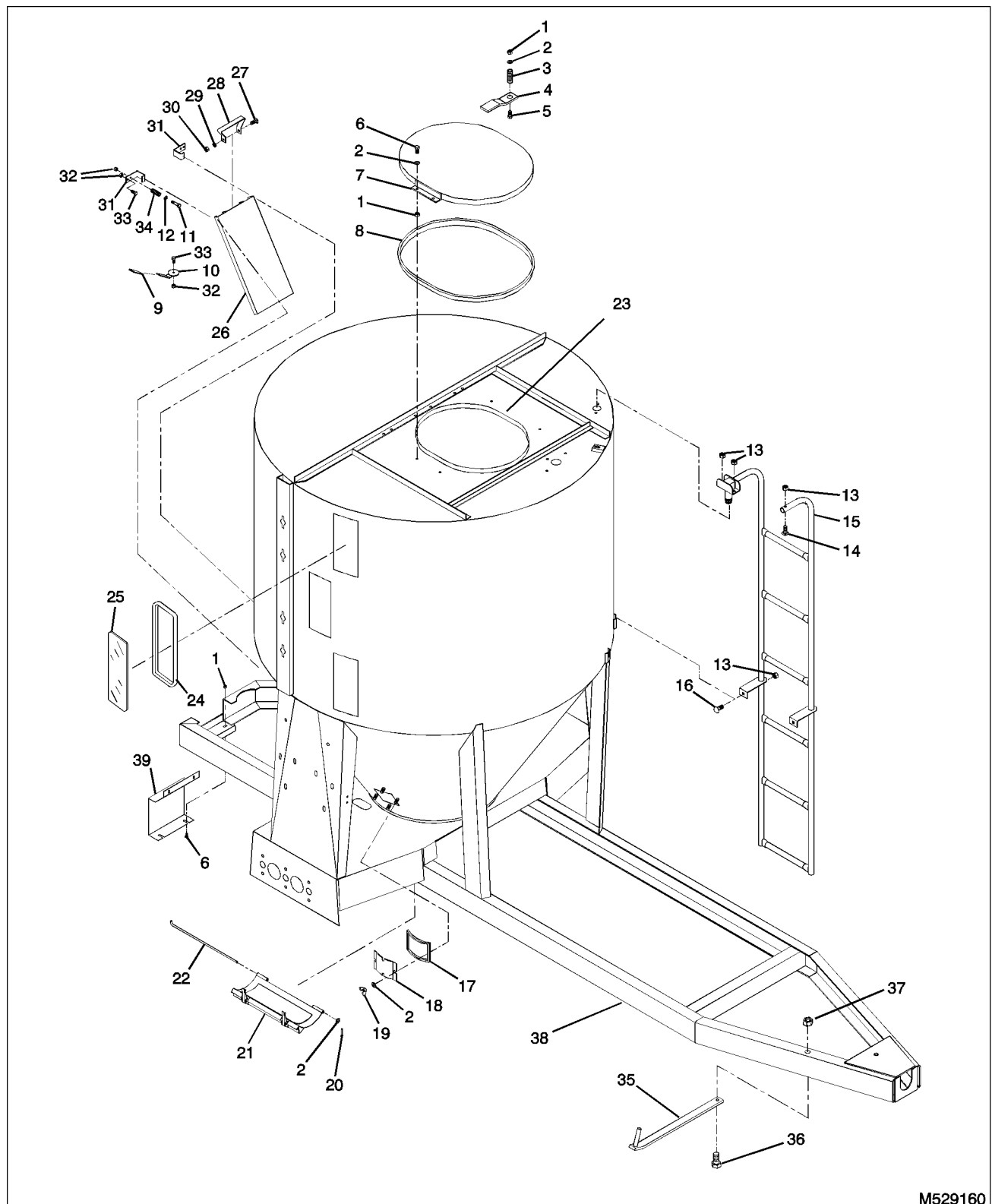
M345670

Item	Part Number	Qty.	Description
1	340130	1	Yoke, 1-3/8 – 21 SPL AS
1	340100	1	Yoke, 1-3/4 – 20 SPL AS
2	182230	2	Kit, Cross & Bearing
3	196740	2	Pin, Spring 10 x 90
4	196730	1	Yoke, Inboard
5	355660	1	Shaft, Inner Profile
6	355670	1	Tube, Outer Profile
7	196770	1	Yoke, Inboard
8	349230	1	Yoke, 1-5/8" R8, 3/8 K-Way
9	340140	1	Shield, Cone 7 Rib
10	355680	1	Tube, Outer Shield
11	355690	1	Tube, Inner Shield
12	182900	2	Ring, SC 24 Bearing
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19	340210	1	Kit, Slide Collar
20	340190	1	Support Bearing
21	036480	1	Pin, Clevis
22	020700	1	Pin, Cotter
23	387770	1	Shield, Cone 5 Rib
24	354650	1	PTO, Implement Half 1-5/8"
25	354680	1	PTO, Tractor Half 1-3/8" 21-Spline
25	449200	1	PTO, Tractor Half 1-3/4" 20-Spline

JACK ASSEMBLY 151 DS COMPLETE – 040440

M040440

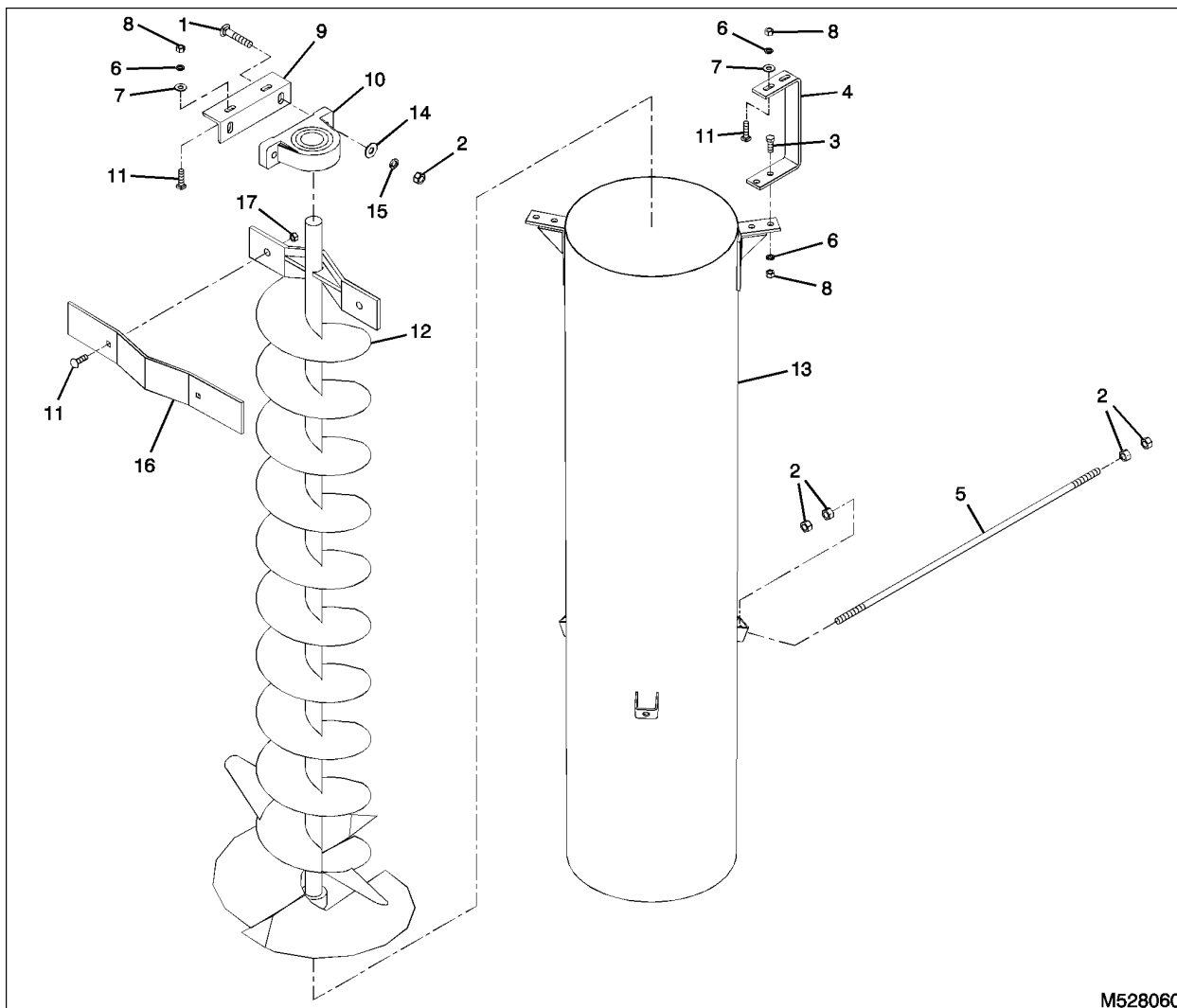
Item	Part Number	Qty.	Description
1	040290	1	Ring, Retaining, 5100-250
2	040300	1	Bracket, Swivel
3	040370	1	Tube & Bracket Assembly
4	151630	1	Kit, Crank Handle Assembly
5	151640	1	Kit, Thrust Washer Assembly
6	151650	1	Plunger Assembly
7	151670	1	Tube Assembly, 14" Inner
8	389180	1	Shaft, Crank (PM30 Only)

TANK ASSEMBLY – 529160

M529160

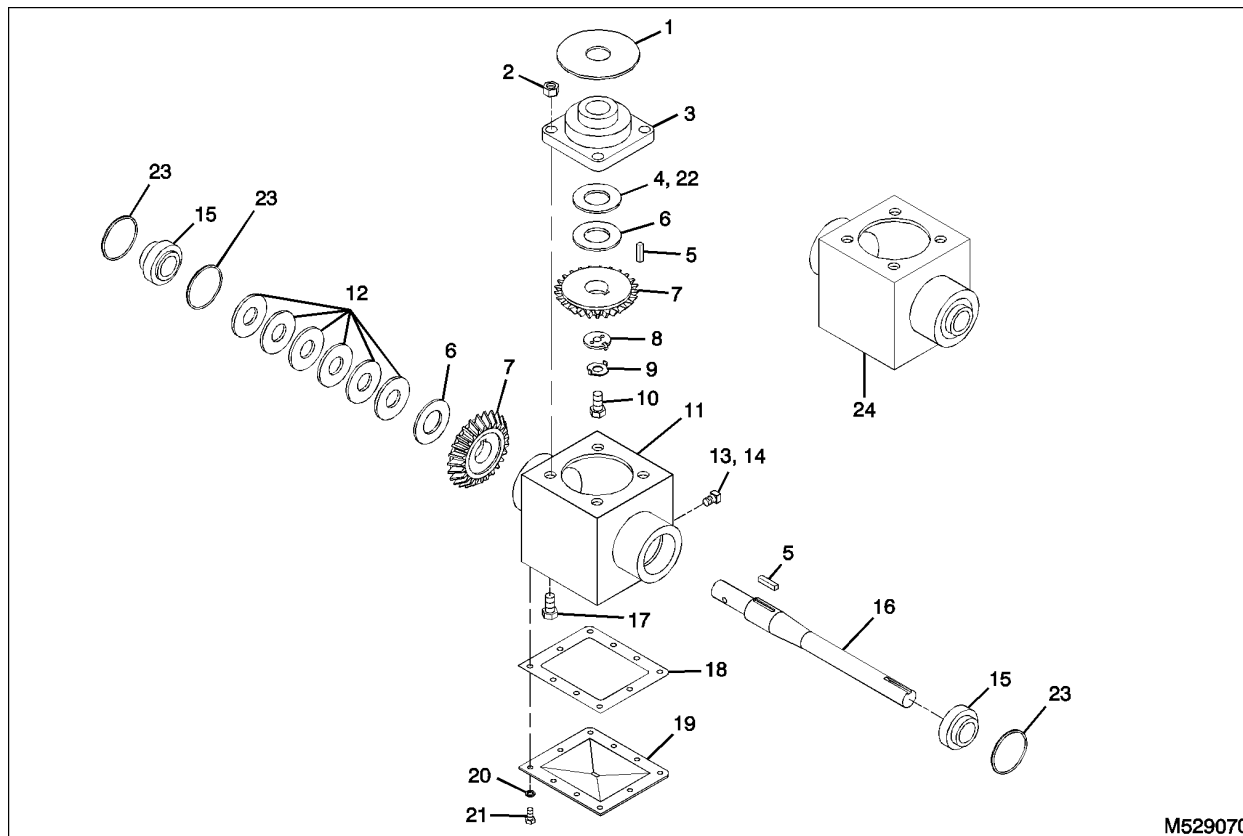
TANK ASSEMBLY – 529160

Item	Part Number	Qty.	Description
1	025670	4	Nut, 5/16 Lock
2	022920	13	Washer, 5/16 Flat
3	013080	2	Spring, Compression
4	022930	2	Bracket, Lid Locking
5	009800	2	Bolt, HHCS 5/16 x 2-1/2
6	012140	2	Bolt, HHCS 5/16 x 3/4
7	035661	1	Lid & Hinge Weldment
8	164020	1	Seal, Tank Lid
9	050150	1	Grip, Red Handle
10	204690	1	Eccentric Weld
11	E672368	2	Bolt, HHCS 1/4 x 2-1/4
12	023260	2	Washer, 1/4 Flat
13	020180	5	Nut, 3/8 Lock
14	J03H1558	1	Bolt, CRG. 3/8 x 1-1/2
15	529170	1	Ladder Weld Assembly
16	213900	1	Bolt, CRG. 3/8 x 1
17	185910	2	Strip, Sealing
18	036090	2	Door, Clean Out
19	009790	8	Nut, Wing 5/16
20	021210	1	Pin, Cotter 3/32 x 1
21	363990	1	Cover Wldt., Trough
22	156970	1	Pin, Hinge
-23	962040	0.33	Rubber Adhesive 5 oz.
24	012020	3	Rubber, Window Frame
25	012050	3	Window, Glass
26	204670	1	Door, Unloading Slide
27	012410	2	Bolt, CRG. 5/16 x 3/4
28	204680	1	Handle, Door
29	023620	2	Washer, Lock 5/16
30	023630	2	Nut, 5/16 Hex
31	216020	2	Holder, Sliding Door
32	042370	5	Nut, 1/4 Lock
33	012051	3	Bolt, HHCS 1/4 x 3/4
34	011130	2	Spring, Slide Holder Assy
35	379470	1	Holder, PTO
36	014770	1	Bolt, HHCS 1/2-13 x 1-1/2
37	037540	1	Nut, Lock 1/2-13 GR5 ZN Nylon
38	528310	1	Frame & Tank Wldt, 165 BU Portable
39	365180	1	Bracket, Long

MIXING AUGER ASSEMBLY – 528060

M528060

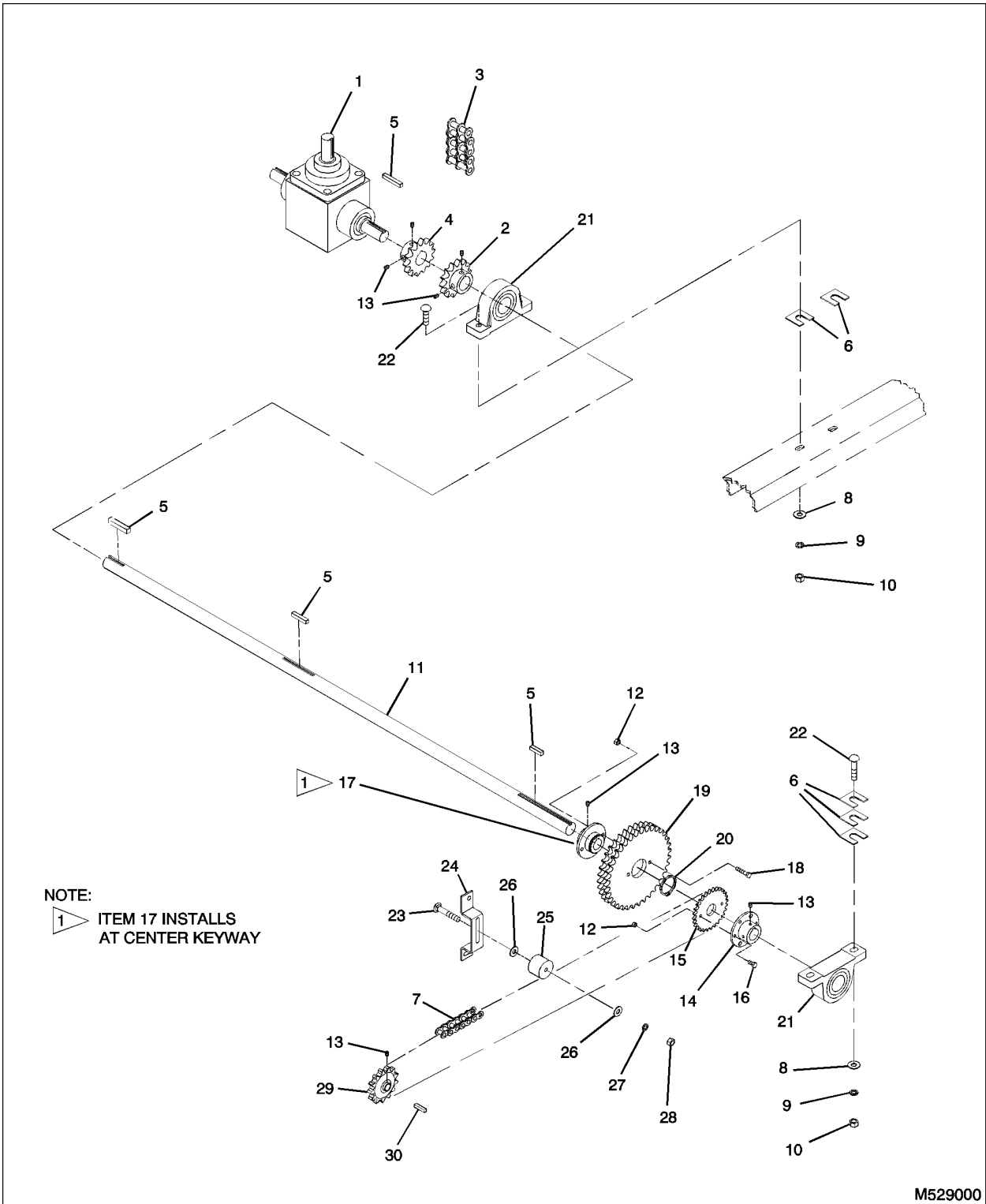
Item	Part Number	Qty.	Description
1	991200	2	Bolt, CRG 1/2-13 x 2 GR5, ZN
2	005360	14	Nut, Hex 1/2-13 GR5, ZN
3	011370	4	Bolt, HHCS 3/8-16 x 1-1/2 GR5
4	018680	2	Support, Main Auger Tube
5	021020	3	Rod, Mix Auger Tube
6	021180	10	Washer, Lock 3/8"
7	021190	6	Washer, Flat 0.438 x 1.0 x 0.083
8	027260	10	Nut, Hex 3/8-16 GR5, ZN
9	516090	1	Hanger, Bearing
10	013960	1	Bearing, PB 1-5/8 CI HSG W/LC
11	035180	8	Bolt, CRG 3/8-16 x 1-1/4 GR5
12	516110	1	Auger Wldt, Mixing 165 BU
13	516100	1	Tube, Mixing Auger 165 BU
14	005200	2	Washer, Flat 1/2 Std
15	005370	2	Washer, Lock 1/2
16	126660	1	Paddle, Mixing Auger
17	020180	2	Nut, Lock 3/8-16 Hex Flg

GEARBOX ASSEMBLY, MIXER – 529070

M529070

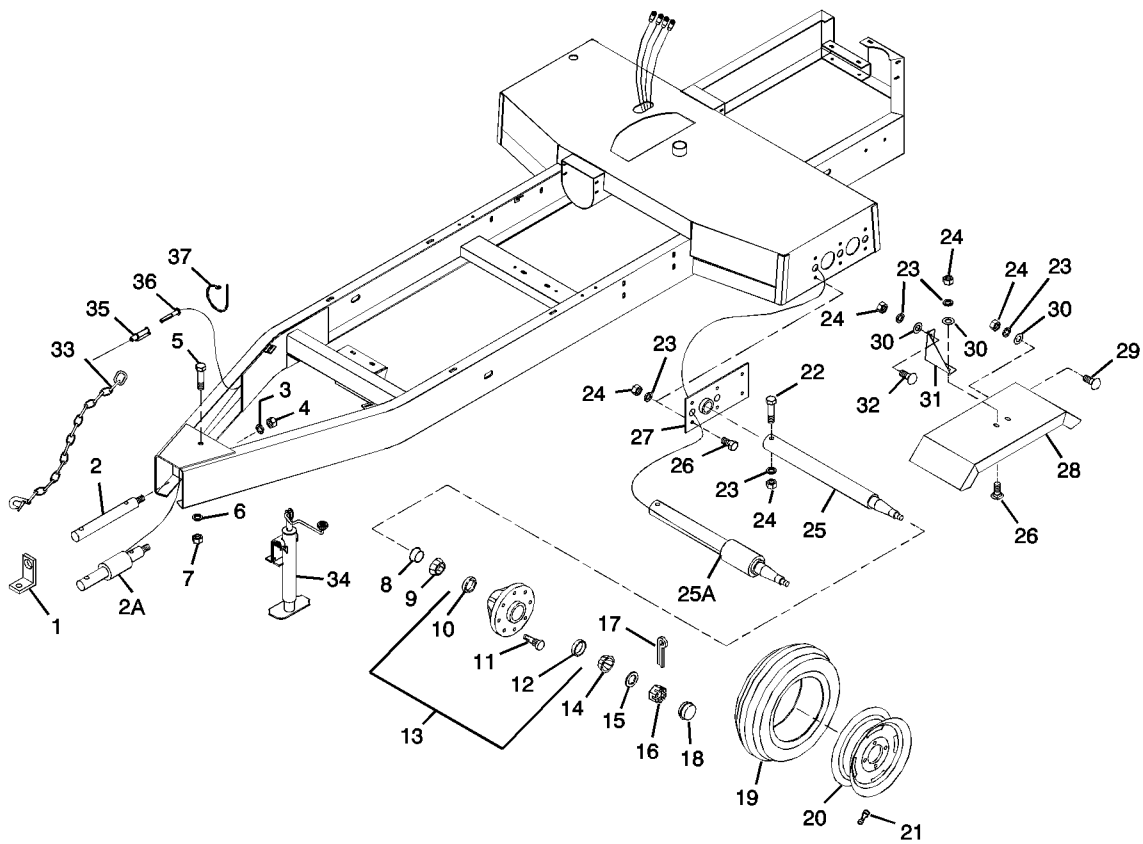
Item	Part Number	Qty.	Description
1	010570	1	Plate, Bearing Protector
2	037540	4	Nut, Lock 1/2 G5, ZN
3	020270	1	Bearing, Flange 1-5/8"
4	020290	1	Washer, Flat 1.65 x 2.12 x 0.134
5	020220	2	Key, Sq 5/16 x 1.25
6	020300	2	Washer, Flat 1.65 x 2.12 x 0.048
7	020280	2	Gear, Bevel 1-5/8
8	020310	1	Washer, Special Lock
9	010720	1	Washer, Bolt Lock
10	010730	1	Bolt, HHCS 1/2 x 1.25
11	020330	1	Gearbox, Machined, A-33
12	529050	6	Washer, 1.44 x 2.25 x 0.048
13	I120123	1	Pin, Cotter 1/8 x 1-1/4
14	020341	1	Plug, Pipe 3/4
15	529090	2	Bearing, Ball, 1-7/16 Cyl
16	529100	1	Shaft, Gearbox 1.44 x 18.0
17	013790	4	Bolt, HHCS 1/2 x 2.25 G5, ZN
18	010740	1	Gasket, Gearbox
19	010750	1	Cover, Gearbox
20	023620	10	Washer, Lock 5/16 ZN
21	012140	10	Bolt, HHCS 5/16 x 0.75 G5 ZN
22	126940	1	Washer, Flat 1-21/32 x 2 x 9/64
23	020350	3	Ring, Retaining Internal
24	529080	1	Gearbox, W/Bearings
25	961960	0.2	Permatex Ultra Blue 13 Oz
26	963130	0.5	90W Gear Oil SAE

DRIVE & GEARBOX ASSEMBLY, LOWER – 529000



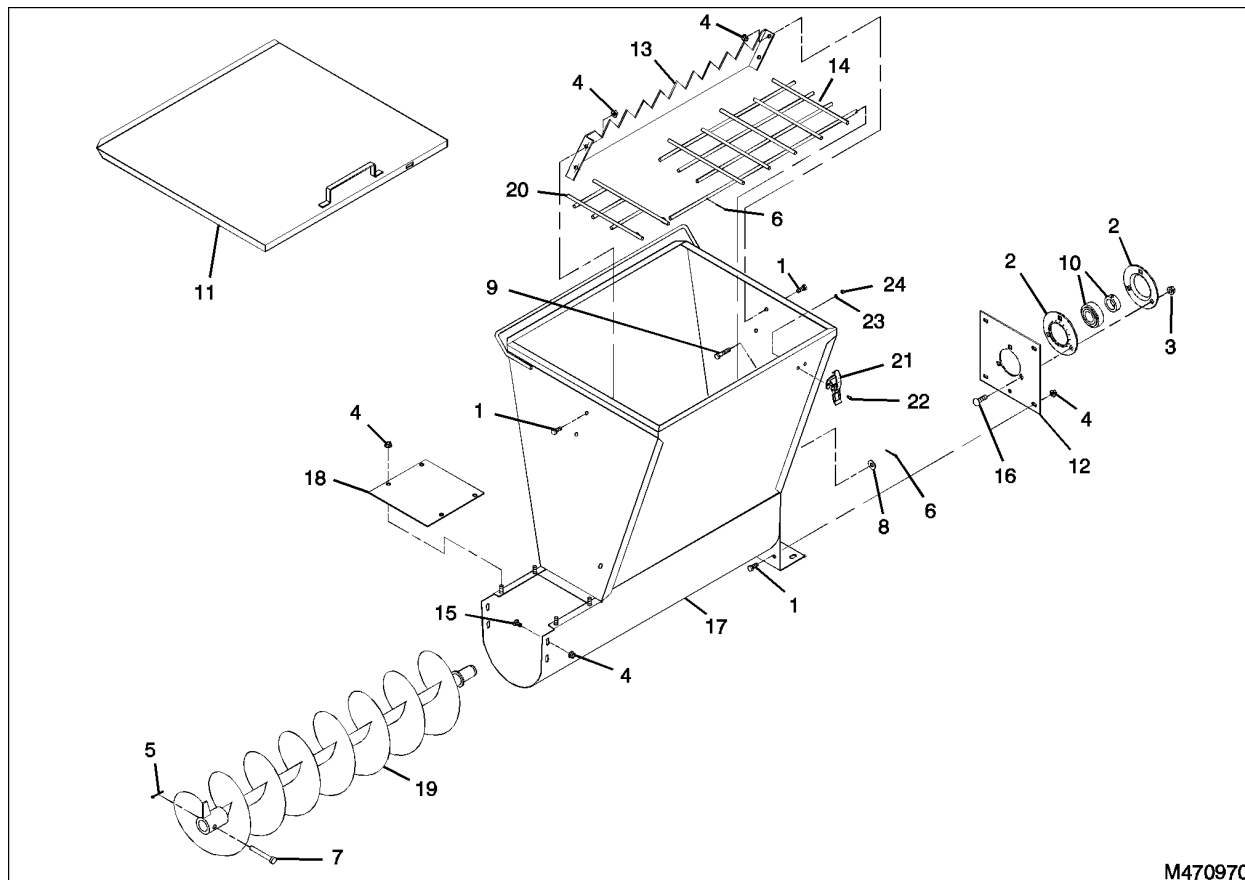
DRIVE & GEARBOX ASSEMBLY, LOWER – 529000

Item	Part Number	Qty.	Description
1	529070	1	Gearbox Assy, 5165 GM
2	461150	1	Sprocket, 60B14 Coupler
3	163770	1	Chain Assy, 60-2 14P Inc Conn
4	529110	1	Sprocket, 60B14 1.44 ID
5	021530	4	Key, Sq 3/8 x 2
6	I486454R1	8	Shim, 0.030" Blade
7	214150	1	Chain, Roller 2040 x 33P
8	005200	4	Washer, Flat 0.562 x 1.38 x 0.109 ZN
9	005370	4	Washer, Lock 1/2" ZN
10	005360	4	Nut, Hex 1/2-13 GR5, ZN
11	461870	1	Shaft, Mixer Drive
12	042370	4	Nut, Hex Lock 1/4-20 Ga, CZ
13	010990	8	Screw, AHSS 5/16-18 x 0.31 PL
14	461890	1	Hub Wldt, Shear 1.625 Bore
15	461880	1	Plate, Sprkt 40A28 1-5/8 ID
16	042960	2	Bolt, HHCS 1/4-20 x 1-1/2 GR5
17	469750	1	Hub Wldt, Shear 1.625 ID
18	047000	2	Bolt, HHCS 1/4-20 x 1-1/2 GR5
19	529200	1	Sprocket, D60A36 Double
20	040290	1	Ring, Retaining
21	013960	2	Brg, 1-5/8 PB, CI HSG W/LC
22	991200	4	Bolt, CRG 1/2-13 x 2 GR5
23	117550	1	Bolt, CRG 3/8-16 x 2-1/4 GR5
24	365890	1	Bracket, Mill To Mixer Idler
25	041440	1	Tightener, Chain
26	021190	2	Washer, Flat 0.438 x 1.0 x 0.083
27	021180	1	Washer, Lock 3/8"
28	027260	1	Nut, Hex 3/8-16 GR5
29	021860	1	Sprocket, 40B24 1.12 Bore
30	020760	1	Key, Par, 5/16 Sq x 1.125

Spindle, Hitch, & Hub Assembly**SCALE – 366410 & STANDARD – 366390**

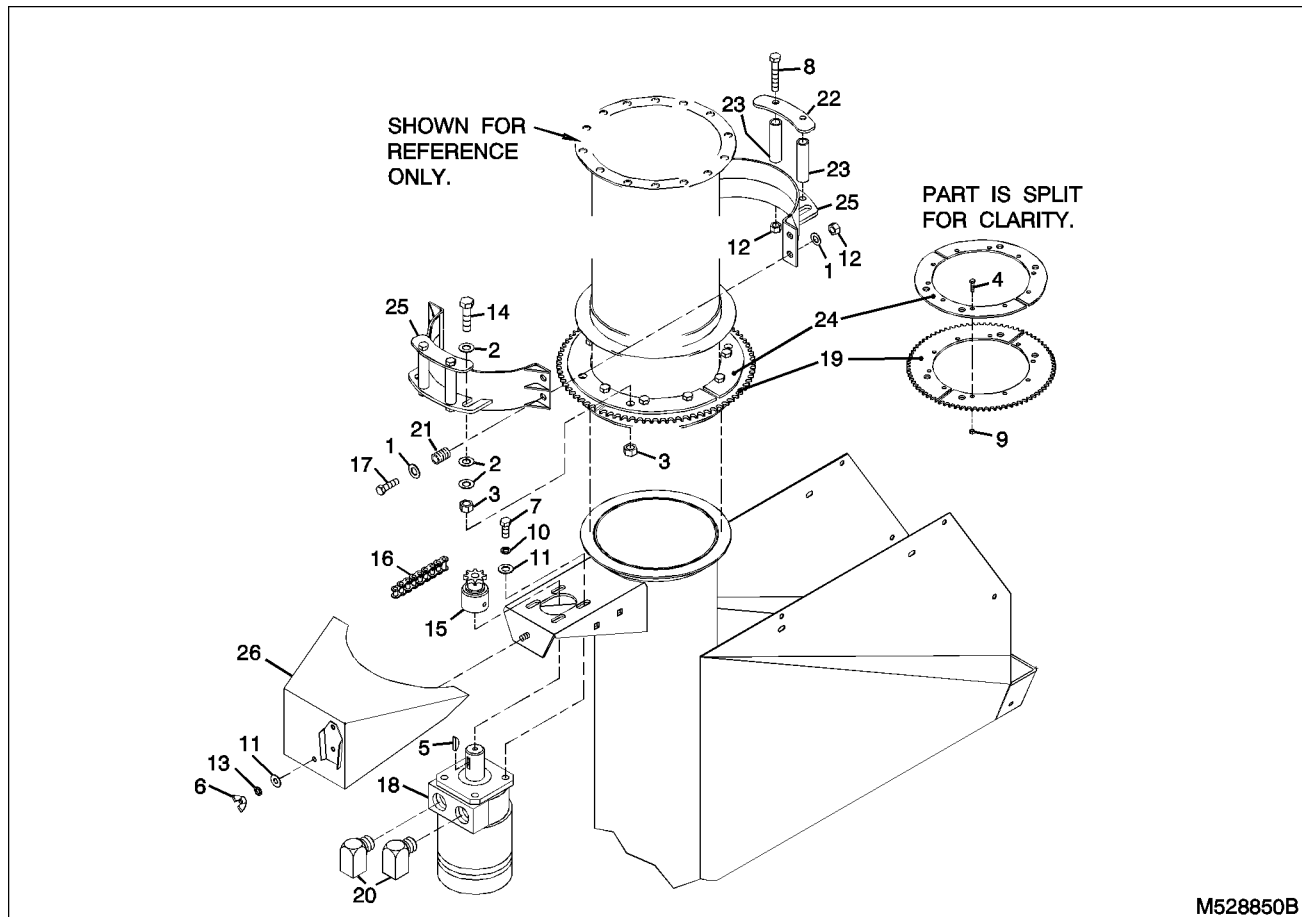
SPINDLE, HITCH, & HUB ASSEMBLY
SCALE – 366410 & STANDARD – 366390

Item	Part Number	Qty.	Qty.	Description
		366410	366390	
1	036740	1	1	Clevis, 1-7/8 Hitch
2	124780	-	1	Bar, Hitch (No Scale)
2A	219870	1	-	Bar, Hitch (With Scale)
3	003350	1	1	Washer, Lock 1"
4	147310	1	1	Nut, Hex 1"
5	990960	1	1	Bolt, HHCS 3/4 x 4.50 G5, ZN
6	036800	1	1	Washer, Lock 3/4
7	036750	1	1	Nut, Hex 3/4
8	121130	2	2	Seal, 2.12 x 3.06 x 0.50
9	042310	2	2	Cone, Brg. 1.78 I.D.
10	042320	1	1	Cup, Brg.
11	042440	16	16	Bolt, Lug 9/16 x 1.12 UNF
12	018860	2	2	Cup, Bearing
13	042330	2	2	Hub Assembly
14	012630	2	2	Cone, Brg. 1.25
15	020720	2	2	Washer, Flat 0.81 x 1.75 x 0.179
16	020710	2	2	Nut, Slotted Hex 3/4
17	026630	2	2	Pin, Cotter 5/32 x 1.50
18	035420	2	2	Cap, Hub 2.50"
19	050230	2	2	Tire, 13.5 x 16.1
20	042264	2	2	Wheel, 11 x 16.1 8-Bolt Gold
21	164420	2	2	Valve Stem, W/Core & Cap
22	030420	2	2	Bolt, HHCS 1/2 x 4.50 G5, ZN
23	005370	14	14	Washer, Lock 1/2
24	005360	14	14	Nut, Hex 1/2
25	042270	-	2	Spindle, 2.12 x 31.31
25A	040611	2	-	Weightbar, 2-1/8 Dia x 31.31 5-Pin Axle
26	010730	12	12	Bolt, HHCS 1/2 x 1.25 G5, ZN
27	363940	2	2	Bracket, Mounting 150
28	159140	2	2	Fender, 150 BU.
29	005390	4	4	Bolt, CRG. 1/2 x 1.0 G5, ZN
30	005200	4	4	Washer, Flat 0.56 x 1.38 x 0.109
31	159160	2	2	Support, Fender
32	030470	4	4	Bolt, CRG. 1/2 x 1.25 G5, ZN
33	1765302	1	1	Chain, Safety 5 FT.
34	040440	1	1	Jack Assy 151 DS Complete
35	036780	1	-	Connector, Power Cord
36	147060	1	-	Cord, 23' Digital Power
37	149670	14	-	Tie, Nylon Cable

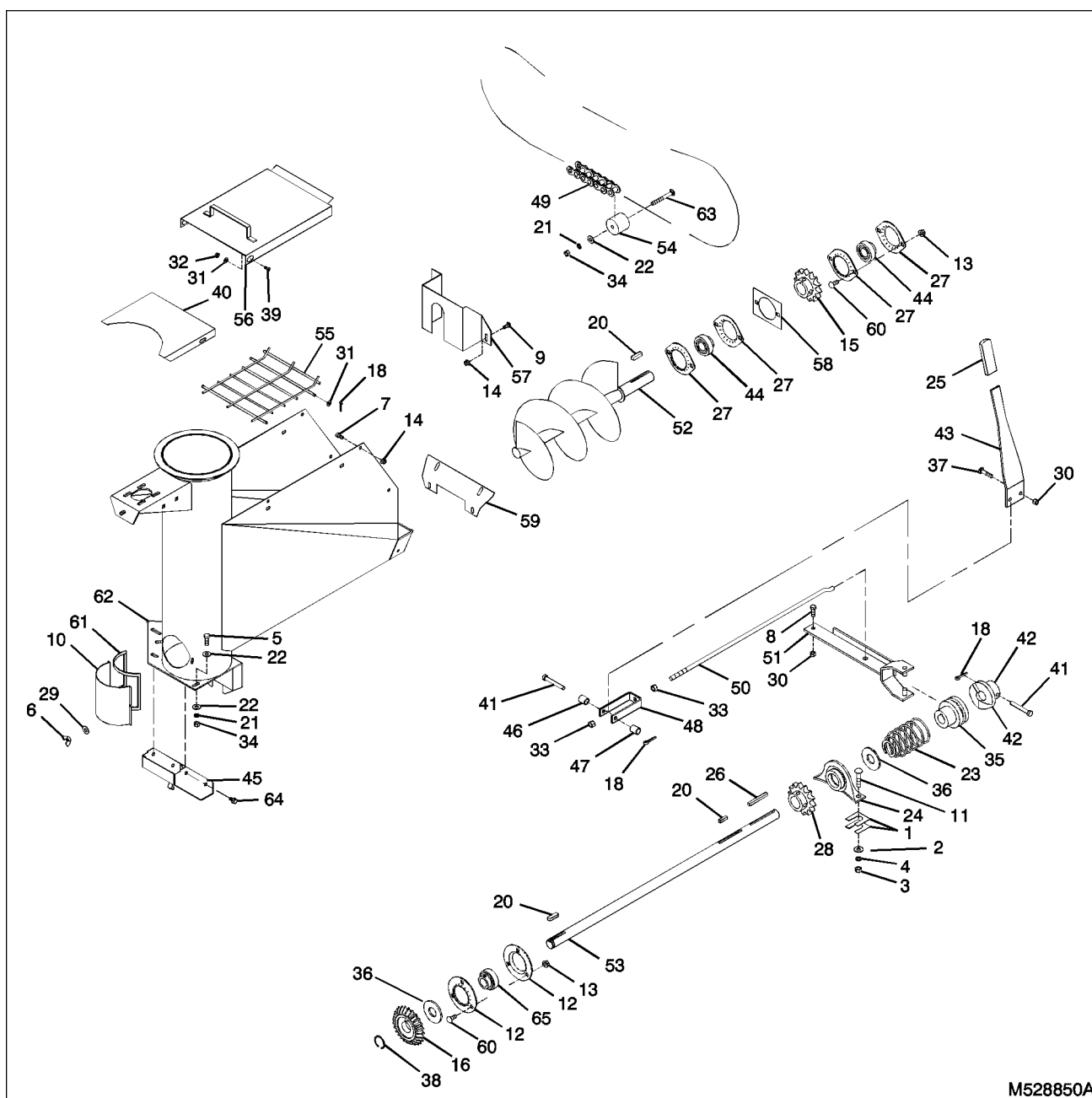
SUPPLEMENT HOPPER – 470970

M470970

Item	Part Number	Qty.	Description
1	006880	6	Bolt, HHCS 5/16-18 x 0.62 GR5, ZN
2	019150	2	Flangette, Brg 1.12 3 Bolt Rd
3	020180	3	Nut, Lock 3/8-16 Hex Flg GR5
4	020190	16	Nut, Lock 5/16-18 Hex Flg G5
5	020700	1	Pin, Cotter 5/32 x 1.0 Chisel
6	021210	2	Pin, Cotter 3/32 x 1.0 ZN
7	021430	1	Pin, Clevis 3/8 x 2.25 GR5, ZN
8	022920	1	Washer, Flat 0.375 x 0.875 x 0.083 ZN
9	025760	2	Bolt, HHCS 5/16-18 x 1.5 GR5, ZN
10	108850	1	Bearing, 1.12 SOD Spring Lock
11	126540	1	Lid Wldt, Supplement Hopper
12	128040	1	Plate, Hole Cover
13	470950	1	Cutter, Sack
14	471690	1	Grate, Wldt
15	169340	4	Bolt, CRG 5/16-18 x 0.50 SSN GR2
16	170530	3	Bolt, CRG 3/8-16 x 1.0 SSN GR5
17	470960	1	Hopper Wldt, Supplement
18	365140	1	Cover, Supplement Hopper
19	365150	1	Auger Wldt, Concentrate Tank
20	473840	1	Grate Wldt, Angled Hopper
21	I669184R1	1	Clamp, Shield Latch
22	I159920	2	Screw, PHMS 10-24 x 1/2
23	120600	2	Washer, Lock #10
24	120590	2	Nut, Hex 10-24

HYDRAULIC SWIVEL, SLIP BAND

Item	Part Number	Qty.	Description
1	I120394	8	Washer, 0.406 x 0.812 x 0.051
2	I120396	12	Washer, Flat 0.531 x 1.06 x 0.074 ZN
3	005360	8	Nut, Hex 1/2-13 GR5, ZN
4	005900	10	Bolt, HHCS 5/16-18 x 1.0 GR5, ZN
5	006180	1	Key, Woodruff 1/4" x 1.0"
6	009790	1	Nut, Wing 5/16-18
7	012260	4	Bolt, HHCS 3/8-16 x 1.0 GR5, ZN
8	990870	4	Bolt, HHCS 3/8-16 x 3-1/2 GR5, ZN
9	020190	10	Nut, Hx Flg Lk, 5/16-18 GR5, ZN
10	021180	4	Washer, Lock 3/8"
11	021190	4	Washer, Flat 0.438 x 1.0 x 0.083
12	023060	6	Nut, Lock Disthrd 38/-16
13	023620	1	Washer, Lock 5/16 ZN
14	023950	4	Bolt, HHCS 1/2-12 x 2.0 GR5, ZN
15	458500	1	Sprocket Assembly, 60B10
16	366540	1	Chain, #60 Roller, 60P, INC 1C
17	037790	4	Bolt, HHCS 3/8-16 x 2.0 GR5, ZN
18	111090	1	Motor Hyd. 20 Cu In Displ
19	458490	2	Sprocket, Split 60A54
20	252370	2	Elbow, St, 90 Deg, 0.50" W/0.06 Orfce
21	258540	4	Spring-Comp, 0.40 x 0.75 x 0.78 Lg
22	349470	2	Plate, Clamp
23	528640	4	Spacer, 0.675 O.D. x 0.493 I.D. x 2.59 Lg
24	387220	2	Plate, Sprocket Bolt Half
25	528610	2	Band Assembly, Wide Half Slip
26	364040	1	Shield Assembly, Swivel Motor

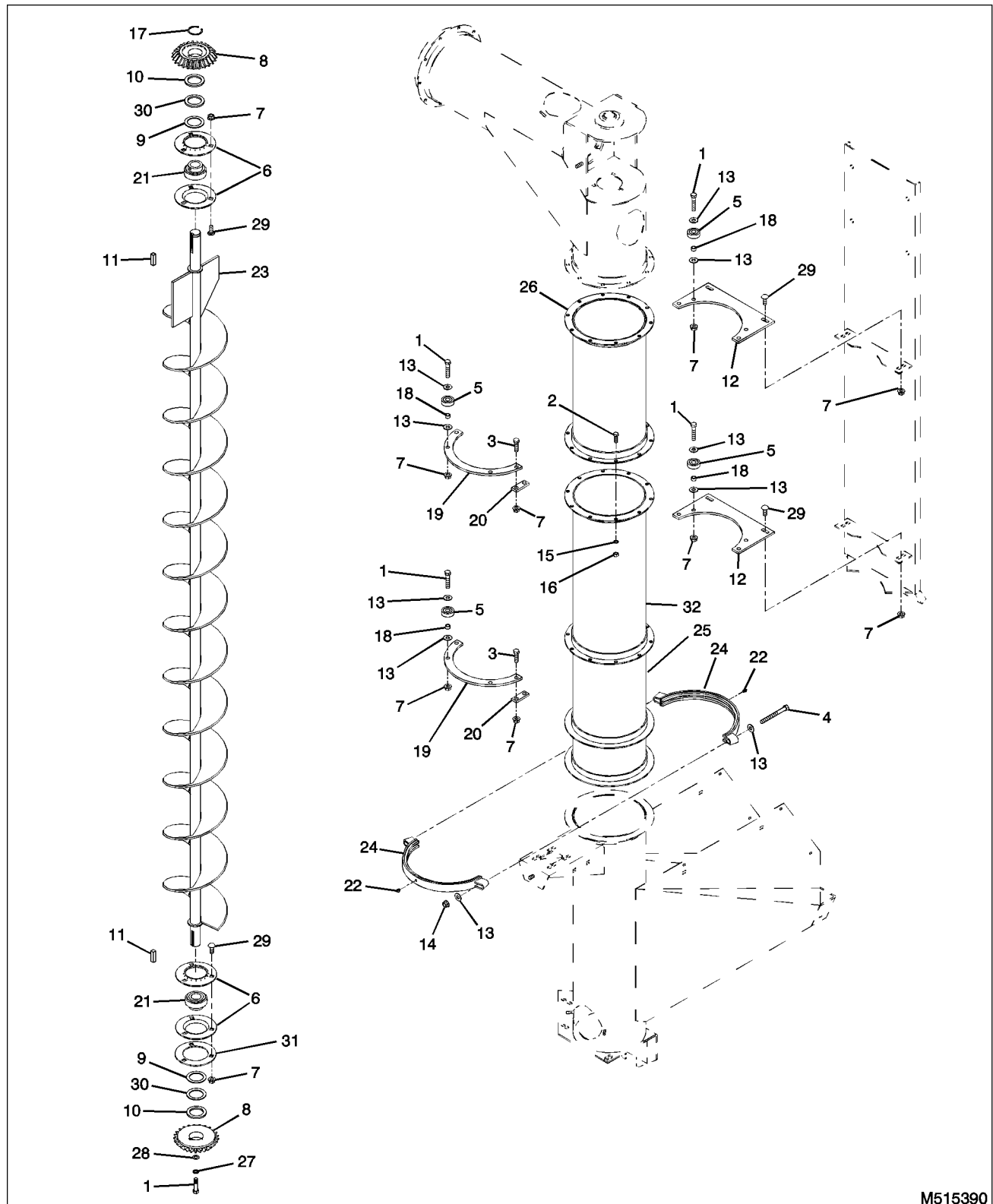
HOPPER AND DRIVE ASSEMBLY, DISCHARGE

M528850A

Item	Part Number	Qty.	Description
1	I486454R1	4	Shim, 0.030 Blade
2	005200	2	Washer, Flat 0.562 x 1.38 x 0.109 ZN
3	005360	2	Nut, Hex 1/2-13 GR5, ZN
4	005370	2	Washer, Lock 1/2" ZN
5	006690	3	Bolt, HHCS 3/8-16 x 1.25 GR5, ZN
6	009790	2	Nut, Wing 5/16-18
7	012140	4	Bolt, HHCS 5/16-18 x 0.75 GR5, ZN
8	012260	1	Bolt, HHCS 3/8-16 x 1.0 GR5, ZN

HOPPER AND DRIVE ASSEMBLY, DISCHARGE

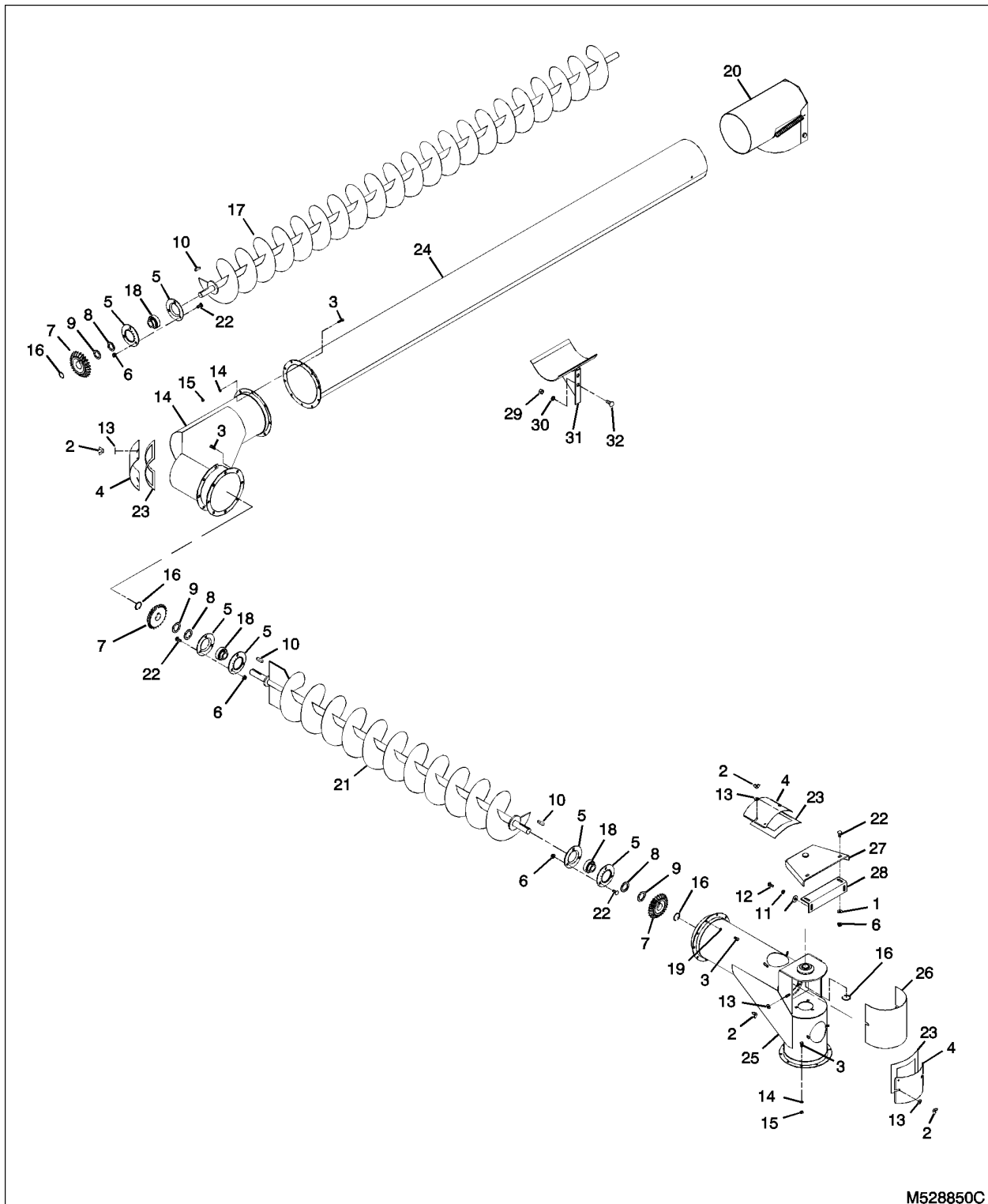
Item	Part Number	Qty.	Description
9	012410	4	Bolt, CRG, 5/16-18 x 0.75 GR5, ZN
10	012520	1	Door, Cleanout
11	991200	2	Bolt, CRG 1/2-13 x 2.0 GR5, ZN
12	019150	2	Flange, 1.12 Brg 3 Bolt Rnd
13	020180	7	Nut, Lock 3/8-16 Flng Hx GR5
14	020190	4	Nut, 5/16-18 Hx Flng Lk, GR5, ZN
15	020240	1	Sprocket, 40B28, 1.12 Bore
16	461790	1	Gear, Bevel, 14T, 1.25 Bore
17	020650	4	Washer, Flat 1.14 x 1.62 x 0.134 Pln
18	020700	6	Pin, Cotter 5/32 x 1.0 Chsl Pnt
19	020750	4	Washer, 1.14 x 1.62 x 0.105 Pln
20	020760	3	Key, Par, 5/16 Sq. x 1.12
21	021180	4	Washer, Lock 3/8"
22	021190	7	Washer, Flat .0438 x 1.0 x 0.083
23	528710	1	Spring, Clutch Holding
24	529120	1	Brg, 1.25 PB, Stl Hsg W/LC
25	021560	1	Grip, Clutch Handle
26	021570	1	Key, Par, 5/16 Sq. x 3.62
27	021610	4	Flg, 1.12 Brg, 2 Bolt
28	529140	1	Sprocket, 40B24, 1.25 Bore
29	022920	2	Washer, Flat 0.35 x 0.88 x 0.083
30	023060	2	Nut, Lock 3/8-16 DSTHD
31	023260	6	Washer, Flat 0.312 x 0.75 x 16Ga. ZN
32	023270	2	Nut, Lock 1/4" Hex Flng
33	023770	2	Nut, Hex 7/16-14 GR2, ZN
34	027260	4	Nut, Hex 3/8-16 GR5, ZN
35	528690	1	Clutch, A-66 Casting
36	I49581203	2	Washer, 1.28 x 2.00 x 0.105 Pln
37	035180	1	Bolt, CRG 3/8-16 X 1.25 GR5
38	025710	1	Ring, 1.25 Snap
39	035230	2	Screw, 1/4-20 x 0.75 TR HD, G2, ZN
40	040820	1	Feed Deflector
41	041540	2	Pin, Clevis 3/8 x 2.38 ZN
42	528700	1	Clutch, A-67 Casting
43	105210	1	Handle, Clutch
44	108850	2	Bearing, 1.12 Sod Spring Lock
45	529460	1	Shield, Lower Gears
46	144730	1	Spacer, 1/2" Long
47	144740	1	Spacer, 7/8" Long
48	151450	1	Fork, Discharge Clutch
49	157860	1	Chain Assembly, RC40 x 61P
50	158200	1	Rod, Clutch, 500
51	158210	1	Arm Weldment, Clutch
52	188230	1	Auger Weldment, Push
53	529130	1	Shaft, Back Auger Drive
54	041440	1	Tightener, Chain
55	158270	1	Grate Weldment, Discharge
56	158280	1	Cover Weldment, Back Hopper
57	162140	1	Shield, Push Auger
58	167090	1	Spacer, Bearing
59	167100	1	Gasket, Filler
60	170530	7	Bolt, CRG 3/8-16 x 1.0 GR5, ZN
61	185900	1	Strip, Seal, Discharge C.O.
62	529440	1	Discharge Weld., First Sect.
63	117550	1	Bolt, CRG 3/8-16 x 2.25 GR2, ZN
64	JN71292	4	Bolt, HXHD 5/16-18 x 1/2 Flg GR5, ZN
65	461780	1	Bearing, 1.25 Sod Spring Lock

52" VERTICAL DISCHARGE ASSEMBLY – 515390

M515390

52" VERTICAL DISCHARGE ASSEMBLY – 515390

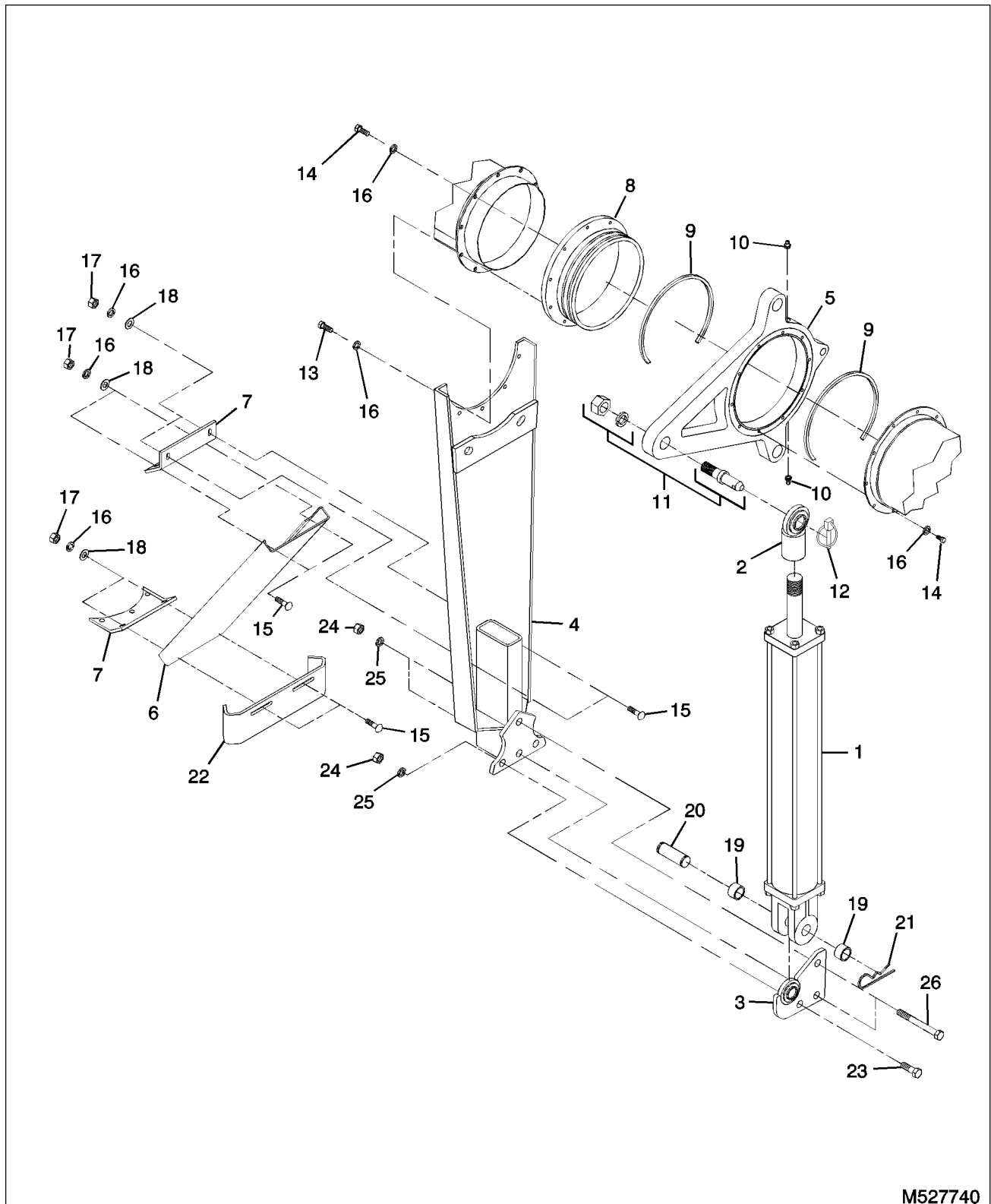
Item	Part Number	Qty.	Description
1	011370	9	Bolt, HHCS 3/8-16 X 1.5 GR5, ZN
2	012140	20	Bolt, HHCS 5/16-18 0.75 GR5, ZN
3	012260	8	Bolt, HHCS 3/8-16 x 1.0 GR5, ZN
4	990820	2	Bolt, HHCS 3/8-16 X 3.0 GR5, ZN
5	013750	8	Bearing, Ball 1/2" Special
6	019150	4	Flangette, Brg 1.12-3 Bolt Rnd
7	020180	26	Nut, Lock 3/8-16 Hex Flg GR5
8	461790	2	Gear, Bevel 14T 1.25" Bore
9	020910	2	Washer, Flat 1.25 x 1.75 x 0.062 ZN
10	020880	2	Washer, Flat 1.25 x 1.75 x 0.141 ZN
11	020760	2	Key, Sq. 5/16 x 1.12 Lg
12	367180	2	Bracket, Swivel Ring
13	021190	20	Washer, Flat 0.438 x 1.0 x 0.083 ZN
14	023060	2	Nut, Lock 3/8-16 Fin. Hex Gra
15	023620	20	Washer, Lock 5/16" ZN
16	023630	20	Nut, Hex 5/16-18 GR5
17	025710	1	Ring, 1.25 Snap
18	038380	8	Spacer, 3/8 x 1/2 x 5/16 Long
19	046060	2	Ring, Swivel
20	046130	4	Bracket, Swivel Ring Attach
21	461780	2	Bearing, 1.25 Sod
22	115590	2	Zerk, 1/4-28 Taper Dr Thread
23	528280	1	Auger Wldt, Vert Discharge
24	188340	2	Clamp Wldt, Heavy Swivel
25	528100	1	Tube Wldt, 18" Lower Vertical
26	366910	1	Tube Wldt, 16" Vertical
27	021180	1	Washer, Lock 3/8
28	012270	1	Washer, Flat 13/32 x 1.75 9/64
29	170530	10	Bolt, CRG 3/8-16 x SSN
30	020920	2	Washer, Flat 1-1/4 x 3/64
31	529710	1	Ring, Flangette Reinforcing
32	215790	1	Tube Wldt, 18" Upper Vertical

INNER ELBOW ASSEMBLY, DISCHARGE

M528850C

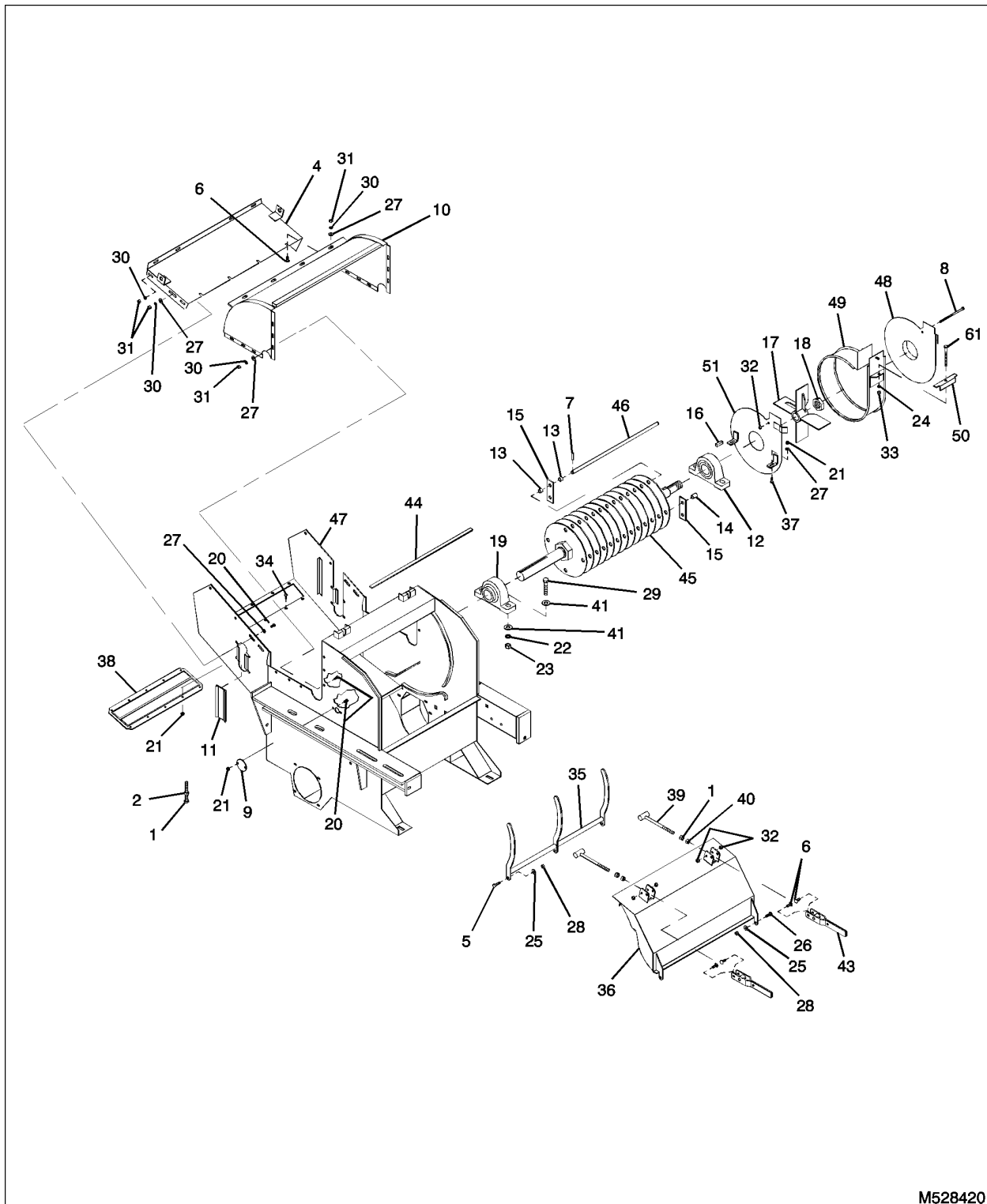
INNER ELBOW ASSEMBLY, DISCHARGE

Item	Part Number	Qty.	Description
1	I120374	4	Washer, Flat 0.406 x 0.812 x 0.051
2	009790	2	Nut, Wing 5/16-18
3	012140	22	Bolt, HHCS 5/16-18 x 0.75 GR5, ZN
4	012520	2	Door, Cleanout
5	019150	2	Flange, 1-1/8 Brg 3 Bolt Rnd
6	020180	3	Nut, Hex Flg Lk 3/8-16
7	020580	1	Gear, Bevel, 14T, 1-1/8 Bore
8	020650	4	Washer, Flat 1.140 x 1.62 x 0.134
9	020750	2	Washer, Flat 1.140 x 1.630 x 0.105
10	020760	1	Key, Par, 5/16 Sq. x 1.12
11	021180	2	Washer, Lock 3/8"
12	022420	2	Bolt, HHCS 3/8-16 x 0.75 GR5, ZN
13	022920	2	Washer, Flat 0.38 x 0.88 x 0.083
14	023620	20	Washer, Lock, 5/16 ZN
15	023630	10	Nut, Hex 5/16-18 GR5, ZN
16	035200	2	Ring, 1.12 Snap
17	528670	1	Auger Weldment, Tilted RH Flight 7" x 118.5
18	108850	1	Bearing, 1.12 Sod Spring Lock
19	132871	1	Elbow Assembly, Light
20	152100	1	Hood Assembly, Discharge Auger
21	528650	1	Auger Weldment, Tilted RH Flight 7" x 40.88
22	170530	3	Blot, Crg 3/8-16 x 1.0 GR5, ZN
23	185900	2	Strip, Seal, Discharge C.O.
24	205990	1	Tube Weldment, 8 x 103 x 16Ga
25	366810	1	Elbow Weldment, 150 Inner
26	366830	1	Cover, Gear
27	366860	1	Anchor Weldment, Bearing
28	379250	1	Bracket, 150 Bolt On Ext.
29	005360	1	Nut, Hex 1/2-13 GR5, ZN
30	005370	1	Washer, Lock 1/2"
31	043480	1	Holder Weldment, Unloading
32	005390	1	Bolt, CRG 1/2-13 x 1.0 SSN GR5, ZN

HYDRAULIC DISCHARGE LIFT ASSEMBLY – 527740

HYDRAULIC DISCHARGE LIFT ASSEMBLY – 527740

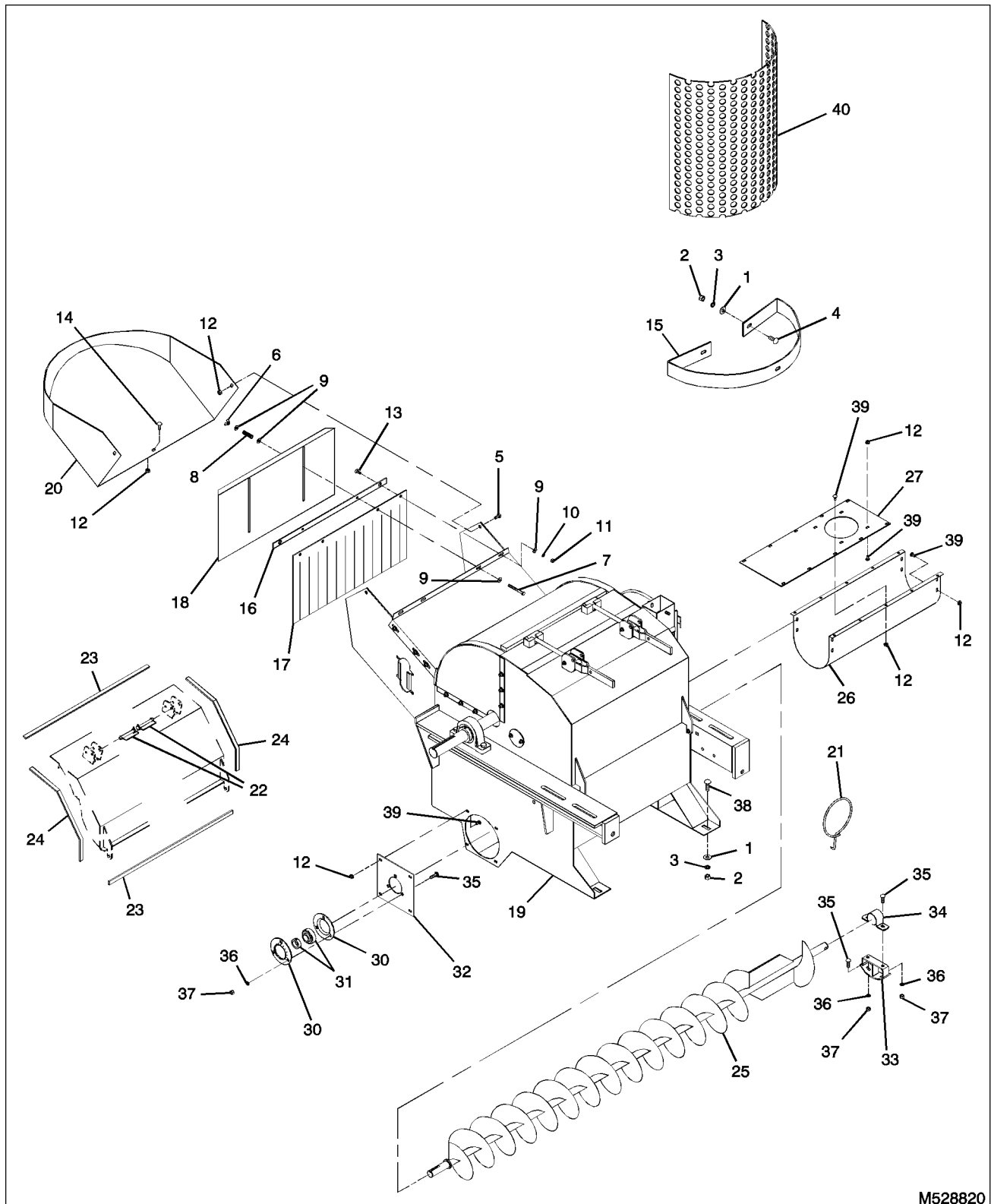
Item	Part Number	Qty.	Description
1	527750	1	Cyl, Hyd 3 x 16 Clevis, 1-1/4
-	355350		Seal Kit, Cross Cylinder (IC4629)
-	531440		Seal Kit, Prince Cylinder (PMCK-BF-0520)
2	527760	1	End Wldt, Ball 1.015 ID
3	527780	1	Mount Wldt, Lower Cyl
4	527810	1	Arm Wldt, Vert. Cyl Mnt
5	527870	1	Lever, Cyl Lift
6	527880	1	Channel, Bract 7.0 x 26.5
7	527890	2	Bracket, Brace Bottom
8	527910	1	Holder, Hyd Lift Discharge
9	104360	2	Ring, Retaining
10	115590	2	Fitting, 1/4-28 Str
11	I472790R2	1	Stud, Nut, & Lock Washer
12	V240437	1	Pin, Lynch
13	030030	5	Bolt, HHCS 5/16-18 x 1-1/4
14	012140	15	Bolt, HHCS 5/16-18 x 3/4
15	1111267	6	Bolt, CRG 5/16-18 x 1-1/4
16	023620	26	Washer, Lock 5/16
17	023630	6	Nut, Hex 5/16-18
18	022920	6	Washer, Flat 5/16 Std
19	I1337411C1	2	Bushing, 1.25 OD x 1.00 ID x 0.75
20	I43951648	1	Pin, Clevis 1 x 3 ZN
21	035830	1	Pin, Bridge 3/16" Internal
22	371930	1	Stop, Swing
23	990620	1	Bolt, HHCS 5/8-11 x 2
24	I124589	3	Nut, Hex 5/8-11
25	020440	3	Washer, Lock 5/8
26	201660	2	Bolt, HHCS 5/8-11 x 6

ONE PIECE 26" HAMMERMILL ASSEMBLY – 528420

M528420

ONE PIECE 26" HAMMERMILL ASSEMBLY – 528420

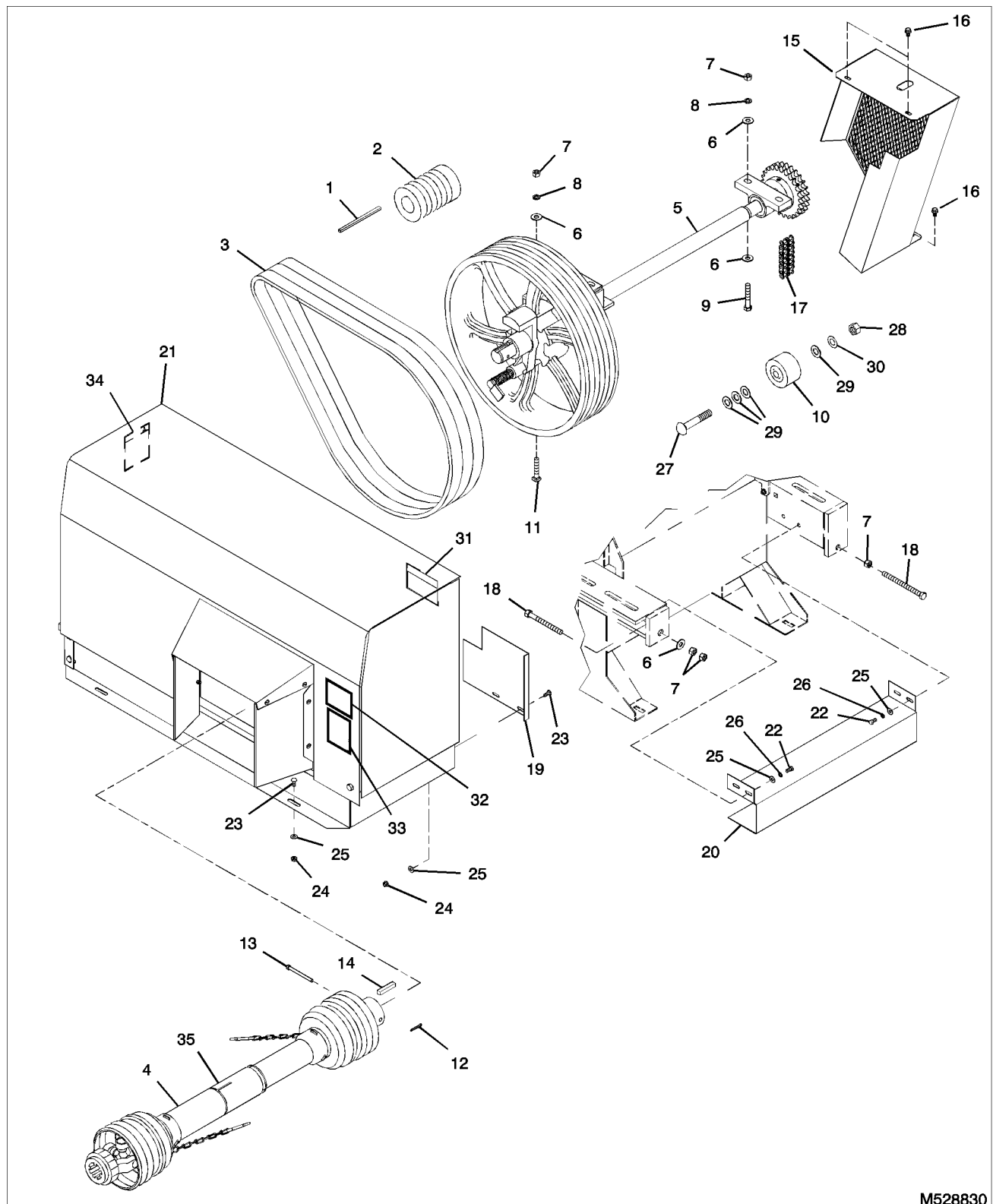
Item	Part Number	Qty.	Description
1	005360	4	Nut, Hex 1/2-13 GR5, ZN
2	034650	4	Bolt, 1/2-13 x 3.5 GR5, Full Thd
3	990870	1	Bolt, HHCS 3/8-16 x 3.5 GR5, ZN
4	362770	1	Cover Weldment, 26" Throat
5	012260	2	Bolt, HHCS 3/8-16 x 1.0 GR5, ZN
6	012410	8	Bolt CRG 5/16-18 x 0.75 GR5, ZN
7	012550	8	Pin, Expansion 1/4 x 1.25
8	012820	1	Bolt, HHCS 5/16-18 x 5.0 GR5, ZN
9	012920	1	Plate
10	362730	1	Hood Weldment, 26"
11	013360	2	Slide Assembly
12	013420	1	Brg, 2.0 PB, CI HSG W/LC
13	013480	48	Spacer, Split Pipe
14	013490	24	Spacer, Split Pipe
15	013501	48	Hammer, Single
16	013510	1	Key, Par, 3/8 Sq. x 1.25
17	013520	1	Fan, A37 Blower, Machine Dwg
18	013530	1	Nut, Hex Jam 1.50-12 Pln
19	013950	1	Brg, 2.0 PB, Dbl Row, CI HSG, W/LC
20	012140	20	Bolt, HHCS 5/16-18 x 0.75 GR5, ZN
21	020190	14	Nut, Hx Flg Lk 5/16-18
22	020440	4	Washer, Lock 5/8 Reg. ZN
23	020450	4	Nut, Hex 5/8-11 GR2, ZN
24	021180	1	Washer, Lock 3/8"
25	021190	4	Washer, Flat 0.438 x 1.0 x 0.083
26	170530	1	Bolt, CRG 3/8-16 x 1.0 GR5, ZN
27	022920	26	Washer, Flat 0.38 x 0.88 x 0.083
28	023060	4	Nut, Lock Disthrd 3/8-16
29	023110	4	Bolt, HHCS 5/8-11 x 2.50 GR5, ZN
30	023620	22	Washer, Lock 5/16 ZN
31	023630	22	Nut, Hex 5/16-18 GR5, ZN
32	025670	5	Nut, Lock 5/16-18 Hex Disthrd
33	027260	1	Nut, Hex 3/8-16 GR5, ZN
34	028230	10	Screw, Thrd 5/16-18 x 0.75 GR2, ZN
35	362690	1	Support Weldment, 26" Screen
36	362610	1	Door Wldt, 26" Hammermill
37	1111267	2	Bolt, CRG 5/16-18 x 1.25 GR5
38	113270	1	Magnet, #4 24 Mill
39	127860	2	Bar-T Weld Assembly
40	127890	2	Nut, Lk Disthrd 1/2-13 GR5, CD
41	127920	8	Washer, Flat 0.656 x 1.38 x 0.179 Tk
42	398230	1	Sealant, Clear 10 Oz. Tube
43	151920	2	Handle, Locking, Wld Sub Assembly
44	157670	1	Sealing Strip, 500
45	157830	1	Shaft Assembly, Rotor
46	157840	4	Pin, Hammermill 3/4 x 23.50
47	515250	1	Housing Wldt, 26" Hammermill
48	170990	1	Side Plate Weld, Rear
49	171000	1	Wrapper Weld, Fan Housing
50	170970	1	Clamp, Pull Down
51	170980	1	Side Plate Weld, Front

26" THROAT & AUGER ASSEMBLY – 528820

M528820

26" THROAT & AUGER ASSEMBLY – 528820

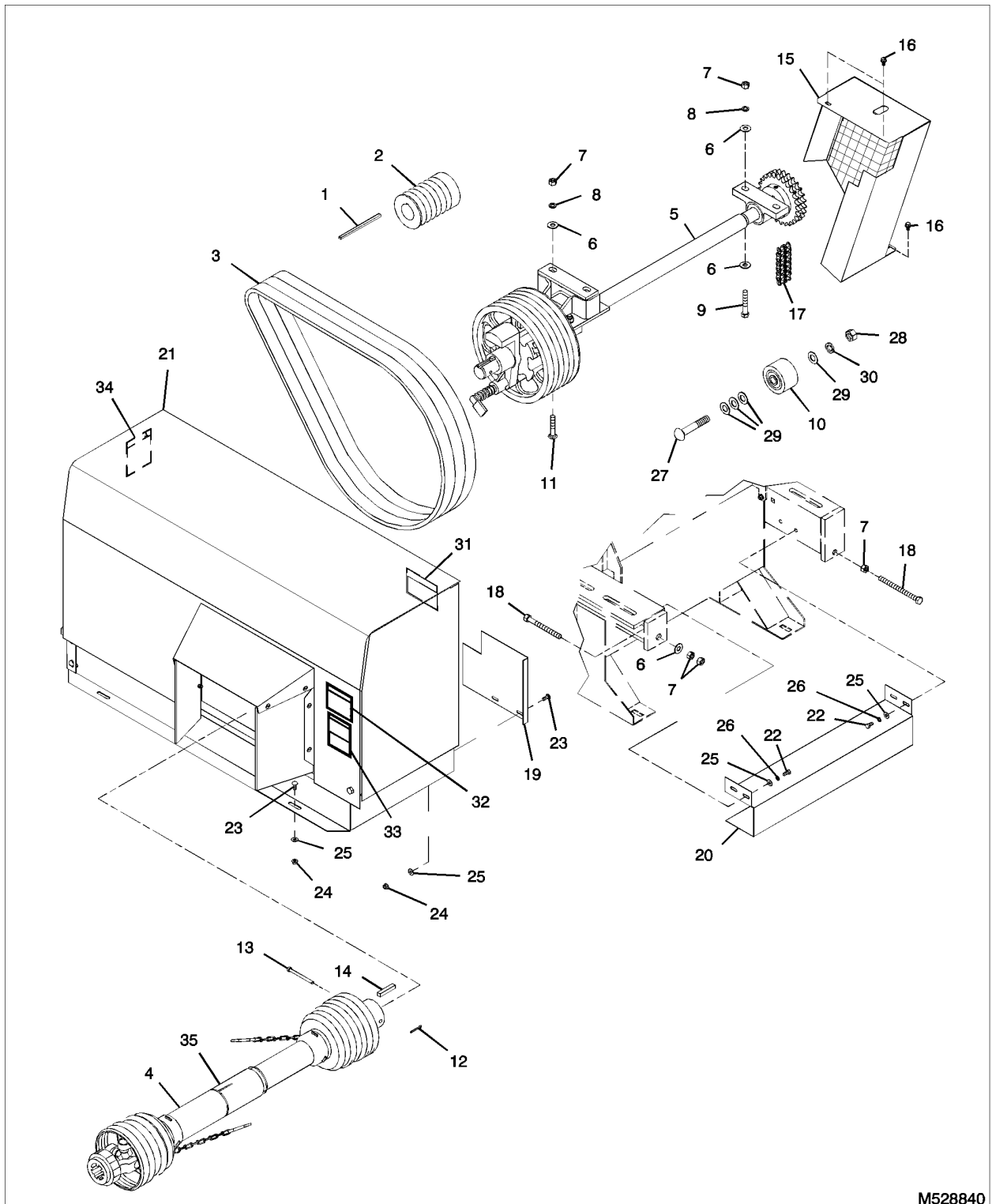
Item	Part Number	Qty.	Description
1	005200	6	Washer, Flat 0.562 x 1.38 x 0.109 ZN
2	053600	6	Nut, Hex 1/2-13 GR5, ZN
3	005370	6	Washer, Lock 1/2" ZN
4	005390	2	Bolt, CRG 1/2-13 x 1.0 SSN GR5
5	006880	2	Bolt, HHCS 5/16-18 x 0.62 GR5, ZN
6	009790	2	Nut, Wing 5/16-18 Type A ZN
7	009800	2	Bolt, HHCS 5/16-18 x 2.5 GR5, ZN
8	013080	2	Spring, Comp 12 Ga x 0.62 x 1.88
9	022920	8	Washer, Flat 0.38 x 0.88 x 0.083 ZN
10	023620	2	Washer, Lock 5/16"
11	023630	2	Nut, Hex 5/16-18 GR5, ZN
12	020190	29	Nut, Hex Flg Lk 5/16-18
13	033080	2	Screw, FHMS 5/16-18 x 1.0 GR2, ZN
14	035290	1	Bolt, CRG 5/16-18 x 0.62 SSN GR2
15	037880	1	Rack
16	158960	1	Strap, Throat
17	158970	1	Flap, Throat
18	158980	1	Plate, Large Feed Grate
19	528420	1	Hammermill Assembly, 26" One Piece
20	366590	1	Basket Wldt, 26"
21	013120	1	Hook, Screen
22	143710	2	Pin, Snapper 0.38 x 2.5 ZN
23	157670	2	Sealing Strip, 500
24	213900	2	Strip, Sealing 0.25 x 0.62 x 20.0
25	196140	1	Auger Wldt, Mill To Mixer
26	364250	1	Through, Lower Pan To Tank
27	365880	1	Cap, Through
28	NOT USED		
29	NOT USED		
30	019150	2	Flange, 1.12 Brg 3 Bolt Round
31	108850	1	Bearing, 1.12 Sod Spring Lock
32	128040	1	Plate, Hole Cover
33	165020	1	Bracket Wldt, Bearing Holder
34	165030	1	Bearing, 1.12 Split Wood PB
35	170530	7	Bolt, CRG 3/8-16 x 1.0 SSN GR5
36	021180	7	Washer, Lock 3/8"
37	027260	7	Nut, Hex 3/8-16 GR5, ZN
38	030470	4	Bolt, CRG 1/2-13 x 1.25 SSN GR5
39	169340	26	Bolt, CRG 5/16-18 x 0.50 SSN GR2
40	157700	-	Screen, Hammermill – 1/8"
40	187630	-	Screen, Hammermill – 5/32"
40	157710	-	Screen, Hammermill – 3/16"
40	157720	-	Screen, Hammermill – 1/4"
40	157730	-	Screen, Hammermill – 5/16"
40	157740	-	Screen, Hammermill – 3/8"
40	157750	-	Screen, Hammermill – 1/2"
40	157760	-	Screen, Hammermill – 5/8"
40	157770	-	Screen, Hammermill – 3/4"
40	157780	-	Screen, Hammermill – 1" (Shown)
40	157790	-	Screen, Hammermill – 1-1/4"
40	157800	-	Screen, Hammermill – 1-1/2"
40	157810	-	Screen, Hammermill – 2"

540 26"-RPM HAMMERMILL DRIVE ASSEMBLY – 528830

M528830

540 26"-RPM HAMMERMILL DRIVE ASSEMBLY – 528830

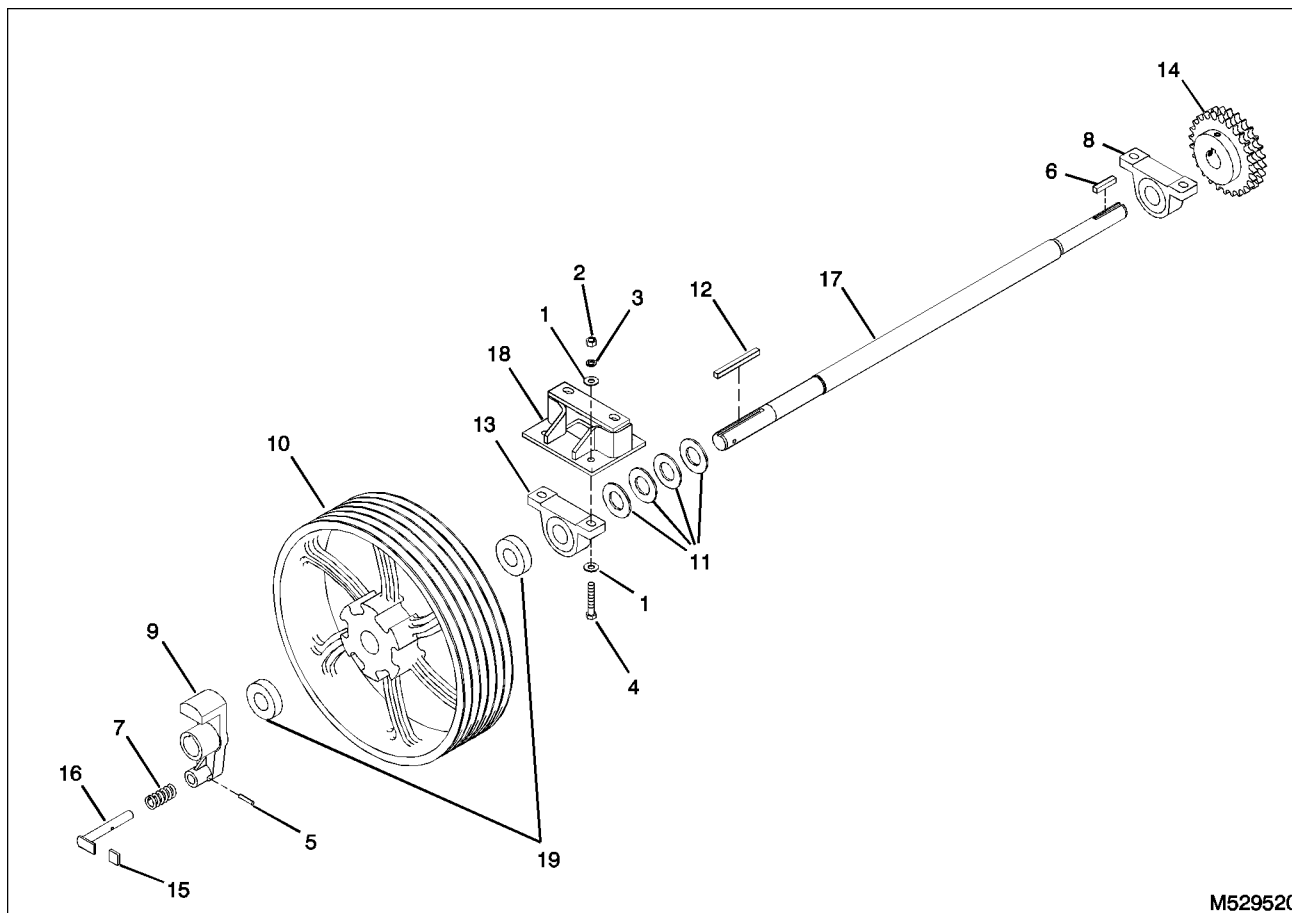
Item	Part Number	Qty.	Description
1	110390	1	Key, Standard Tapered
2	165500	1	Pulley, 12 Groove
3	172600	1	Belt, 2/3V850 Set of 6
4	354640	1	PTO Assembly, 540 1-3/8 –6B
5	529520	1	Jackshaft Assembly, 540 26" Mill
6	005200	10	Washer, Flat 0.562 x 1.38 x 0.109 ZN
7	005360	12	Nut, Hex 1/2-13 GR5, ZN
8	005370	6	Washer, Lock 1/2" ZN
9	007080	2	Bolt, HHCS 1/2-13 x 2.50 GR5, ZN
10	529230	1	Idler, Roller 3.5 OD x 2.12 W x 0.75 Bore
11	E096046	4	Bolt, CRG 1/2-13 x 1.5 GR5, ZN
12	034360	1	Pin, Cotter 1/8 x 1.0
13	036480	1	Pin, 5/16 x 3.0 Clevis ZN
14	021530	1	Key, Sq 3/8 x 2
15	528960	1	Shield Wldt, Center Drive
16	JN10212	3	Screw, Flg 5/16-18 x 3/4 GR5, ZN
17	529240	1	Chain, Roller RC60-2 x 76 Pitch
-	163780	-	Chain, Connecting Link 60-2
18	013800	2	Bolt, HHCS 1/2-13 x 5.0 GR5, ZN
19	365270	1	Shield, Back
20	365820	1	Shield, Jackshaft 26" Mill
21	529260	1	Shield Assembly, Main
22	012140	4	Bolt, HHCS 5/16-18 x 0.75 GR5, ZN
23	012410	4	Bolt, CRG 5/16-18 x 0.75 GR5, ZN
24	020190	4	Nut, Hx Flg Lk 5/16-18 GR5, ZN
25	022920	8	Washer, Flat 0.38 x 0.88 x 0.083
26	023620	4	Washer, Lock 5/16" ZN
27	218120	1	Bolt, CRG 3/4-10 x 4 GR5, ZN
28	036750	1	Nut, Hex 3/4-10 ZN
29	I131017	4	Washer, Flat 3/4 SAE
30	036800	1	Washer, Lock 3/4" ZN
31	467450	1	Decal, Warning Moving Parts Hazard
32	384030	1	Decal, Danger 565 RPM
33	368350	1	Decal, Warning Flywheel Dr.
34	368040	1	Decal, Caution Safety Inst.
35	268860	-	Decal, Danger Rotating Driveline

1000 26"-RPM HAMMERMILL DRIVE ASSEMBLY – 528840

M528840

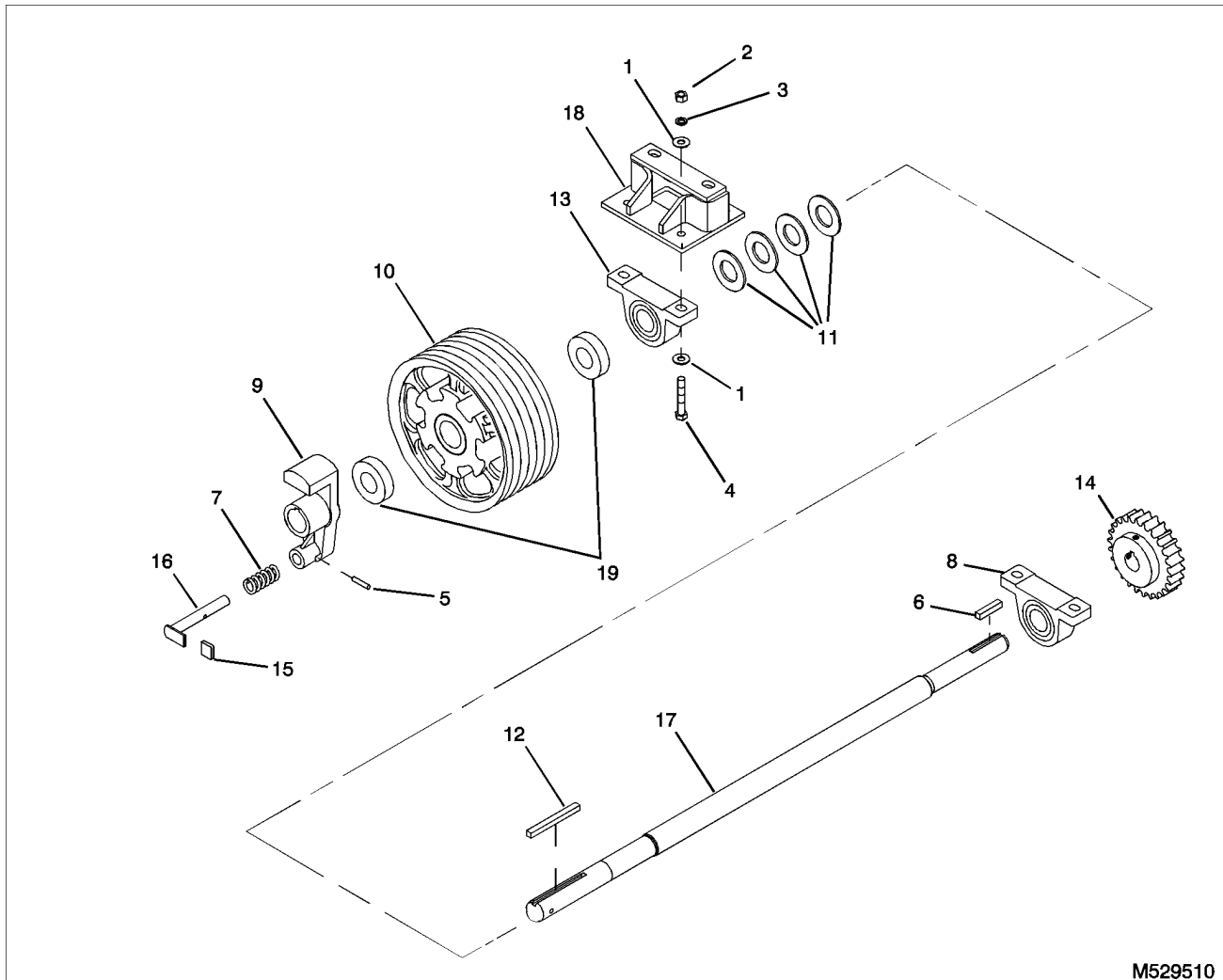
1000 26"-RPM HAMMERMILL DRIVE ASSEMBLY – 528840

Item	Part Number	Qty.	Description
1	110390	1	Key, Standard Tapered
2	165500	1	Pulley, 12 Groove
3	159070	1	Belt, 2/3VX670.6 Set of 6
4	354640	1	PTO Assembly, 1000 1-3/8 -21
5	529510	1	Jackshaft Assembly, 1000 26" Mill
6	005200	10	Washer, Flat 0.562 x 1.38 x 0.109 ZN
7	005360	12	Nut, Hex 1/2-13 GR5, ZN
8	005370	6	Washer, Lock 1/2" ZN
9	007080	2	Bolt, HHCS 1/2-13 x 2.50 GR5, ZN
10	529230	1	Idler, Roller 3.5 OD x 2.12 W x 0.75 Bore
11	E096046	4	Bolt, CRG 1/2-13 x 1.5 GR5, ZN
12	034360	1	Pin, Cotter 1/8 x 1.0
13	036480	1	Pin, 5/16 x 3.0 Clevis ZN
14	021530	1	Key, Sq 3/8 x 2
15	528960	1	Shield Wldt, Center Drive
16	JN10212	3	Screw, Flg 5/16-18 x 3/4 GR5, ZN
17	529240	1	Chain, Roller RC60-2 x 76 Pitch
-	163780	-	Chain, Connecting Link 60-2
18	013800	2	Bolt, HHCS 1/2-13 x 5.0 GR5, ZN
19	365270	1	Shield, Back
20	365820	1	Shield, Jackshaft 26" Mill
21	529260	1	Shield Assembly, Main
22	012140	4	Bolt, HHCS 5/16-18 x 0.75 GR5, ZN
23	012410	4	Bolt, CRG 5/16-18 x 0.75 GR5, ZN
24	020190	4	Nut, Hx Flg Lk 5/16-18 GR5, ZN
25	022920	8	Washer, Flat 0.38 x 0.88 x 0.083
26	023620	4	Washer, Lock 5/16" ZN
27	218120	1	Bolt, CRG 3/4-10 x 4 GR5, ZN
28	036750	1	Nut, Hex 3/4-10 ZN
29	I131017	4	Washer, Flat 3/4 SAE
30	036800	1	Washer, Lock 3/4" ZN
31	467450	1	Decal, Warning Moving Parts Hazard
32	384030	1	Decal, Danger 565 RPM
33	368350	1	Decal, Warning Flywheel Dr.
34	368040	1	Decal, Caution Safety Inst.
35	268860	-	Decal, Danger Rotating Driveline

JACKSHAFT ASSEMBLY, 540 RPM 26" – 529520

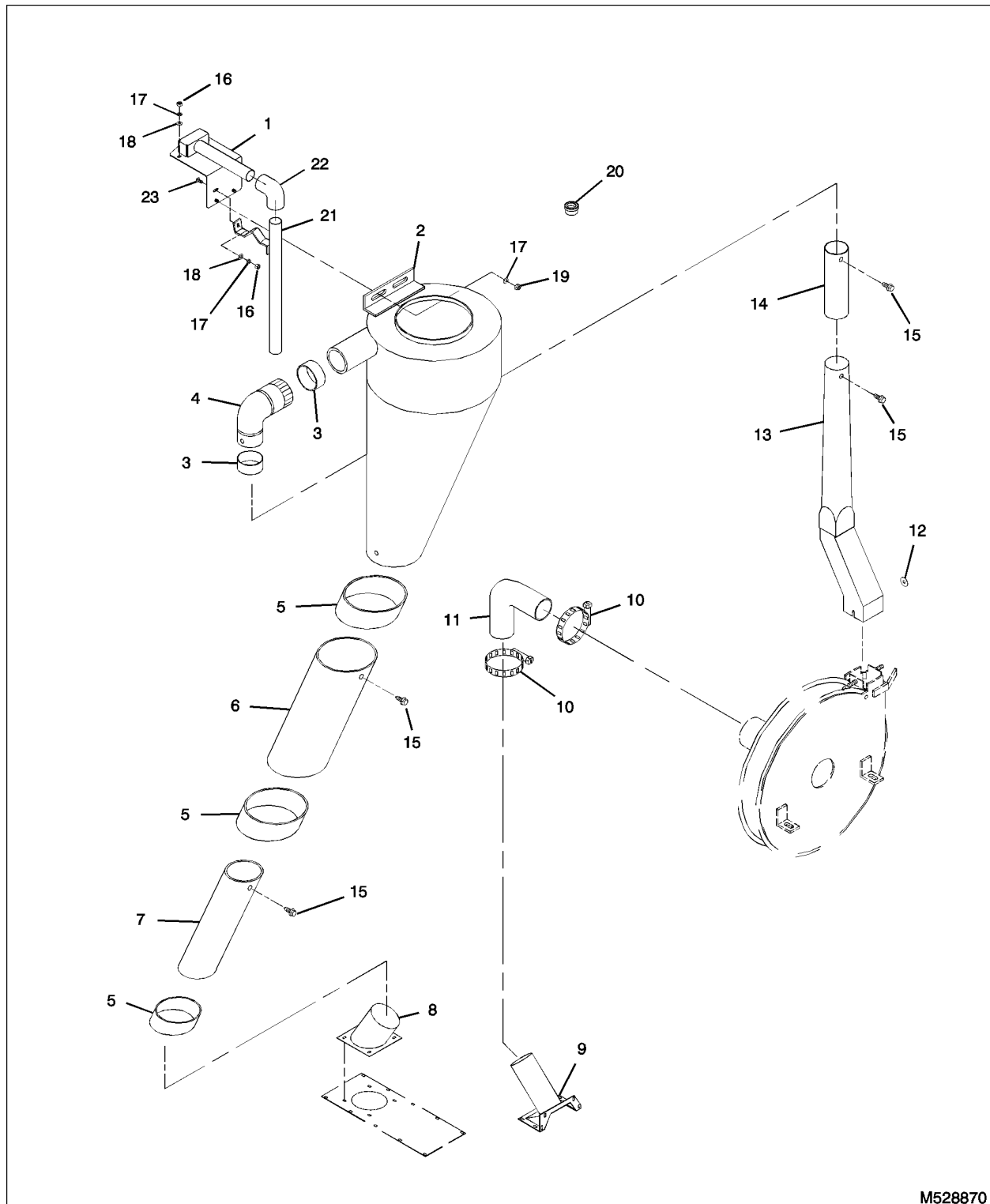
M529520

Item	Part Number	Qty.	Description
1	005200	4	Washer, Flat 0.562 x 1.38 x 0.109 ZN
2	005360	2	Nut, Hex 1/2-13 GR5, ZN
3	005370	2	Washer, Lock 1/2" ZN
4	007080	2	Bolt, HHCS 1/2-13 x 2.50 GR5, ZN
5	012550	1	Pin, Expansion 0.25 x 1.25
6	021530	1	Key, Par, 0.38" Sq x 2.0
7	013580	1	Spring, Compression Dr. Clutch
8	013670	1	Brg, 1.44 PB, CI HSG W/LC
9	013860	1	Clutch, A46 Casting 1-5/8
10	016750	1	Pulley, 22.6 12 Groove, Bal W/Brg
11	126940	4	Washer, Flat 1.65 x 2.0 x 0.134
12	151280	1	Key, Par, 0.38" Sq x 5.0
13	165480	1	Bearing, 1.62 SOD W/LC
14	529210	1	Sprocket, D60B26
15	204430	1	Grip, Handle, Red 0.12 x 1.0 x 1.0
16	241570	1	Pin Assembly, Locking
17	528990	1	Jackshaft, 26" HM 5165
18	470410	1	Support, Bearing
19	013930	2	Bearing, 1.62 Bore

JACKSHAFT ASSEMBLY, 1000 RPM 26" – 529510

M529510

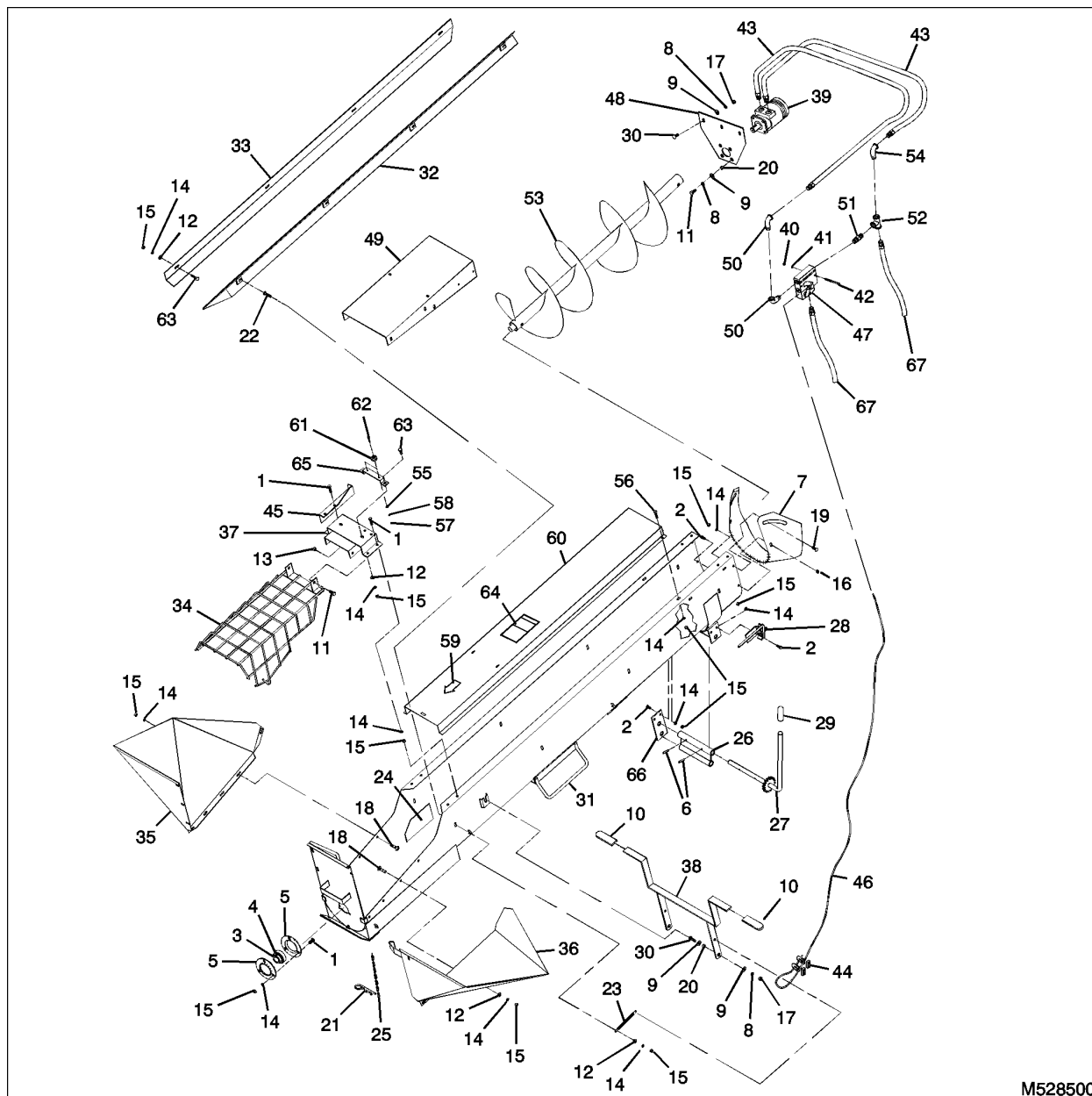
Item	Part Number	Qty.	Description
1	005200	4	Washer, Flat 0.562 x 1.38 x 0.109 ZN
2	005360	2	Nut, Hex 1/2-13 GR5, ZN
3	005370	2	Washer, Lock 1/2" ZN
4	007080	2	Bolt, HHCS 1/2-13 x 2.50 GR5, ZN
5	012550	1	Pin, Expansion 0.25 x 1.25
6	021530	1	Key, Par, 0.38" Sq x 2.0
7	013580	1	Spring, Compression Dr. Clutch
8	013670	1	Brg, 1.44 PB, CI HSG W/LC
9	013860	1	Clutch, A46 Casting 1-5/8
10	013870	1	Pulley, 12.3 12 Groove, Bal W/Brg
11	126940	4	Washer, Flat 1.65 x 2.0 x 0.134
12	151280	1	Key, Par, 0.38" Sq x 5.0
13	165480	1	Bearing, 1.62 SOD W/LC
14	529220	1	Sprocket, D60B14 1.44" Bore
15	205430	1	Grip, Handle, Red 0.12 x 1.0 x 1.0
16	241570	1	Pin Assembly, Locking
17	528990	1	Jackshaft, 26" HM 5165
18	470410	1	Support, Bearing
19	013930	2	Bearing, 1.62 Bore

AIR SYSTEM OFFSET 6" – 528870

M528870

AIR SYSTEM OFFSET 6" – 528870

Item	Part Number	Qty.	Description
1	529010	1	Bracket Wldt, Cyclone
2	366150	1	Collector Assembly, Dust
3	185880	3	Band, 4" Rubber
4	188390	1	Elbow, 4" 90 Deg Corrugated
5	254160	3	Band, 6" Rubber
6	165870	1	Coupler, Pipe
7	165440	1	Extension, Pipe Coupler
8	366160	1	Cover Weld
9	516150	1	Angle Weldment
10	205920	2	Clamp, Hose
11	205910	1	Elbow, Fan Inlet
12	168990	2	Washer, Flat 11/32 x 1.8 x 0.06
13	366090	1	Pipe Assembly, Vertical
14	366140	1	Tube, Extension
15	205940	15	Screw
16	027260	4	Nut, hex 3/8-16
17	021180	4	Washer, Lock 3/8
18	021190	6	Washer, Flat 3/8
19	020180	2	Nut, Lock 3/8-16
20	E276028	1	Cap, Pipe
21	529030	1	Tube & Brkt Weld
22	128500	1	Elbow, 90 Deg Hose 2"
23	170530	1	Bolt, Crg 3/8 x 1

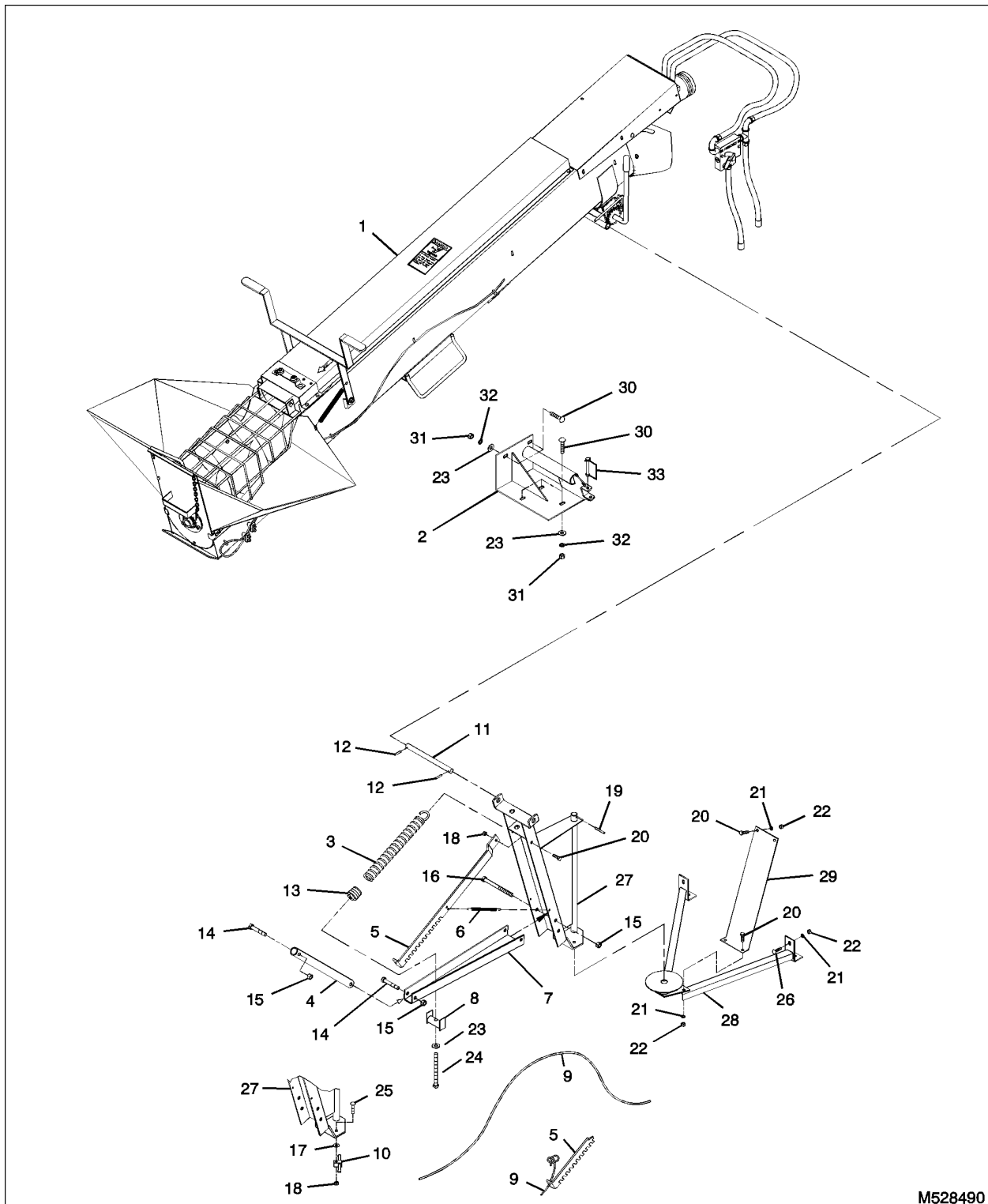
HYDRAULIC AUGER FEEDER ASSEMBLY – 528500

M528500

Item	Part Number	Qty.	Description
1	005900	7	Bolt, HHCS 5/16-18 x 1.0 GR5
2	012140	20	Bolt, HHCS 5/16-18 x 3/4
3	012300	1	Collar, Lock 1.0 ECC
4	012310	1	Bearing, Adapter 1.00 SOD
5	012330	2	Flangette, Brg 1.0 3-Hole
6	012550	2	Pin, Expansion 1/4 x 1.25
7	015060	1	Housing, Down Spout Auger
8	021180	9	Washer, Lock 3/8
9	021190	11	Washer, Flat 3/8 Std
10	021560	2	Grip, Clutch Handle
11	022420	6	Bolt, HHCS 3/8-16 x 3/4

HYDRAULIC AUGER FEEDER ASSEMBLY – 528500

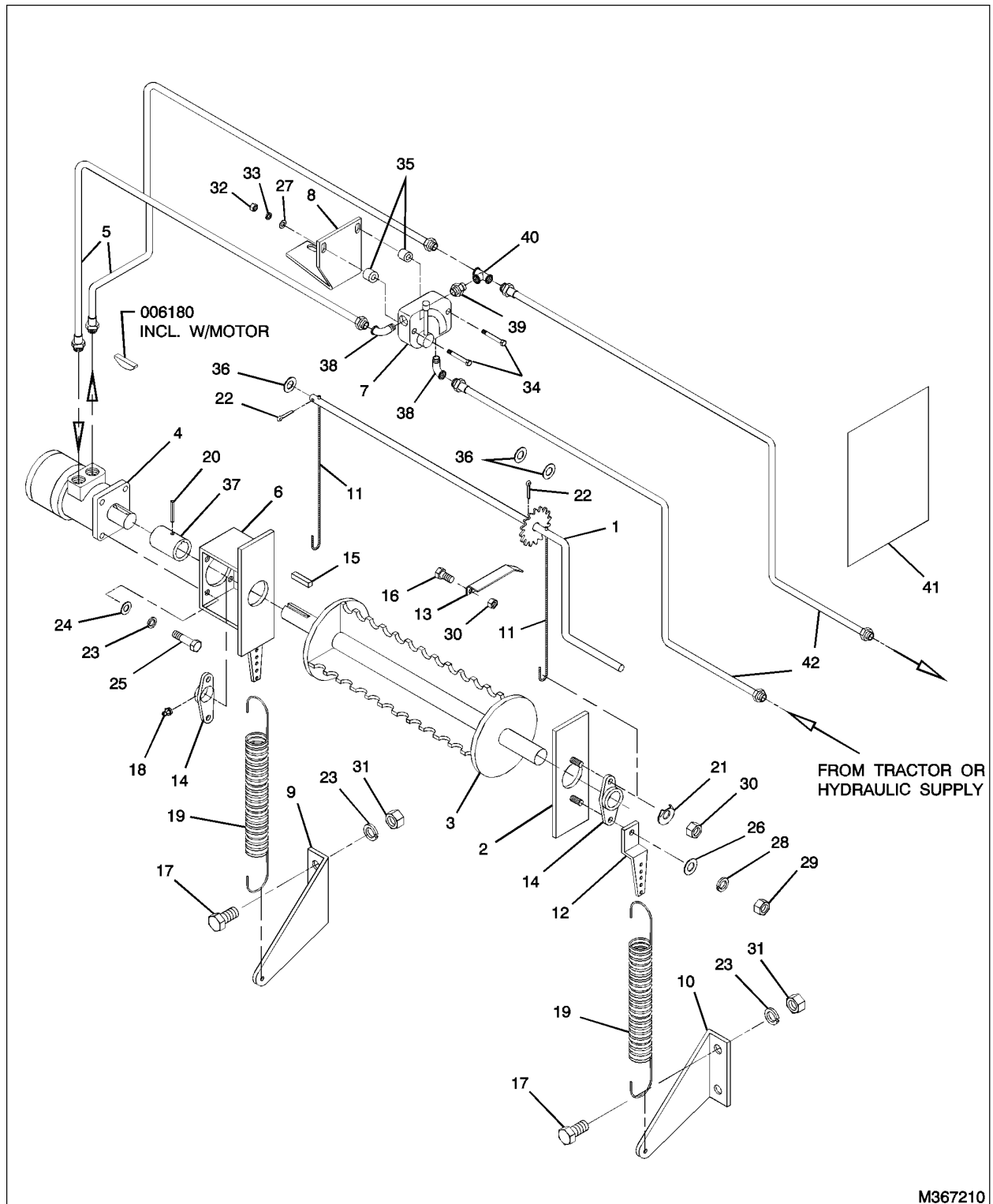
Item	Part Number	Qty.	Description
12	022920	30	Washer, Flat 5/16 Std
13	023060	2	Nut, Lock 3/8-16 Hex
14	023620	42	Washer, Lock 5/16
15	023630	48	Nut, Hex 5/16-18
16	025670	2	Nut Lock 5/16-18
17	027260	5	Nut, Hex 3/8-16
18	028230	5	Screw, THMS 5/16-18 x 3/4
19	033320	2	Bolt, Step 5/16-18 x 3/4
20	033460	6	Spacer, 0.375 x 0.281
21	035830	1	Pin, Bridge 3/16 Internal
22	049290	4	Bolt, Crg 5/16-18 x 1-1/4
23	100750	1	Spring, Ext. 0.438 x 5.75
24	123900	1	Seal, Drag Feeder Rubber
25	143700	1	Chain, Roller #16 Single
26	150810	1	Bracket Wldt, Extension
27	150820	1	Lever & Ratchet Wldt
28	150840	1	Stop & Holder Assembly
29	150940	1	Grip, Round Handle
30	170530	5	Bolt, Crg 3/8-16 x 1 SSN
31	528540	1	Housing Wldt, Auger Feeder
32	206770	1	Angle Wldt, RH A/F
33	206780	1	Angle, Left Side Drag
34	210440	1	Grate Wldt, Auger Feeder
35	210810	1	Hopper Wldt, Stationary
36	210830	1	Hopper Wldt, Folding A/F
37	210850	1	Channel Wldt, A/F Grate
38	528510	1	Handle Wldt, A/F Clutch
39	014280	1	Motor, Hdy 12CI Displace
40	027660	2	Nut, Hex 1/4-20
41	029440	2	Washer, Lock 1/4 SAE
42	031560	2	Bolt, HHCS 1/4-20 x 2-1/2
43	041740	2	Hose, Hyd 1/2 x 16 100R2
44	129260	1	Clip, 1/8" Malleable Wire
45	152310	1	Bracket, Lever Stop Hyd
46	159830	1	Cable, 1/8 OD x (7 x 9) x 80 OAL
47	161510	1	Valve Assembly, Hyd Flo Con.
48	164620	1	Plate, Hyd Motor Mount
49	164630	1	Plate Wldt, Hyd A/F Top
50	166230	2	Elbow, Hyd Stl 1/2NPTF 90 Deg.
51	166250	1	Fitting, Hyd Nipple 1/2NPT
52	166290	1	Adapter, Tee 1/2NPTF
53	206760	1	Auger Wldt, 10" LH Hyd
54	270620	1	Adapter, 1/2-14 45 Deg. Elbow
55	W144750056	2	Washer, Flat 7/32 SAE
56	006880	2	Bolt, HHCS 5/16-18 x 5/8
57	120590	2	Nut, Hex 10/24
58	120600	2	Washer, Lock #10
59	148260	1	Decal, Feeder Drive Stop
60	206790	1	Cover Wldt, Hyd A/F Upper
61	212510	2	Bumper, Rubber
62	991120	2	Screw, RHMS 10-24 x 3/4
63	254060	7	Bolt, Crg 5/16-18 x 1 SSN
64	383990	1	Decal, Danger A/F Hazard
65	529650	1	Strap, Rubber Bumper Mtg
66	529660	1	Plate, Transport Locking
67	164560	2	Hose, Hyd 1/2 x 120 100R2

AUGER FEEDER SUPPORT SYSTEM – 528490

M528490

AUGER FEEDER SUPPORT SYSTEM – 528490

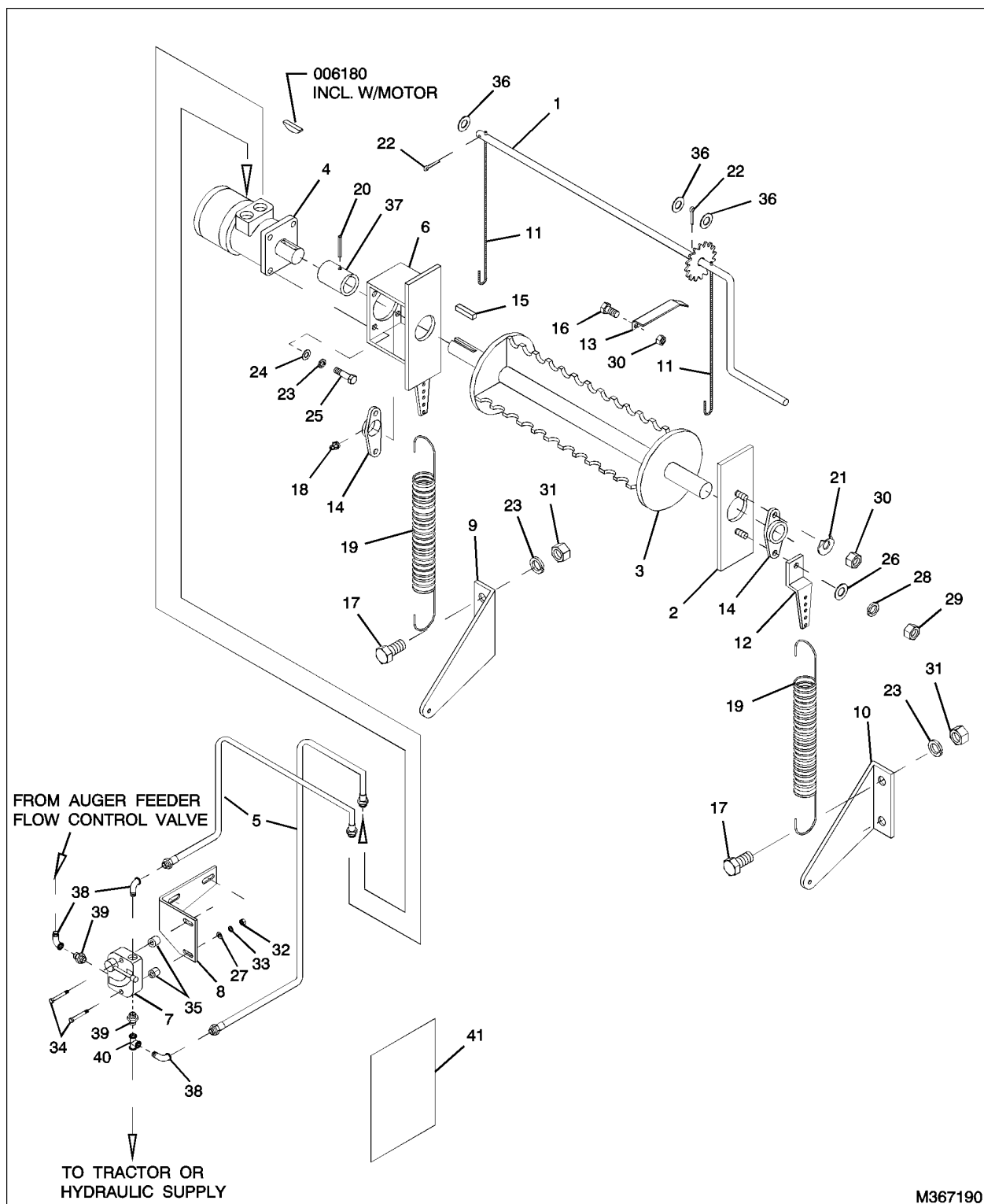
Item	Part Number	Qty.	Description
1	528500	1	Auger Feeder Assembly
2	528440	1	Mount Wldt, Drag
3	113470	1	Spring, 2" x 14"
4	131960	1	Link, Spring Assist Vertical
5	152880	1	Bar, Ratchet
6	100750	1	Spring, Extension
7	152870	1	Channel, Ratchet Lever Mtg.
8	161540	1	Pin Wldt, Pivot
9	211490	1	Rope, Polypropylene 102" Long
10	160560	1	Handle Assembly, Brake
11	015120	1	Pin, Drag
12	026630	2	Pin, Cotter 5/32 x 1.5 ZN
13	113490	1	Nut, Spring Retaining
14	007080	2	Bolt, HHCS 1/2-13 x 2.5 GR5, ZN
15	127890	3	Nut, Lock 1/2-13 FIN Hex GRA
16	160350	1	Bolt, HHCS 1/2-13 x 5.0 GR5, ZN
17	012270	1	Washer, Flat 0.406 x 1.75 x 0.134 PL
18	023060	2	Nut, Lock 3/8-16 FIN Hex GRA
19	013600	1	Pin, Expansion 1/4" Dia x 2.0"
20	012260	5	Bolt, HHCS 3/8-16 x 1.0 GR5, ZN
21	021180	10	Washer, Lock 3/8"
22	027260	10	Nut, Hex 3/8-16 GR5, ZN
23	005200	4	Washer, Flat 0.562 x 1.38 x 0.109
24	013800	1	Bolt, HHCS 1/2-13 x 5.0 GR5, ZN
25	012420	1	Bolt, CRG 3/8-16 x 1.5 Sq NK
26	032840	6	Bolt, CRG 1/2-13 x 1.25 SSN GR5
27	159810	1	Swivel Wldt, A/F Swivel
28	366470	1	Support Wldt, 26" Lower
29	528430	1	Strap, Rein. Mill To Swivel
30	E096046	3	Bolt, CRG 1/2-13 x 1-1/2
31	005360	3	Nut, Hex 1/2-13
32	005370	3	Washer, Lock 1/2
33	143710	1	Pin, Snapper 3/8 x 2-1/2

26" HYDRAULIC ROLL FEEDER – 367210*WITHOUT AUGER FEEDER*

M367210

26" HYDRAULIC ROLL FEEDER – 367210
WITHOUT AUGER FEEDER

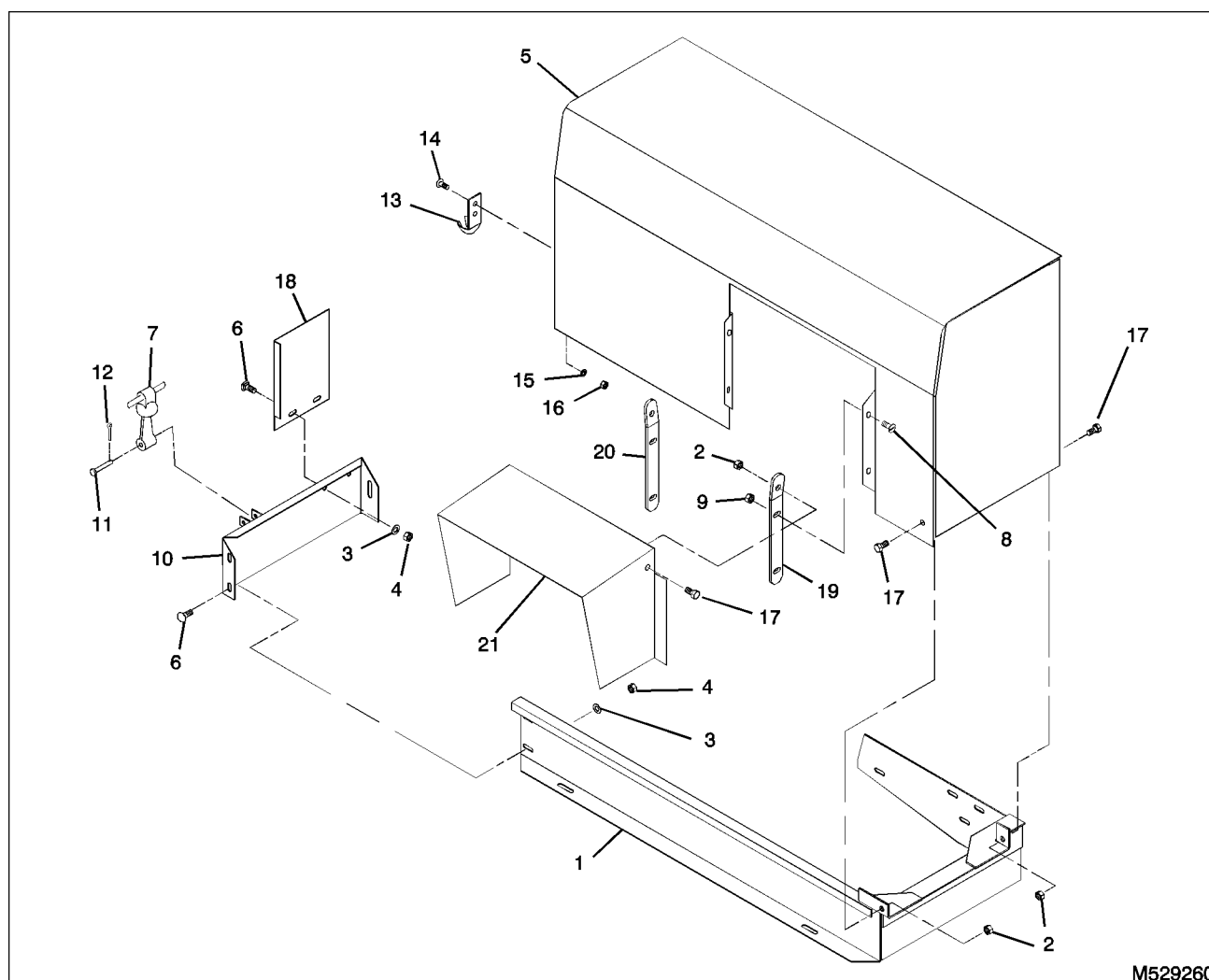
Item	Part Number	Qty.	Description
1	160120	1	Crank Assembly
2	013330	1	Plate, Sliding Roll
3	160110	1	Rotor Weld Assembly, R.F.
4	014280	1	Motor, Hyd 12 Cu. In.
5	046640	2	Hose Assembly, Hyd 1/2 NPT
6	160130	1	Motor Mount Weld
7	161510	1	Valve Assembly, Hyd Flow
8	213000	1	Bracket, Flow Control
9	366920	1	Bracket, Left Lower
10	366930	1	Bracket, Right Lower
11	007880	2	Cable, Roll Feed Adjust
12	007900	1	Bracket, Upper Spring
13	007930	1	Lock, Roll Feed Ratchet
14	011200	2	Bearing, Roll Feed
15	011530	1	Key, Par 1/4 Sq. x 1-1/4
16	012140	1	Bolt, HHCS 5/16-18 x 3/4
17	012260	4	Bolt, HHCS 3/8-16 x 1
18	013170	2	Zerk, 1/8 NPT SH. Grease
19	017200	2	Spring, Roll Feed
20	018920	1	Pin, Roll 1/4 x 1-3/4
21	019050	2	Washer, Special Lock
22	020700	2	Pin, Cotter 5/32 x 1
23	021180	8	Washer, Lock 3/8"
24	021190	8	Washer, Flat 3/8 Std.
25	022420	4	Bolt, HHCS 3/8-16 x 3/4
26	022920	4	Washer, Flat 5/16 Std.
27	023260	2	Washer, Flat 1/4 Std.
28	023620	4	Washer, Lock 5/16"
29	023630	4	Nut, Hex 5/16-18
30	025670	3	Nut, Hex Lock 5/16-18
31	027260	4	Nut, Hex 3/8-16
32	027660	2	Nut, Hex 1/4-20
33	029440	2	Washer, Lock 1/4"
34	031560	2	Bolt, HHCS 1/4-20 x 2-1/2
35	033460	2	Spacer, 0.375 I.D. X 0.28 Lg.
36	035210	4	Washer, Flat 5/8 SAE
37	160140	1	Collar, Shaft Coupler
38	166230	3	Elbow, Hyd STL 1/2"NPTF
39	166250	2	Fitting, Hyd Nipple
40	166290	1	Adapter, Tee
41	367230	1	Instructions, Hyd R.F.
42	164560	2	Hose Assembly, 1/2 x 120 NPT

26" HYDRAULIC ROLL FEEDER – 367190*WITH AUGER FEEDER*

M367190

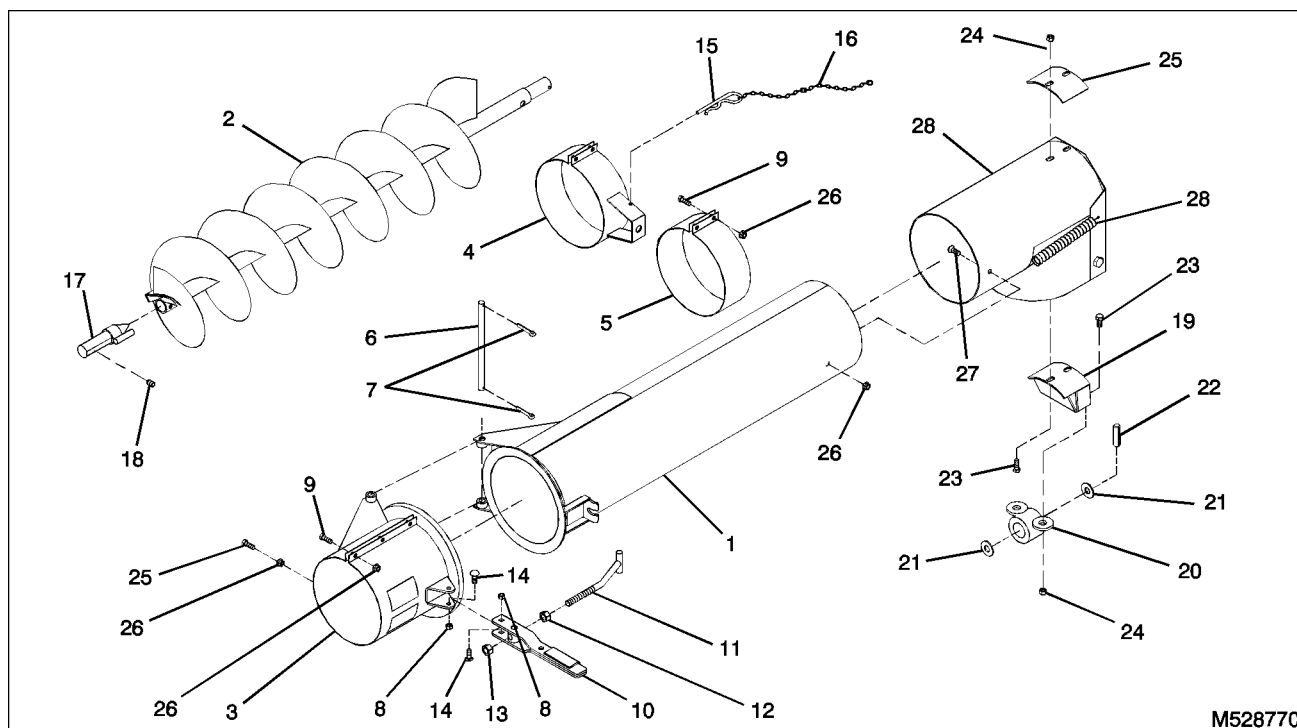
26" HYDRAULIC ROLL FEEDER – 367190
WITH AUGER FEEDER

Item	Part Number	Qty.	Description
1	160120	1	Crank Assembly
2	013330	1	Plate, Sliding Roll
3	160110	1	Rotor Weld Assembly, R.F.
4	014280	1	Motor, Hyd 12 Cu. In.
5	023170	2	Hose Assembly, Hyd 1/2 NPT
6	160130	1	Motor Mount Weld
7	161510	1	Valve Assembly, Hyd Flow
8	212660	1	Bracket, Flow Control
9	366920	1	Bracket, Left Lower
10	366930	1	Bracket, Right Lower
11	007880	2	Cable, Roll Feed Adjust
12	007900	1	Bracket, Upper Spring
13	007930	1	Lock, Roll Feed Ratchet
14	011200	2	Bearing, Roll Feed
15	011530	1	Key, Par 1/4 Sq. x 1-1/4
16	012140	1	Bolt, HHCS 5/16-18 x 3/4
17	012260	4	Bolt, HHCS 3/8-16 x 1
18	013170	2	Zerk, 1/8 NPT SH. Grease
19	017200	2	Spring, Roll Feed
20	018920	1	Pin, Roll 1/4 x 1-3/4
21	019050	2	Washer, Special Lock
22	020700	2	Pin, Cotter 5/32 x 1
23	021180	8	Washer, Lock 3/8"
24	021190	8	Washer, Flat 3/8 Std.
25	022420	4	Bolt, HHCS 3/8-16 x 3/4
26	022920	4	Washer, Flat 5/16 Std.
27	023260	2	Washer, Flat 1/4 Std.
28	023620	4	Washer, Lock 5/16"
29	023630	4	Nut, Hex 5/16-18
30	025670	3	Nut, Hex Lock 5/16-18
31	027260	4	Nut, Hex 3/8-16
32	027660	2	Nut, Hex 1/4-20
33	029440	2	Washer, Lock 1/4"
34	031560	2	Bolt, HHCS 1/4-20 x 2-1/2
35	033460	2	Spacer, 0.375 I.D. X 0.28 Lg.
36	035210	4	Washer, Flat 5/8 SAE
37	160140	1	Collar, Shaft Coupler
38	166230	3	Elbow, Hyd STL 1/2"NPTF
39	166250	2	Fitting, Hyd Nipple
40	166290	1	Adapter, Tee
41	367230	1	Instructions, Hyd R.F.

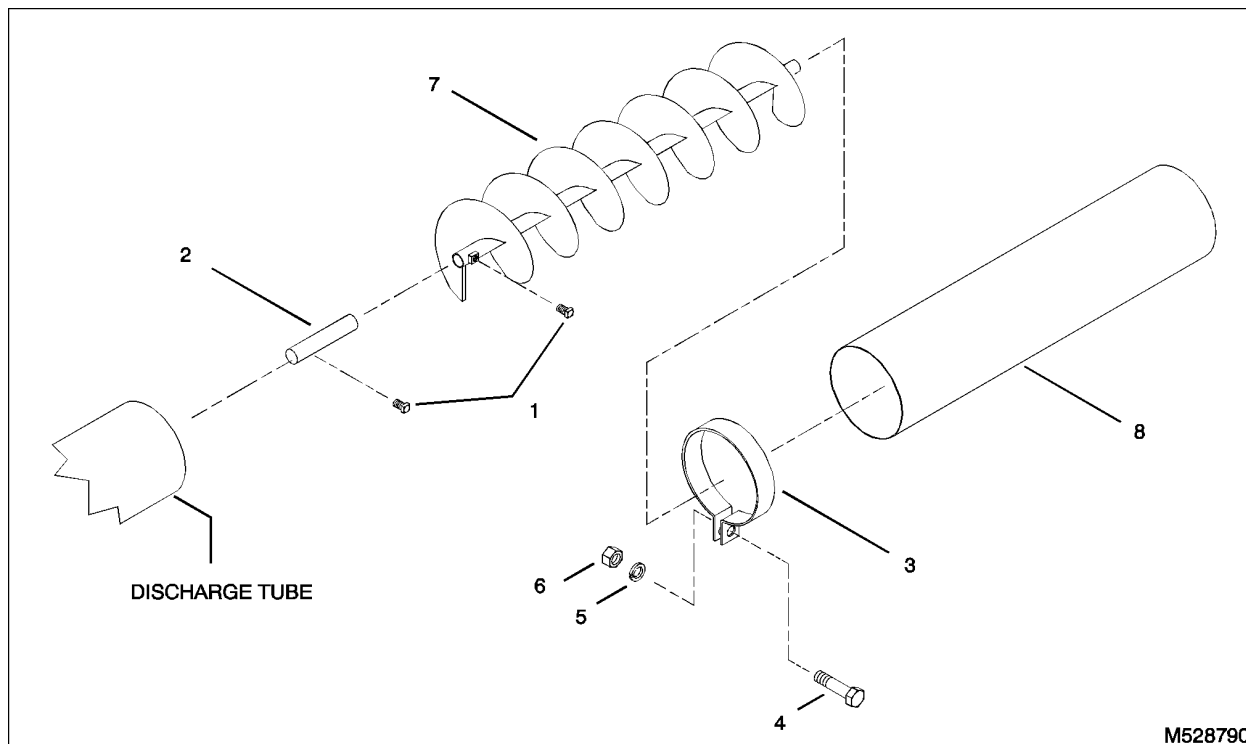
MAIN SHIELD ASSEMBLY

M529260

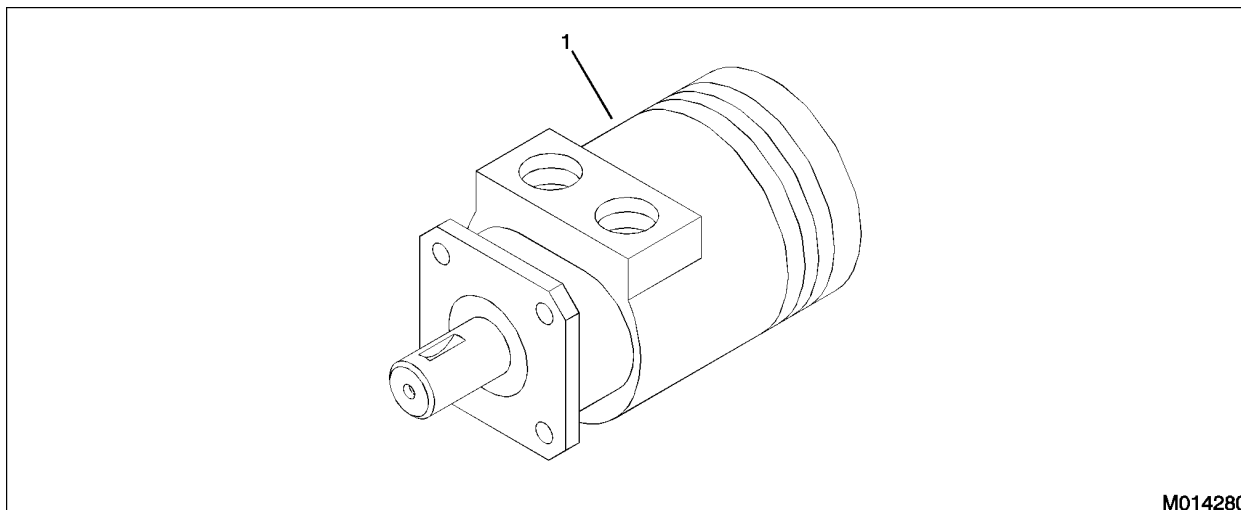
Item	Part Number	Qty.	Description
1	529270	1	Base Wldt, Main Shield
2	023060	4	Nut, Lock 3/8-16
3	022920	8	Washer, Flat 5/16
4	020190	8	Nut, Lock 5/16-18
5	365800	1	Shield Wldt, Main
6	012410	8	Bolt, CRG 5/16-18 x 3/4
7	205650	1	Hook, Rubber
8	021240	4	Screw, TR HD 1/4-20 x 1/2
9	023270	4	Nut, Lock 1/4-20
10	529300	1	Base Wldt, Right
11	215800	1	Pin, Clevis 1/4 x 1-5/8
12	116820	1	Pin, Cotter 1/16 x 3/4
13	E104310	1	Bracket, Hook
14	376930	2	Screw, RH HD #10 x 3/8
15	120600	2	Washer, Lock #10
16	J14H631	2	Nut, Hex #10-32
17	012260	4	Bolt, HHCS 3/8-16 x 1
18	529320	1	Filler, Shield
19	387050	1	Strap, Left
20	387060	1	Strap, Right
21	387040	1	Eyebrow

FOLDING DISCHARGE AUGER EXTENSION 3' & 6' – 528770

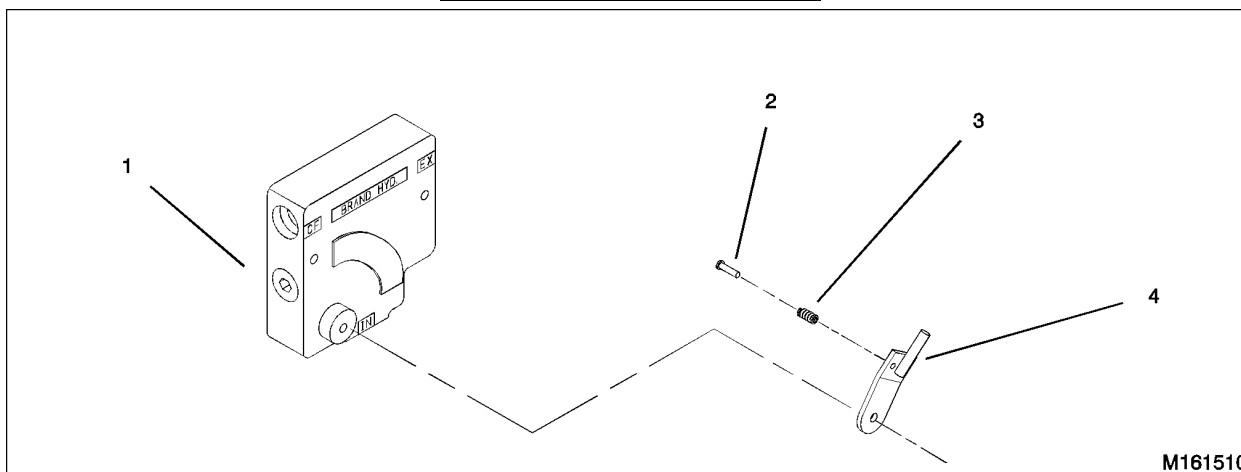
Item	Part Number	Qty.	Description
1	152150	1	3 Foot Extension Tube
	152160	1	6 Foot Extension Tube
2	528880	1	Auger Wldt, Tilted 3' Extension
	528900	1	Auger Wldt, Tilted 6' Extension
3	134250	1	Pivot Weld, Clamp-On
-	144650	2	Decal-Auger Engagement
4	134240	1	Clamp Band With Strap
5	134290	1	Clamp Band With Pin
6	144640	1	Pivot Pin
7	034360	2	Cotter Pin, 1/8 Dia x 1
8	025670	2	Nut, Hex Lock, 5/16 NC
9	030030	7	Bolt, Hex Hd, 5/16 NC x 1-1/4
10	127830	1	Locking Handle and Pivot Assembly
11	144270	1	T-Bar Handle
12	005360	1	Nut, Hex, 1/2 NC
13	127890	1	Nut, Hex Lock, 1/2 NC
14	012410	2	Bolt, Carriage, 5/16 NC x 3/4
15	035830	1	Hairpin, Cotter, 3/16 Dia. X 3
16	143700	1	Chain, 8" Long
17	171160	1	Pivot Drive Weld
18	008780	1	Set Screw, Sq. Hd., 7/16 NC x 3/4
19	134320	1	Hanger Weld, Bearing
20	134310	1	Bearing, Pillow Block, Wood 1-1/8
21	020650	4	Washer, Flat 1-1/8 I.D.
22	013600	1	Pin, Roll 1/4 Dia. X 2
23	022420	4	Bolt, Hex Hd., 3/8 NC x 3/4
24	020180	4	Nut, Flange Lock, 3/8 NC
25	152200	1	Plate, Bearing Mount
26	020190	11	Nut, Flange Lock, 5/16 NC
27	028230	4	Machine Screw, Truss Hd., 5/16 NC x 3/4
28	152100	1	Hood Assembly, Discharge Auger
	528770		3 Foot Folding Discharge Auger (Item 28 Not Included)
	528780		6 Foot Folding Discharge Auger (Item 28 Not Included)

BOLT-ON DISCHARGE AUGER EXTENSION 3' & 6' – 528790

Item	Part Number	Qty.	Description
1	008780	-	Set Screw, 7/16 x 3/4 Sq. Hd.
2	041130	1	Shaft, 1.1 x 8
3	041140	1	Band, Clamping
4	006690	-	Bolt, 3/8 x 1-1/4 HHCS
5	021180	-	Washer, 3/8 Lock
6	027260	-	Nut, 3/8 Hex
7	528920	-	Auger, 3' Extension
	528940	-	Auger, 6' Extension
8	041040	-	Tube, 3' Extension
	041070	-	Tube, 6' Extension
-	528790	-	Kit, 3' Bolt-On Extension, Titled Flighting
-	528800	-	Kit, 6' Bolt-On Extension, Titled Flighting

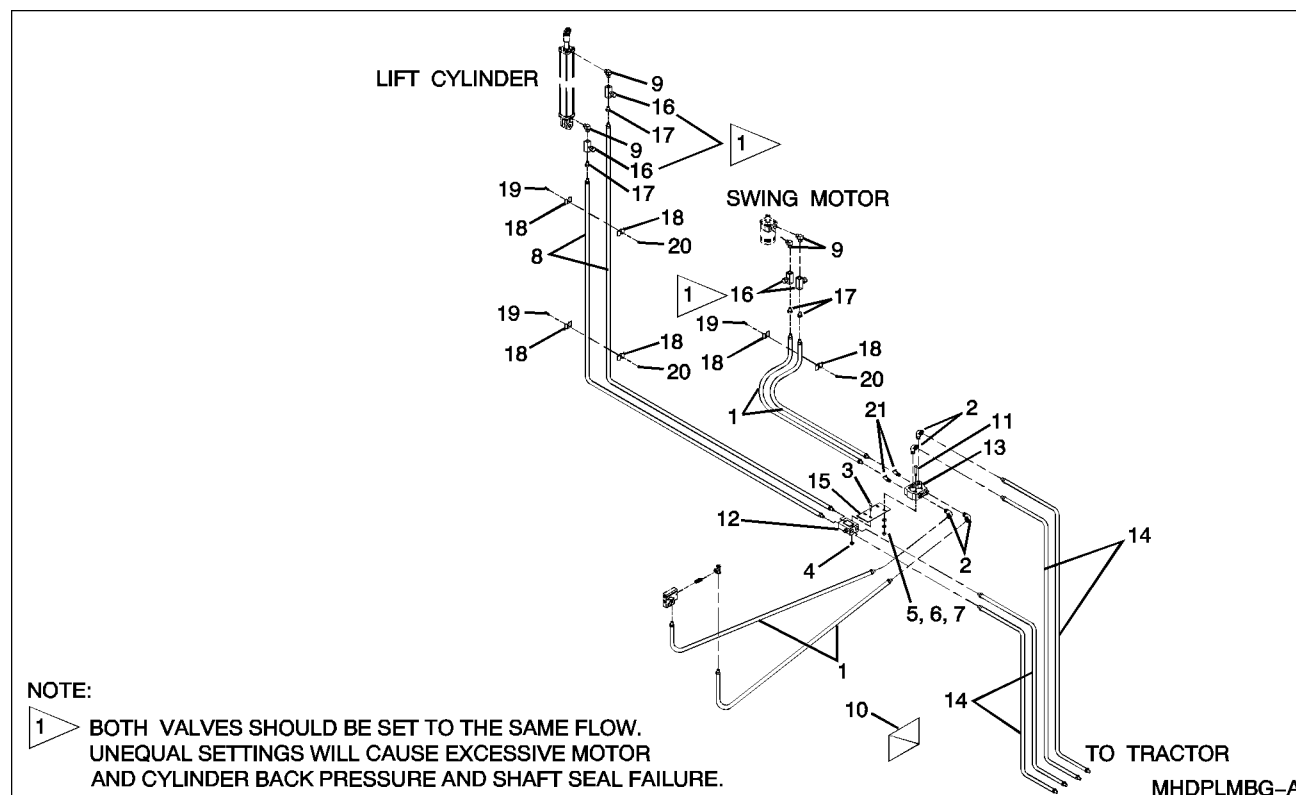
HYDRAULIC MOTOR KITS – 014280

Item	Part Number	Qty.	Description
1	014280	-	Motor, Hydraulic (Lift And Auger Feeder)
1	111090	-	Motor, Hydraulic (Swing)
	243040	-	Seal Kit, Ross TRW (014280 And 111090) – Series Mg #SK000090

VALVE ASSEMBLY – 161510

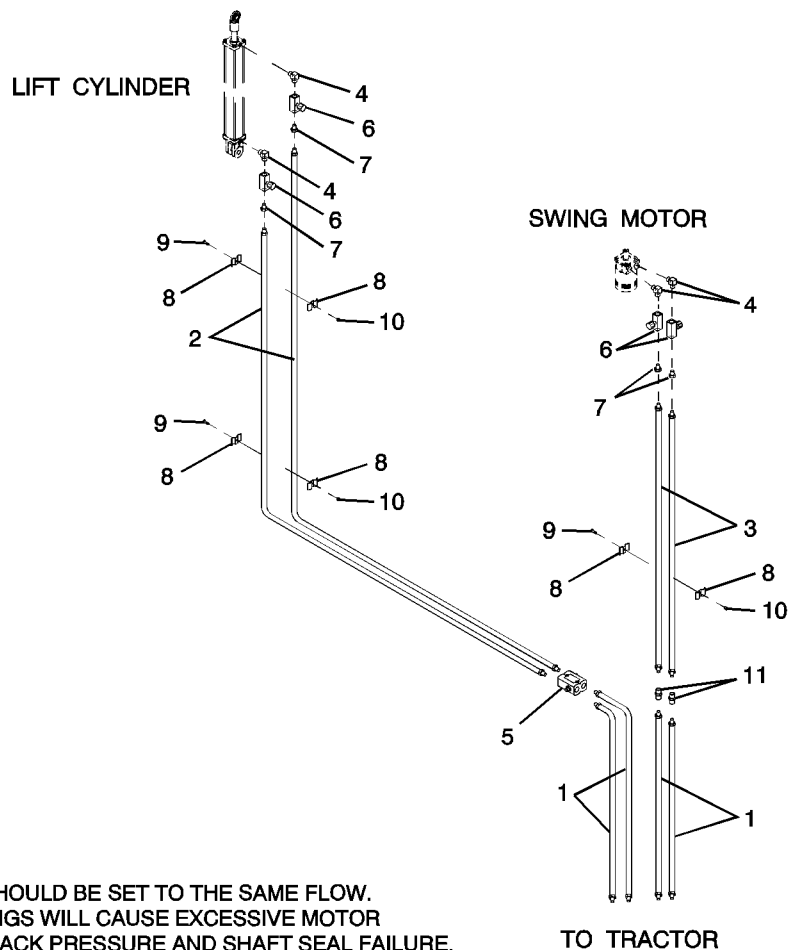
Item	Part Number	Qty.	Description
1	006301	1	Valve, Flow Control W/O Handle
2	012172	2	Pin, Clevis 3/8 x 1
3	042390	2	Spring, 0.415 x 0.50 x 1.045 ZN
4	161500	1	Lever Weldment, Hyd. Control

HYDRAULIC PLUMBING
LIFT & SWING WITH HYDRAULIC AUGER FEEDER



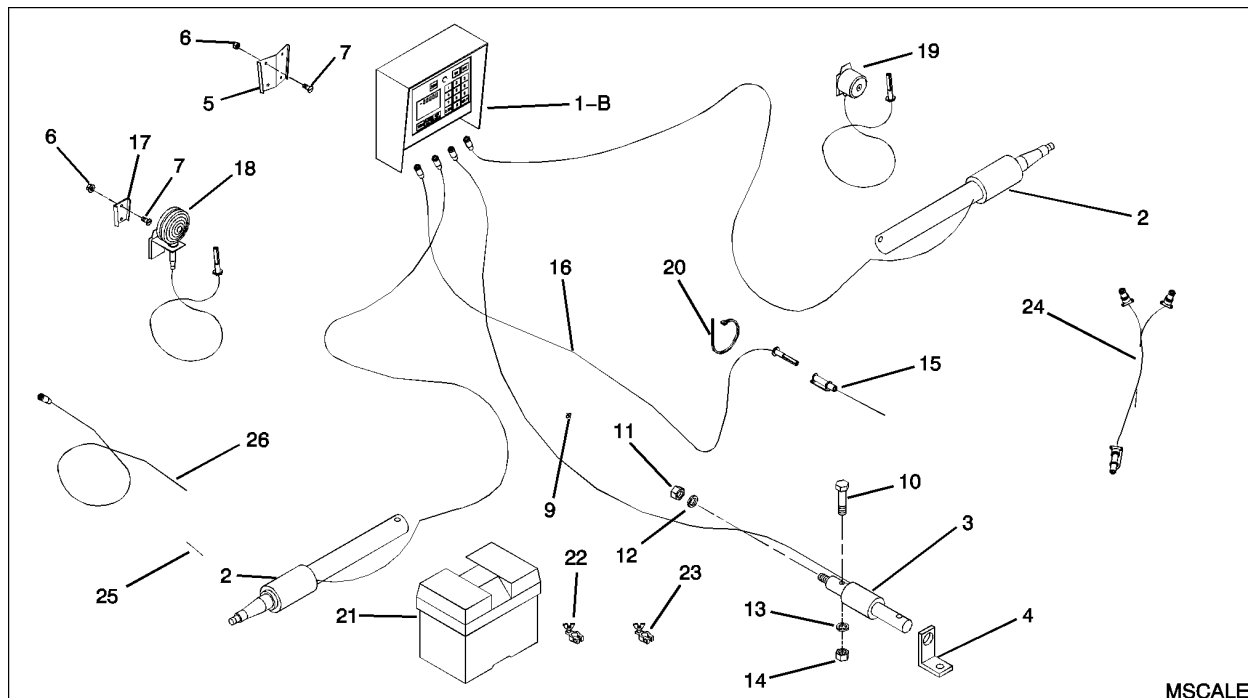
Item	Part Number	Qty.	Description
1	164560	4	Hose, Hydraulic 100R2 1/2" x 120" SAE
2	166230	4	Elbow, Street 1/2" x 90 Deg. NPTF
3	012260	-	Bolt, HHCS 3/8"-16 x 1"
4	020180	-	Nut, Lock 3/8"-16 Hex Flange
5	022920	-	Washer, Flat 3/8" Standard
6	023620	-	Washer, Lock 5/16"
7	023630	-	Nut, Hex 5/16"-18
8	166150	2	Hose, Hydraulic 100R2 1/2" x 168" SAE
9	274460	4	Elbow, Street 1/2" x 3/8" x 90 Deg. NPTF
10	159460	1	Decal, Valve Direction
11	160230	-	Bolt, HHCS 5/16"-18 x 3"
12	163280	1	Valve, Dual Relief 800 PSI
13	163290	1	Valve, Double Selector
	248060	-	Valve Kit, Handle
	277270	-	Valve Kit, Seal
14	014250	4	Hose, Hydraulic 100R2 1/2" x 144" SAE
15	528390	1	Bracket, Hyd Valve
16	212490	4	Valve, Flow Control (See Note)
17	502570	4	Bushing, Reducer 1/2" x 3/8"
18	413050	6	Clamps, Hoses
19	035180	-	Bolt, CRG 3/8"-16 x 1-1/4"
20	027260	-	Nut, Hex 3/8"-16
21	270620	2	Adapter, 1/2-14 45° Steel Street Elbow

HYDRAULIC PLUMBING
LIFT & SWING WITHOUT HYDRAULIC AUGER FEEDER



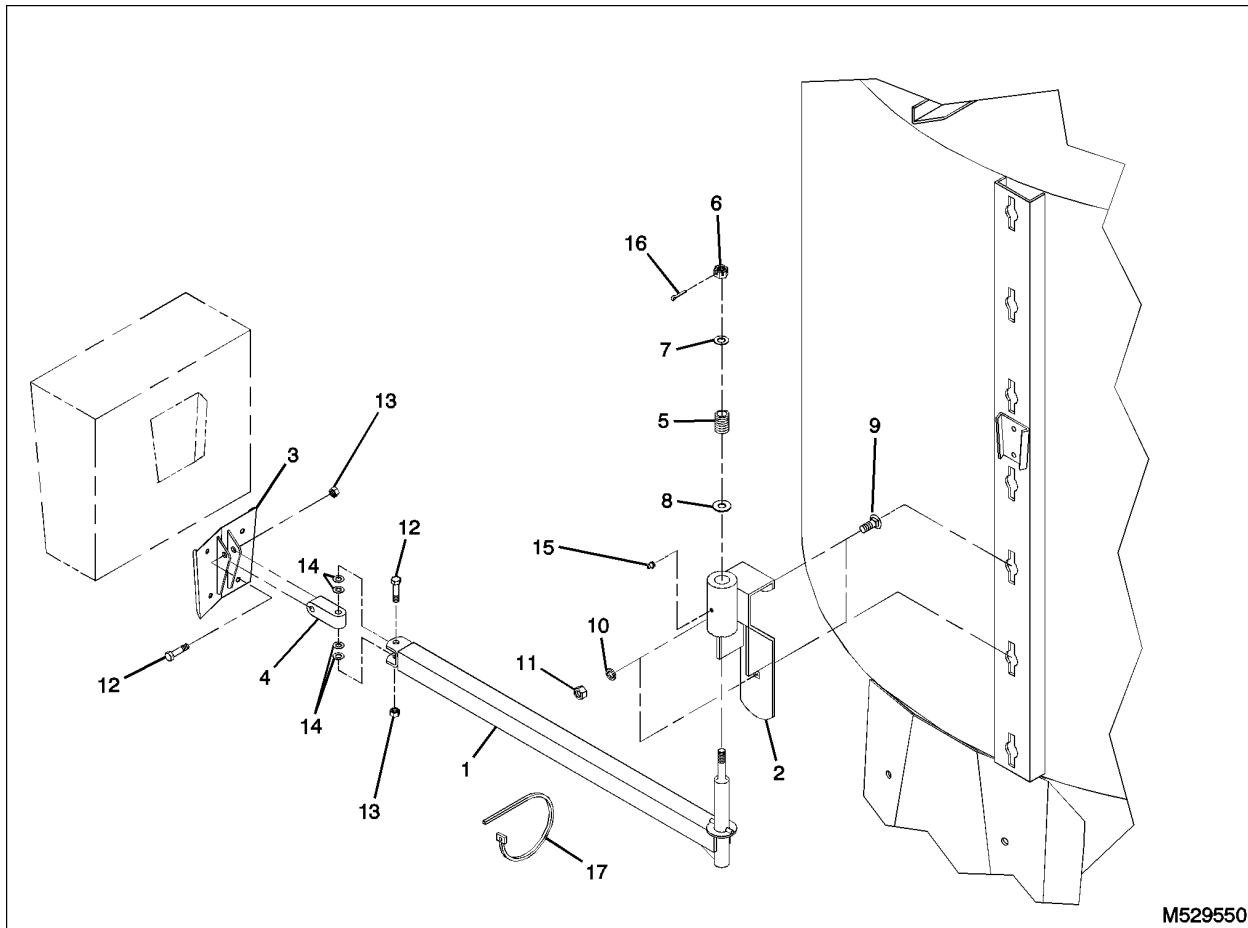
MHDPLMBG-B

Item	Part Number	Qty.	Description
1	014250	4	Hose, Hydraulic 100R2 1/2" x 144" SAE
2	166150	2	Hose, Hydraulic 100R2 1/2" x 168" SAE
3	164560	2	Hose, Hydraulic 100R2 1/2" x 120" SAE
4	274460	4	Elbow, Street 1/2" x 3/8" x 90 Deg. NPTF
5	163280	1	Valve, Dual Relief 800 PSI
6	212490	4	Valve, Flow Control (See Note)
7	502570	4	Bushing, Reducer 1/2" x 3/8"
8	413050	6	Clamps, Hoses
9	035180	-	Bolt, CRG 3/8"-16 x 1-1/4"
10	027260	-	Nut, Hex 3/8"-16
11	133460	2	Adapter, Coupler FM 1/2-14 NPTF

ELECTRONIC SCALE ASSEMBLY

MSCALE

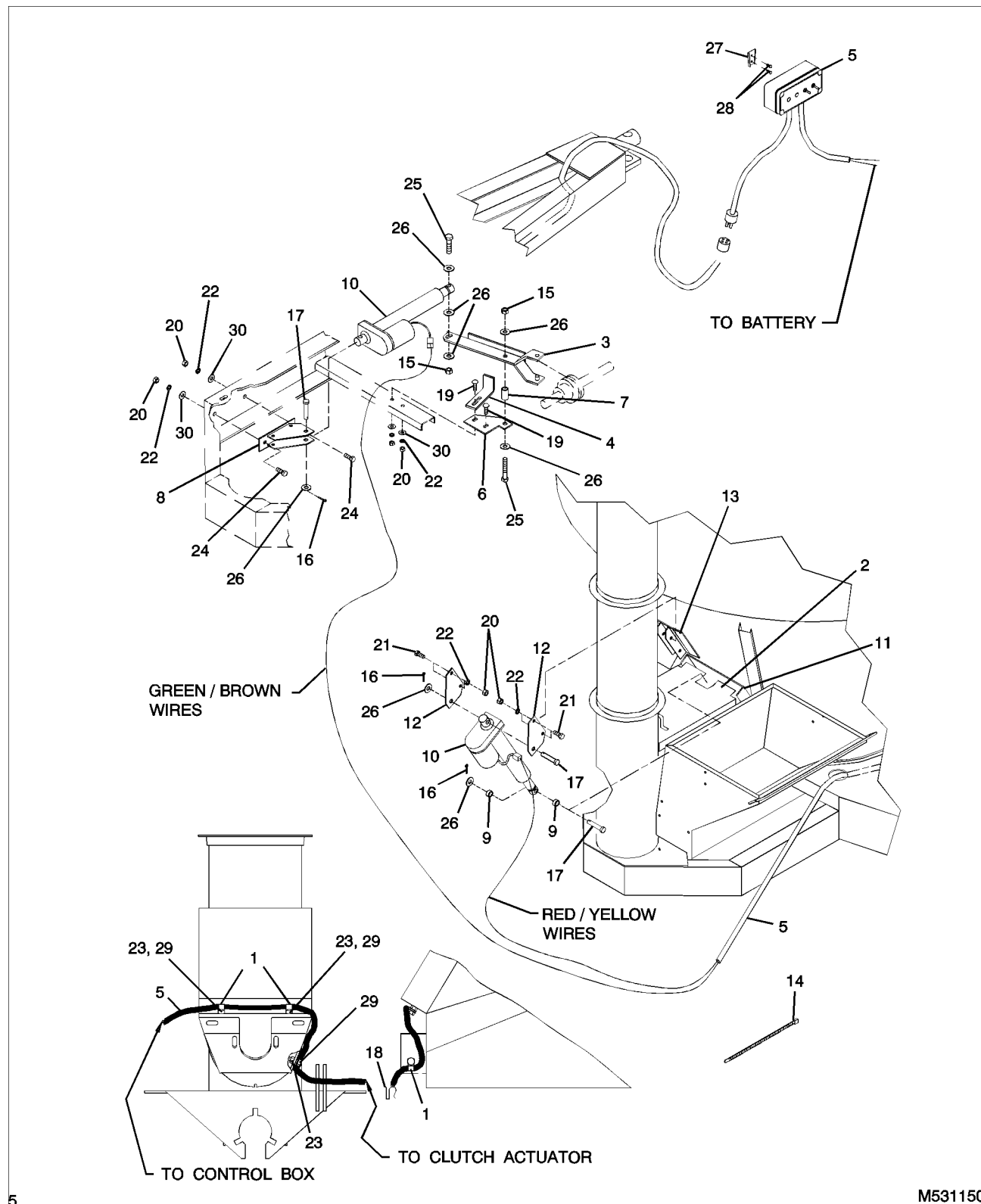
Item	Part Number	Qty.	Description
1-A	4243701	1	Indicator, Model 615 -3 Connector/5 Pin Plug
1-B	4243801	1	Indicator, Model 715 -3 Connector/5 Pin Plug (Shown)
1-C	4243901	1	Indicator, Model 1015 -3 Connector/5 Pin Plug
2	040611	2	Spindle, Weigh Bar 5-Pin
3	219870	1	Hitch, Weigh Bar 5-Pin
4	036740	1	Clevis, Hitch 1-7/8"
5	036670	1	Bracket, Indicator
6	023270	-	Nut, Lock 1/4"-20 Hex Flange
7	021240	-	Screw, Truss Head 1/4"-20 x 1/2"
8	219880	1	Plug, 5-Pin Plug (For Four Connector Indicators Only)
9	036890	3	Clip, Spring
10	990960	-	Bolt, HHCS 3/4"-10 x 4-1/2"
11	147310	-	Nut, Hex 1"-8 Grade 2
12	003350	-	Washer, Lock 1" Split
13	036800	-	Washer, Lock 3/4" Split
14	036750	-	Nut, Hex 3/4"-10 Grade 2
15	036780	-	Connector, Power Cord (Female)
16	147060	-	Cord, 23' Digital Power
17	039261	-	Bracket
18	111900	-	Light, Warning Digital
19	111880	-	Horn, Digital Warning
20	149670	-	Tie, Nylon Cable 3/16" x 11"
21	039690	-	Box, Battery
22	135440	-	Clamp, Positive Battery
23	135450	-	Clamp, Negative Battery
24	199090	-	Adapter, Dual
25	1727206	-	Splice Kit, Weigh Bar Cord
26	253210	-	Pigtail, 5-Pin With B-Connector With 1' Cord
26	253211	-	Pigtail, 5-Pin With B-Connector With 10' Cord
26	253212	-	Pigtail, 5-Pin With B-Connector With 20' Cord

SCALE ARM ASSEMBLY – 529550

M529550

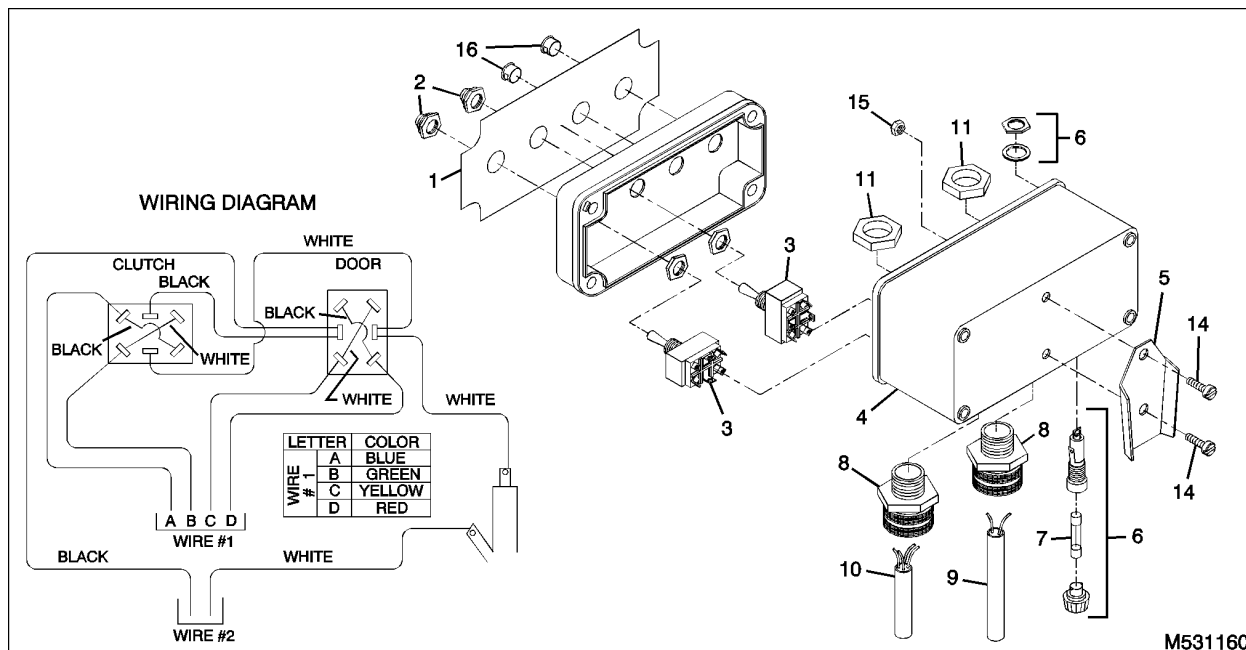
Item	Part Number	Qty.	Description
1	529560	1	Arm Wldt, Scale Pivot
2	529600	1	Bracket Wldt, Scale Pivot Mount
3	529630	1	Bracket, Wldt Scale Mtg
4	400800	1	Block, Pivot
5	342890	1	Spring, Compression 1 x 1.75
6	215160	1	Nut, Hex Slotted 1/2-20
7	I120396	1	Washer, Flat 1/2 SAE
8	005200	1	Washer, Flat 1/2 Std ZN
9	E096046	2	Bolt, CRG 1/2-13 x 1-1/2
10	005370	2	Washer, Lock 1/2
11	005360	2	Nut, Hex 1/2-13
12	037790	2	Bolt, HHCS 3/8-16 x 2 GR5
13	023060	2	Nut, Lock 3/8 Hex 2-Way
14	I120394	4	Washer, Flat 3/8 SAE
15	115590	1	Zerk, 1/4-28 Taper Drive
16	020700	1	Pin, Cotter 5/32 x 1
17	149670	6	Tie, Nylon Cable 3/16 x 11

ELECTRIC ACTUATOR ELECTRIC PACKAGE FOR NON-SELF CONTAINED HYDRAULIC MIXER –
531150

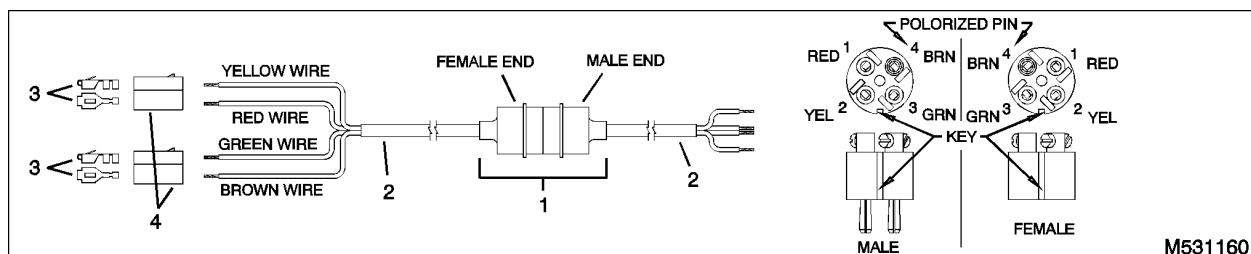


ELECTRIC ACTUATOR ELECTRIC PACKAGE FOR NON-SELF CONTAINED HYDRAULIC MIXER –
531150

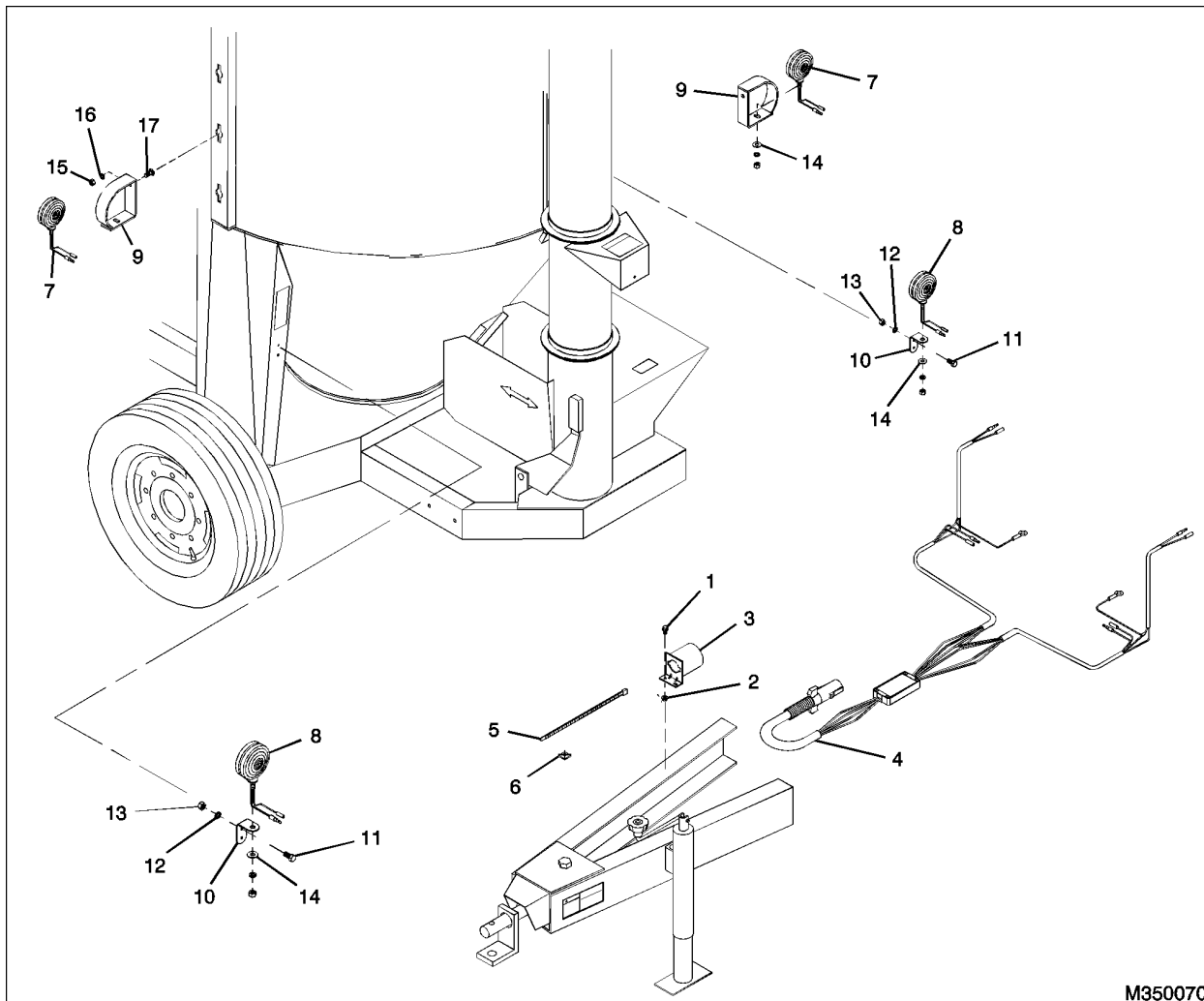
Item	Part Number	Qty.	Description
1	E180006	3	Clamp, 0.032 GA, 3/8"
2	277560	1	Cover Wldt, Back Hppr
3	274260	1	Clutch Arm Assembly
4	274250	1	Stop, Clutch Actuator
5	531160	1	Remote Control
6	271270	1	Plate, Clutch Mounting
7	271260	1	Spacer, Clutch Arm
8	271210	1	Bracket, Clutch Act Mount
9	208560	2	Bushing, Discharge Door
10	208550	2	Actuator, Elecrome CH
11	208530	1	Door Wldt, Discharge
12	208520	2	Plate
13	208490	1	Bracket Wldt, Anchor
14	149670	10	Tie, Nylon Cable
15	127890	2	Nut, 1/2-13 Hx Lck, Disthd
16	124350	3	Pin, Cotter 1/8 x 1-1/2
17	1030718	3	Pin, 1/2 x 2-1/2 Clevis
18	036890	1	Clip, Spring
19	035180	2	Bolt, CRG 3/8-16 x 1-1/4 SSN
20	027260	8	Nut, Hex 3/8
21	022420	4	Bolt, HHCS 3/8-16 x 3/4
22	021180	8	Washer, Lock 3/8
23	020190	3	Nut, Lock 5/16-18 Hx Flg
24	170530	2	Bolt, CRG 3/8-16 x 1
25	007080	2	Bolt, HHCS 1/2-13 x 2-1/2
26	005200	8	Washer, Flat 0.56 x 1.38 x 0.109
27	039261	1	Bracket, Mounting
28	R66468	2	Screw, HWHTS 1/4-14 x 1
29	JN10212	3	Screw, 5/16-18 x 3/4 Hx Flg
30	I120394	4	Washer, Flat 0.406 x 0.81 x 0.051
31	181910	1	Bag, Burlap 12 x 18

CONTROL BOX & WIRE HARNESS ASSEMBLIES – 531160

Item	Part Number	Qty.	Description
1	274090	1	Decal, Face Plate
2	212470	2	Switch Seal
3	209590	2	Switch, Toggle Momentary DPDT
4	274080	1	Enclosure, Remote Self Cont. GM
5	346690	1	Mtg Bracket
6	W154550016	1	Fuse Holder
7	E292002	1	Fuse
8	346750	2	Conn. Cord 0.25 – 0.31
9	486680	6	Wire, 14/2 GPT / 300V NEO b/w
10	531170	1	Core, Control Remote Box
11	209210	2	Locknut, 1/2 Conduit
12	962680	1	Wire, 16 Ga. White
13	962690	1	Wire, 16 Ga. Black
14	021240	2	Screw, 1/4-20 x 1/2 TH HD
15	023270	2	Nut, Lock 1/4" Hex Flg
16	343340	2	Plug, Dome Plastic

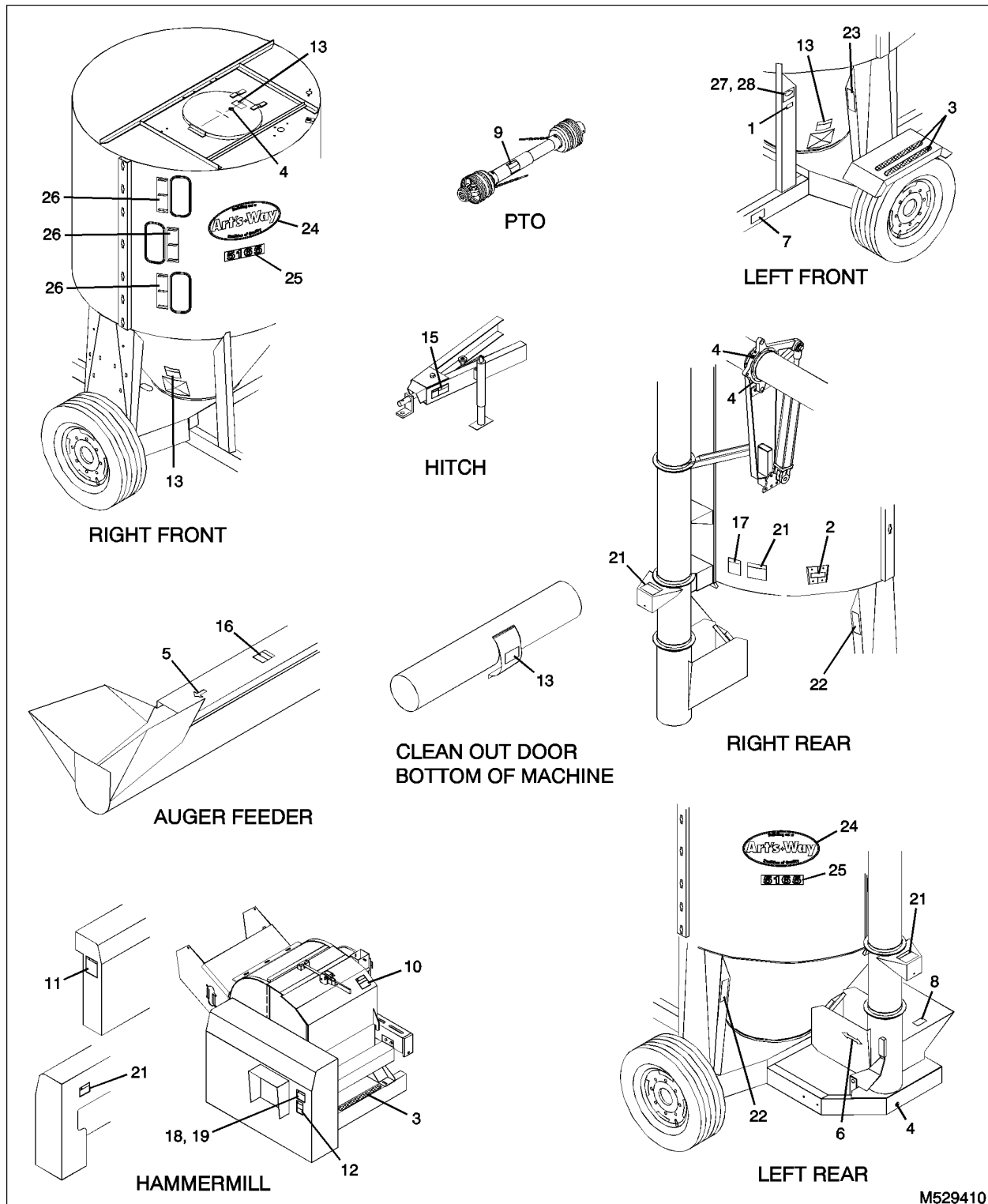


Item	Part Number	Qty.	Description
1	447490	1	Connector, 4-Way
2	961800	30'	Wire, 16/4 Trailer W/SAE
3	E192016	4	Terminal, Male 14/16 Ga.
4	E376001	2	Insulator, Connector Male

HIGHWAY LIGHT KIT – 350070

M350070

Item	Part Number	Qty.	Description
1	J37H3	2	Screw, HWHMS 1/4-20 x 5/8
2	027660	2	Nut, Hex 1/4-20
3	JPT1296	1	Bracket, Plug Storing
4	486710	1	Harness Assembly
5	149670	10	Tie, Nylon Cable
6	JAT55441	8	Mount, Cable Tie
7	350150	2	Light Assembly, Amber
8	350160	2	Light Assembly, Tail
9	350090	2	Bracket Wldt, Light Mtg
10	350100	2	Bracket, Tail Light
11	006690	4	Bolt, HHCS 3/8-16 x 1-1/4
12	021180	4	Washer, Lock 3/8
13	027260	4	Nut, Hex 3/8-16
14	P99549	4	Washer, Flat 7/16 SAE
15	005360	2	Nut, Hex 1/2-13
16	005370	2	Washer, Lock 1/2
17	030470	2	Bolt, CRG 1/2-13 x 1-1/4

PAIN & DECALS – 529410

M529410

PAINT & DECALS – 529410

Item	Part Number	Qty.	Description
1	041601	1	Decal, Patent Numbers
2	041620	1	Decal, Electronic Scale Bracket
3	117720	3	Tape, Anti-Skid
4	146670	4	Decal, Grease Symbol
5	158520	1	Decal, Auger Feeder Stop
6	158530	1	Decal, Start-Stop Auger
7	159460	1	Decal, Valve Direction
8	212350	1	Decal, Supplement Instructions
9	268860	1	Decal, Danger Rotating Drive Line
10	363000	1	Decal, Danger Rotating Mechanism
11	368040	1	Decal, Caution Safety Instructions
12	368350	1	Decal, Warning Moving Flywheel Hazard
13	377280	4	Decal, Caution Do Not Open
14	383320	1	Decal, Attention Foreign Material
15	383970	1	Decal, Caution Hitch Instructions
16	383990	1	Decal, Danger Auger Feeder
17	384000	1	Decal, Danger Electrocution Hazard
18	384020	1	Decal, Danger 1000 RPM PTO
19	384030	1	Decal, Danger 565 RPM PTO
20	417250	1	Decal, Rollermill Operation
21	467450	3	Decal, Moving Part Hazard
22	472450	2	Reflector, Red
23	472460	1	Reflector, Amber
24	519480	2	Decal, Art's-Way Logo 11.5 x 20
25	529380	2	Decal, 5165 Grinder Mixer
26	529400	3	Decal, Tank Window Dash
27	355500	1	Tag, Serial No. Finished
28	204510	4	Nail, 1/4" Grip

NOTES



ART'S-WAY MANUFACTURING CO., INC. TECHNICAL MANUALS

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

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

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

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

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ART'S-WAY MANUFACTURING CO., INC.

HWY 9 WEST - PO Box 288

Armstrong, IA. 50515 U.S.A

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PO Box 9007
Wichita, KS 67205
www.cpsdynamics.com



Art's-Way Manufacturing Co., Inc.
Hwy 9 West – PO Box 288
Armstrong, IA. 50515 U.S.A