

OPERATOR'S AND PARTS MANUAL NO. PB-SI-8720/8865

MEYER

INDUSTRIAL SERIES
TWIN EXPELLER SUPER SPREADER
MODEL 8720
MODEL 8865

PATENTED
U.S. PATENT NUMBER
5,368,236
5,501,404



DO NOT OPERATE EQUIPMENT UNTIL THIS MANUAL HAS BEEN READ AND UNDERSTOOD.



MANUFACTURED BY

Meyer Mfg. Corp.

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1. INTRODUCTION

Congratulations on your purchase of a new Meyer farm equipment product. Undoubtedly you have given much consideration to your purchase and we're proud that you have selected Meyer. Pride in craftsmanship, engineering and customer service has made Meyer products the finest in the farm equipment industry today.

There is no substitute for quality. That is why thousands of people like you have purchased Meyer farm equipment. They felt it was the best equipment to serve their farming needs, now and in years to come. We ask that you follow our policy of "safety first," and we strongly suggest that you read through the owner's manual before operating your Meyer farm equipment.

Meyer Manufacturing Corporation wants to thank you for not compromising quality. We are determined to offer excellence in customer service as well as provide you with the very best value for your dollar.

REMEMBER:

**FARM EQUIPMENT BUYERS
TRUST THE NAME MEYER!**

Sincerely,

All Employees of
MEYER MANUFACTURING CORPORATION



This SAFETY ALERT SYMBOL means ATTENTION! BE CAREFUL! YOUR SAFETY IS INVOLVED! It stresses an attitude of HEADS UP FOR SAFETY. When you see this symbol, be alert to the possibility of PERSONAL INJURY and carefully read the message that follows.



WARNING: NEVER OPERATE WITHOUT ALL COVERS, SHIELDS AND GUARDS IN PLACE. KEEP HANDS, FEET AND CLOTHING AWAY FROM MOVING PARTS. SOME COVERS AND GUARDS HAVE BEEN REMOVED FOR ILLUSTRATIVE PURPOSES ONLY IN THIS MANUAL. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.

Meyer Mfg. Corp. reserves the right to make improvements in design, or changes in specifications at any time, without incurring any obligation to owners of units previously sold.

This supersedes all previous published instructions.

IMPORTANT:

At the front of this manual is an "Owner's Registration Form". Be sure your dealer has completed this form and promptly forwarded a copy to Meyer Mfg. to validate the manufacturer's warranty. The product model and serial number are recorded on this form and below for proper identification of your Meyer Industrial Spreader by your dealer and the manufacturer when ordering repair parts.

Model No. _____

Serial No. _____

Date of Purchase _____

At the back of this manual is the repair parts section. All replacement parts are to be obtained from or ordered through your Meyer dealership. When ordering repair parts, refer to the parts section and give complete information including quantity, correct part number, detailed description and even Model No. and Serial No. of the Meyer Industrial Spreader which needs repair parts.

1.1. HOW TO READ YOUR SERIAL NUMBER

The serial number plate is found on the upper left front corner of the spreader tank or stamped in the left front frame channel.

Example: SI128720253

Model Type / Model Year / Model / Sequence of Build

↓ ↓ ↓ ↓
SI 12 8720 253

You are urged to study this manual and follow the instructions carefully. Your efforts will be repaid in better operation and service as well as a savings in time and repair expenses. Failure to read this manual and understand the machine could lead to serious injury. If you do not understand instructions in this manual, contact either your dealer or Meyer Manufacturing Corp. at Dorchester, WI 54425.

NOTE: All references to right hand (RH), left hand (LH), front and rear apply to the product as viewed from the rear of the spreader.

PRE-DELIVERY & DELIVERY CHECK LIST

Spreader Check List

Meyer Manufacturing Corporation

Phone: 715-654-5132 • Toll-Free: 1-800-325-9103 • P.O. Box 405 • Dorchester, WI 54425

This Pre-Delivery & Delivery Check List must be gone through by the Selling Party and the Customer to validate the Owner's Registration Form.

PRE-DELIVERY CHECK LIST

After the New Meyer Spreader has been completely set up, check to be certain it is in correct running order before delivering it to the customer.

The following is a list of points to inspect:

Check off each item as you have made the proper adjustments and found the item operating satisfactorily. Any adjustments made, must be according to specifications defined in this manual.

- All shields and guards are in place and securely fastened.
- All bolts and other fasteners are secure and tight.
- All mechanisms operate trouble free.
- All grease fittings have been lubricated, gear boxes filled to proper levels, and all roller chains are oiled. See "Lubrication" section of this manual.
- PTO shields turn freely.
- All roller chain springs adjusted properly for automatic tensioning. See "Adjustments" section in this manual.
- Both LR and RR Spinner Material Guides are adjusted properly. See "Adjustments" section in this manual.
- All decals are in place and legible.
- All stop/tail/turn lights work properly.

DELIVERY CHECK LIST

The following check list is an important reminder of valuable information that MUST be passed on to the customer at the time the unit is delivered.

Check off each item as you explain it to the customer.

- Explain to the customer that pre-delivery check list was fully completed.
- Give customer the Owner & Operator's Manual. Instruct to read and completely understand its contents BEFORE attempting to operate the spreader.
- Explain and review with customer the New Meyer Spreader manufacturer's warranty.
- Show the customer where to find the serial number on the implement.
- Explain and review with the customer "Safety Precautions" section of this manual.
- Explain and review with customer the proper "Start-up and Operating Procedures" sections of this manual.
- Demonstrate the PTO Shaft Locking Device and proper PTO shaft storage. Also, demonstrate proper hydraulic hose storage and tip holder used to keep system clean from contaminants.
- Explain that regular lubrication and proper adjustments are required for continued proper operation and long life of the spreader. Review with the customer the "Lubrication" and "Adjustments" sections of this manual.
- Explain and review with customer the recommended loading and unloading procedures for different types of manure.
- Also, demonstrate the proper way to adjust the Rear Spinner Material Guides.
- Fully complete this "PRE-DELIVERY & DELIVERY CHECK LIST" with the customer.



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2. MANUFACTURER'S WARRANTY

11/2014

MEYER INDUSTRIAL SPREADER

- I. The "Owner's Registration Form" must be completed in full and promptly returned to Meyer Mfg. Corp. for this warranty to become both valid and effective. All warranties on new Meyer Industrial Spreaders shall apply only to the original retail customer from an authorized Meyer Mfg. Corp. dealership.
- II. This warranty shall not apply to any Meyer Industrial Spreader which has been subjected to misuse, negligence, alteration, accident, incorrect operating procedures, has been used for an application not designed for or pre-authorized by Meyer in writing, has had the serial numbers altered, or which shall have been repaired with parts other than those obtained through Meyer Mfg. Corp. Meyer is not responsible for the following: Depreciation or damage caused by normal wear, lack of reasonable and proper maintenance, failure to follow the operator's manual recommendations or normal maintenance parts and service. Meyer is not responsible for rental of replacement equipment during warranty repairs, damage to a power unit (including but not limited to a truck or tractor), loss of earnings due to equipment down time, or damage to equipment while in transit to or from the factory or dealer.
- III. Meyer Mfg. Corp. warrants new Meyer Industrial Spreaders to be free from defects in material and workmanship under recommended use and maintenance service, as stated in the "Owner / Operator's Manual & Parts Book" as follows:
 - A. Meyer Mfg. Corp. will repair or replace F.O.B. Dorchester, WI, as Meyer Mfg. Corp. elects, any part of a new Meyer Industrial Spreader which is defective in material or workmanship:
 - i. Without charge for either parts or labor during the first (1) year from purchase date to the original retail customer.
 - B. In addition to the above basic warranty, Meyer Mfg. Corp. will repair or replace F.O. B. Dorchester, WI as Meyer Mfg. Corp. elects:
 - i. Any part of the following which is defective in material or workmanship (not neglect to recommended use and service) with a "pro-rated" charge for parts only (not labor) during the stated time period from date of purchase to the original retail customer:

Seven (7) Years: a. The spreader tank body is warranted against rust through (Pro-rated parts only).
Parts included, front and rear end panels, side panels and auger trough.
- IV. COMMERCIAL USE: Coverage as in paragraph III.A.1. ONLY, except warranty coverage is for (90) days for parts and labor to the original commercial retail customer.
- V. Repairs eligible for labor warranty must be made by Meyer Mfg. Corp. or an authorized Meyer dealership. The original retail customer is responsible for any service call and/or transportation of the Industrial Spreader to the dealership or factory for warranty service.
- VI. Except as stated above, Meyer Mfg. Corp. shall not be liable for injuries or damages of any kind or nature, direct, consequential, or contingent, to persons or property. This warranty does not extend to loss of crop or for any other reasons.
- VII. No person is authorized to give any other warranties or to assume any other obligation on Meyer Mfg. Corp.'s behalf unless made or assumed in writing by Meyer Mfg. Corp. This warranty is the sole and exclusive warranty which is applicable in connection with the manufacture and sale of this product and Meyer Mfg. Corp.'s responsibility is limited accordingly.

Purchased Product Warranty:

This warranty does not apply to component parts not manufactured by Meyer such as but not limited to wheels, tires, tubes, PTO shafts, clutches, hydraulic cylinders, scales, etc.

3. SAFETY PRECAUTIONS



CAUTION: BEFORE ATTEMPTING TO OPERATE THIS SPREADER, READ AND STUDY THE FOLLOWING SAFETY INFORMATION. IN ADDITION, MAKE SURE THAT EVERY INDIVIDUAL WHO OPERATES OR WORKS WITH THE SPREADER, WHETHER FAMILY MEMBER OR EMPLOYEE, IS FAMILIAR WITH THESE SAFETY PRECAUTIONS.

Require anyone who will operate this spreader to read and completely understand this Owner's Manual. Give necessary instructions!

DO NOT operate, service, inspect or otherwise handle this spreader until all operators have read this Owner's Manual and have been properly trained in the intended usage of the spreader.

Do not allow minors (children) or inexperienced persons to operate this spreader.

If the spreader becomes clogged, shut off the tractor engine and allow all mechanisms to stop. Disconnect PTO shaft and hydraulic hoses (relieve hydraulic pressure). Then, clean or work on the spreader as required.

Always shut off power and disconnect PTO drive shaft and unhook hydraulic hoses (relieve hydraulic pressure) from tractor to prevent accidental startup or unexpected movement before working on machine.

Do not clean, adjust, or lubricate while spreader is in motion.

Make sure all hydraulic fittings are tight and that all hoses are in good condition. Hydraulic fluid escaping under pressure can have sufficient force to penetrate skin and cause serious injury. Never investigate for hydraulic leaks by using a part of the body to feel for escaping fluid.

Inspect when first delivered and regularly thereafter. Verify that all connections and bolts are tight and secure before operating.

Know how to stop the spreader before starting it!

Do not operate until all shields, covers and guards are in place.

Make certain everyone is clear of the spreader before applying power.

Keep hands, feet and clothing away from moving parts. Loose or floppy clothing should not be worn by the operator.

Stay well clear of the spreader's rear discharge spinners while operating.

Do not step up on any part of the spreader at any time. Do not use PTO guard as a step.

Do not step over the power take-off shaft. Stay clear of the PTO at all times.

Keep PTO shaft telescoping tube shields turning freely. Keep PTO master shield on tractor. Replace shields missing or damaged.

Match the right tractor PTO spline and speed with the PTO driveshaft provided with the implement. This will assure proper geometry and operating speed. Never operate 540 RPM implements at 1000 RPM. Never operate 1000 RPM implements at 540 RPM. Never use a spline adapter. Use of adaptors will void warranty due to damage caused to the tractor PTO, PTO driveshaft or implement.

Use only properly rated tires.

Do not tow at speeds in excess of 20 MPH when transporting this spreader. Never exceed a safe travel speed.

Observe all applicable traffic laws when transporting on public roadways (where legal to do so). Check local laws for all highway lighting and marking requirements.

Always install a SMV emblem on this spreader for transporting on roadways and keep the emblem clean and bright.

When towing the spreader on public roads a safety chain of sufficient strength to support, along the line of travel, the gross weight of the spreader must be used (See Maximum Load Weight Chart in the Transporting Section). The safety chain should be attached per diagram in the Transporting Section.

STUDY THE ABOVE SAFETY RULES

FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.



4. SAFETY FIRST



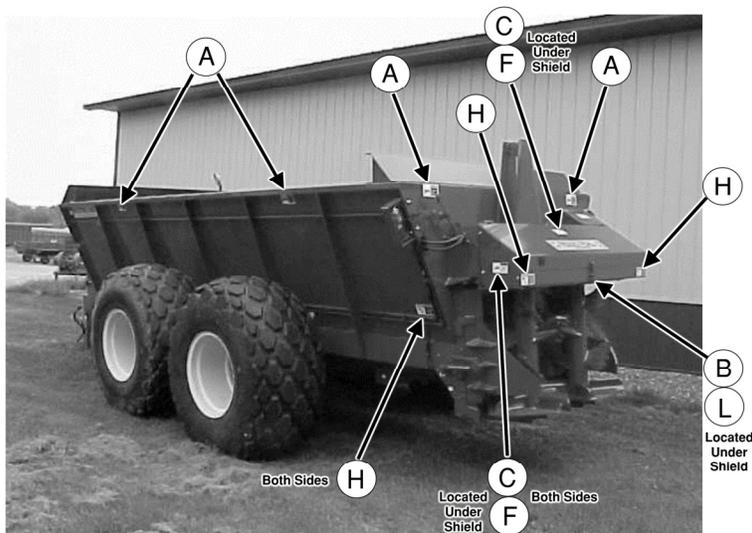
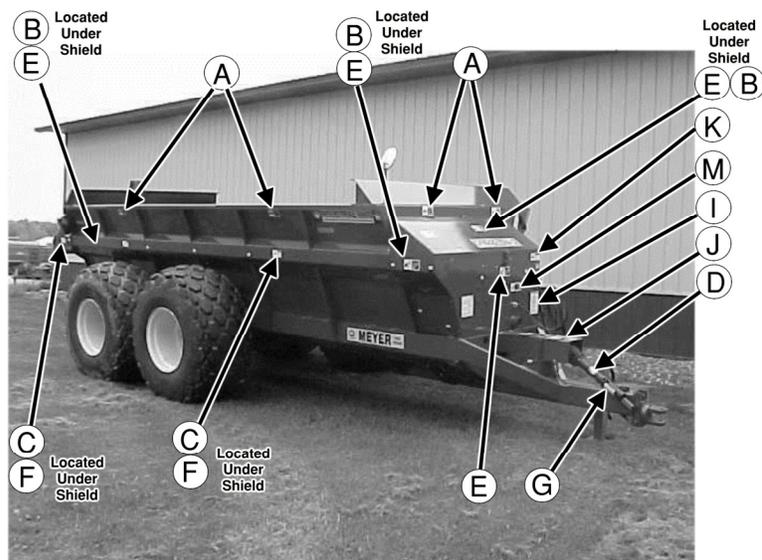
A brief definition of signal words that may be used in this manual is as follows:

 **This symbol is used to call attention to instructions concerning personal safety. Be sure to observe and follow these instructions. Take time to be careful!**

 **DANGER** indicates an imminently hazardous situation which, if not avoided, WILL result in serious injury or death.

 **WARNING** indicates a potentially hazardous situation which, if not avoided, COULD result in death or serious injury, and includes hazards that are exposed when guards are removed.

 **CAUTION** indicates a potentially hazardous situation which, if not avoided, MAY result in minor or moderate injury. It is also used to alert against unsafe practices.



 **CAUTION:** READ ALL SAFETY SIGNS ON THE SPREADER AND IN THIS MANUAL. KEEP THESE SAFETY SIGNS CLEAN AND REPLACE ANY LOST OR DESTROYED SAFETY SIGNS. BECOME FAMILIAR WITH ALL TRACTOR AND SPREADER CONTROLS.

The Meyer Super Spreader is manufactured with operator safety in mind. Located on the manure spreader are various safety signs to aid in operation and warn of danger or caution areas. Pay close attention to all safety signs on the spreader.

⚠ DO NOT REMOVE ANY SAFETY SIGNS. IF SAFETY SIGNS ARE LOST, DAMAGED OR IF THE MANURE SPREADER HAS BEEN REPAINTED, REPLACE SAFETY SIGNS. REMEMBER: SAFETY SIGNS ARE FOR EVERYONE'S PROTECTION AND INFORMATION.



SAFETY SIGN A. PART NO. 46-0001-5



SAFETY SIGN B. PART NO. 46-0001-26



SAFETY SIGN C. PART NO. 46-3600-9



SAFETY SIGN D. PART NO. 46-3600-6



SAFETY SIGN E. PART NO. 46-0001-4



SAFETY SIGN F. PART NO. 46-3600-2



SAFETY SIGN G. PART NO. 46-0001-13



SAFETY SIGN H. PART NO. 46-9500-4



SAFETY SIGN I. PART NO. 46-0001-22



SAFETY SIGN J. PART NO. 46-0004-2



SAFETY SIGN K. PART NO. 46-0001-35



SAFETY SIGN L. PART NO. 46-5570-3



SAFETY SIGN M. PART NO. 46-8500-7

⚠ CAUTION: READ ALL SAFETY SIGNS ON THE SPREADER AND IN THIS MANUAL. KEEP THESE SAFETY SIGNS CLEAN AND REPLACE ANY LOST OR DESTROYED SAFETY SIGNS. BECOME FAMILIAR WITH ALL TRACTOR AND SPREADER CONTROLS.

IMPORTANT: MEYER MFG. CORP. PROVIDES GUARDS FOR EXPOSED MOVING PARTS FOR THE OPERATOR'S PROTECTION; HOWEVER, SOME AREAS CANNOT BE GUARDED OR SHIELDED IN ORDER TO ASSURE PROPER OPERATION. THE OPERATOR'S MANUAL AND SAFETY SIGNS ON THE MACHINE ITSELF WARN YOU OF DANGERS AND MUST BE READ AND OBSERVED CLOSELY.

5. PRE-OPERATION

⚠ WARNING: BEFORE OPERATING, READ THIS OWNER'S MANUAL COMPLETELY. PAY PARTICULAR ATTENTION TO THE "SAFETY PRECAUTION" AND "SAFETY FIRST" PAGES. READ ALL SAFETY MESSAGES HIGHLIGHTED BY "SAFETY ALERT SYMBOLS" THROUGHOUT THE MANUAL.

⚠ WARNING: DO NOT OPERATE WITHOUT ALL SHIELDS, GUARDS AND COVERS INSTALLED. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.

5.1. SHUTTING OFF AND LOCKING OUT POWER

⚠ WARNING: SHUTOFF AND LOCKOUT POWER BEFORE CLEANING, ADJUSTING, LUBRICATING OR SERVICING THIS SPREADER. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.

Whenever adjusting, cleaning, lubricating or otherwise servicing this spreader, you must shutoff and lockout power to the spreader. Because this spreader can be truck mounted or powered by a tractor, methods vary. On truck mounted units, the connection between the truck and the spreader is permanently installed and not intended to be disconnected. On trucks, disengage the PTO drive, turn off the engine, set the parking brake, remove the ignition keys and keep them in your possession to prevent anyone else from accidentally applying power to the box unexpectedly. For tractors, disconnect the PTO, disconnect and relieve pressure of the hydraulics, turn off the tractor and set the brakes.

Throughout this manual, when directed to shutoff and lockout power, be familiar with the previously described procedures for the type of machine you are operating.

5.2. TRACTOR SETUP

IMPORTANT: NEVER OPERATE PTO ABOVE ITS NORMAL 1000 RPM RATING. TRACTOR'S PTO MUST MATCH IMPLEMENT PTO.

This spreader must be operated with a 1000 RPM PTO. No PTO adapter may be used to alter speed or geometry. The hitch of the spreader is designed for a standard tractor drawbar. Adjust the drawbar at 15 to 22 inches above the ground. Extend or shorten the drawbar so horizontal distance from end of tractor PTO shaft to center of the hitch pin hole is 20" (1 3/4-20), 16" (1 3/8-21). Secure the drawbar so that the hitch pin hole is located directly below the PTO drive line. See FIGURE 1 for location of standard measurements.

An improperly located hitch point may cause damage to the universal joints of the PTO drive shaft. Conforming to the standard 16" or 20" drawbar & PTO relationship will ensure that the PTO drive shaft will not become over-extended.

WITH INITIAL HOOK-UP TO YOUR NEW MEYER SPREADER TEST PTO TRAVEL BY TURNING EQUIPMENT IN BOTH DIRECTIONS OBSERVING THE MINIMUM AND MAXIMUM TRAVEL DIMENSIONS AS SHOWN, FIGURE 2.

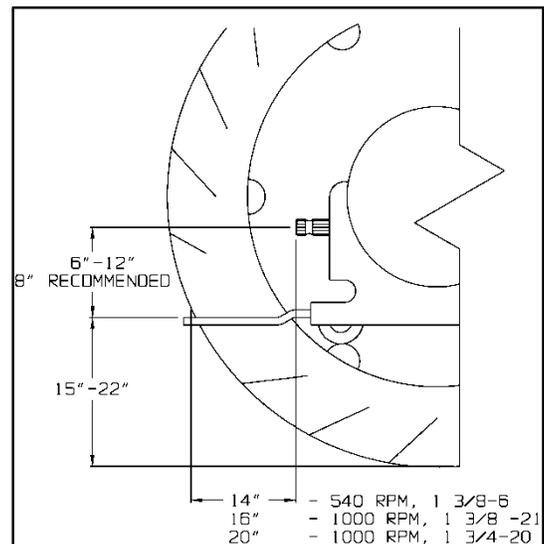


FIGURE 1. TRACTOR DRAWBAR & PTO SPECIFICATION

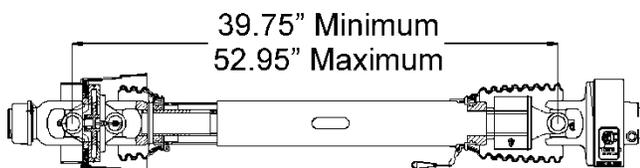


FIGURE 2. PTO DRIVELINE

5.3. PRODUCT INSPECTION



WARNING: INSPECT REGULARLY THAT ALL CONNECTIONS AND BOLTS ARE TIGHT AND SECURE BEFORE OPERATING. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.

5.3.1. WHEELS AND TIRES

See page 86 for Wheel Torque and Tire Inflation Charts.

Check for proper assembly and adjustment and make sure that all bolts are tightened. Securely retighten after a few hours of operation, as bolts can loosen up on new machinery. Check wheel lug nuts upon delivery and periodically thereafter. Check the tires and inflate to the recommended pressure. See wheel torque and tire inflation charts on page 86.

5.3.2. AXLE, O-BEAMS, SPINDLES AND HITCH



DANGER: INSPECT THE AXLES, O-BEAMS, SPINDLES, TIRES, HITCHES, SAFETY SHIELDING, SAFETY SIGNS AND SAFETY LIGHTING REGULARLY. THESE PARTS OF YOUR IMPLEMENT, IF NOT WATCHED CLOSELY, COULD POSE POTENTIAL INJURY INCLUDING DEATH. IF AN ITEM IS FOUND IN NEED OF REPAIR, TAG THIS UNIT AS INOPERABLE AND HAVE QUALIFIED PERSONNEL REPAIR IMMEDIATELY.

The entire axle, o-beam, spindle and hitch should be visually inspected for cracks regularly. Any cracks found will indicate immediate repair or replacement is necessary.

Some parts will wear due to use. It is highly recommended to replace critical safety items such as a hitch that has worn through the "Wear Plate" or is less than three quarters of its original thickness.

5.3.3. CRACKS

The entire axle, o-beam, spindle and hitch should be visually inspected for cracks regularly. Any cracks found will indicate immediate repair or replacement is necessary.

5.3.4. WORN COMPONENTS

Some parts will wear due to use. It is highly recommended to replace critical safety items such as a hitch that has worn through the "Wear Plate" or is less than three quarters of its original thickness.

5.3.5. HYDRAULICS



WARNING: HYDRAULIC FLUID ESCAPING UNDER PRESSURE CAN HAVE SUFFICIENT FORCE TO CAUSE INJURY. KEEP ALL HOSES AND CONNECTIONS IN GOOD SERVICEABLE CONDITION. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.

Whenever working on any part of the hydraulics, safely relieve hydraulic pressure before starting.

5.4. HITCHING TO TRACTOR

Do not allow anyone to stand between the tongue or hitch and the tractor when backing up to the spreader. Fasten the spreader hitch to the tractor drawbar with a hitch pin that cannot bounce out. Use a 1-5/16" to 1-3/8" diameter hitch pin.

Remove the weight from the jack (jack is not to be used when spreader is loaded). Remove the jack from mount tube and move to the transport storage tube on the front of the spreader drive enclosure. Store in a horizontal position.

Before operation and after hitching the tractor to the spreader, connect the PTO drive shaft to the tractor. Slide the spring loaded locking collar onto the PTO yoke rearward, and then slide the yoke onto the tractor PTO shaft.

Release the spring loaded collar. Be sure the pins fall into the groove of the tractor PTO shaft and that the collar snaps forward into the locked position.

⚠ NOTICE: DO NOT USE A STEEL HAMMER TO AID IN JOINING PTO PARTS.

Route hydraulic hoses through the hose support rod which is mounted to the hitch frame, Figure 3. Connect the hydraulic hoses for the flow control rear gate to the tractor's double acting valve hydraulic system. Move the tractor hydraulic controls to observe proper flow gate operation. If the controls operate the gate in opposite directions to what you expect, reverse the hydraulic hose connections at the tractor.

⚠ WARNING: HYDRAULIC FLUID ESCAPING UNDER PRESSURE CAN HAVE SUFFICIENT FORCE TO CAUSE INJURY. KEEP ALL HOSES AND CONNECTIONS IN GOOD SERVICEABLE CONDITION. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.

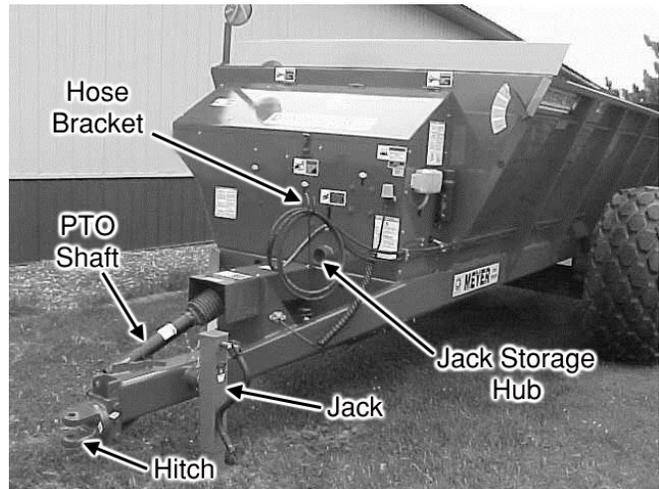


FIGURE 3. SPREADER HOOKUP

5.5. PTO DRIVELINE

⚠ WARNING: SHUTOFF AND LOCKOUT POWER BEFORE CLEANING, ADJUSTING, LUBRICATING OR SERVICING THIS SPREADER. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.

⚠ DANGER: DO NOT OPERATE WITHOUT PTO GUARD ON SPREADER AND ON TRACTOR. MAINTAIN PTO DRIVE SHAFT GUARD TUBES IN OPERATING CONDITION. REPLACE THEM IF DAMAGED AND NOT TURNING FREELY. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.

See your PTO Installation, Service, and Safety Instruction Manual for additional PTO details. Call Meyer Manufacturing Corporation at 1-800-325-9103 for a replacement manual.

See your ADMA Safety Manual for further safety situations and precautions that you should familiarize yourself and those that may be operating this equipment. Call Meyer Manufacturing Corporation at 1-800-325-9103 for a replacement manual.

5.5.1. UNDERSTANDING THE PTO CUT-OUT CLUTCH

The Meyer 8720/8865 Industrial Series Spreader is equipped with a cutout type clutch on the implement half of the PTO driveline. The clutch is designed to limit the amount of torque transferred to the machine through the driveline. If excessive torque is developed the clutch will disengage. A loud ratcheting sound will be heard and the transfer of power to the machine will be disrupted. To re-engage the machine, simply shut down the PTO and allow the driveline to come to a stop. The PTO can then be re-engaged to restart the spreader. The cutout clutch will either re-engage upon shut down of the PTO or just before it comes to a complete stop.

The cutout clutch will disengage if start up is done in an abrupt or reckless manner. It also will disengage from foreign materials entering the spinner area of the spreader. It may also be possible to disengage the clutch by overloading or flooding the spinners with free flowing or liquid manure. If PTO clutch fails to re-engage it will be necessary to remove the foreign object from the spreader before restarting. **THERE IS NO FIELD ADJUSTMENT ON THE CUTOUT CLUTCH.**

5.5.2. PTO, ATTACHMENT OF

The cutout clutch end of the PTO driveline must always be attached to the implement. The PTO driveline is equipped with a 1 3/8-6 spline on the implement half for attaching to the spreader. Remove the M17-hexagon bolt from the splined hub and slide the PTO onto the implement splined input shaft. Install the hexagon bolt through the hub being sure the bolt is falling into the groove on the splined shaft. Torque tight using a metric size M17 6-point socket and torque down to 75 ft. lbs. **A M17 6-POINT METRIC SOCKET MUST BE USED AS ROUNDING OF HEXAGON BOLT AND INACCURACY OF TORQUE SETTINGS COULD OCCUR.**

If removal of the M-17 hexagon bolt is necessary, use the same M-17 6-point socket and loosen bolt 1/2 turn. Insert a 1/4" drift punch in the hole on the opposite side of the hexagon bolt and tap to loosen the seated portion of the bolt from the splined hub. Loosen in 1/2 turn increments and tapping to loosen. After bolt seat has been released, remove the bolt. If bolt is not unseated, damage to the hexagon bolt will occur.

Attach the shield safety chain to a suitable area on the spreader, preferably to the implement PTO steel shield.

5.6. OPERATIONAL CHECKS



DANGER: MAKE CERTAIN ALL PERSONNEL ARE CLEAR OF THE SPREADER AND THE ROTATING SPINNERS BEFORE APPLYING POWER. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.

See Lubrication and Adjustment sections for further detail.

Before loading spreader, slowly engage the tractor PTO and operate machine at idle speed for several minutes to ensure the spreader is operating properly.

5.7. TRANSPORTING

5.7.1. SPEED



WARNING: DO NOT TOW AT SPEEDS GREATER THAN 20 MPH. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.

Operating speed is dictated by the terrain over which you are traveling. Always use caution. Avoid traveling on slopes or hills that are unsafe.

5.7.2. PUBLIC ROADWAY TRAVEL



WARNING: OBSERVE ALL APPLICABLE TRAFFIC LAWS WHEN TRANSPORTING ON PUBLIC ROADWAYS. CHECK LOCAL LAWS FOR ALL HIGHWAY LIGHTING AND MARKING REQUIREMENTS.



WARNING: INSTALL A SMV EMBLEM ON THE REAR OF THE SPREADER FOR TRANSPORTING ON ROADWAYS AND KEEP THIS EMBLEM CLEAN AND BRIGHT. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.

If you will be traveling on public roadways and it is legal to do so, you must know all rules governing such operation. This will include lighting, brake requirements, and safety chains, in addition to all local, state, and federal traffic rules. Lighting and reflective decals need to be clean, visible, and operational.

Check that the rear discharge gate is completely closed. It is unlawful to allow slurry to splash or leak onto public roadways.

Check for traffic constantly. Be sure that no one is attempting to pass and that all traffic is sufficiently clear before making any turns.

5.7.2.1. Truck Mounted Spreader Lights

Depending on the make and model of the truck it may be necessary to install a light converter (MEYER PART #56-0028). Converter will allow signal lights and brake lights to operate according to DOT lighting standard. Call factory for more information.

5.7.3. MINIMUM TRACTOR WEIGHT

Minimum Tractor Weight is calculated as 2/3 of the towing implement's gross weight (GW)

Spreader Loaded Weight X .667
= Minimum Tractor Weight Up To 20 MPH

| MODEL | MAXIMUM SPREADER GROSS WEIGHT (LBS) | MINIMUM TRACTOR WEIGHT UP TO 20 MPH (LBS) |
|---------|-------------------------------------|---|
| SI8720T | 46,645 | 31,000 |
| SI8865T | 56,140 | 37,500 |

Tractor PTO Horsepower Requirements: The PTO horsepower requirements may not reflect adequate tractor size for towing the machine. Refer to tractor weight requirements for these recommendations and safety section for additional tractor and towing requirements.

5.7.4. SAFETY CHAIN

⚠ CAUTION: A SAFETY CHAIN MUST BE INSTALLED TO RETAIN THE CONNECTION BETWEEN TRACTOR (OR OTHER TOWING VEHICLE) AND SPREADER WHENEVER TRAVELING ON PUBLIC ROADS IN CASE THE HITCH CONNECTION WOULD SEPARATE. A SUGGESTED ATTACHMENT IS ILLUSTRATED ON FIGURE 4.

The chain must be of adequate size to hold the weight of the loaded spreader (See table on page 17). See your ag cart or wagon owner / operator's and parts book, which is also available at www.meyermfg.com. If using a grab hook at the end(s) of the chain to secure the chain to itself, a hook latch must be installed.

The length of the safety chain is not to be any longer than necessary to turn without interference. If any chain links or attachment hardware are broken or stretched, repair before using. Store chain so it does not corrode or become damaged. Do not use this chain for other implements because the strength and length of the chain may not be adequate. Identify this chain for use on this particular spreader. Do not use the intermediate support as the attaching point.

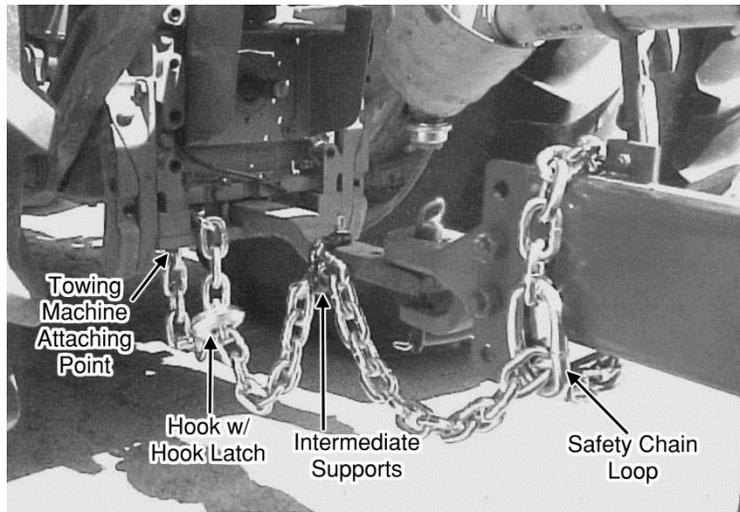


FIGURE 4. SAFETY CHAIN INSTALLATION

If you do not have a safety chain, or need a replacement safety chain, see your local Meyer dealer and do not operate on public roads until you are able to travel with the safety chain properly installed.

5.7.5. OPTIONAL BRAKE PACKAGE

See INST-BRAKE-IMT for maintenance and adjustment information on this optional brake equipment. Call Meyer Manufacturing Corporation at 1-800-325-9103 for a replacement manual.

6. OPERATION

 **WARNING:** SHUTOFF AND LOCKOUT POWER BEFORE CLEANING, ADJUSTING, LUBRICATING OR SERVICING THIS SPREADER. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.

6.1. LOADING

 **CAUTION:** DO NOT USE JACK EXCEPT WHEN SPREADER IS EMPTY. JACK WILL NOT SUPPORT ADDED WEIGHT. UNBALANCED WEIGHT MAY RESULT IN UNEXPECTED “TIP UP” OF SPREADER.

 **IMPORTANT:** OVERLOADING MAY CAUSE FAILURE OF AXLES, TIRES, STRUCTURAL MEMBERS, HITCHES, LOSS OF VEHICLE CONTROL, ETC. DO NOT EXCEED MAXIMUM NET LOAD.

 **IMPORTANT:** THIS MACHINE IS NOT INTENDED TO BE A BALE GRINDER, HAY CHOPPER OR BEDDING MACHINE. LONG HAY OR STRAW MUST CONTAIN MANURE IN ORDER TO BE SPREAD. FAILURE TO COMPLY MAY DAMAGE THE DRIVETRAIN AND VOID THE WARRANTY.

 **NOTICE:** TO PREVENT DAMAGE TO AUGERS, SPINNERS, AND DRIVE LINES, FOREIGN OBJECTS (STONES, CONCRETE, TIMBER, METAL OR LARGE FROZEN CHUNKS OF MANURE) SHOULD NEVER BE LOADED INTO THE SPREADER.

Before loading, especially in freezing weather, make sure the augers and spinners are free to rotate and the flow control rear gate moves freely up and down.

Check and be sure that the flow control rear gate is completely closed before loading.

When the spreader is parked for loading, shift the tractor to neutral or park and set the brakes. The moisture content of the manure will determine how full the spreader can be loaded so that no manure spills out.

You will probably be able to load solid manure at least level with the top of the box while semi-liquid and liquid manure will have to be less than full in the spreader box. It is unlawful to allow manure to splash or leak onto public roads.

A liquid manure kit is available for installation around the top of the box on your spreader which will aid in the containment of liquids.

6.1.1. OVERLOADING

**MATERIAL ESTIMATED WEIGHT PER CUBIC FOOT
PER SAE D384.2**

| MATERIAL | LBS / CU. FT. |
|--------------------|----------------------|
| LIME SLUDGE | 110-115 LBS. |
| DRY FEEDLOT MANURE | 63-65 LBS. |
| CHICKEN LITTER | 63-65 LBS. |
| CAKE SLUDGE | 62-65 LBS. |
| SEMI-SOLID MANURE | 58-60 LBS. |
| PEN PACKED MANURE | 30-35 LBS. |
| LIQUID MANURE | 63-65 LBS. |

NOTE: Overloading can have detrimental effects on the integrity of the spreader and its safe use. **Some materials such as lime sludge may not be able to be filled to struck level.** Overloading will void warranty and increase risk to the operator's safety. Always be aware of your Gross Weight.

| MAXIMUM SPREADER LOAD WEIGHTS | | | | | |
|-------------------------------|--------|--------|--------|--------|--------|
| Model | 2636 | 3245T | 3954T | 8720T | 8865T |
| Maximum Gross Weight (Pounds) | 12,000 | 24,000 | 32,000 | 46,645 | 56,140 |
| Total Net Weight (Pounds) | 6,100 | 7,640 | 8,650 | 11,445 | 18,140 |
| Cubic Foot Capacity** | 181 | 227 | 272 | 468 | 562 |
| Capacity in Gallons | 1,355 | 1,694 | 2,033 | 3,500 | 4,200 |

**Struck capacity, heaped loads significantly increase weight.

6.2. UNLOADING

⚠ DANGER: MAKE CERTAIN ALL PERSONNEL ARE CLEAR OF THE SPREADER AND THE ROTATING SPINNERS BEFORE APPLYING POWER. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.

When you are ready to begin spreading application on the field, open the hydraulic flow control rear gate and slowly engage the tractor PTO clutch. This can be done while traveling forward to avoid a heavier application of liquid manure at the edge of the field than desired.

For liquid and semi-liquid manure, the application rate can be controlled by the amount the flow control rear gate is opened. The gate indicator on the front of the box will provide a ready reference for the amount of opening. For solid manure (dry, pen-packed or manure containing long straw or hay) the flow control rear gate MUST be completely open since this material is not free flowing.

The rear spinners have been designed and tested to provide the best spread pattern for most liquids and semi solid manure. However, the pattern will vary for each specific condition. The factors that contribute most to differing patterns will be moisture content and the amount and length of bedding material. For most typical conditions, the spread pattern should be uniform and about 15 ft. wide. When this is the case, plan your spreading patterns so you do not have to travel over previously spread manure which will be slippery, resulting in poor traction. Traction on wet grass is also poor. When the resulting pattern may require that you overlap during spreading, use precautions on slopes and hills where you could experience a loss of traction by traveling over ground with previously spread manure.

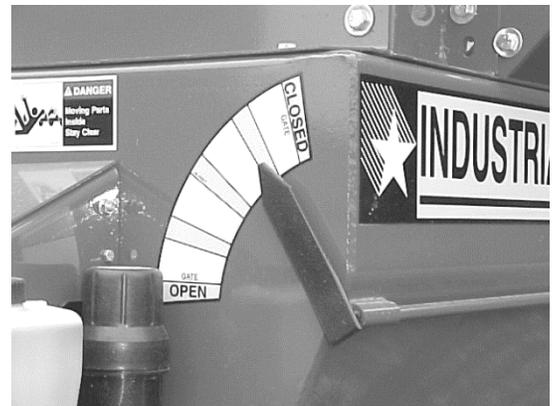


FIGURE 5. FLOW CONTROL GATE INDICATOR

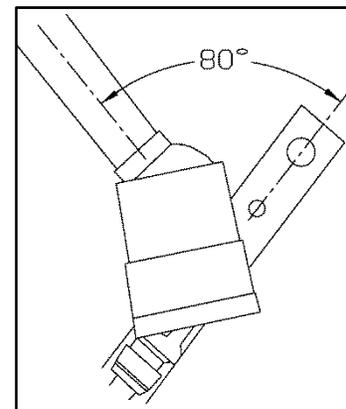
NOTE: Further control of the application rate is possible by the relationship of tractor engine speed to ground speed (transmission gear selection). For optimum, trouble-free performance it is recommended to operate at or near engine PTO speed.

When the spreader is empty, idle the tractor and stop the PTO. Close the flow control rear gate.

NOTE: Failure to idle the tractor before disengaging the PTO will cause roller chain over-running and damage to the chain tighteners.

NOTE: Maximum life of the PTO shaft universal joints will result if you stop the PTO before making turns at the end of the field.

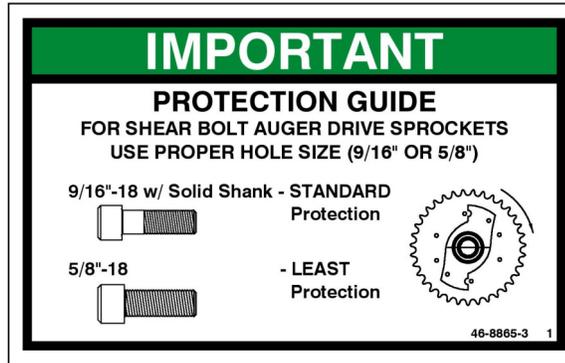
⚠ NOTICE: DO NOT EXCEED THE MAXIMUM 80° TURNING ANGLE ON THE CONSTANT VELOCITY PTO DRIVELINE. EXCEEDING THE TURNING ANGLE WILL DAMAGE THE CONSTANT VELOCITY "CENTER HOUSING" AND WILL EXERT EXCESSIVE PRESSURES ON THE PTO INPUT CENTER SHAFT AND RELATED BEARINGS.



6.2.1. SHEAR SPROCKET

The Meyer Spreader you have received has been equipped with a shear sprocket design on the main auger drive sprockets. The augers are being driven by two Allen head grade 8 bolts. The design is such that if the bolts are sheared another set of holes to install new shear bolts will always be accessible without turning over the machine.

We recommend starting with the 9/16" diameter bolts. Install the new bolts in the proper way as to drive off of **THE HEAD** of the bolt, not on the nut.



| PART NO. | DESCRIPTION |
|------------------|---|
| 831-5618-1.50-SL | 9/16-20 x 1-1/2" Allen Head Cap Bolt |
| 884-5618 | 9/16-20 Top Locknut Grade 8 |
| 831-6318-1.5 | 5/8-18 x 1-1/2" Allen Head Cap Bolt |
| 884-6318 | 5/8-18 Top Locknut Grade 8 |
| 910-0100 | 140B35 Shear Sprocket Assembly Complete |

6.2.2. FREEZING WEATHER OPERATION

Allow spreader to completely empty last of manure contents, shutoff and lockout power and allow all movement to stop before attempting to clean the spreader.

Scrape clean any remaining manure from inside the rear of spreader. Clean all manure from ends of augers, flow control rear gate and spinners.

Make certain that all personnel are clear of the spreader and the rotating spinners before slowly engaging the PTO. Operate the spreader several minutes to clean manure scrapings and to allow any remaining manure and the spreader to freeze dry. Hydraulically run the flow control rear gate up and down to clean gate slide guides. Park spreader with flow control rear gate approximately halfway open.

Before loading in freezing weather, make sure augers and spinners are free to rotate, and the flow control rear gate moves freely up and down.

7. ADJUSTMENTS

⚠ WARNING: SHUTOFF AND LOCKOUT POWER BEFORE CLEANING, ADJUSTING, LUBRICATING OR SERVICING THIS SPREADER. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.

7.1. FRONT DRIVE ROLLER CHAINS

There are six roller chain drives located at the front of the spreader. Regularly check that all tensioning springs are in serviceable condition for automatic roller chain tightening. Manually adjust spring tensioners (as needed) by turning double locknuts on all tensioning bolt/idler assemblies. Proper roller chain tension is when 1/4" to 1/2" deflection occurs on the slack side of the chain. Regularly re-check all roller chain tensions. Keep all roller chains tight at all times! For clarity purposes, the following illustrations detail each roller chain reduction separately.

NOTE: The side bars of the roller chains will wear into the idler nylon rollers up to the rollers of the roller chain forming grooves. These grooves will serve as a guide when the roller chain loosens due to normal use. From this point on, after tightening, the idler nylon rollers should run for hundreds of hours without any noticeable wear.

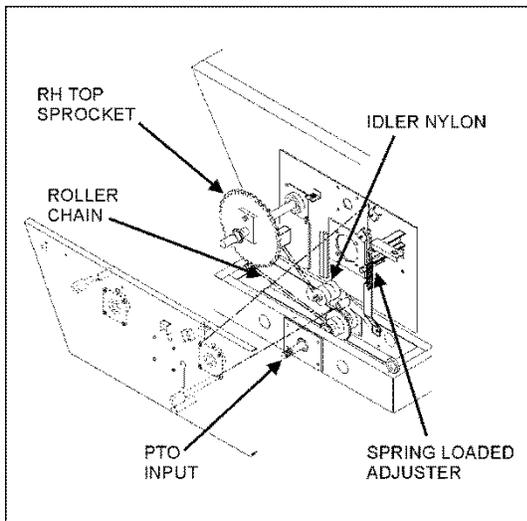


FIGURE 6. FIRST CHAIN DRIVE

The first chain drive (PTO input shaft to the large RH top sprocket, Figure 6) is automatically tensioned by a spring loaded idler nylon roller. The extension spring should extend 2" from its neutral 5" total length.

Manual adjustment for the automatic tensioning idler, nylon roller assembly is located at the left rear of the spreader's front bearing mounting plate.

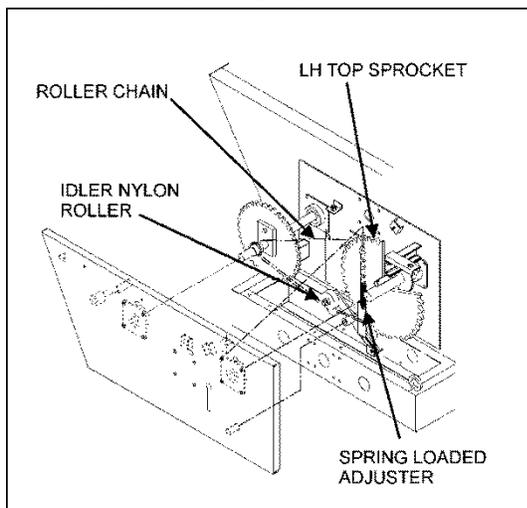


FIGURE 7. SECOND CHAIN DRIVE

The second chain drive (large RH top sprocket to the large LH top sprocket, Figure 7) is automatically tensioned by a spring loaded idler nylon roller. The extension spring should extend 2" from its neutral 5" total length.

Manual adjustment for the automatic tensioning idler, nylon roller assembly is located at the left rear of the spreader's front bearing mounting plate.

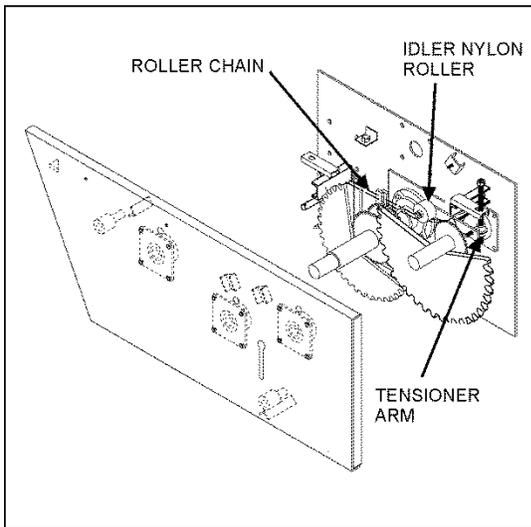


FIGURE 8. THIRD CHAIN DRIVE

The third chain drive is automatically tensioned by a spring-loaded nylon idler roller. The compression spring should be compressed to 4.5" in length. See Figure 8.

To increase tension on the automatic tightener, tighten the adjuster bolt located at the left side of the spreader.

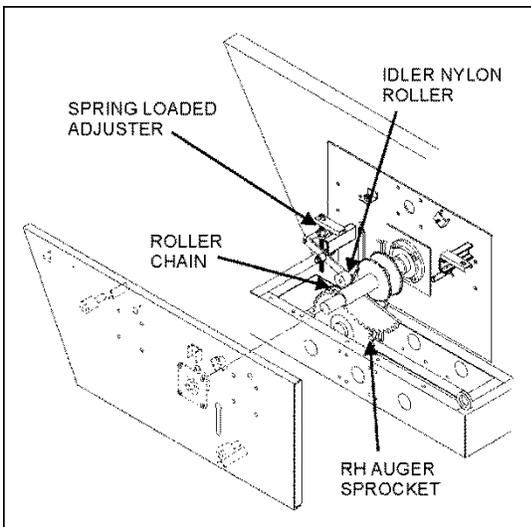


FIGURE 9. RH AUGER CHAIN DRIVE

The RH auger chain drive (Figure 9) is automatically tensioned by a spring loaded idler nylon roller. The compression spring should be compressed to 4.5" in length. See Figure 9.

To increase tension on the automatic tightener, tighten the adjuster bolt located at the right side of the spreader.

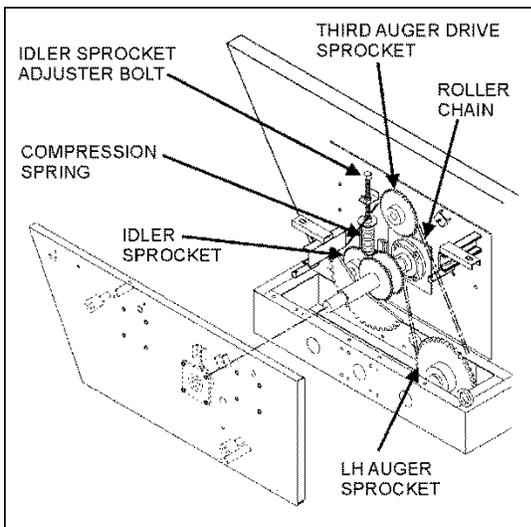


FIGURE 10. LH & THIRD AUGER CHAIN DRIVE

The LH and third auger chain drive is automatically tensioned by a spring loaded heavy compression spring and sliding idler sprocket assembly (Figure 10). The heavy compression spring should be compressed to 4" in length.

Manual adjuster bolt for the automatic tensioning idler assembly is located slightly right of center on the spreader tank.

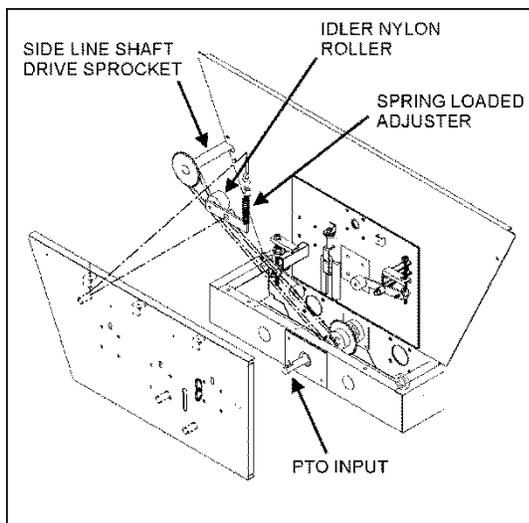


FIGURE 11. SIDE SHAFT CHAIN DRIVE

The side shaft chain drive (PTO input shaft to the side line shaft drive sprocket, Figure 11) is automatically tensioned by a spring-loaded idler nylon roller. The extension spring should extend 2" from its neutral 5" total length.

Manual adjustment for the automatic tensioning idler, nylon roller assembly is located at the right rear of the spreader's front bearing mounting plate.

7.2. SPINNER MATERIAL GUIDES

Regularly inspect and adjust two spinner material guides located at both the left rear and right rear of the spreader. Create a 1/8-3/8" clearance between material guides and spinner teeth (Figure 12). Maintain the recommended clearances for maximum spreading pattern. Adjust to prevent excessive manure build-up on material guide inner surfaces. Adjust to prevent manure chunks or foreign object lodging between material guides and spinner teeth.

NOTE: Excessive lodging can cause premature spinner tooth wear, "bent-over" or even breakage.

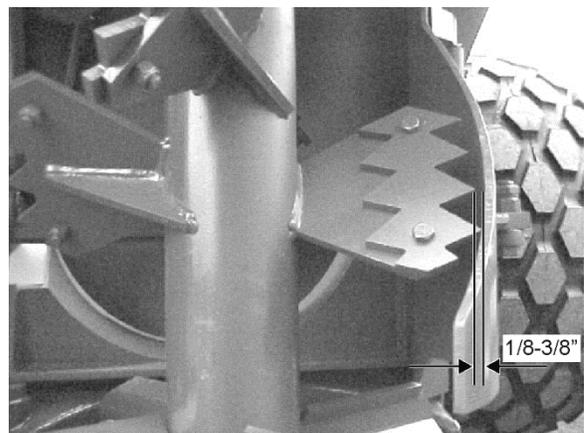


FIGURE 12. MATERIAL GUIDE CLEARANCE

7.3. SHEAR ARM MATERIAL GUIDE

Adjustment for the 1/8-3/8" clearance of each material guide to spinner tooth is made by loosening the jam nut on the linkage arm and turning the linkage arm to either move the guide in closer or out farther from the spinner teeth. After adjustment has been made for the 1/8"-3/8" clearance, retighten the jam nut to hold the material guide in place. Once recommended clearance is obtained turn spinners over by hand in the direction by which the spreader would turn to check clearance. Do not turn in the opposite direction as front chain tightener damage could occur. If foreign objects enter the spinner area the front pivot bolt on the shear arm is designed to shear. The extension spring will pull the material guide away from the spinner until the shear bolt is replaced. The 1/2-13 x 3 1/2" grade 5 replacement machine bolts are stored under the rear shield. For replacement install with 1/2" flat washer on top of shear eye and on bottom of block and tighten nylon locknut firmly.

8. LUBRICATION

⚠ WARNING: SHUTOFF AND LOCKOUT POWER BEFORE CLEANING, ADJUSTING, LUBRICATING OR SERVICING THIS SPREADER. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.

Note: Use a grease type that is composed of a high quality lithium complex or better, unless otherwise stated. We recommend using a #1 grade in colder temperatures or a #2 grade in warmer temperatures.

8.1. DAILY LUBRICATION (EVERY 8-12 LOADS)

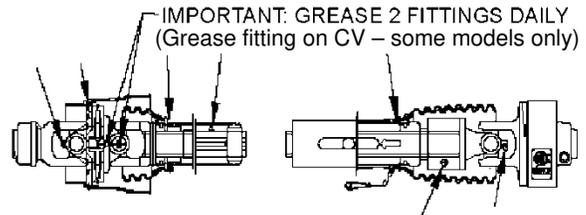
(L1) Grease (2) rear spinner lower bearings. These bearings are grease line fitted to the LR frame channel of the spreader.

(L2) Oil (6) roller chain drives with automatic oiler at the front of spreader with clean 30-weight oil. The roller chains are accessible by opening the front steel shielding cover.

(L3) Grease PTO Drive line (9) places with Lithium grease every 8 hours.

(L4) Grease (7) bearings supporting the three large jack shaft reduction sprocket weldments and the third auger drive shaft on the front drive. The zerks are accessible by the right front side grease bank and through the access holes in front plate. Be careful not to over grease.

(L5) Grease (2) auger shaft bearings. These bearings are grease line fitted to the LF and RF frame channels of the spreader. Over greasing is not possible (10-15 pumps minimum).



IMPORTANT: Check regularly for any observable lubricant leakage of the (3) gearboxes at the rear of the spreader. See L12 & L14 under *Monthly Lubrication*.

8.2. WEEKLY LUBRICATION (EVERY 25-30 LOADS)

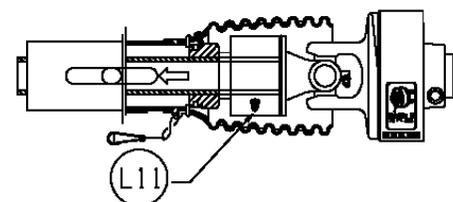
(L6) Grease (3) PTO input shaft bearings. These bearings are grease line fitted to the RF frame channel and the front bearing channel of the spreader.

(L7) Grease (5) bearings on the RH side line shaft. The front bearing is zerk accessible through the RF steel shielding. The remaining rear bearings are located along the RH side of the spreader tank, zerks accessible through the steel shielding.

(L8) Grease (2) tandem wing pivots. Effectively grease by jacking up the spreader to relieve pressure points on the pivot shaft and tandem wing collar. Over greasing is not possible.

(L10) Grease (2) flow control rear gate slide guides. With the flow control rear gate opened, grease the slide guides from top side. Allow grease to lubricate flow control rear gate ends and slide guide surfaces. In freezing weather dump used motor oil down each slide guide once a week or more often if needed. Over greasing is not possible.

(L11) Grease (1) integral overrunning clutch at rear of the PTO drive line. The zerk is on the yoke of the cut out clutch. Use a high quality lithium complex grease.



8.3. MONTHLY LUBRICATION

(L12) Maintain oil level in the corner gearbox at the centerline of the input shafts. Check regularly for any observable oil leakage. If oil leakage is excessive, replace required input/output shaft oil seals. Use ONLY EP #80-90 wt. gear lube oil or an equivalent in corner box, only Lighter weight gear lube oil may be used in temperatures lower than 20°F. Change oil in the gearboxes after the first season of use and regularly thereafter.

(L13) Grease (1) nylon bushing supporting the rear shaft of the 3rd auger assembly. This zerk is located on the left rear corner of the tank above the inner cross brace.

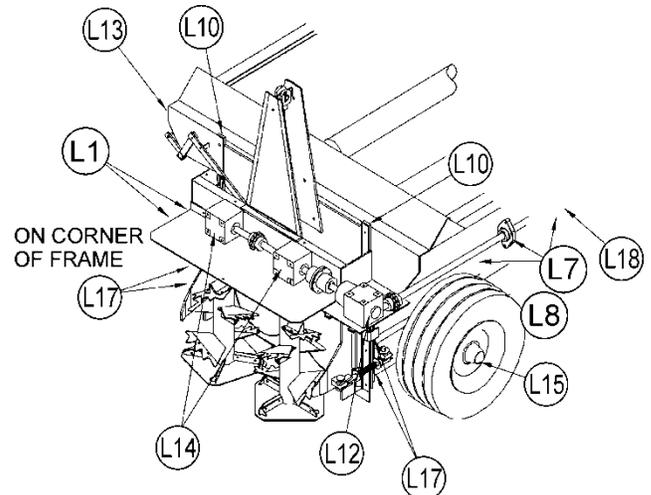
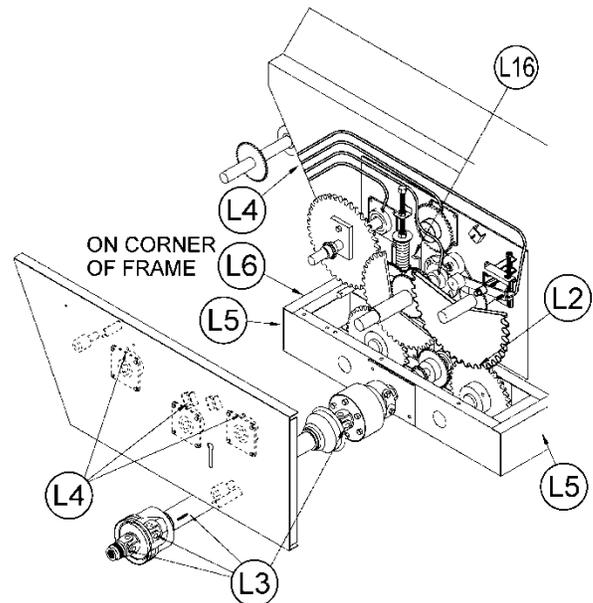
(L14) Maintain the lube level in the (2) spinner gearboxes at 3/4 full. Check regularly for any observable leakage. If leakage is excessive, replace required input/output shaft seals. Lubricate with Semi-Fluid, EP Lithium Base, Gear Grease.

(L15) Clean and repack the wheel hubs with axle grease annually. Grease hub through zerk in hub monthly. Hub from factory has bearings packed but hub is not fully loaded with grease. Be careful not to over grease and force seal out of back side of hub.

(L16) Oil slides on front idler tightener assembly.

(L17) Grease (4) material guide pin sleeves. (2) located on each side of the spreader.

(L18) Grease (2) T-post hold down sleeve zerks located above the cross channel on the underside of the spreader. A zerk is located on the front and one on the rear of the sleeve.



(SHIELDS REMOVED FOR ILLUSTRATIVE PURPOSES ONLY.)

8.4. PTO LUBRICATION

It is extremely important to follow the maintenance guidelines. If telescoping members become hard to slide during normal operation, it is recommended the shaft be taken apart, cleaned with solvent and recoated with grease before re-assembling. As a minimum it is important this be done after each season of use.

8.4.1. LUBRICATION

A high quality lithium complex grease should be used.

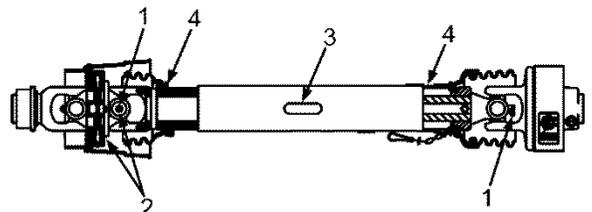


FIGURE 13. PTO DRIVELINE MAINTENANCE

8.4.1.1. Prior To Use

- A. Using the CV Zerk (Key #2) place 20 pumps of grease into the CV center housing. This should be done with the driveline / CV as straight as possible.
- B. Slowly articulate the double joint through its maximum joint angle several times.
- C. Return the CV joint to its straight position and insert additional grease into the CV Zerk (Key #2) until grease is evident around the housing and center sliding disk.

8.4.1.2. Normal Operation

- A. Lubricate the following items after every eight (8) hours of operation. If short rows and frequent turning or other demanding conditions exist, lubricate at four (4) hour intervals.
 1. Cross and bearings (Key #1)-Add grease until it is purged around the seals.
 2. CV center housing (Key #2)-Add grease until it is evident around the center sliding disk.
 3. Telescoping members (Key #3)-Add grease until it adequately covers the sliding members. Take apart occasionally to make sure adequate lubrication is being added.
 4. Shield bearings (Key #4)-Add 2-3 pumps.

FAILURE TO FREQUENTLY GREASE THE CV CENTER HOUSING AND TELESCOPING MEMBERS WILL REDUCE THE LIFE OF THE CV.

8.5. AUTOMATIC CHAIN OILER



WARNING: SHUTOFF AND LOCKOUT POWER BEFORE CLEANING, ADJUSTING, LUBRICATING OR SERVICING THIS SPREADER. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.



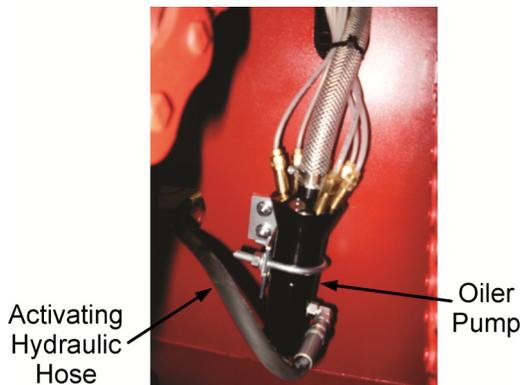
WARNING: HYDRAULIC FLUID ESCAPING UNDER PRESSURE CAN HAVE SUFFICIENT FORCE TO CAUSE INJURY. KEEP ALL HOSES AND CONNECTIONS IN GOOD SERVICEABLE CONDITION. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.

The automatic chain oiler attachment gives a squirt of clean oil to all roller chains every time that the spreaders rear gate, hydraulic cylinder is activated. In this way, the spreaders roller chains get oiled in direct proportion to the number of hydraulic cylinder cycles of the rear gate. This assures adequate lubrication.

New 30 weight oil, which is placed in the reservoir tank mounted on the spreader, is all that is needed to properly lubricate all roller chains and sprockets. The automatic chain oiler does not use any oil from the tractor's hydraulic system. The hydraulic hose connected to the bottom of the oiler pump only serves to power the piston in the pump every time that the spreader's rear gate is opened.

Should the oil reservoir tank run dry, pour about a 1/2 cup of clean 30 weight oil into the tank. Allow time for the oil to run down into the oiler pump slowly and allow air to escape. After thirty minutes to one hour has passed, finish filling the reservoir tank. Make sure that all fittings and brackets are tight when finished filling the tank.

While running the tractors hydraulics only, open and close the spreaders rear gate several times. This will cycle the hydraulic cylinder leading to the oiler pump. Keep cycling until oil can be seen in all of the oil lines leading to the oiler brushes. (If you experience problems priming the oiler pump, you may need to bleed air out of the hydraulic hose where it is connected to the pump. Crack the fitting until oil comes out, and then re-tighten.) The hydraulic cylinder that the oiler pump is tied into is double acting and must reach 300 PSI of pressure to actuate the pump.



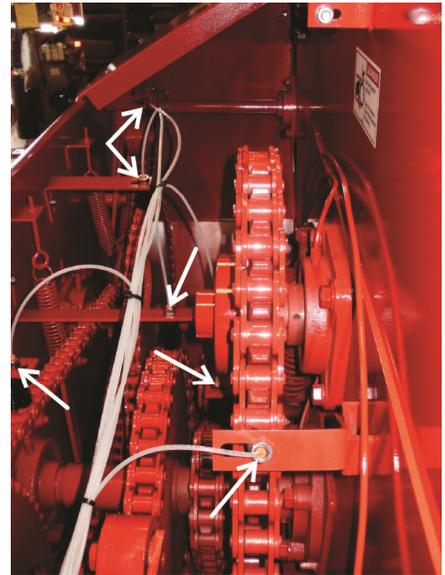


When replacing oiler brushes into brush holders, use regular 1/2"-20 nuts. Tighten nut finger tight initially as some adjustment may be needed later. For best results, place brush holders over top of roller chains and directly on top of sprockets. Adjust brush holders so oiler brushes are pushed down into the roller chain approximately 1/2". Carefully tighten up the 1/2"-20 nuts on the oiler brushes. DO NOT over tighten as damage to the brush will occur. The plastic threads of the oiler brush will crack and then break off from the brush body.

IMPORTANT! The 5/32" oil line tubing can only be removed from an oiler brush by pushing in on the red plastic ring and pulling the tubing out while holding the ring down.

The oiler pump is set at the factory to deliver the maximum amount of oil per cycle. If less oil is desired, loosen the jam nut on the bottom of the pump and screw in the adjusting shaft 1/4" or approximately 5 turns. It is not recommended to screw the shaft into the bottom of the oiler pump more than 15 turns as this may not allow for proper lubrication of the roller chains.

IMPORTANT! Always use new 30 weight oil. In cold weather, use a SAE 10 or a mixture of two parts of 30 weight oil to one part diesel fuel.



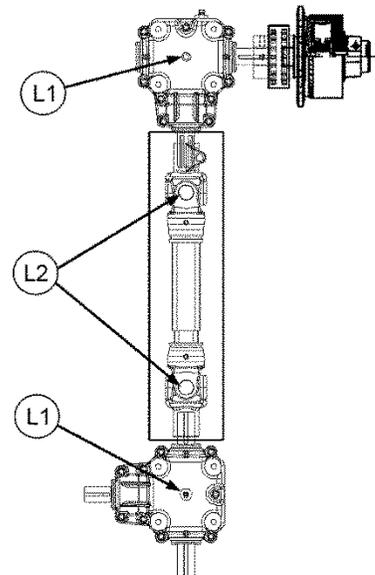
8.6. TRUCK MOUNT MECHANICAL DRIVE, LUBRICATION OF (OPTIONAL)

8.6.1. MONTHLY LUBRICATION

(L1) Keep the upper and lower gearboxes 1/2 full of 75W90 **Synthetic** oil, capacity approximately 125 oz. Check regularly for any observable leakage. If leakage is excessive, replace required input/output shaft seals as needed. Use only synthetic 75W90 oil.

8.6.2. DAILY LUBRICATION

(L2) Grease PTO driveline (2) places with lithium grease every 8 hours.



9. STORAGE AFTER USE

 **WARNING: SHUTOFF AND LOCKOUT POWER BEFORE CLEANING, ADJUSTING, LUBRICATING OR SERVICING THIS SPREADER. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.**

 **DANGER: MAKE CERTAIN ALL PERSONNEL ARE CLEAR OF THE SPREADER AND THE ROTATING SPINNERS BEFORE APPLYING POWER. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.**

Before storing this spreader for an extended period of time perform the following:

Allow the spreader to completely clean out the last load. Thoroughly hose off all manure from the outside of the spreader and the inside of the box, particularly getting the flow control rear gate mechanism clean. The wash water can be drained into your manure storage pit, or if the gate is left closed, the water can be spread on the field. After cleaning, completely lubricate the entire spreader to exclude moisture from bearings and to prevent condensation from forming during storage. See "Lubrication" pages, starting on page 22.

Oil the roller chains by running the spreader at idle speed while opening the rear gate to activate the automatic oiler system. It is also a good time to inspect all adjustments and check for parts that need repair or replacement. Performing these tasks now will guarantee that the spreader is ready for use at the beginning of the next season.

10. REPLACEMENT PARTS

10.1. INTRODUCTION

 **WARNING: SHUTOFF AND LOCKOUT POWER BEFORE CLEANING, ADJUSTING, LUBRICATING OR SERVICING THIS SPREADER. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.**

 **WARNING: BEFORE SERVICING THIS PRODUCT, ENSURE THAT ALL PERSONNEL, INCLUDING FAMILY MEMBERS ARE FAMILIAR WITH THE SPREADER AND THE SAFETY HAZARDS THAT ARE PRESENT, ALONG WITH THE SAFETY PRACTICES THAT SHOULD BE OBSERVED WHILE WORKING ON THIS EQUIPMENT.**

Whenever adjusting, cleaning, lubricating or otherwise servicing this spreader, you must shutoff and lockout power to the spreader. Because this spreader can be truck mounted or powered by a tractor, methods vary. On truck mounted units, the connection between the truck and the spreader is permanently installed and not intended to be disconnected. On trucks, disengage the PTO drive, turn off the engine, set the parking brake, remove the ignition keys and keep them in your possession to prevent anyone else from accidentally applying power to the box unexpectedly. For tractors, disconnect the PTO, disconnect and relieve pressure of the hydraulics, turn off the tractor and set the brakes.

At times, parts on this equipment will become worn or damaged. Performing repairs on this equipment can pose a risk of injury including death. To reduce risk, the party that will be doing the repair should be very knowledgeable of the implement and the equipment that they will be using to do the repair.

- Review the repair so that a plan can be put together and the proper equipment can be used to repair this implement safely and correctly.
- Personal safety equipment may include items such as safety glasses, protective footwear, hearing protection, gloves, fire retardant clothes, etc.
- The use of hoists and/or supports may be needed to handle heavy components.

 **WARNING: WORKING UNDER SUSPENDED PARTS PRESENTS A CRUSH HAZARD. DO NOT WORK UNDER SUSPENDED OR BLOCKED PARTS.**

- If the implement is being repaired in the field, make sure the parking brake of the tractor is engaged, the implement is on solid and level ground.
- Welding and torching should be done by properly trained individuals who have proven their skills.

Throughout this manual, when directed to shutoff and lockout power, be familiar with the previously described procedures for the type of machine you are operating.

IMPORTANT: Call the factory for any additional details you may need to perform the repair. Some parts may come with instructions sheets to assist in your repair. Instruction sheets may be provided with your parts order. Otherwise, if available, they can be e-mailed or faxed for your convenience. Meyer Manufacturing Corporation's toll free number is 1-800-325-9103.

Be environmentally friendly and dispose of any waste materials properly. Recycle when appropriate.

 **DANGER: INSPECT THE AXLES, O-BEAMS, SPINDLES, TIRES, HITCHES, SAFETY SHIELDING, SAFETY SIGNS AND SAFETY LIGHTING REGULARLY. THESE PARTS OF YOUR IMPLEMENT, IF NOT WATCHED CLOSELY, COULD POSE POTENTIAL INJURY INCLUDING DEATH. IF AN ITEM IS FOUND IN NEED OF REPAIR, TAG THIS UNIT AS INOPERABLE AND HAVE QUALIFIED PERSONNEL REPAIR IMMEDIATELY.**

10.2. CRACKS

The entire axle, o-beam, spindle and hitch should be visually inspected for cracks regularly. Any cracks found will indicate immediate repair or replacement is necessary.

10.3. WORN COMPONENTS

Some parts will wear due to use. It is highly recommended to replace critical safety items such as a hitch that has worn through the "Wear Plate" or is less than three quarters of its original thickness.

10.4. HYDRAULICS

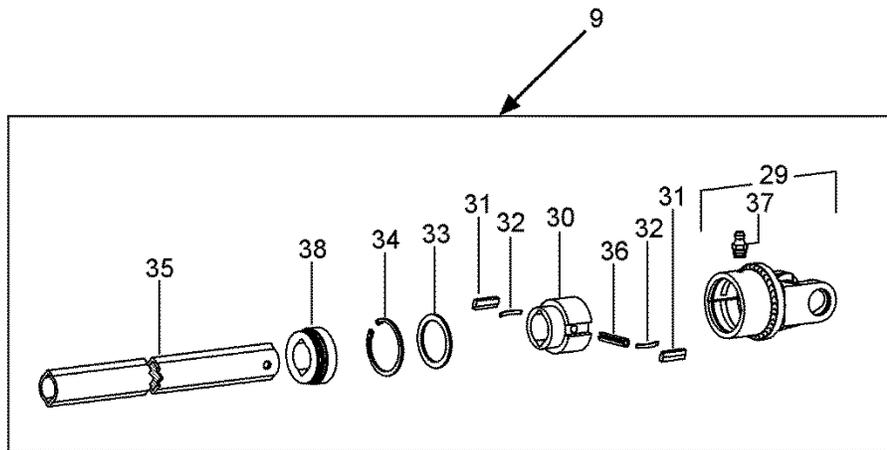
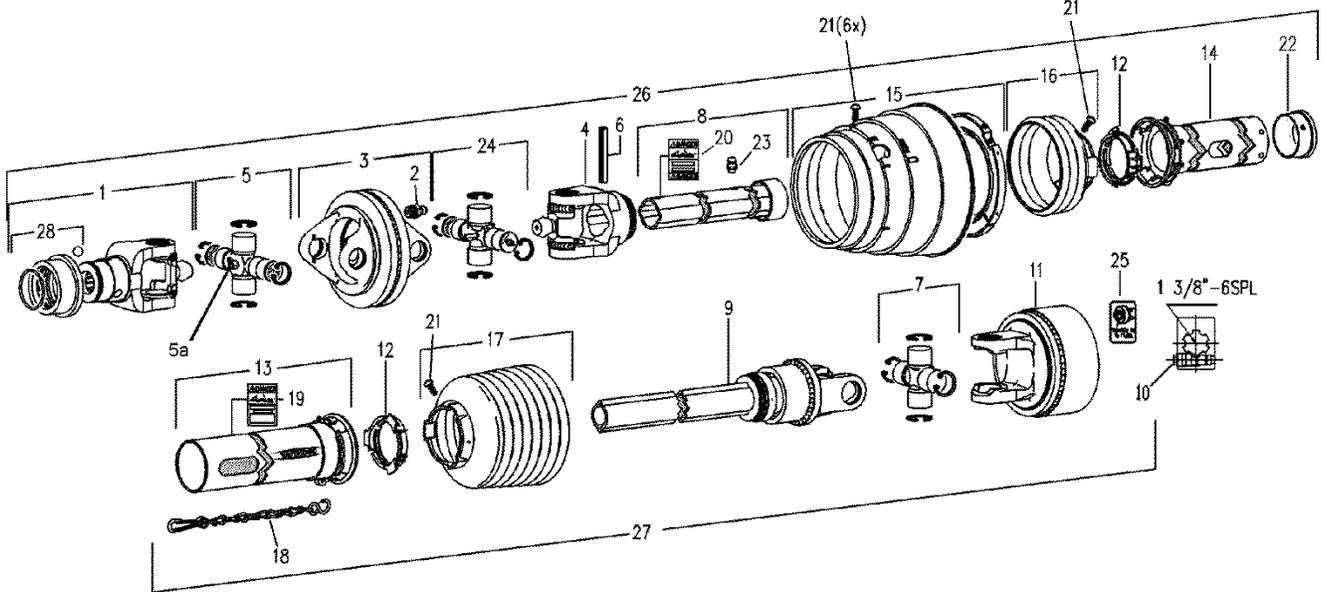


WARNING: HYDRAULIC FLUID ESCAPING UNDER PRESSURE CAN HAVE SUFFICIENT FORCE TO CAUSE INJURY. KEEP ALL HOSES AND CONNECTIONS IN GOOD SERVICEABLE CONDITION. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.

Whenever working on any part of the hydraulics, safely relieve hydraulic pressure before starting.

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**1000 RPM PTO DRIVE SHAFT-LEMON PROFILE
918-0208 (STANDARD 8720) (OPTIONAL 8865)**

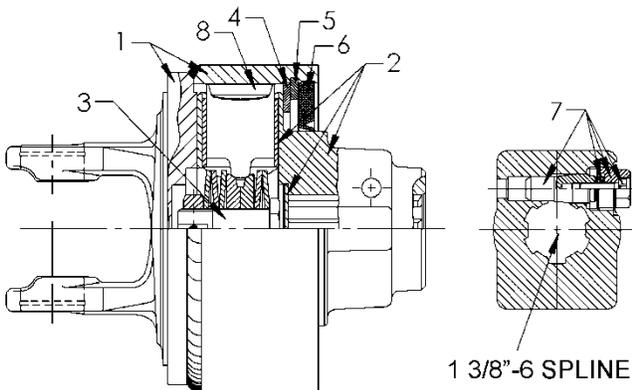


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**1000 RPM PTO DRIVE SHAFT-LEMON PROFILE
918-0208 (STANDARD 8720) (OPTIONAL 8865)**

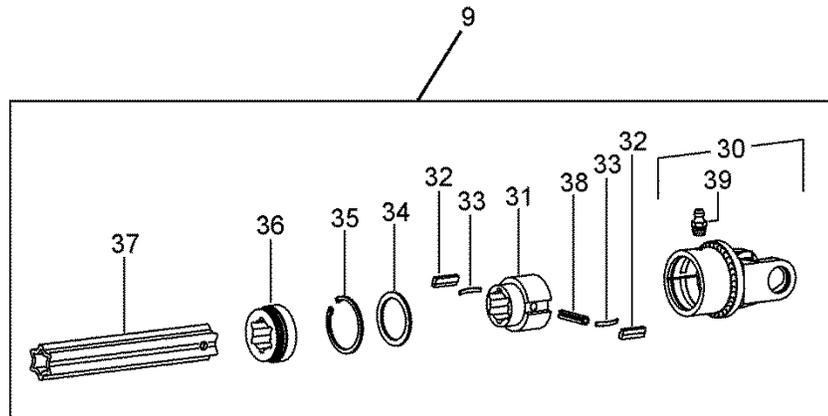
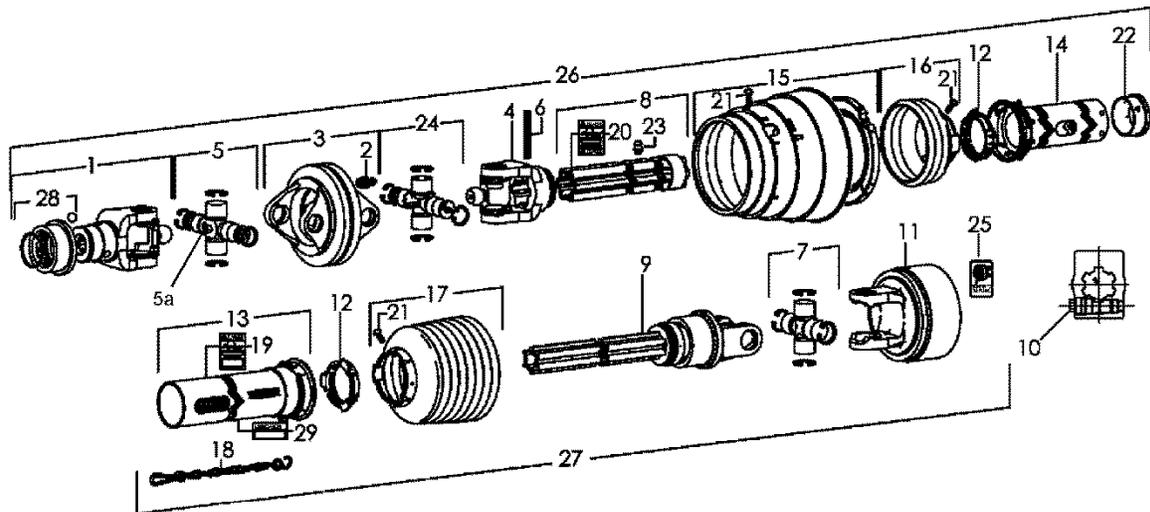
| KEY | PART NO. | DESCRIPTION |
|-----|----------------|--|
| 0 | 918-0208 | 1-3/8"-21 Spline 1000 RPM PTO (Prior To SN SI078720/8865288) |
| 1 | 918-0208-1-1 | Yoke 1-3/8"-21 Splined Assembly |
| 2 | 918-0208-1-2 | Grease Zerk in item 3 |
| 3 | 918-0208-1-3 | Double Yoke |
| 4 | 918-0208-1-4 | Inboard Yoke |
| 5 | 918-0208-1-5 | Cross and Bearing Kit |
| 5a | 918-0208-1-5-1 | M8 x 1 67.5* Zerk in Cross & Bearing |
| 6 | 918-0208-1-6 | Spring Pin 10 x 80 |
| 7 | 918-0208-2-1 | Cross and Bearing Kit |
| 8 | 918-0208-1-14 | Profile and Sleeve Wa |
| 9 | 918-0208-2-2 | Overrunning Clutch & 1bGA Profile Assy. |
| 9a | 918-0208-2-2-1 | 1bGA Profile Male Tube Only |
| 10 | 918-0208-2-3-1 | Clamping Cone Bolt (Included in Item 11) |
| 11 | 918-0208-2-3 | Cut Out Clutch |
| 12 | 918-0208-2-4 | Bearing Ring SC25 |
| 13 | 918-0208-2-5 | Outer Shield Tube OVL |
| 14 | 918-0208-1-7 | Inner shield Tube Round |
| 15 | 918-0208-1-8 | CV Cone & Bearing Assy. |
| 16 | 918-0208-1-9 | Shield Cone 3 Rib |
| 17 | 918-0208-2-6 | Shield Cone 8 Rib |
| 18 | 918-0208-2-7 | Safety Chain |

| KEY | PART NO. | DESCRIPTION |
|-----|-----------------|--|
| 19 | 918-0208-2-8 | Safety Sign Decal Outer - In Item 13 |
| 20 | 918-0208-1-10 | Safety Sign Decal Inner - In Item 8 |
| 21 | 918-0208-2-9 | Screw-In Item 15,16 & 17 |
| 22 | 918-0208-1-11 | Support Bearing |
| 23 | 918-0208-1-12 | Zerk-In Item 8 |
| 24 | 918-0208-1-13 | Cross and Bearing Kit |
| 25 | 918-0208-2-10 | Safety Sign-K64 |
| 26 | 918-0208-1 | 1-3/8"-21 Spline Tractor Half Assembly |
| 27 | 918-0208-2 | 1000 RPM Cutout Clutch Implement Half Assembly |
| 28 | 918-0208-1-1-1 | AS-Lock Kit For Item 1 (Inc. Ring, Collar & Balls) |
| 29 | 918-0208-2-2-2 | Clutch Housing |
| 30 | 918-0208-2-2-3 | Hub |
| 31 | 18-0119-1-1-2 | Key |
| 32 | 18-0119-1-1-1 | Leaf Spring |
| 33 | 918-0308-2-1-3 | Supporting Ring |
| 34 | 18-0119-1-1-6 | Retaining Ring |
| 35 | 918-0208-2-2-1 | Profile - 1bGA |
| 36 | 918-0308-2-1-12 | Spring Pin 10mm x 55mm |
| 37 | 918-0208-1-2 | Grease Zerk |
| 38 | 918-0208-2-2-4 | Bearing Ring |



| KEY | PART NO. | DESCRIPTION |
|-----|-----------------|----------------------|
| 1 | 918-0208-2-3-2 | Housing |
| 2 | 918-0208-2-3-3 | Hub |
| 3 | 918-0208-2-3-4 | Spring Pack |
| 4 | 918-0208-2-3-5 | Washer |
| 5 | 918-0208-2-3-6 | Retaining Ring |
| 6 | 918-0208-2-3-7 | Sealing Ring |
| 7 | 918-0208-2-3-1 | Clamp Cone Assembly |
| 8 | 918-0208-2-3-8 | Cam |
| NS | 918-0208-2-3-9 | Bushing - In Item #2 |
| NS | 918-0208-2-3-11 | Shim Kit |

**1000 RPM PTO DRIVE SHAFT-STAR PROFILE
918-0308/918-0408 (STANDARD 8720) (OPTIONAL 8865)**

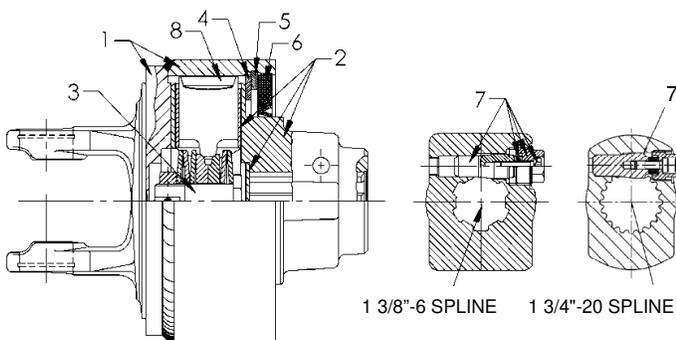


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**1000 RPM PTO DRIVE SHAFT-STAR PROFILE
918-0308/918-0408 (STANDARD 8720) (OPTIONAL 8865)**

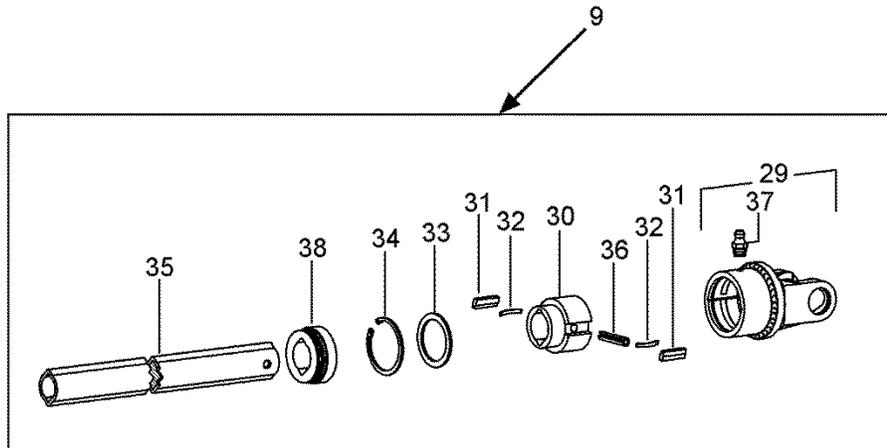
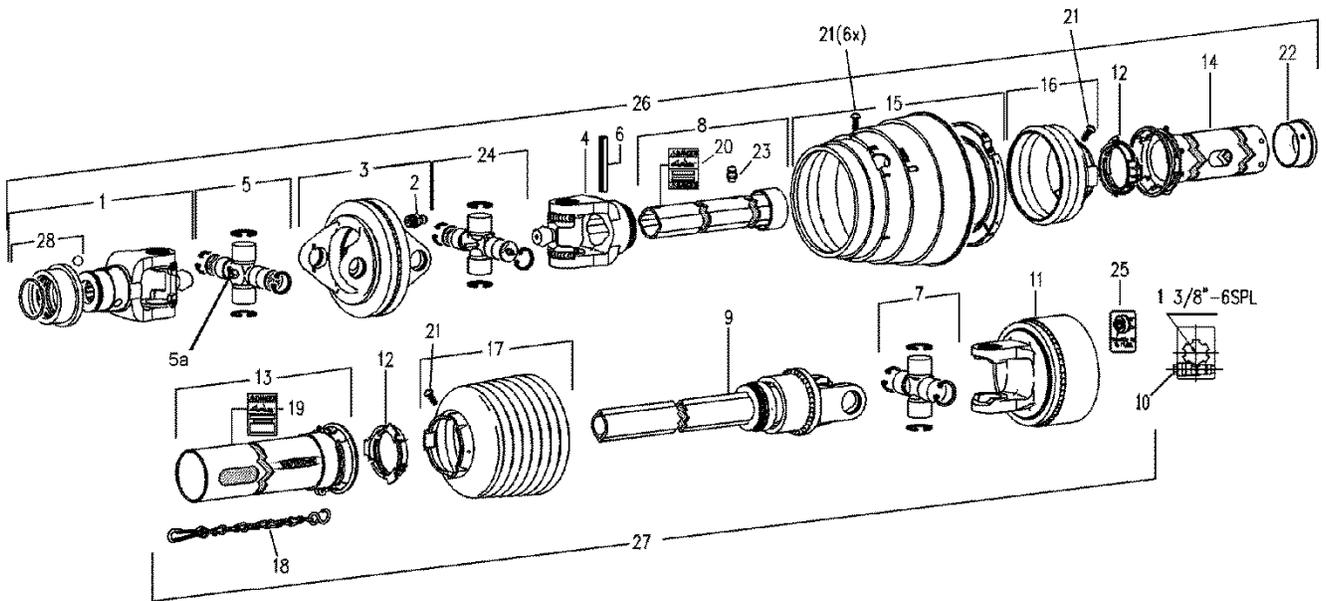
| KEY | PART NO. | DESCRIPTION |
|-----|----------------|---|
| 0 | 918-0308 | 1-3/8"-21 Spline 1000 RPM PTO (SN SI078720/8865288 Through SN SI088720/8865425) |
| | 918-0408 | 1-3/8"-21 Spline 1000 RPM PTO (SN SI088720/8865426 & Later) |
| 1 | 918-0208-1-1 | Yoke 1-3/8"-21 Splined Assy. |
| 2 | 918-0208-1-2 | Grease Zerk in Item 3 & 9 |
| 3 | 918-0208-1-3 | Double Yoke |
| 4 | 918-0308-1-1 | Inboard Yoke |
| 5 | 918-0208-1-5 | Cross and Bearing Kit |
| 5a | 918-0208-1-5-1 | M8x1 67.5* Zerk in Cross & Bearing |
| 6 | 918-0208-1-6 | Spring Pin 10 x 80 |
| 7 | 918-0208-2-1 | Cross and Bearing Kit |
| 8 | 918-0308-1-2 | Profile S5 and Sleeve Welded Assembly |
| 9 | 918-0308-2-1 | Overrunning Clutch & S4LGA Profile Assembly |
| 10 | 918-0208-2-3-1 | Clamp Cone Locking Pin (SN SI078720/8865288 Through SN SI088720/8865425) |
| | 918-0410-2-1-1 | Clamp Cone Locking Pin (SN SI088720/8865426 & Later) |
| 11 | 918-0308-2-2 | Cut Out Clutch (SN SI078720/8865288 Through SN SI088720/8865425) |
| | 918-0410-2-1 | Cut Out Clutch (SN SI088720/8865426 & Later) |
| 12 | 918-0208-2-4 | Bearing Ring SC25 |
| 13 | 918-0308-2-3 | Outer Shield Tube OVL |
| 14 | 918-0308-2-4 | Inner Shield Tube Round |

| KEY | PART NO. | DESCRIPTION |
|-----|------------------|--|
| 15 | 918-0308-1-3 | CV Cone and Bearing Assy. |
| 16 | 918-0308-1-4 | Shield Cone 3-Rib |
| 17 | 918-0308-2-5 | Shield Cone 8-Rib |
| 18 | 918-0208-2-7 | Safety Chain |
| 19 | 918-0208-2-8 | Safety Sign Decal Outer-In Item 13 |
| 20 | 918-0208-1-10 | Safety Sign Decal Inner-In Item 8 |
| 21 | 918-0208-2-9 | Screw-In Item 15,16 & 17 |
| 22 | 918-0208-1-11 | Support Bearing |
| 23 | 918-0208-1-12 | Zerk-In Item 8 |
| 24 | 918-0208-1-13 | Cross and Bearing Kit |
| 25 | 918-0208-2-10 | Safety Sign-K64 |
| 26 | 918-0308-1 | 1-3/8-21 Spline Tractor Half Assy. |
| 27 | 918-0308-2 | 1000 RPM Implement 1/2 Assy. (SN SI078720/8865288 Through SN SI088720/8865425) |
| | 918-0410-2 | 1000 RPM Implement 1/2 Assy. (SN SI088720/8865426 & Later) |
| 28 | 18-0117-1-1-1 | Assembly Collar Kit (Inc. Ring, Collar & Balls) |
| 29 | 918-0308-2-6 | Lubrication Safety sign |
| 30 | 918-0308-2-1-1-5 | Clutch Housing |
| 31 | 918-0308-2-1-10 | Hub |
| 32 | 18-0119-1-1-2 | Key |
| 33 | 18-0119-1-1-1 | Leaf Spring |
| 34 | 918-0308-2-1-3 | Supporting Ring |
| 35 | 18-0119-1-1-6 | Retaining Ring |
| 36 | 918-0308-2-1-11 | Bearing Ring |
| 37 | 918-0308-2-1-8 | Profile - S4LGA |
| 38 | 918-0308-2-1-12 | Spring Pin 10mm x 55mm |
| 39 | 918-0208-1-2 | Grease Zerk |



| KEY | PART NO. | DESCRIPTION |
|-----|-----------------|--|
| 1 | 918-0308-2-2-1 | Housing |
| 2 | 918-0308-2-2-2 | Hub (SN SI078720/8865288 Through SN SI088720/8865425) |
| | 618-0003-2-1 | Hub (SN SI088720/8865426 & Later) |
| 3 | 918-0308-2-2-3 | Spring Pack |
| 4 | 918-0208-2-3-5 | Washer |
| 5 | 918-0208-2-3-6 | Retaining Ring |
| 6 | 918-0208-2-3-7 | Sealing Ring |
| 7 | 918-0208-2-3-1 | Clamp Cone Locking Pin (SN SI078720/8865288 Through SN SI088720/8865425) |
| | 918-0410-2-1-1 | Clamp Cone Locking Pin (SN SI088720/8865426 & Later) (1-3/4-20 Spline) |
| 8 | 918-0308-2-2-4 | Cam |
| NS | 918-0208-2-3-9 | Bushing-In Item #2 |
| NS | 918-0208-2-3-11 | Shim Kit |

**1000 RPM PTO DRIVE SHAFT-LEMON PROFILE
918-0210 (OPTIONAL 8720) (STANDARD 8865)**

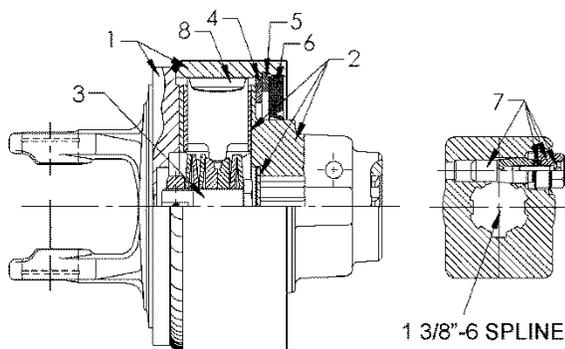


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**1000 RPM PTO DRIVE SHAFT-LEMON PROFILE
918-0210(OPTIONAL 8720) (STANDARD 8865)**

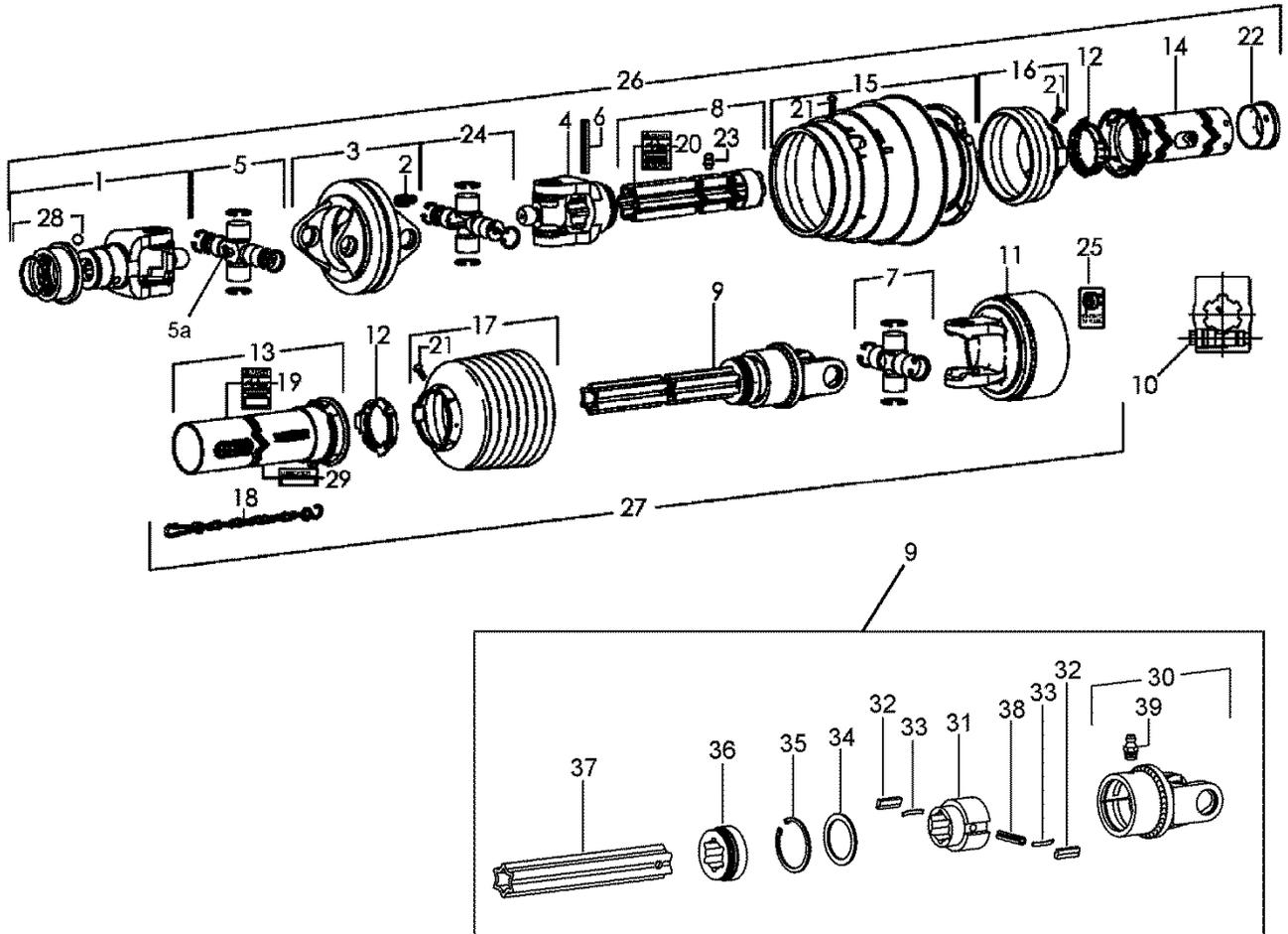
| KEY | PART NO. | DESCRIPTION |
|-----|----------------|--|
| 0 | 918-0210 | 1-3/4"-20 Spline 1000 RPM PTO (Prior To SN SI078720/8865288) |
| 1 | 918-0210-1-1 | Yoke 1-3/4"-20 Splined Assembly |
| 2 | 918-0208-1-2 | Grease Zerk in item 3 |
| 3 | 918-0208-1-3 | Double Yoke |
| 4 | 918-0208-1-4 | Inboard Yoke |
| 5 | 918-0208-1-5 | Cross and Bearing Kit |
| 5a | 918-0208-1-5-1 | M8x1 67.5* Zerk in Cross & Bearing |
| 6 | 918-0208-1-6 | Spring Pin 10 x 80 |
| 7 | 918-0208-2-1 | Cross and Bearing Kit |
| 8 | 918-0208-1-14 | Profile and Sleeve Wa |
| 9 | 918-0208-2-2 | Overrunning Clutch & 1bGA Profile Assy. |
| 9a | 918-0208-2-2-1 | 1bGA Profile Male Tube Only |
| 10 | 918-0208-2-3-1 | Clamping Cone Bolt (Included in Item 11) |
| 11 | 918-0208-2-3 | Cut Out Clutch |
| 12 | 918-0208-2-4 | Bearing Ring SC25 |
| 13 | 918-0208-2-5 | Outer Shield Tube OVL |
| 14 | 918-0208-1-7 | Inner shield Tube Round |
| 15 | 918-0208-1-8 | CV Cone & Bearing Assy. |
| 16 | 918-0208-1-9 | Shield Cone 3 Rib |
| 17 | 918-0208-2-6 | Shield Cone 8 Rib |
| 18 | 918-0208-2-7 | Safety Chain |
| 19 | 918-0208-2-8 | Safety Sign Decal Outer - In Item 13 |

| KEY | PART NO. | DESCRIPTION |
|-----|-----------------|--|
| 20 | 918-0208-1-10 | Safety Sign Decal Inner - In Item 8 |
| 21 | 918-0208-2-9 | Screw-In Item 15,16 & 17 |
| 22 | 918-0208-1-11 | Support Bearing |
| 23 | 918-0208-1-12 | Zerk-In Item 8 |
| 24 | 918-0208-1-13 | Cross and Bearing Kit |
| 25 | 918-0208-2-10 | Safety Sign-K64 |
| 26 | 918-0210-1 | 1-3/4-20 Spline Tractor Half Assembly |
| 27 | 918-0208-2 | 1000 RPM Cutout Clutch Implement Half Assembly |
| 28 | 918-0210-1-1-1 | AS-Lock Kit For Item 1 (Inc. Ring, Collar & Balls) |
| 29 | 918-0208-2-2-2 | Clutch Housing |
| 30 | 918-0208-2-2-3 | Hub |
| 31 | 18-0119-1-1-2 | Key |
| 32 | 18-0119-1-1-1 | Leaf Spring |
| 33 | 918-0308-2-1-3 | Supporting Ring |
| 34 | 18-0119-1-1-6 | Retaining Ring |
| 35 | 918-0208-2-2-1 | Profile - 1bGA |
| 36 | 918-0308-2-1-12 | Spring Pin 10mm x 55mm |
| 37 | 918-0208-1-2 | Grease Zerk |
| 38 | 918-0208-2-2-4 | Bearing Ring |



| KEY | PART NO. | DESCRIPTION |
|-----|-----------------|----------------------|
| 1 | 918-0208-2-3-2 | Housing |
| 2 | 918-0208-2-3-3 | Hub |
| 3 | 918-0208-2-3-4 | Spring Pack |
| 4 | 918-0208-2-3-5 | Washer |
| 5 | 918-0208-2-3-6 | Retaining Ring |
| 6 | 918-0208-2-3-7 | Sealing Ring |
| 7 | 918-0208-2-3-1 | Clamp Cone Assembly |
| 8 | 918-0208-2-3-8 | Cam |
| NS | 918-0208-2-3-9 | Bushing - In Item #2 |
| NS | 918-0208-2-3-11 | Shim Kit |

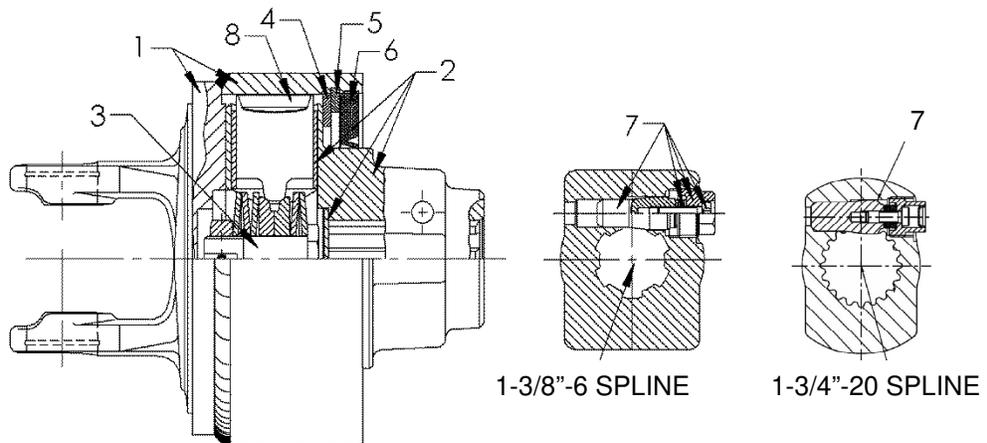
**1000 RPM PTO DRIVE SHAFT-STAR PROFILE
918-0310/918-0410 (OPTIONAL 8720) (STANDARD 8865)**



8720-8865-918-0310-PTODriveShaft.cdr

**1000 RPM PTO DRIVE SHAFT-STAR PROFILE
918-0310/918-0410 (OPTIONAL 8720) (STANDARD 8865)**

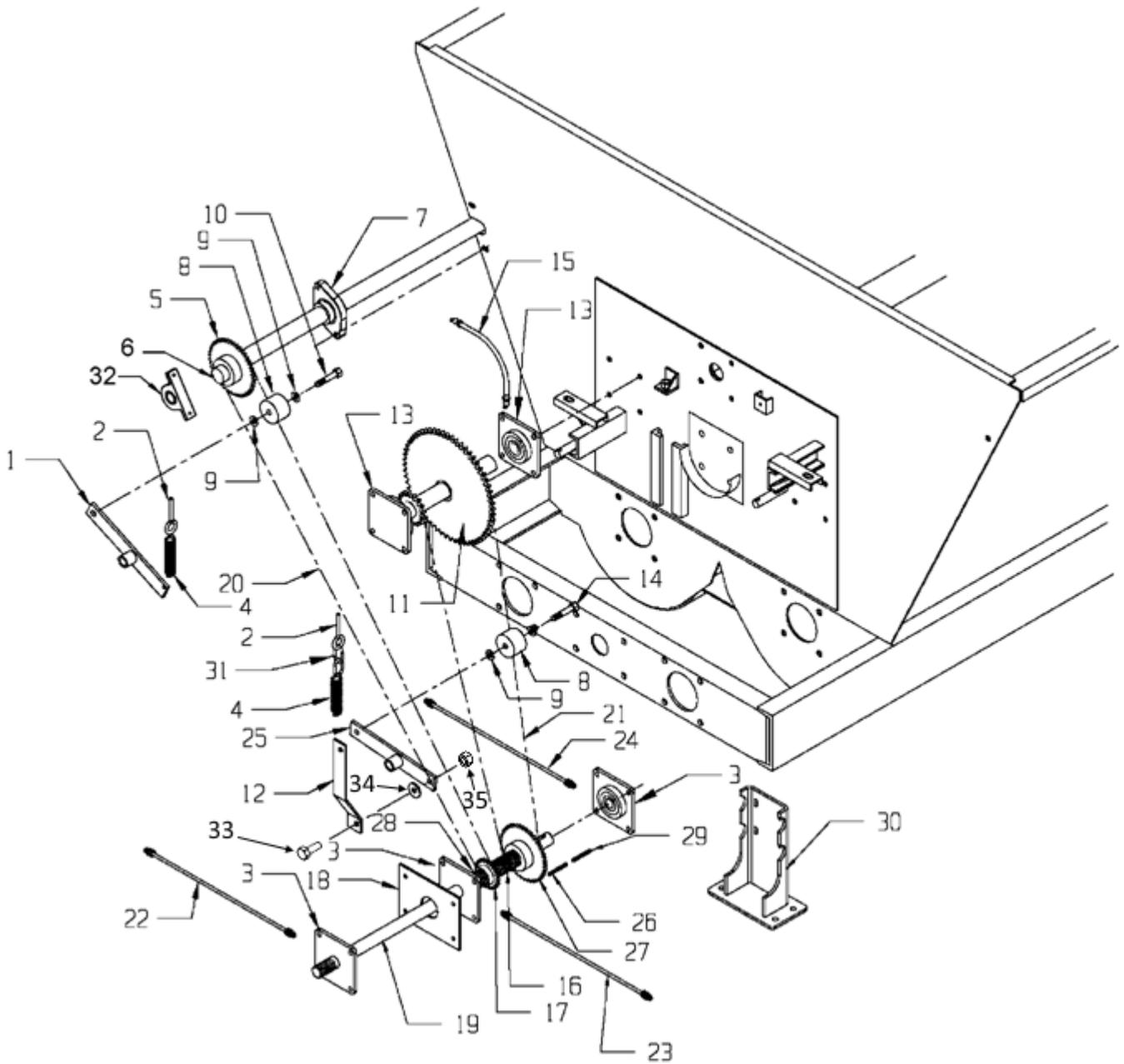
| KEY | PART NO. | DESCRIPTION |
|-----|------------------|---|
| 0 | 918-0310 | 1-3/4"-20 Spline 1000 RPM PTO (SN SI078720/8865288 Through SN SI088720/8865425) |
| | 918-0410 | 1-3/4"-20 Spline 1000 RPM PTO (SN SI088720/8865426 & Later) |
| 1 | 918-0210-1-1 | Yoke 1-3/4"-20 Splined Assembly |
| 2 | 918-0208-1-2 | Grease Zerk in Item 3 & 9 |
| 3 | 918-0208-1-3 | Double Yoke |
| 4 | 918-0308-1-1 | Inboard Yoke |
| 5 | 918-0208-1-5 | Cross and Bearing Kit |
| 5a | 918-0208-1-5-1 | M8x1 67.5* Zerk in Cross & Bearing |
| 6 | 918-0208-1-6 | Spring Pin 10 x 80 |
| 7 | 918-0208-2-1 | Cross and Bearing Kit |
| 8 | 918-0308-1-2 | Profile S5 and Sleeve Welded Assembly |
| 9 | 918-0308-2-1 | Overrunning Clutch & S4LGA Profile Assembly |
| 10 | 918-0208-2-3-1 | Clamp Cone Locking Pin (SN SI078720/8865288 Through SN SI088720/8865425) |
| | 918-0410-2-1-1 | Clamp Cone Locking Pin (SN SI088720/8865426 & Later) |
| 11 | 918-0308-2-2 | Cut Out Clutch (SN SI078720/8865288 Through SN SI088720/8865425) (See Page 38) |
| | 918-0410-2-1 | Cut Out Clutch (SN SI088720/8865426 & Later)(See Page 38) |
| 12 | 918-0208-2-4 | Bearing Ring SC25 |
| 13 | 918-0308-2-3 | Outer Shield Tube OVL |
| 14 | 918-0308-2-4 | Inner Shield Tube Round |
| 15 | 918-0308-1-3 | CV Cone and Bearing Assembly |
| 16 | 918-0308-1-4 | Shield Cone 3-Rib |
| 17 | 918-0308-2-5 | Shield Cone 8-Rib |
| 18 | 918-0208-2-7 | Safety Chain |
| 19 | 918-0208-2-8 | Safety Sign Decal Outer - In Item 13 |
| 20 | 918-0208-1-10 | Safety Sign Decal Inner - In Item 8 |
| 21 | 918-0208-2-9 | Screw-In Item 15,16 & 17 |
| 22 | 918-0208-1-11 | Support Bearing |
| 23 | 918-0208-1-12 | Zerk-In Item 8 |
| 24 | 918-0208-1-13 | Cross and Bearing Kit |
| 25 | 918-0208-2-10 | Safety Sign-K64 |
| 26 | 918-0310-1 | 1-3/4-20 Spline Tractor Half Assembly |
| 27 | 918-0308-2 | 1000 RPM Implement 1/2 Assembly (SN SI078720/8865288 Through SN SI088720/8865425) |
| | 918-0410-2 | 1000 RPM Implement 1/2 Assembly (SN SI088720/8865426 & Later) |
| 28 | 918-0210-1-1-1 | Assembly Collar Kit (Inc. Ring, Collar & Balls) |
| 29 | 918-0308-2-6 | Lubrication Safety Sign |
| 30 | 918-0308-2-1-1-5 | Clutch Housing |
| 31 | 918-0308-2-1-10 | Hub |
| 32 | 18-0119-1-1-2 | Key |
| 33 | 18-0119-1-1-1 | Leaf Spring |
| 34 | 918-0308-2-1-3 | Supporting Ring |
| 35 | 18-0119-1-1-6 | Retaining Ring |
| 36 | 918-0308-2-1-11 | Bearing Ring |
| 37 | 918-0308-2-1-8 | Profile - S4LGA |
| 38 | 918-0308-2-1-12 | Spring Pin 10mm x 55mm |
| 39 | 918-0208-1-2 | Grease Zerk |



| KEY | PART NO. | DESCRIPTION |
|-----|-----------------|---|
| 1 | 918-0308-2-2-1 | Housing |
| 2 | 918-0308-2-2-2 | Hub (SN SI078720/8865288 Through SN SI088720/8865425) |
| | 618-0003-2-1 | Hub (SN SI088720/8865426 & Later) |
| 3 | 918-0308-2-2-3 | Spring Pack |
| 4 | 918-0208-2-3-5 | Washer |
| 5 | 918-0208-2-3-6 | Retaining Ring |
| 6 | 918-0208-2-3-7 | Sealing Ring |
| 7 | 918-0208-2-3-1 | Clamp Cone Locking Pin (SN SI078720/8865288 Through SN SI088720/8865425) (1-3/8-6 Spline) |
| | 918-0410-2-1-1 | Clamp Cone Locking Pin (SN SI088720/8865426 & Later) (1-3/4-20 Spline) |
| 8 | 918-0308-2-2-4 | Cam |
| NS | 918-0208-2-3-9 | Bushing-In Item #2 |
| NS | 918-0208-2-3-11 | Shim Kit |

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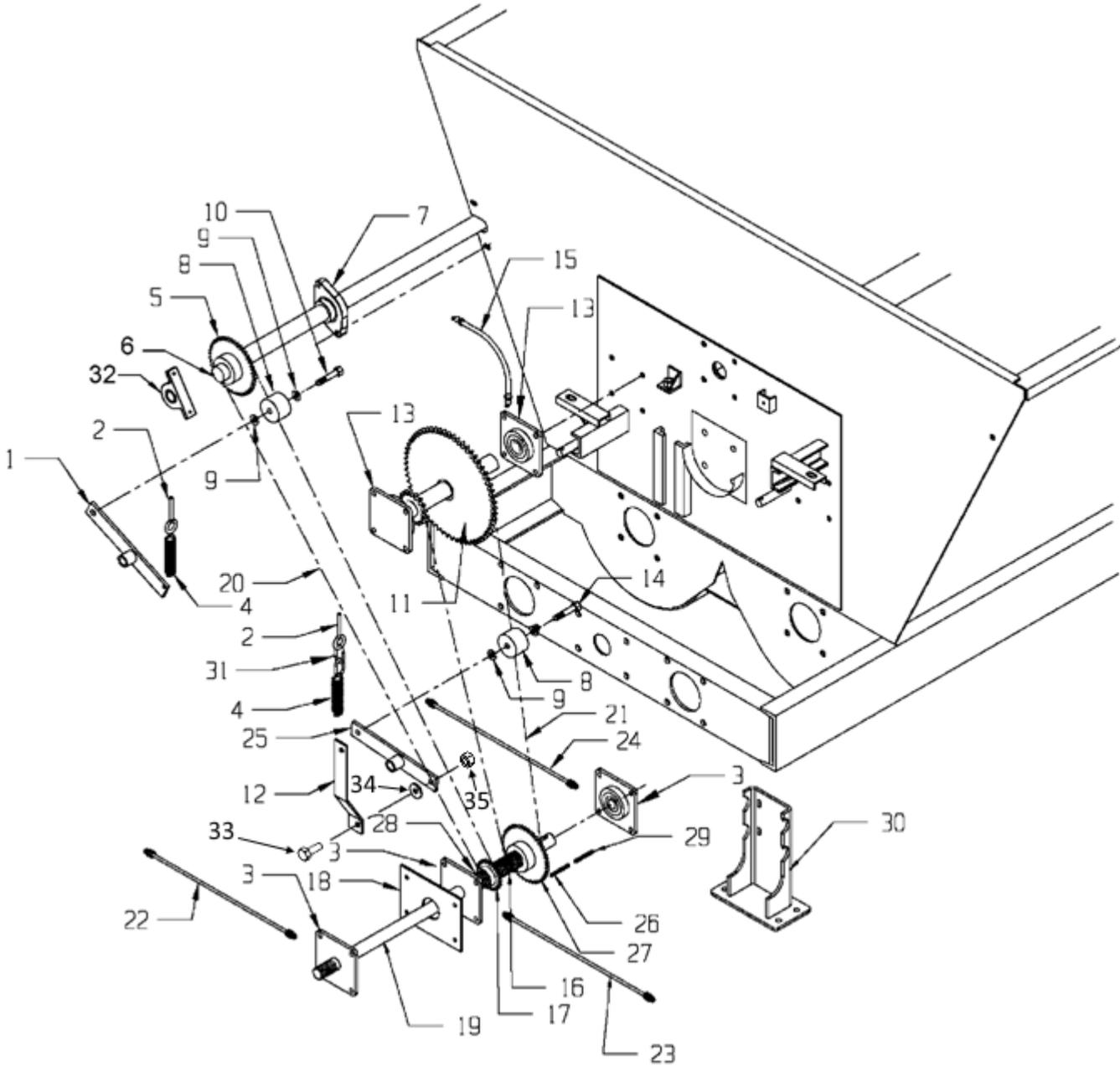
FIRST REDUCTION & SPINNER DRIVE



FIRST REDUCTION & SPINNER DRIVE

| KEY | PART NO. | DESCRIPTION |
|-----|--------------------|--|
| 1 | 925-3720 | Tightener Arm Assembly, Spinner Drive |
| 2 | 933-3804 | Eyebolt, 5/16 x 5" / 4" Thread Length |
| 3 | 914-3602 | 1-1/2" 4-Bolt Bearing (Prior to SN SI088720/8865426) |
| | 914-3819 | 1-3/4" 4-Bolt Bearing (SN SI088720/8865426 & Later) |
| 4 | 929-0003 | Extension Spring |
| 5 | 910-0092 | 80B15 Sprocket Side Shaft to Spinner Drive (Clamp Style) |
| 6 | 923-3756 | 8720 Front Side Shaft 81-3/4" Long |
| | 923-3754 | 8865 Front Side Shaft 121-3/4" Long |
| 7 | 914-3814 | 2-Bolt, 1-1/2" Bearing |
| 8 | 912-0013 | 2" Nylon Roller Complete |
| 8A | 912-0013-1 | 2" Nylon Roller Only |
| 8B | 912-0013-2 | Inner Sleeve |
| 9 | 808-.75-1.25-14 | 3/4" I.D. x 1-1/4" O.D. x 14Ga. Machine Bushing |
| 10 | 851-7510-3Z | 3/4-10 x 3" Machine Bolt Zinc |
| 11 | 910-3755 | Reduction Sprocket Weldment (Nonshear) |
| 12 | 925-3777-1 | Tightener Extension Arm |
| 13 | 14-0031 | 2" Bearing 4-Bolt |
| 14 | 925-3779-1 | 3/4-10 x 3" Machine Bolt-Special |
| 15 | 933-3640 | Grease Line, Rear 1st Reduction 21" |
| 16 | 808-1.5-2.25-10 | 12-Machine Bushings (10 - For Split Sprocket) (Prior to SN SI088720/8865426) |
| | 808-1.75-2.5-10 | 12-Machine Bushings (10 - For Split Sprocket) (SN SI088720/8865426 & Later) |
| 17 | 910-0089 | 80B20 1-1/2" Bore Solid Sprocket (715 RPM) (Prior to SN SI088720/8865426) |
| | 910-0120 | 80B20 1-3/4" Bore Solid Sprocket (715 RPM) (SN SI088720/8865426 & Later) |
| 18 | 925-3601 | Front Bearing Plate |
| 19 | 923-3755 | PTO Splined Shaft 1-1/2" x 42-3/4" (Prior to SN SI078720/8865427) |
| | 923-3755-TR | PTO Splined Shaft 1-1/2" x 22-3/4" (Prior to SN SI078720/8865427) (Truck Mount) |
| | 923-3755-S | PTO Splined Shaft 1-1/2" x 34-3/4" (SN SI078720427 Through SN SI088720/8865425) |
| | 923-3755-TR-S | PTO Splined Shaft 1-1/2" x 14-3/4" (SN SI078720427 Through SN SI088720/8865425) (Truck Mount) |
| | 923-3757 | PTO Splined Shaft 1-3/4" x 34-3/4" (SN SI088720/8865426 & Later) |
| | 923-3757-TR | PTO Splined Shaft 1-3/4" x 14-3/4" (SN SI088720/8865426 & Later) (Truck Mount) |
| | SI-87/8865-CSU-OSC | 1-3/4" Center Shaft Update, Old Style Clutch (Prior To SN SI078720/8865288) |
| | SI-87/88TR-CSU-OSC | 1-3/4" Center Shaft Update, Old Style Clutch (Prior To SN SI078720/8865288) |
| | SI-87/8865-CSU-NGC | Center Shaft Update from 1-1/2" to 1-3/4" (SN SI078720/8865288 Through SN SI088720/8865425) |
| 20 | 911-0069 | #80-119 Roller Chain |
| 21 | 911-0054 | #80-94 Roller Chain 1000 RPM |
| | 911-0055 | #80-78 Roller Chain 540 RPM (Truck Mount) |
| 22 | 933-3631 | Grease Line, Front Center Shaft Bearing |
| 23 | 933-3646 | Grease Line, Center Bearing Center Shaft, Left Side |
| 24 | 933-3645 | Grease Line, Rear Center Shaft Bearing to Right Side |

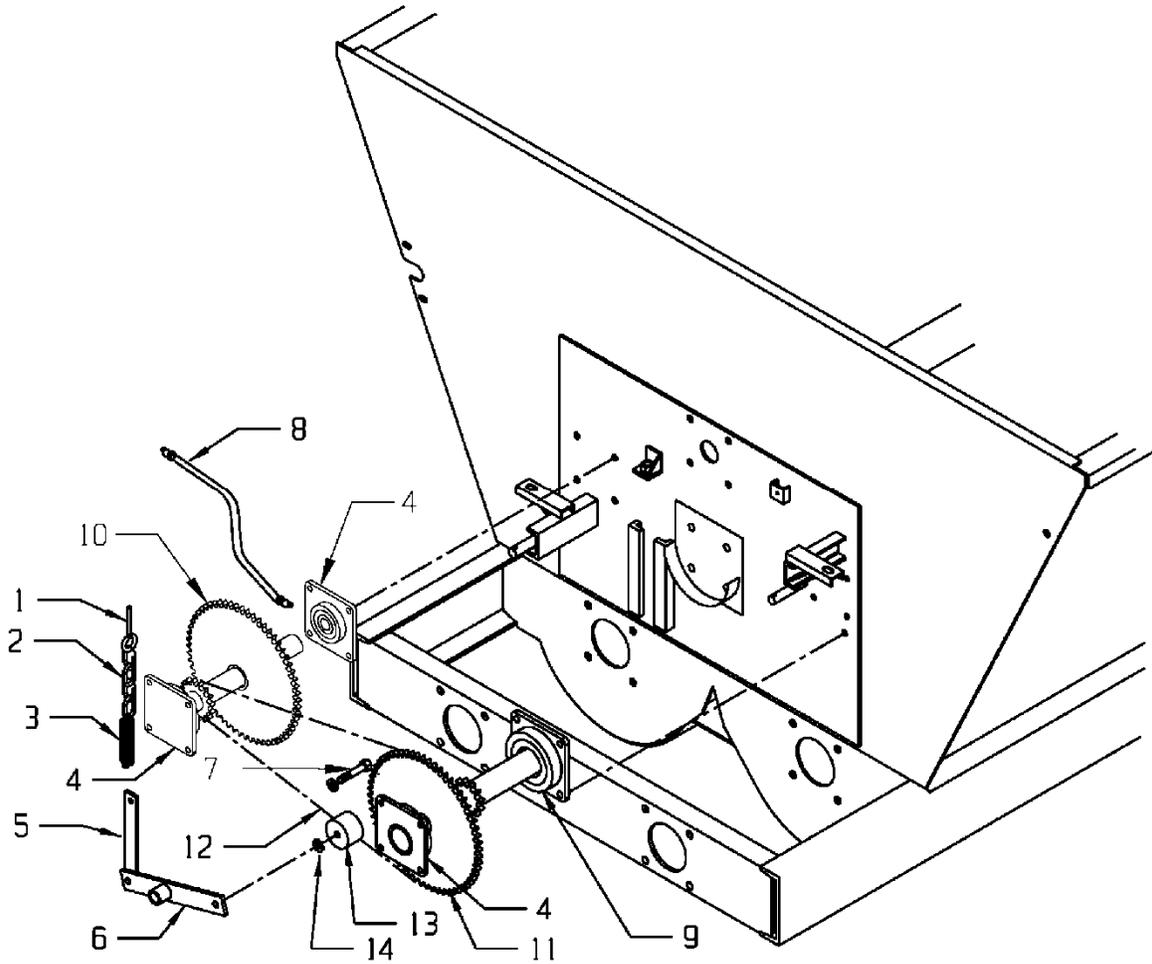
FIRST REDUCTION & SPINNER DRIVE (CONTINUED)



FIRST REDUCTION & SPINNER DRIVE

| KEY | PART NO. | DESCRIPTION |
|-----|-----------------|---|
| 25 | 925-3779 | Tightener Arm Assembly |
| 26 | 35-0010 | Key, 3/8" x 1-1/2" |
| 27 | 910-0074 | 80B24 Split Sprocket 1-1/2" Bore, 11 RPM Standard (Prior to SN SI088720/8865426) |
| | 910-0121 | 80B24 Split Sprocket 1-3/4" Bore, 11 RPM Standard (SN SI088720/8865426 & Later) |
| | 910-0068 | 80B16 Split Sprocket 1-1/2" Bore 7.30 RPM (Prior to SN SI088720/8865426) |
| | 910-0124 | 80B16 Split Sprocket 1-3/4" Bore 7.30 RPM (SN SI088720/8865426 & Later) |
| 27A | 831-5013-1.5 | Split Sprocket 1/2" x 1-1/2" Allen Head Grade 8 Bolt |
| 28 | 808-1.5-2.25-10 | 9-Machine Bushings (6-For Split Sprocket) (Prior to SN SI088720/8865426) |
| | 808-1.75-2.5-10 | Machine Bushings (SN SI088720/8865426 & Later) |
| | 933-3754 | 1-3/4" I.D. Spacer (SN SI088720/8865426 & Later) |
| 29 | 935-0001 | Key, 3/8" x 2", Hardened |
| 30 | 901-3751-30 | Rear Bearing Vertical Back Plate Welded Assembly (SN SI078720/8865427 & Later) (Bolt On Plate Only) |
| 31 | 925-3822-6 | 2-Chain Link For Tightener |
| 32 | 914-3804 | 1-1/2" Pillow Block Bearing |
| 33 | 851-6311-1.75Z | 5/8-11 x 1-3/4" Machine Bolt |
| 34 | 805-0063-Z | 5/8" Flat Washer |
| 35 | 814-6311-Z | 5/8-11 Indented Lock Nut |

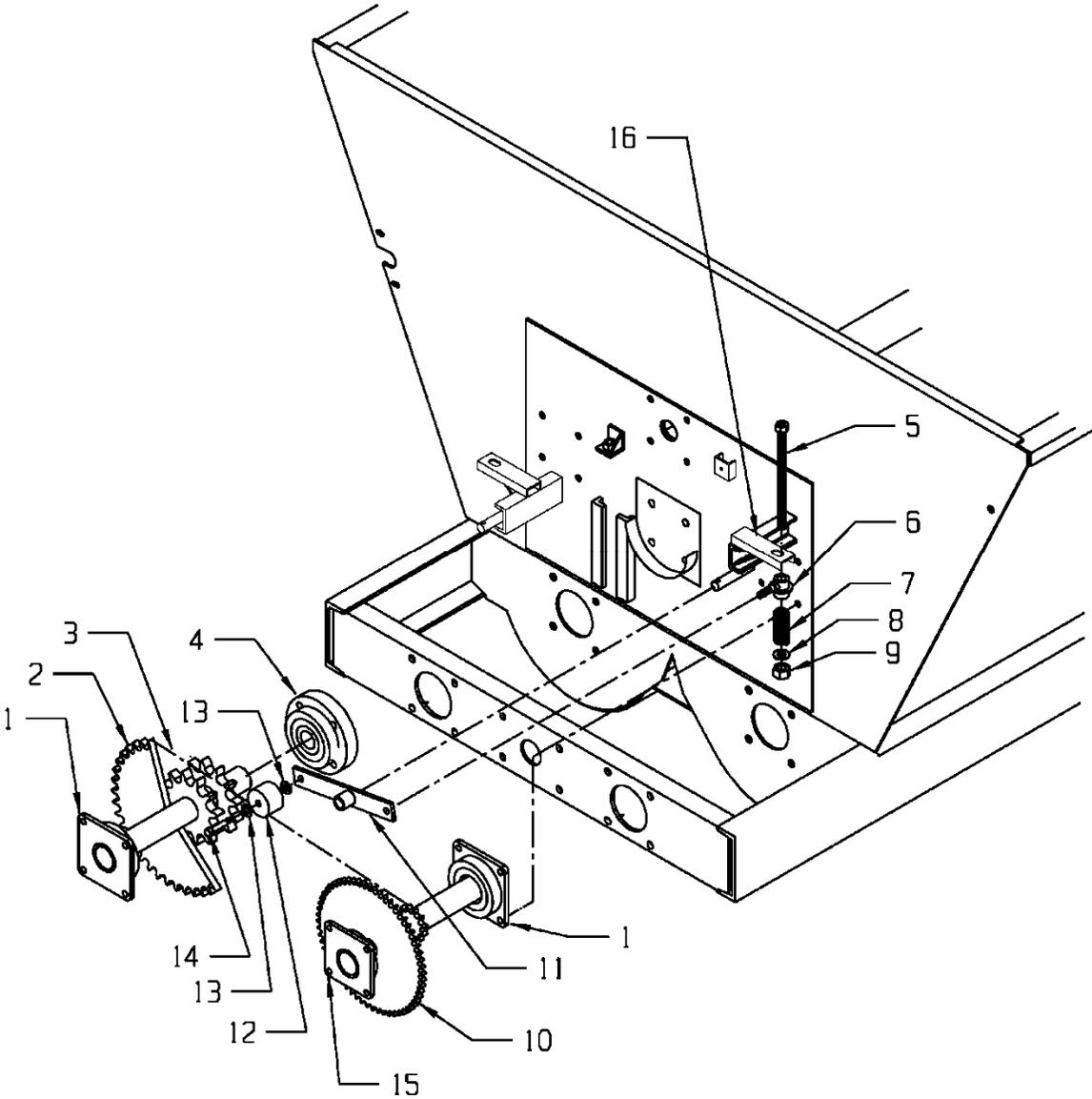
SECOND REDUCTION DRIVE



SECOND REDUCTION DRIVE

| KEY | PART NO. | DESCRIPTION | QTY |
|-----|-----------------|--|-----|
| 1 | 933-3804 | Eyebolt, 5/16" x 5" / 4" Thread Length | 1 |
| 2 | 925-3822-6 | 2-Chain Link For Tightener | 1 |
| 3 | 929-0003 | Extension Spring | 1 |
| 4 | 14-0031 | 2" Bearing 4-Bolt | 2 |
| 5 | 925-3777-2 | Tightener Extension Arm | 1 |
| 6 | 925-3779 | Tightener Arm | 1 |
| 7 | 851-7510-3Z | 3/4-10 x 3" Machine Bolt Zinc | 1 |
| 8 | 933-3642 | Grease Line, 2nd Reduction Rear Bearing, 60" | 1 |
| 9 | 914-3811 | 2-1/2" Bearing, 4-Bolt | 1 |
| 10 | 910-3755 | Reduction Sprocket Weldment (Nonshear) | 1 |
| 11 | 910-3753-HD | Industrial 2nd Reduction Weldment | 1 |
| 12 | 911-0053 | #80-102 Roller Chain, 2nd Reduction Chain | 1 |
| 13 | 912-0013 | 2" Nylon Roller Complete | 1 |
| 13A | 912-0013-1 | 2" Nylon Roller Only | 1 |
| 13B | 912-0013-2 | Inner Sleeve | 1 |
| 14 | 808-.75-1.25-14 | 3/4" ID x 1-1/4" OD Machine Bushing 14 Ga. | 2 |

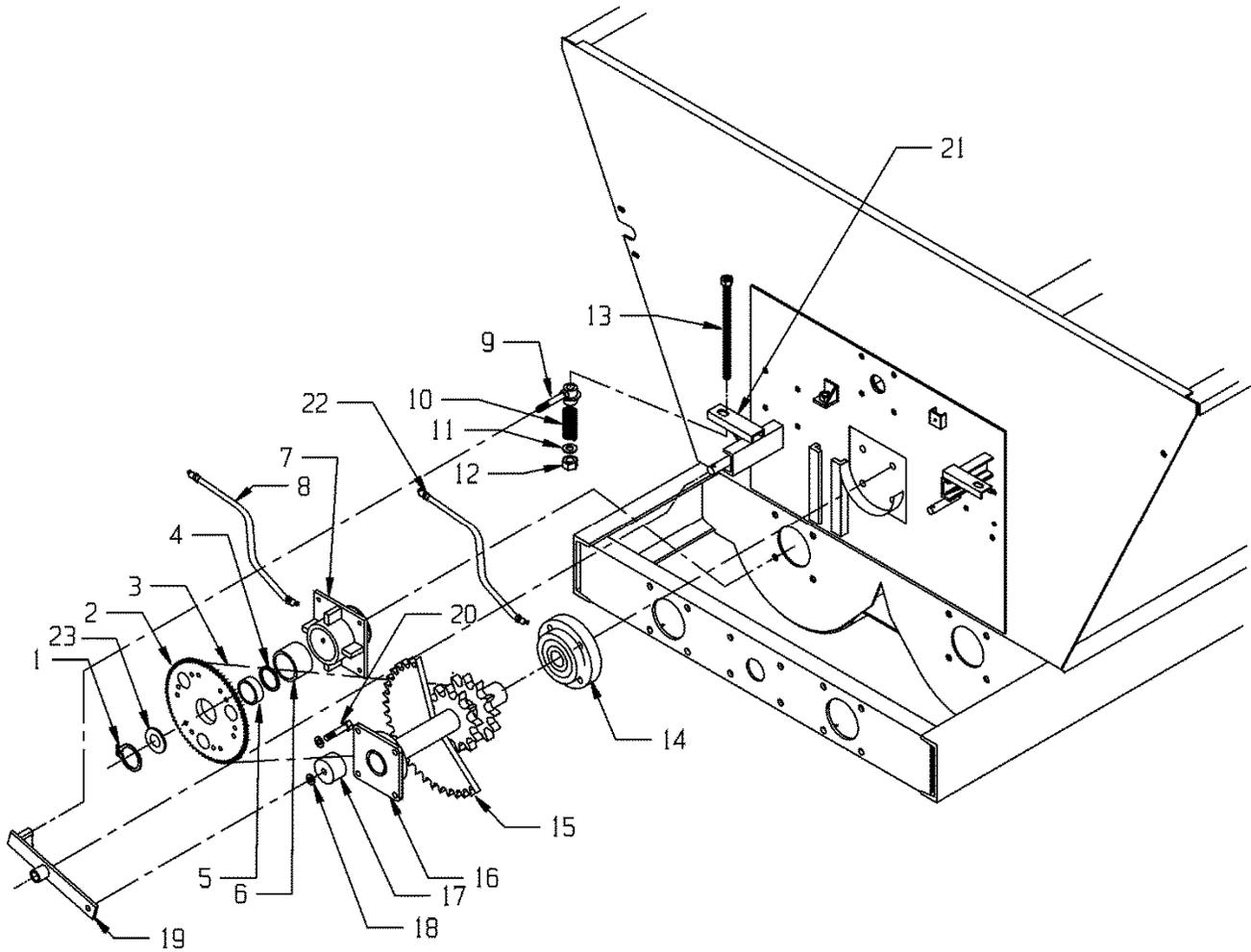
THIRD REDUCTION DRIVE



THIRD REDUCTION DRIVE

| KEY | PART NO. | DESCRIPTION | QTY |
|-----|-----------------|--|-----|
| 1 | 914-3811 | 2 1/2" 4-Bolt Bearing | 2 |
| 2 | 910-3754-HD | Industrial 3rd Reduction Weldment (Prior to SN SI108720/8865347) | 1 |
| | 910-3758 | Industrial 3rd Reduction Weldment 3" Bearing (SN SI108720/8865347 & Later) | 1 |
| 3 | 911-0062 | #120-47 Roller Chain, 3rd Reduction Chain | 1 |
| 4 | 914-3828 | 2-1/2" Round 4-Bolt Bearing (Prior to SN SI108720/8865347) | 1 |
| | 914-3823 | 3" Bearing Assembly (SN SI108720/8865347 & Later) | 1 |
| 5 | 925-3783 | Tightener Bolt Assembly | 1 |
| 6 | 925-3782 | #120 Chain, Tightener Linkage | 1 |
| 7 | 29-0009 | Tightener Spring | 1 |
| 8 | 925-3841-1 | Retaining Washer | 1 |
| 9 | 815-7510-Z | 3/4-10 Nylon Locknut | 2 |
| 10 | 910-3753-HD | Industrial 2nd Reduction | 1 |
| 11 | 925-3779 | Tightener Arm | 1 |
| 12 | 912-0013 | 2" Nylon Roller Complete | 1 |
| 12A | 912-0013-1 | 2" Nylon Roller Only | 1 |
| 12B | 912-0013-2 | Inner Sleeve | 1 |
| 13 | 808-.75-1.25-14 | 3/4" ID x 1-1/4" OD Machine Bushing 14 Ga. | 2 |
| 14 | 851-7510-3Z | 3/4-10 x 3" Machine Bolt Zinc | 1 |
| 15 | 14-0031 | 2" Bearing, 4-Bolt | 1 |
| 16 | 901-3750-49 | #120 Tightener Pivot | 1 |

FINAL REDUCTION, RH AUGER DRIVE

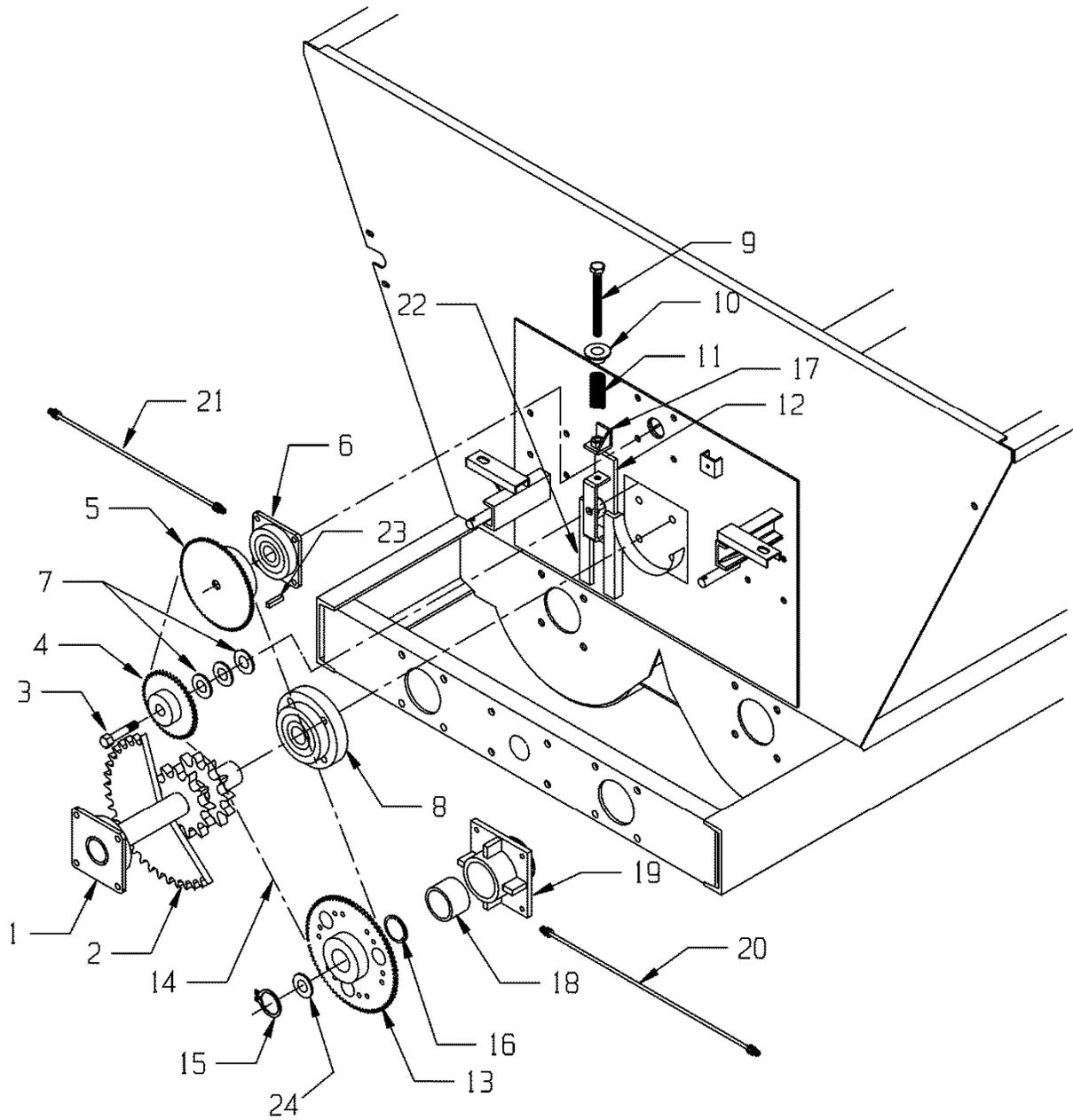


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FINAL REDUCTION, RH AUGER DRIVE

| KEY | PART NO. | DESCRIPTION | QTY |
|-----|------------------|---|-----|
| 1 | 933-3701 | 3" Retaining Ring | 1 |
| 2 | 910-0100 | 140B35 Shear Sprocket Assembly | 1 |
| | 910-0100-1 | Shear Hub & Plate Welded Assembly Only | 1 |
| | 910-0100-2 | Shear Hub Washer Only | 1 |
| 2A | 831-5618-1.50-SL | 9/16-18 x 1-1/2" Allen Head Cap Screw Grade 8 (Standard Protection) | AR |
| | 831-6318-1.5 | 5/8-18 x 1-1/2" Allen Head Cap Screw Grade 8 (Least Protection) | AR |
| 2B | 884-5618 | 9/16-18 Top Locknut Grade 8 | AR |
| | 884-6318 | 5/8-18 Top Locknut Grade 8 | AR |
| 3 | 911-0065 | 140-47 Roller Chain | 1 |
| 4 | 933-3704 | Front Auger Washer Steel | 1 |
| 5 | 933-3750 | Auger Sprocket Spacer 1-1/2" Long | 1 |
| 6 | 913-3701 | Nylon Bushing 3" I.D. x 4" O.D. x 3-3/8" Long | 1 |
| 7 | 925-3766 | Front Bushing Holder Assembly W/Nylon | 1 |
| 8 | 933-3626 | Grease Line, Right Auger Bushing Holder | 1 |
| 9 | 925-3781 | Right Auger Chain Tightener Linkage | 1 |
| 10 | 29-0009 | Tightener Spring | 1 |
| 11 | 925-3841-1 | Retaining Washer | 1 |
| 12 | 815-7510-Z | 3/4-10 Nylon Locknut | 1 |
| 13 | 925-3783 | Tightener Bolt Assembly | 1 |
| 14 | See Page 46 | Round 4-Bolt Bearing | 1 |
| 15 | See Page 46 | Industrial 3rd Reduction Weldment | 1 |
| 16 | See Page 46 | 2-1/2" Bearing 4-Bolt | 1 |
| 17 | 912-0013 | 2" Nylon Roller Complete | 1 |
| 17A | 912-0013-1 | 2" Nylon Roller Only | 1 |
| 17B | 912-0013-2 | Inner Sleeve | 1 |
| 18 | 808-.75-1.25-14 | 3/4" I.D. x 1-1/4" O.D. Machine Bushing 14 Ga. | 2 |
| 19 | 925-3778 | Right Auger Tightener Arm Assembly Less Roller | 1 |
| 20 | 925-3778-3 | 3/4-10 x 2-3/4" Machine Bolt Special | 1 |
| 21 | 901-3751-11 | #120 Tightener Pivot | 1 |
| 22 | 933-3641 | Grease Line, 2-1/2" Rear Bearing | 1 |
| 23 | 933-3711 | 14GA x 3-1/16" ID x 3-1/2" OD Machine Bushing | AR |

FINAL REDUCTION, LH AUGER & THIRD AUGER DRIVE

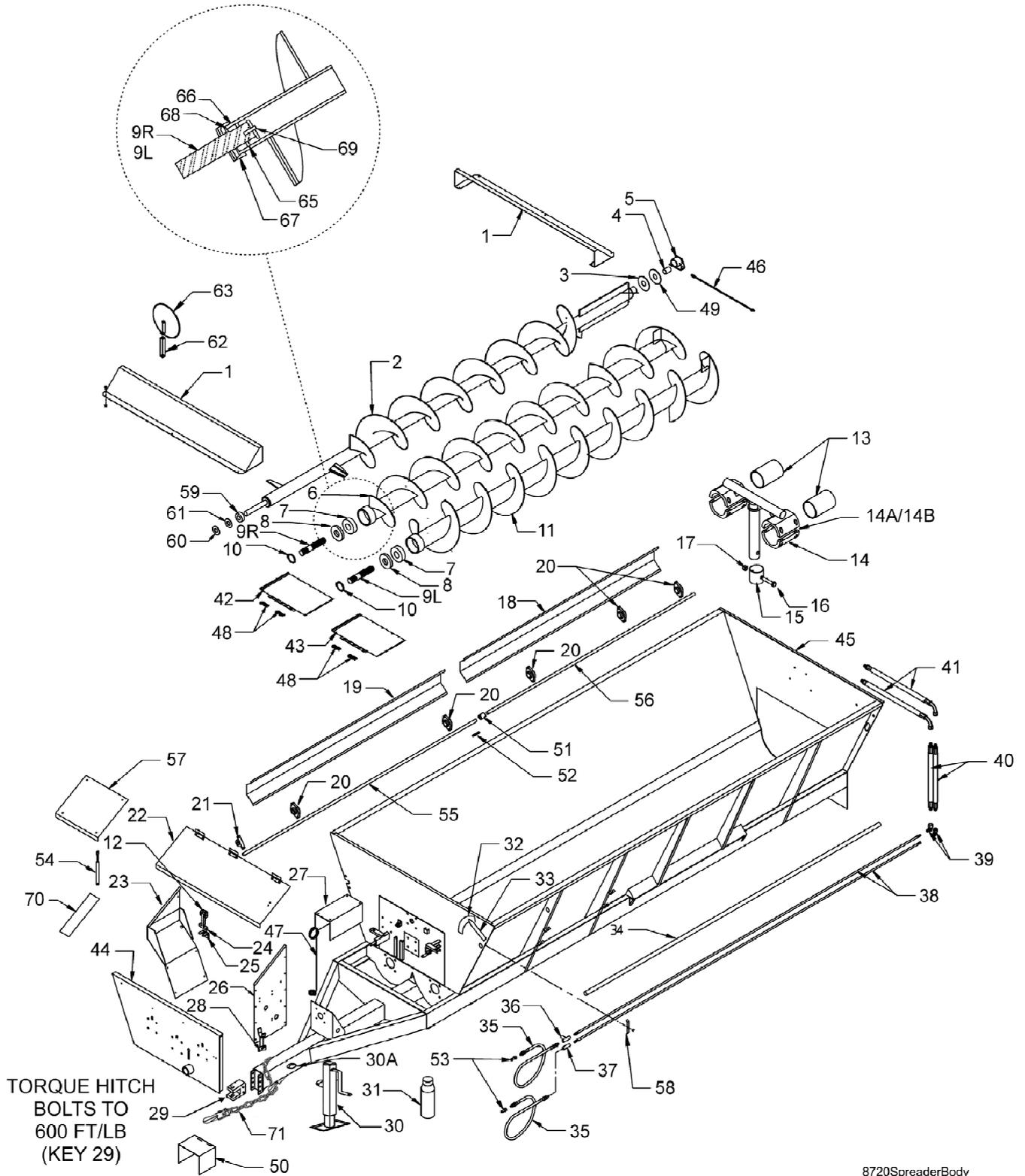


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FINAL REDUCTION, LH AUGER & THIRD AUGER DRIVE

| KEY | PART NO. | DESCRIPTION | QTY |
|-----|------------------|---|-----|
| 1 | See Page 46 | 2-1/2" Bearing 4-Bolt | 1 |
| 2 | See Page 46 | Industrial 3rd Reduction Weldment | 1 |
| 3 | 925-3719-4 | 3/4-10 x 3-1/2" Machine Bolt-Special | 1 |
| 4 | 912-0008 | 140C12 Idler Sprocket | 1 |
| 4A | 910-0006-1 | Idler Bearing | 2 |
| 5 | 910-0087 | 140B28 2-1/2" Bore Sprocket | 1 |
| 6 | 914-3811 | 2-1/2" Bearing 4-Bolt | 1 |
| 7 | 805-0075-Z | 3/4" Flat Washer | AR |
| 8 | See Page 46 | Round 4-Bolt Bearing | 1 |
| 9 | 925-3732 | Tightener Bolt Welded Assembly | 1 |
| 10 | 925-3841 | Outer Spring Tightener Guide | 1 |
| 11 | 29-0009 | Compression Spring | 1 |
| 12 | 925-3719 | #140 Chain Tightener Bracket Assembly | 1 |
| 13 | 910-0100 | 140B35 Shear Sprocket Assembly | 1 |
| | 910-0100-1 | Shear Hub & Plate Welded Assembly Only | 1 |
| | 910-0100-2 | Shear Hub Washer Only | 1 |
| 13A | 831-5618-1.50-SL | 9/16-18 x 1-1/2" Allen Head Cap Screw Grade 8 (Standard Protection) | AR |
| | 831-6318-1.5 | 5/8-18 x 1-1/2" Allen Head Cap Screw Grade 8 (Least Protection) | AR |
| 13B | 884-5618 | 9/16-18 Top Locknut Grade 8 | AR |
| | 884-6318 | 5/8-18 Top Locknut Grade 8 | AR |
| 14 | 911-0067 | #140-80 Roller Chain, Left Auger Chain | 1 |
| 15 | 933-3701 | 3" Retaining Ring | 1 |
| 16 | 933-3704 | Front Auger Washer Steel | 1 |
| 17 | 925-3731 | #140 Tightener Angle Welded Assembly | 1 |
| 18 | 913-3701 | Nylon Bushing 3" ID x 4" OD x 3-3/8" Long | 1 |
| 19 | 925-3766 | Front Bushing Holder Assembly W/Bushing | 1 |
| 20 | 933-3644 | Grease Line, Left Auger Bushing Holder | 1 |
| 21 | 933-3641 | Grease Line, 2-1/2" 3rd Auger Bearing | 1 |
| 22 | 901-3701-36 | Tightener Slide Welded Assembly | 2 |
| 23 | 35-0024 | 1/2" x 1/2" x 2-1/2" Square Key | 1 |
| 24 | 808-3-4.25-14 | 14GA x 3" ID x 4-1/4" OD Machine Bushing | AR |

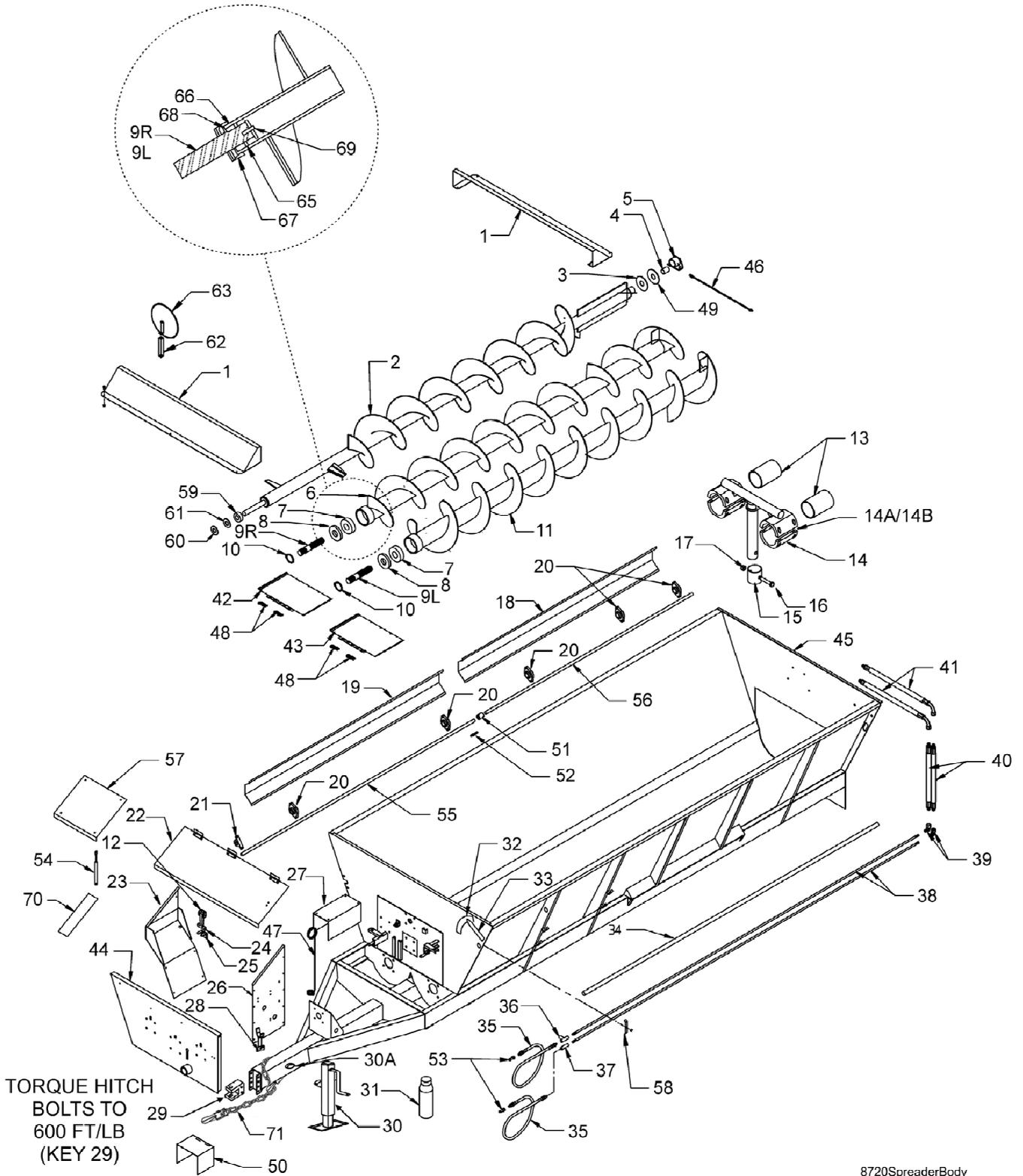
BODY, SHIELDS & AUGERS - 8720 SPREADER



BODY, SHIELDS & AUGERS - 8720 SPREADER

| KEY | PART NO. | DESCRIPTION | QTY |
|-----|---------------|---|------|
| 1 | 901-3765 | Splash Guard Assembly 45° (Prior to SN SI098720249) | 2 |
| | 901-3769 | Splash Guard Assembly 75° (SN SI098720249 & Later) | 2 |
| 2 | 926-3767 | 3rd Auger Assembly | 1 |
| 3 | 933-3703 | Bronze Washer | 1 |
| 4 | 913-3701 | Nylon Bushing | 1 |
| 5 | 925-3770 | 3rd Auger Bushing Holder W/Nylon | 1 |
| 6 | 926-3766 | Right Auger Assembly | 1 |
| | 926-3701-2 | Front Splined Sleeve | 1 |
| | 926-3701-2-1 | Rear Splined Sleeve W/Cap Washer | 1 |
| | 926-3750-3 | Front Seal Collar | 1 |
| | 926-3770-2 | Flighting Gusset | 2 |
| | 926-3771-1 | 3/8" Right Hand Sectional Flighting | AR |
| | 926-3771-2 | Right Auger Knife | 1 |
| 7 | 914-3812- NSM | Front Auger Thrust Bearing, NSM Nylatron | 2 |
| 8 | 914-3813 | Front Auger Thrust Bearing Seal | 2 |
| 9L | 926-3701-1 | LH Splined Auger Shaft 13.5" 3" Dia. (Use for both LH & RH Prior to SN SI108720347) | 1(2) |
| 9R | 926-3770-9 | RH Splined Auger Shaft 15" 3" Dia. (SN SI108720347 & Later) (See 9L Prior to) | 1 |
| 10 | 933-3701 | 3" Retaining Ring | 2 |
| 11 | 926-3765 | Left Auger Assembly | |
| | 926-3701-2 | Front Splined Sleeve | 1 |
| | 926-3701-2-1 | Rear Splined Sleeve W/Cap Washer | 1 |
| | 926-3750-3 | Front Seal Collar | 1 |
| | 926-3770-2 | Flighting Gusset | 2 |
| | 926-3770-1 | 3/8" Left Hand Sectional Flighting | AR |
| | 926-3770-5 | Left Auger Knife | 1 |
| 12 | 32-0027-1 | Upper T-Latch Bracket | 1 |
| 13 | SI-TNUK-KIT | Nylon Bearing Kit (1-Per Auger) (Prior to SN SI148720414) | 2 |
| | 925-3864-1 | Nylon Bearing (Sold By The Half) (SN SI148720414 & Later) | 4 |
| 14 | 925-3773 | Auger Hold Down Assembly W/Nylon | 1 |
| 14A | 831-5013-1.5 | 1/2-13 x 1-1/2" Allen Head Cap Bolt | 8 |
| 14B | 925-3771-10 | T-Post Steel Ring Only | 2 |
| 15 | 925-3771-4 | T-Post Hold Down Bottom Collar | 1 |
| 16 | 881-1008-5Z | 1-08 x 5" Grade 8 Machine Bolt | 1 |
| 17 | 884-1008 | 1-08 Grade 8 Top Locknut | 1 |
| 18 | 924-3755 | Rear Side Shield | 1 |
| 19 | 924-3766 | Front Side Shield | 1 |
| 20 | 914-3814 | 2-Bolt 1-1/2" Bearing | 5 |
| 21 | 914-3804 | 1-1/2" Pillow Block Bearing | 1 |
| 22 | 924-3753 | Front Cover Assembly | 1 |
| 23 | 924-3756 | Right Front Shield Assembly | 1 |
| 24 | 32-0027-2 | Rubber T-Latch | 1 |
| 25 | 32-0027-3 | Lower T-Latch Bracket | 1 |
| 26 | 924-3757 | Left Front Support Plate | 1 |
| 27 | 924-3758-1 | Center Shaft Shield | 1 |
| 28 | 925-3775-1 | PTO Holder Bracket | 1 |
| 29 | 901-3759-2 | Clevis Hitch Assembly | 1 |
| | 901-3755-4 | 1-14 x 6-1/2" Gr 8 Machine Bolt | 2 |
| | 884-1014-Z | 1-14 Top Locknut Gr 8 | 2 |
| 30 | 956-3702-1 | Jack | 1 |

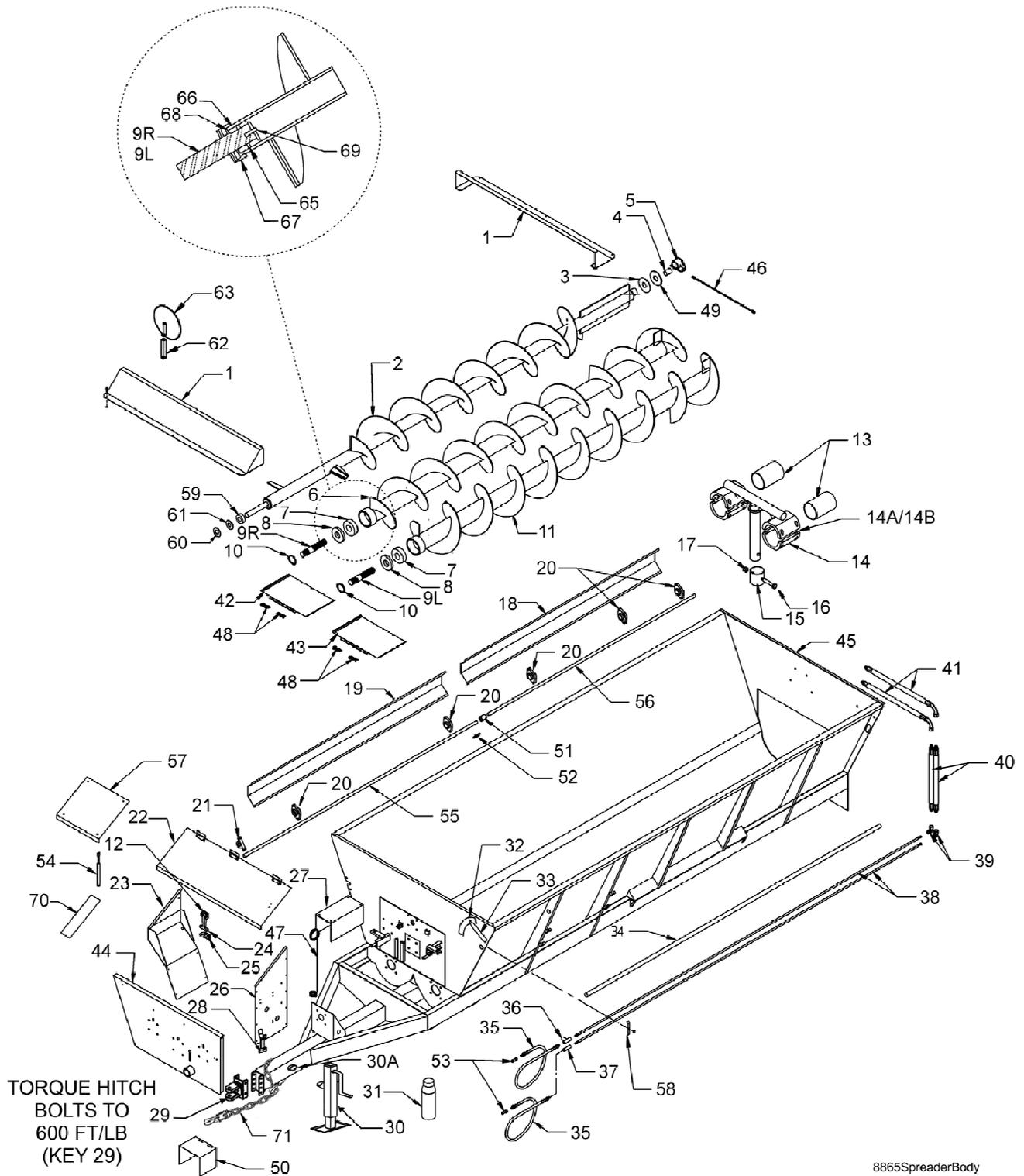
BODY, SHIELDS & AUGERS - 8720 SPREADER (CONTINUED)



BODY, SHIELDS & AUGERS - 8720 SPREADER (CONTINUED)

| KEY | PART NO. | DESCRIPTION | QTY |
|-----|----------------|--|-----|
| 30A | 956-3702-2 | Jack Mount Tube | 1 |
| 30B | 956-3702-1-1 | Pin & Chain Assembly | 1 |
| 30C | 956-3702-1-3 | Screw Nut/Bearing Washer Kit | 1 |
| 30D | 956-3702-1-2 | Gear Bushing Pin Repair Kit | 1 |
| 31 | 33-0044 | Manual Holder W/Cap | 1 |
| 32 | 46-7000-1 | Gate Indicator Safety Sign | 1 |
| 33 | 925-3762 | Gate Indicator Assembly | 1 |
| 34 | 925-8720-1 | Indicator Pipe 3/8" SCH 40 x 201-1/4" | 1 |
| 35 | 955-3701 | 3/8" x 132" Hydraulic Hose | 2 |
| 36 | 955-3803 | 3/8" Black Pipe Tee | 1 |
| 37 | 155-5000-06-06 | 3/8" Black Coupler | 1 |
| 38 | 955-3760 | 3/8" x 198" Hydraulic Pipe | 2 |
| 39 | 955-3605 | 3/8" x 90° Black Elbow | 2 |
| 40 | 955-3756 | 3/8" x 24" Hydraulic Pipe | 2 |
| 41 | 955-3825 | 3/8" x 56" Hydraulic Hose | 2 |
| 42 | 924-3762 | R. Lower Auger Sprocket Shield Assembly | 1 |
| 43 | 924-3763 | L. Lower Auger Sprocket Shield Assembly | 1 |
| 44 | 925-3750 | Front Outer Plate Assembly (Pull Type Prior to SN SI148720233) | 1 |
| | 925-3750-TR | Front Outer Plate Assembly(Truck Mount & Pull Type SN SI148720233 & Later) | 1 |
| 45 | 901-8720 | Main Body | 1 |
| 46 | 933-3632 | Grease Line 3rd Auger Rear Bearing 36" | 1 |
| 47 | 929-3801 | Hydraulic Hose Holder Spring | 1 |
| 48 | 823-.25-5Z | 1/4" x 5" Hair Pin | 4 |
| 49 | 933-3704 | Steel Washer | 1 |
| 50 | 931-3810 | PTO Guard Assembly. | 1 |
| 51 | 937-0004 | 1-1/2" Shaft Coupler | 1 |
| 52 | 35-0022 | 3/8" x 3/8" x 4-1/2" Key | 1 |
| 53 | 55-0013 | Male Pioneer Tip | 2 |
| 54 | 955-3703 | Gas Lift Assist Spring | 1 |
| 55 | 923-3756 | Front Side Shaft 1-1/2" SP x 81-3/4" | 1 |
| 56 | 923-3704 | Rear Side Shaft 1-1/2" SP x 142" | 1 |
| 57 | 924-3752 | Right Hand Front Cover | 1 |
| 58 | 933-3602 | Hydraulic Pipe Bracket | 5 |
| 59 | 933-3753 | Shaft Collar 2-1/2" | 1 |
| 60 | 933-3801 | Bronze Washer 2-1/2" | 1 |
| 61 | 933-3802 | Steel Washer 2-5/8" | 1 |
| 62 | 925-3774 | Mirror Bracket | 1 |
| 63 | 56-0029 | Mirror | 1 |
| 65 | 926-3701-2-1 | Rear Splined Sleeve w/Welded Washer Slug | 1 |
| 66 | 926-3701-2 | Front Splined Sleeve | 1 |
| 67 | 926-3750-3 | Front Auger Seal Collar | 1 |
| 68 | 933-3704 | Front Auger Washer | 1 |
| 69 | 881-5013-1.5Z | 1/2-13 x 1-1/2" Gr. 8 (Prior to SN SI088720560) | 1 |
| | 881-7510-1.5 | 3/4-10 x 1-1/2" Gr. 8 (SN SI088720560 & Later) | 1 |
| 70 | 925-3776-1 | Front Cover Support Angle (Welded On) | 1 |
| 71 | 52-0052 | SI8720T/SI8865T Safety Chain 60,000# Capacity | 1 |

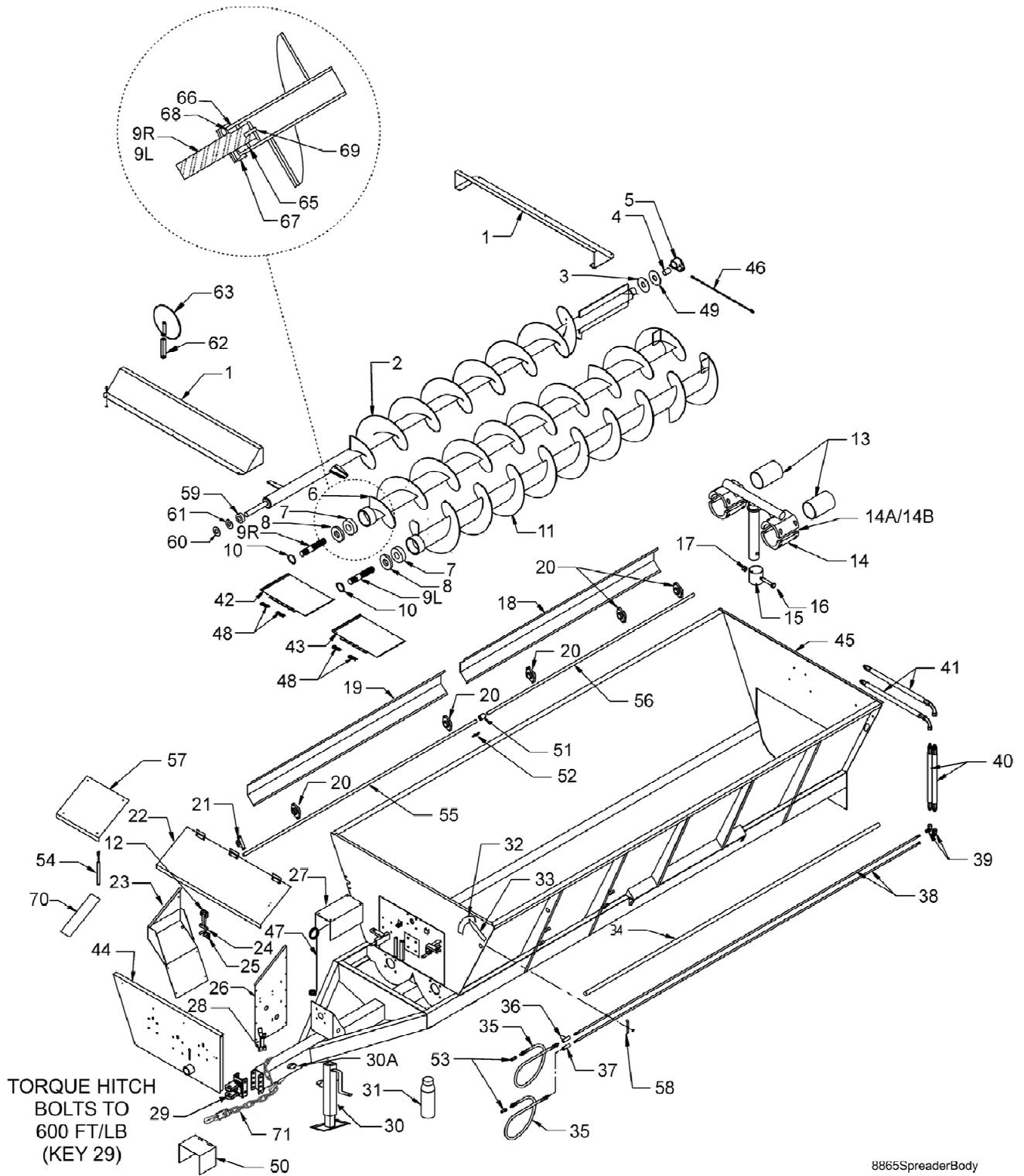
BODY, SHIELDS & AUGERS - 8865 SPREADER



BODY, SHIELDS & AUGERS - 8865 SPREADER

| KEY | PART NO. | DESCRIPTION | QTY |
|-----|---------------|---|------|
| 1 | 901-3765 | Splash Guard Assembly. 45° (Prior to SN SI098865249) | 2 |
| | 901-3769 | Splash Guard Assembly. 75° (SN SI098865249 & Later) | 2 |
| 2 | 926-3768 | 3rd Auger Assembly | 1 |
| 3 | 933-3703 | Bronze Washer | 1 |
| 4 | 913-3701 | Nylon Bushing | 1 |
| 5 | 925-3770 | 3rd Auger Bushing Holder W/Nylon | 1 |
| 6 | 926-3772 | Right Auger Assembly | 1 |
| | 926-3701-2 | Front Splined Sleeve | 1 |
| | 926-3701-2-1 | Rear Splined Sleeve W/Cap Washer | 1 |
| | 926-3750-3 | Front Seal Collar | 1 |
| | 926-3770-2 | Flighting Gusset | 2 |
| | 926-3771-1 | 3/8" Right Hand Sectional Flighting | AR |
| | 926-3771-2 | Right Auger Knife | 1 |
| 7 | 914-3812- NSM | Front Auger Thrust Bearing | 2 |
| 8 | 914-3813 | Front Auger Thrust Bearing Seal | 2 |
| 9L | 926-3701-1 | LH Splined Auger Shaft 13.5" 3" Dia. (Use for both LH & RH Prior to SN SI108865347) | 1(2) |
| 9R | 926-3770-9 | RH Splined Auger Shaft 15" 3" Dia. (SN SI108865347 & Later) (See 9L Prior to) | 1 |
| 10 | 933-3701 | 3" Retaining Ring | 2 |
| 11 | 926-3773 | Left Auger Assembly | 1 |
| | 926-3701-2 | Front Splined Sleeve | 1 |
| | 926-3701-2-1 | Rear Splined Sleeve W/Cap Washer | 1 |
| | 926-3750-3 | Front Seal Collar | 1 |
| | 926-3770-2 | Flighting Gusset | 2 |
| | 926-3770-1 | 3/8" Left Hand Sectional Flighting | AR |
| | 926-3770-5 | Left Auger Knife | 1 |
| 12 | 32-0027-1 | Upper T-Latch Bracket | 1 |
| 13 | SI-TNUK-KIT | Nylon Bearing Kit (1-Per Auger) | 2 |
| | 925-3864-1 | Nylon Bearing (Sold By The Half) (SN SI148865414 & Later) | 4 |
| 14 | 925-3773 | Auger Hold Down Assembly W/Nylon | 1 |
| 14A | 831-5013-1.5 | 1/2-13 x 1-1/2" Allen Head Cap Bolt | 8 |
| 14B | 925-3771-10 | T-Post Steel Ring Only | 2 |
| 15 | 925-3771-4 | T-Post Hold Down Bottom Collar | 1 |
| 16 | 881-1008-5Z | 1-08 x 5" Grade 8 Machine Bolt | 1 |
| 17 | 884-1008 | 1-08 Grade 8 Top Locknut | 1 |
| 18 | 924-3755 | Rear Side Shield | 1 |
| 19 | 924-3754 | Front Side Shield | 1 |
| 20 | 914-3814 | 2-Bolt 1-1/2" Bearing | 5 |
| 21 | 914-3804 | 1-1/2" Pillow Block Bearing | 1 |
| 22 | 924-3753 | Front Cover Assembly | 1 |
| 23 | 924-3756 | Right Front Shield Assembly | 1 |
| 24 | 32-0027-2 | Rubber T-Latch | 1 |
| 25 | 32-0027-3 | Lower T-Latch Bracket | 1 |
| 26 | 924-3757 | 8865 Left Front Support Plate | 1 |
| 27 | 924-3758-1 | Center Shaft Shield | 1 |
| 28 | 925-3775-1 | PTO Holder Bracket | 1 |

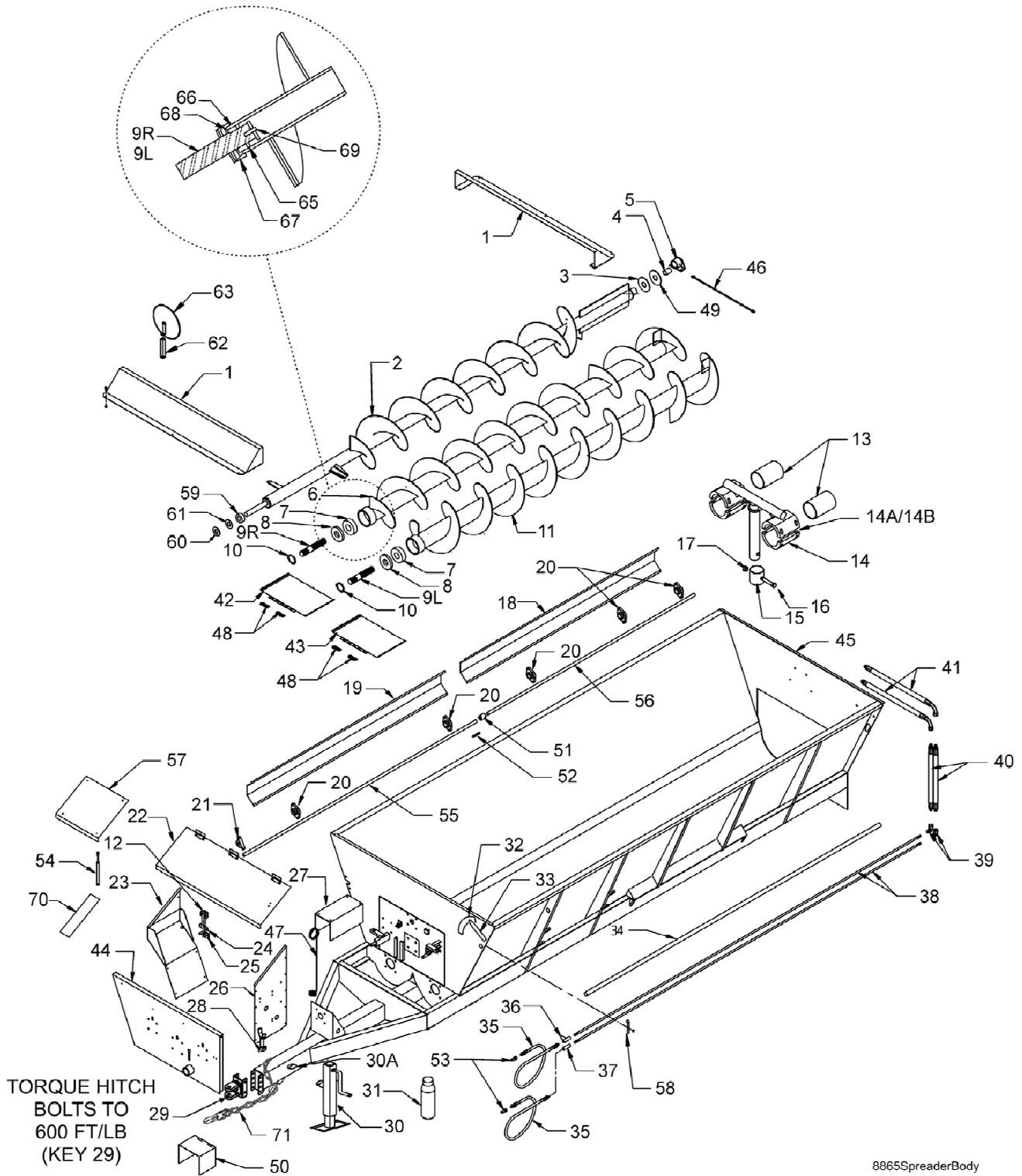
BODY, SHIELDS & AUGERS - 8865 SPREADER (CONTINUED)



BODY, SHIELDS & AUGERS - 8865 SPREADER (CONTINUED)

| KEY | PART NO. | DESCRIPTION | QTY |
|-----|----------------|---|-----|
| 29 | 901-3757 | Bolt On Swivel Hitch Assembly (Prior to 2012 Model Year) | 1 |
| | 881-1014-2.5Z | 1-14 x 2-1/2" Grade 8 Machine Bolt (Prior to 2012 Model Year) | 4 |
| | 901-3759-2 | Clevis Hitch Assembly (2012 Model Year & Later) | 1 |
| | 901-3755-4 | 1-14 x 6-1/2" Gr. 8 Machine Bolt (2012 Model Year & Later) | 2 |
| | 884-1014-Z | 1-14 Top Locknut Grade 8 | 4/2 |
| | XTS-TEROG-KIT | Switch to Bull Pull Type Hitch | 1 |
| 30 | 956-3702-1 | Jack | 1 |
| 30A | 956-3702-2 | Jack Mount Tube | 1 |
| 30B | 956-3702-1-1 | Pin & Chain Assembly | 1 |
| 30C | 956-3702-1-3 | Screw Nut/Bearing Washer Kit | 1 |
| 30D | 956-3702-1-2 | Gear Bushing Pin Repair Kit | 1 |
| 31 | 33-0044 | Manual Holder W/Cap | 1 |
| 32 | 46-7000-1 | Gate Indicator Safety Sign | 1 |
| 33 | 925-3762 | Gate Indicator Assembly | 1 |
| 34 | 925-3765 | Indicator Pipe 3/8" SCH 40 x 241-1/4" | 1 |
| 35 | 955-3701 | 3/8" x 132" Hydraulic Hose | 2 |
| 36 | 955-3803 | 3/8" Black Pipe Tee | 1 |
| 37 | 155-5000-06-06 | 3/8" Black Coupler | 1 |
| 38 | 955-3755 | 3/8" x 238" Hydraulic Pipe | 2 |
| 39 | 955-3605 | 3/8" x 90" Black Elbow | 2 |
| 40 | 955-3756 | 3/8" x 24" Hydraulic Pipe | 2 |
| 41 | 955-3825 | 3/8" x 56" Hydraulic Hose | 2 |
| 42 | 924-3762 | R. Lower Auger Sprocket Shield Assembly | 1 |
| 43 | 924-3763 | L. Lower Auger Sprocket Shield Assembly | 1 |
| 44 | 925-3750 | Front Outer Plate Assembly | 1 |
| | 925-3750-TR | Front Outer Plate Assembly Truck Mount | 1 |
| 45 | 901-3751 | Main Body | 1 |
| 46 | 933-3647 | Grease Line 3rd Auger Rear Bearing | 1 |
| 47 | 929-3801 | Hydraulic Hose Holder Spring | 1 |
| 48 | 823-.25-5Z | 1/4" x 5" Hair Pin | 4 |
| 49 | 933-3704 | Steel Washer | 1 |
| 50 | 931-3810 | PTO Guard Assembly | 1 |
| 51 | 937-0004 | 1-1/2" Shaft Coupler | 1 |
| 52 | 35-0022 | 3/8" x 3/8" x 4-1/2" Key | 1 |
| 53 | 55-0013 | Male Pioneer Tip | 2 |
| 54 | 955-3703 | Gas Lift Assist Spring | 1 |
| 55 | 923-3754 | Front Side Shaft 1-1/2" SP x 121-3/4" | 1 |
| 56 | 923-3704 | Rear Side Shaft 1-1/2" SP x 142" | 1 |
| 57 | 924-3752 | Right Hand Front Cover | 1 |
| 58 | 933-3602 | Hydraulic Pipe Bracket | 5 |
| 59 | 933-3753 | Shaft Collar 2-1/2" | 1 |
| 60 | 933-3801 | Bronze Washer 2-1/2" | 1 |
| 61 | 933-3802 | Steel Washer 2-5/8" | 1 |
| 62 | 925-3774 | Mirror Bracket | 1 |
| 63 | 56-0029 | Mirror | 1 |
| 65 | 926-3701-2-1 | Rear Splined Sleeve w/Welded Washer Slug | 1 |
| 66 | 926-3701-2 | Front Splined Sleeve | 1 |
| 67 | 926-3750-3 | Front Auger Seal Collar | 1 |

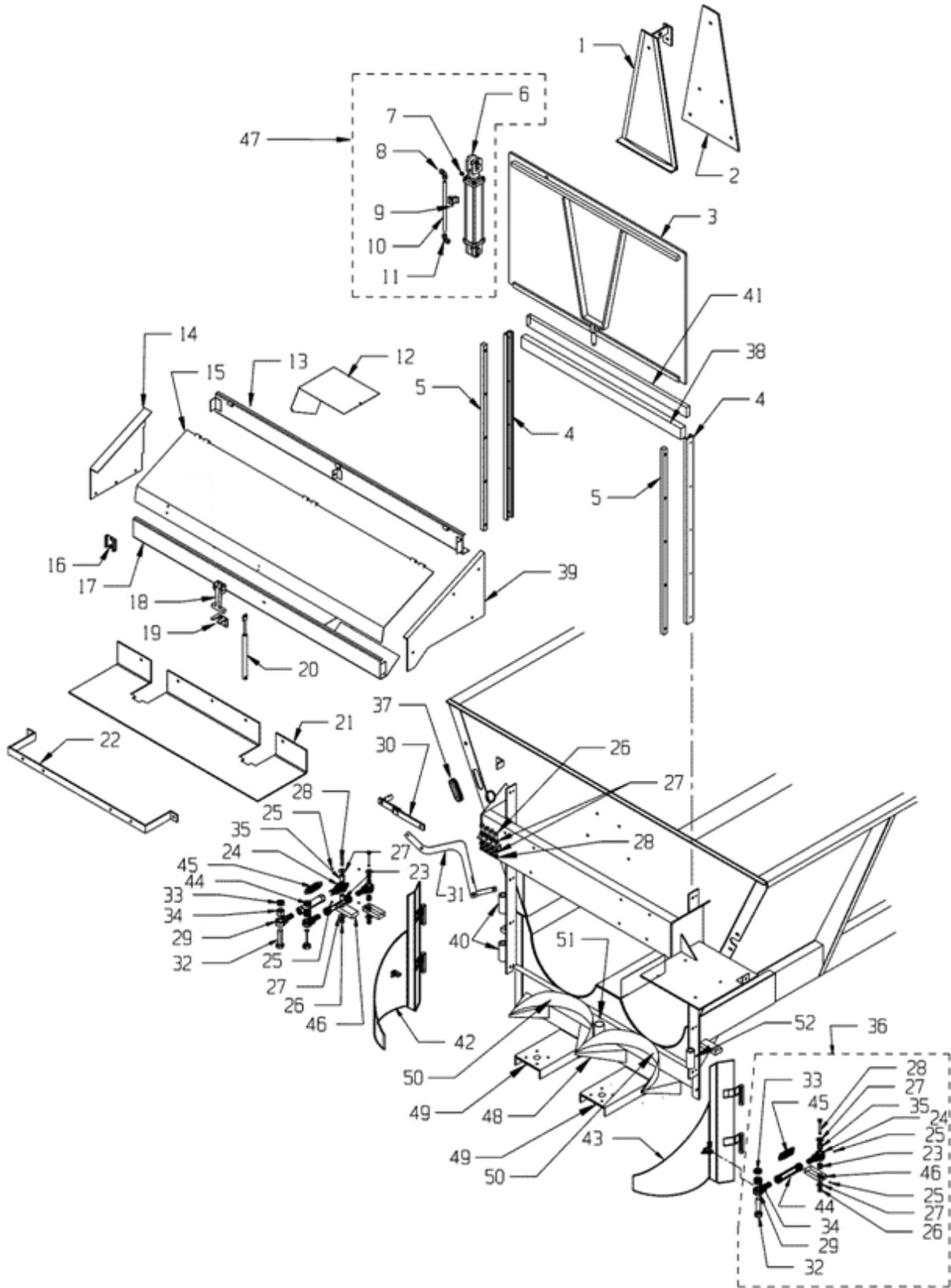
BODY, SHIELDS & AUGERS - 8865 SPREADER (CONTINUED)



BODY, SHIELDS & AUGERS - 8865 SPREADER (CONTINUED)

| KEY | PART NO. | DESCRIPTION | QTY |
|------------|-----------------|---|------------|
| 68 | 933-3704 | Front Auger Washer | 1 |
| 69 | 881-5013-1.5Z | 1/2-13 x 1-1/2" Gr. 8 (Prior to SN SI088865560) | 1 |
| | 881-7510-1.5 | 3/4-10 x 1-1/2" Gr. 8 (SN SI088865560 & Later) | 1 |
| 70 | 925-3776-1 | Front Cover Support Angle (Welded On) | 1 |
| 71 | 52-0052 | SI8720T/SI8865T Safety Chain 60,000# Capacity | 1 |

REAR GATE & SHIELDS

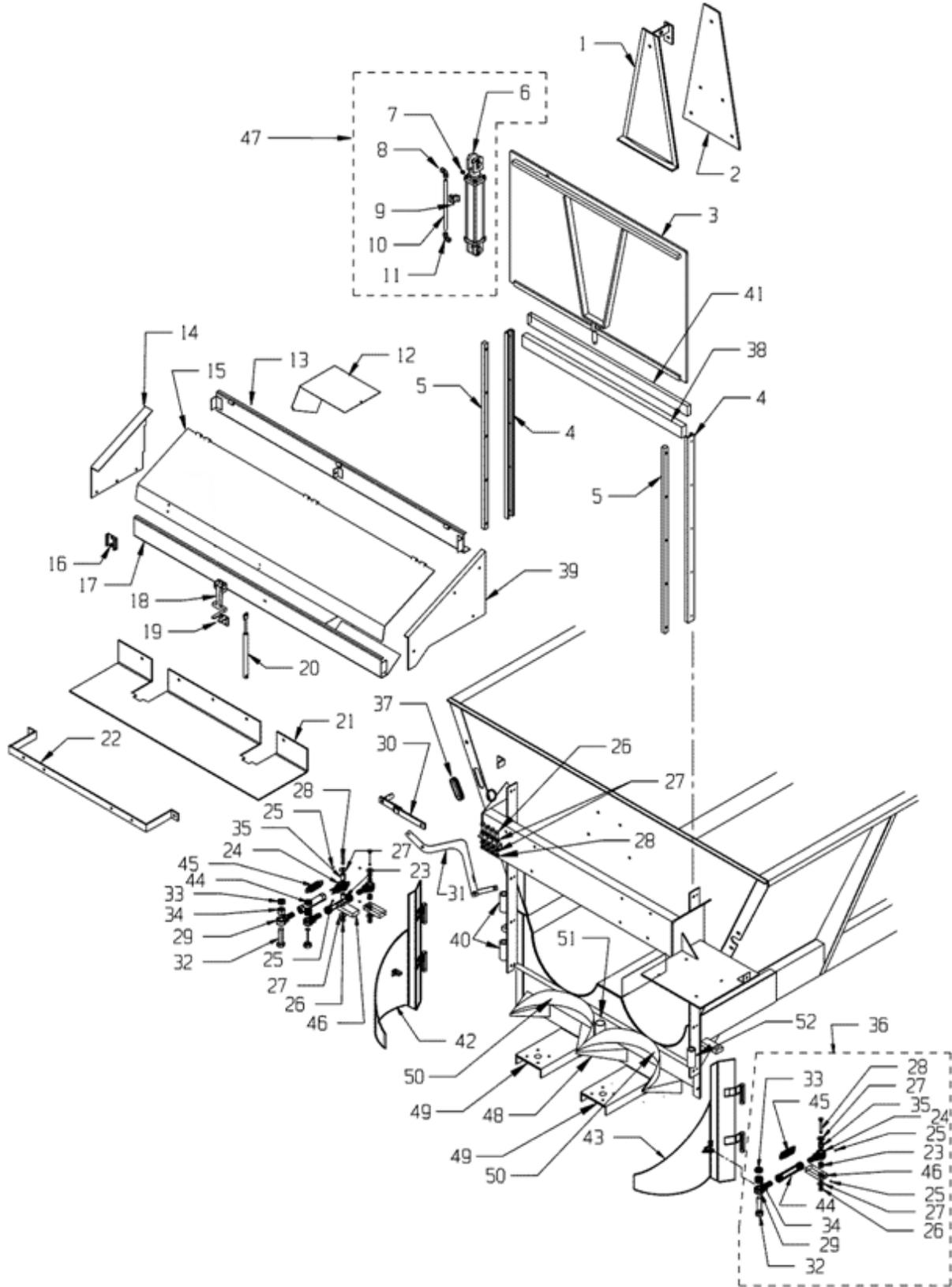


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REAR GATE & SHIELDS

| KEY | PART NO. | DESCRIPTION | QTY |
|-----|----------------|---|-----|
| 1 | 925-3759 | Back Cylinder Plate Weldment | 1 |
| 2 | 925-3758-1 | Front Cylinder Plate | 1 |
| 3 | 901-3778 | Rear Gate Assembly With Reinforce Bar & Peg | 1 |
| 3A | 901-3766-4 | Gate Pin & Tab Weldment | 1 |
| 4 | 949-3750 | Poly Gate Slides | 2 |
| | 803-2520-1.25Z | 1/4-20 x 1-1/4" Flat Head Cap Screw | 10 |
| | 815-2520-Z | 1/4-20 Nylon Insert Lock Nut | 10 |
| 5 | 901-3764-1 | Rear Gate Guide | 2 |
| 6 | 955-0011 | Hydraulic Cylinder Center Lift | 1 |
| | 808-1-1.5-10 | 10 Gauge 1" ID x 1-1/2" OD Machine Bushing (Not In Kit) | 3 |
| | 808-1-1.5-14 | 14 Gauge 1" ID x 1-1/2" OD Machine Bushing (Not In Kit) | 1 |
| 6A | 955-0011-1 | Hydraulic Cylinder Seal Kit | AR |
| 7 | 955-3802-2 | 1/2" x 3/8" Steel Hex Bushing | 1 |
| 8 | 955-3605 | 3/8" x 90° Elbow | 1 |
| 9 | 925-3754 | Hydraulic Pipe Holder Weldment | 1 |
| 10 | 955-3753 | 3/8" x 32" Hydraulic Pipe | 1 |
| 11 | 55-0092 | Street Elbow 1/2" M x 3/8" Female | 1 |
| 12 | 924-3761 | Right Rear Upper Shield | 1 |
| 13 | 924-3750-2 | Rear Shield Upper Mount Plate Assembly | 1 |
| 14 | 924-3751 | Rear Shield Left Cap | 1 |
| 15 | 924-3750 | Rear Main Cover Assembly | 1 |
| 16 | 33-1002 | Slow Moving Vehicle Bracket | 1 |
| 17 | 924-3760 | Rear Shield Lower Mount Plate Assembly | 1 |
| 18 | 32-0027-2 | Rubber T-Latch With Mounting Bracket | 1 |
| 19 | 32-0027-3 | Lower T-Latch Bracket | 1 |
| 20 | 955-3703 | Gas Lift Assist Spring | 1 |
| 21 | 925-3760-1 | Gearbox Rear Plate | 1 |
| 22 | 925-3761-1 | Gearbox Mount Strap | 1 |
| | 851-5013-1.75Z | 1/2-13 x 1-3/4" Hex Bolt | 2 |
| | 805-0050-Z | 1/2" Flat Washer | 4 |
| | 810-5013-Z | Spin Lock Nut | 2 |
| | 851-5013-1.5Z | 1/2-13 x 1-1/2" Hex Bolt | 4 |
| | 806-0050-Z | Internal Tooth Washer | 4 |
| 23 | 925-13804-1 | 1" Shear Sleeve | 2 |
| 24 | 925-13902 | RH Tie Rod Eye Welded Assembly W/Jam Nut | 2 |
| 25 | 827-2528-.38 | Set Screw, 1/4-28 x 3/8" | 4 |
| 26 | 815-5013-Z | Nylon Locknut, 1/2-13 | 6 |
| 27 | 805-0050-Z | Flat Washer, 1/2" | 12 |
| 28 | 851-5013-3.5Z | Machine Bolt, 1/2" x 3-1/2" Grade 5 | 6 |
| 29 | 75-0304 | LH Tie Rod Eye W/Jam Nut | 2 |
| 30 | 925-3767 | Indicator Linkage Assembly | 1 |
| 31 | 925-3763-HD | Gate Indicator Linkage | 1 |
| 32 | 75-0413-1A | Machine Bolt, Gr 5, 1-14 x 4" | 2 |
| 33 | 75-0305-2 | Jam Nut, 1-14, RH | 2 |
| 34 | 884-1014-Z | Top Locknut, 1-14 | 2 |
| 35 | 925-13903 | 1-3/8" Shear Sleeve | 2 |
| 36 | 925-13803-KIT | Linkage Arm Kit | AR |
| 37 | 33-1009 | Plastic Trim (By the Foot) | AR |

REAR GATE & SHIELDS (CONTINUED)



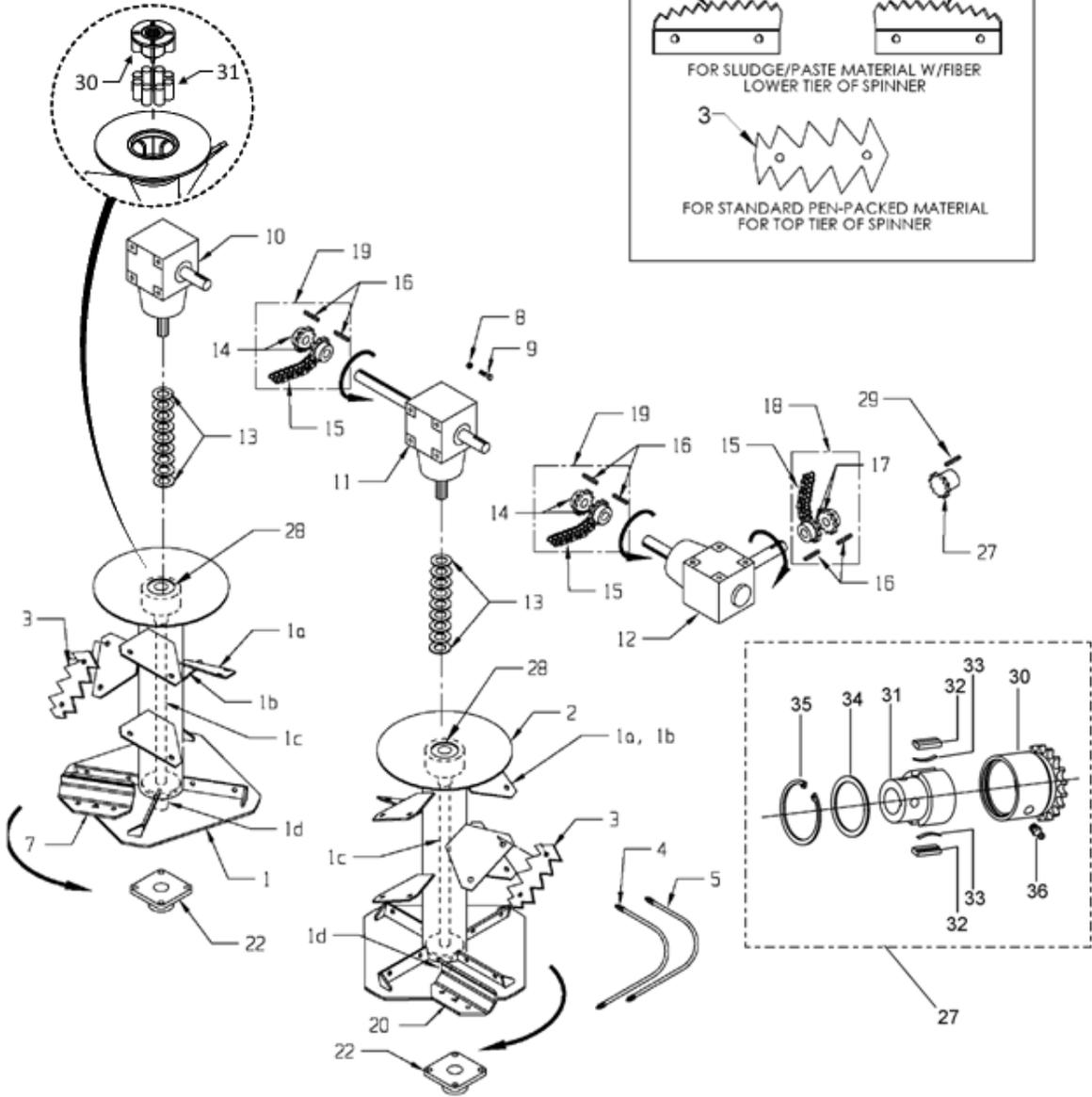
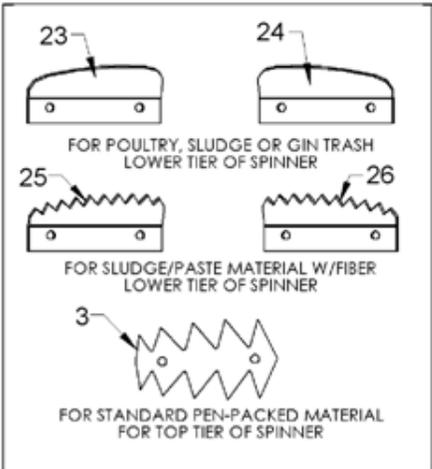
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REAR GATE & SHIELDS (CONTINUED)

| KEY | PART NO. | DESCRIPTION | QTY |
|-----|-----------------|---|-----|
| 38 | 949-3751 | Top Poly Gate Seal | 1 |
| 39 | 924-3759 | Rear Shield Right Cap | 1 |
| 40 | 901-3750-19 | Material Guide Sleeve | 4 |
| 41 | 949-3752 | Poly Gate Seal Spacer | 1 |
| 42 | 925-13802 | L. Cupped Material Guide | 1 |
| 43 | 925-13801 | R. Cupped Material Guide | 1 |
| 44 | 925-13803 | Material Guide Linkage Arm | 2 |
| 45 | 929-0003 | Extension Spring | 2 |
| 46 | 925-3768-1-3-DT | Frame Pivot Block | 2 |
| 47 | 955-0011-ASSY | Cylinder w/Bracket & Pipe | 1 |
| 48 | 901-3751-40 | Rear Spinner Deflector Weld on Replacement (Prior to SN SI098720/8865247) (w/Pin Sleeve) | 1 |
| 49 | 901-3750-74 | Spinner Channels (Welded to body) | 2 |
| 50 | 925-13805 | Rear Spinner Deflector Bolt on Replacement (SN SI098720/8865247 & Later) | 2 |
| | SI-8865-DEFL-UP | Replaceable Deflector Update Kit | 1 |
| 51 | 925-13809 | Gate Pin Receiver Sleeve | 1 |

SPINNERS & GEARBOXES

PADDLE OPTIONS



Key # 7 & # 20, spinner sand paddles are interchangeable on SN SI108865345 & later.

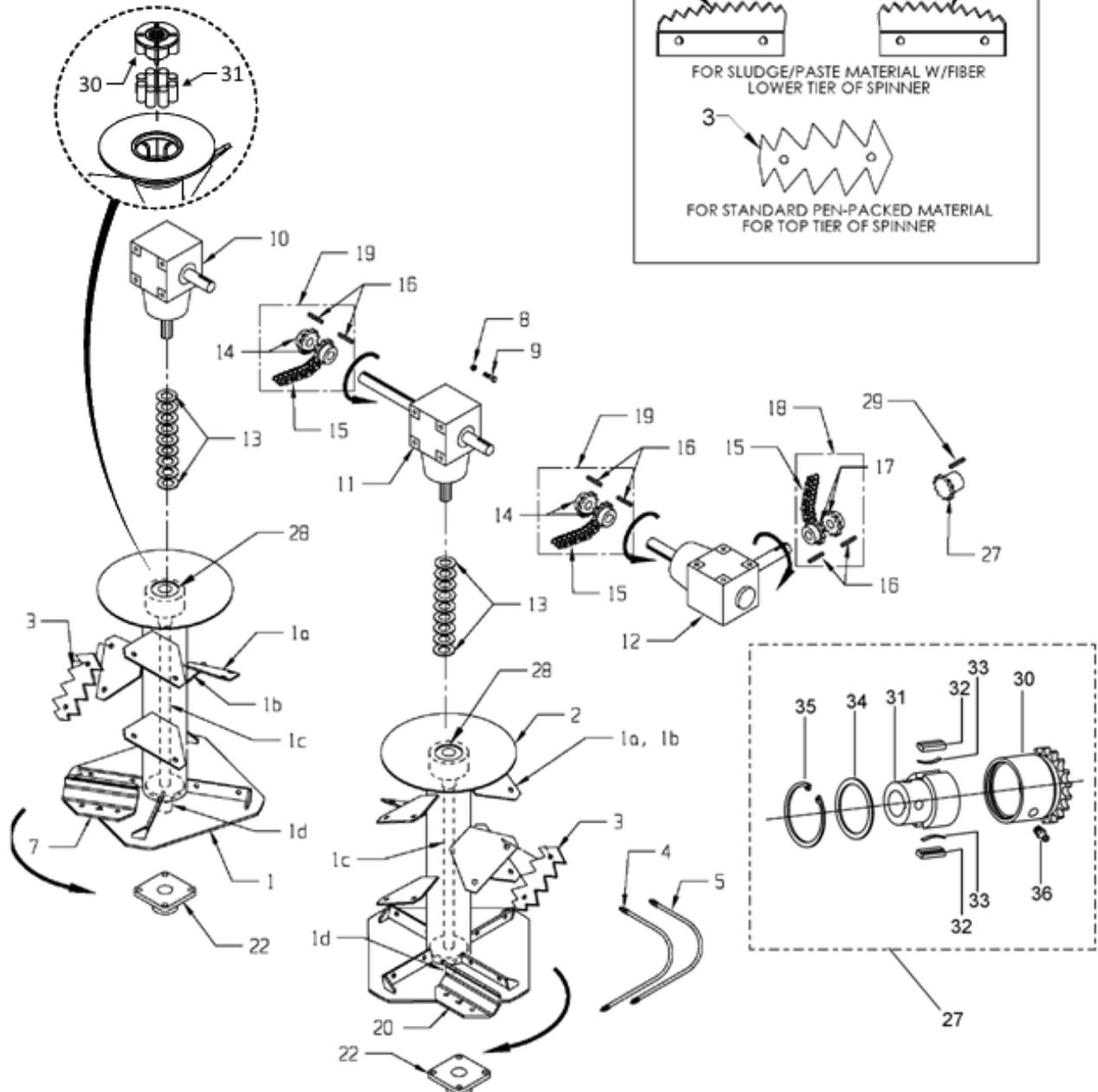
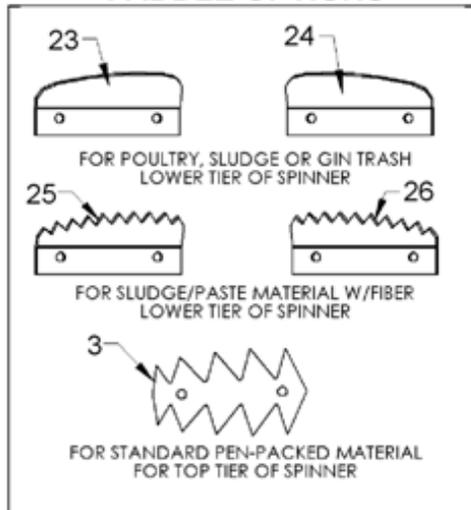
8720-8865-Spinners&Gearboxes.cdr

SPINNERS & GEARBOXES

| KEY | PART NO. | DESCRIPTION | QTY |
|-----|------------------|--|-----|
| 1 | 901-13809 | Left Spinner Assembly With Shock Load Coupler | 1 |
| 1a | 901-3753-3 | Spinner Paddle Mount Bracket | 12 |
| 1b | 901-3753-9 | Paddle Mount Bracket Gusset | 12 |
| 1c | 901-3753-5 | Spinner Shaft 1-1/2" x 36-7/8" | 2 |
| 1d | 901-3753-6 | Lower Shaft Bearing Sleeve | 2 |
| 2 | 901-13812 | Right Spinner Assembly With Shock Load Coupler | 1 |
| 3 | 901-3753-10 | Paddle Tip | 12 |
| | 851-6311-2Z | 5/8-11 x 2" Machine Bolt | 24 |
| | 885-6311-Z | 5/8-11 Nylon Insert Locknut | 24 |
| 4 | 933-3632 | Grease Line, Left Spinner Bearing | 1 |
| 5 | 933-3639 | Grease Line, Right Spinner Bearing | 1 |
| 7 | 901-3753-16 | L. Spinner Sand Paddle | 4 |
| | 850-6311-1.5Z | 5/8-11 x 1-1/2" Carriage Bolt | 8 |
| | 814-6311-Z | 5/8-11 Center Locknut Zinc | 8 |
| | SI-8500-SAND-PAD | Replacement Sand Paddle Package W/Hardware (Complete Spreader) | 1 |
| 8 | 815-3824-Z | 3/8-24 Nylon Insert Locknut | 4 |
| 9 | 851-3824-1.5Z | 3/8-24 x 1-1/2" Fine Thread GR 5 Bolt | 4 |
| 10 | 19-0129 | Left Spinner Gearbox | 1 |
| | 851-5013-1.75Z | 1/2" x 1-3/4" Hex Bolt | 4 |
| | 822-0050-Z | Split Lock Washer | 4 |
| 11 | 19-0130 | Right Spinner Gearbox | 1 |
| | 851-5013-1.75Z | 1/2" x 1-3/4" Hex Bolt | 4 |
| | 822-0050-Z | Split Lock Washer | 4 |
| 12 | 19-0036 | Corner Gearbox 1000 RPM Standard | 1 |
| | 19-0035 | Optional 540 RPM Corner Gearbox | 1 |
| 13 | 808-1.75-2.5-14 | 1-3/4" x 2-1/2" x 14 GA M.B. (Prior to SI078720/8865395) | AR |
| 14 | 937-0010-1 | 1-3/4" Bore Chain Coupler | 2 |
| 15 | 111-0060-18-CC | Coupler Chain Connector Pin & Snap Plate | 2 |
| 16 | 935-0001 | 3/8" x 3/8" x 2" Key, Hardened | 8 |
| 17 | 937-0009-1 | 1-1/2" Bore Chain Coupler | 2 |
| 18 | 937-0009 | 1-1/2" Chain Coupler Kit (Prior to 2008 Model Year) | 1 |
| 19 | 937-0010 | 1-3/4" Chain Coupler Kit | 1 |
| 20 | 901-3753-15 | R. Spinner Sand Paddle | 4 |
| | 850-6311-1.5Z | 5/8-11 x 1-1/2" Carriage Bolt | 8 |
| | 814-6311-Z | 5/8-11 Center Locknut Zinc | 8 |
| | SI-8500-SAND-PAD | Replacement Sand Paddle Package W/Hardware (Complete Spreader) | 1 |
| 22 | 914-3815 | 2" - 4 Bolt Bearing | 2 |
| 23 | 901-3754-2 | LH Poultry/Sludge Paddle | 2 |
| 24 | 901-3753-13 | RH Poultry/Sludge Paddle | 2 |
| 25 | 901-3753-19 | LH Sludge/Paste Paddle | 2 |
| 26 | 901-3753-20 | RH Sludge/Paste Paddle | 2 |
| 27 | 937-0020 | Over Running Clutch (2008 Model Year & Later) | 1 |
| 28 | 901-3753-22 | Splined Hub w/Sleeve | 2 |
| 29 | 35-0015 | 3/8" x 3/8" x 3" Square Key | 1 |
| 30 | 901-13811 | Coupling Hub Weldment (2016 Model Year & Later) | 2 |
| 31 | 637-0004 | Polyurethane Coupling Rod (2016 Model Year & Later) | 16 |
| 32 | 18-0119-1-1-2 | Key | 2 |

SPINNERS & GEARBOXES (CONTINUED)

PADDLE OPTIONS

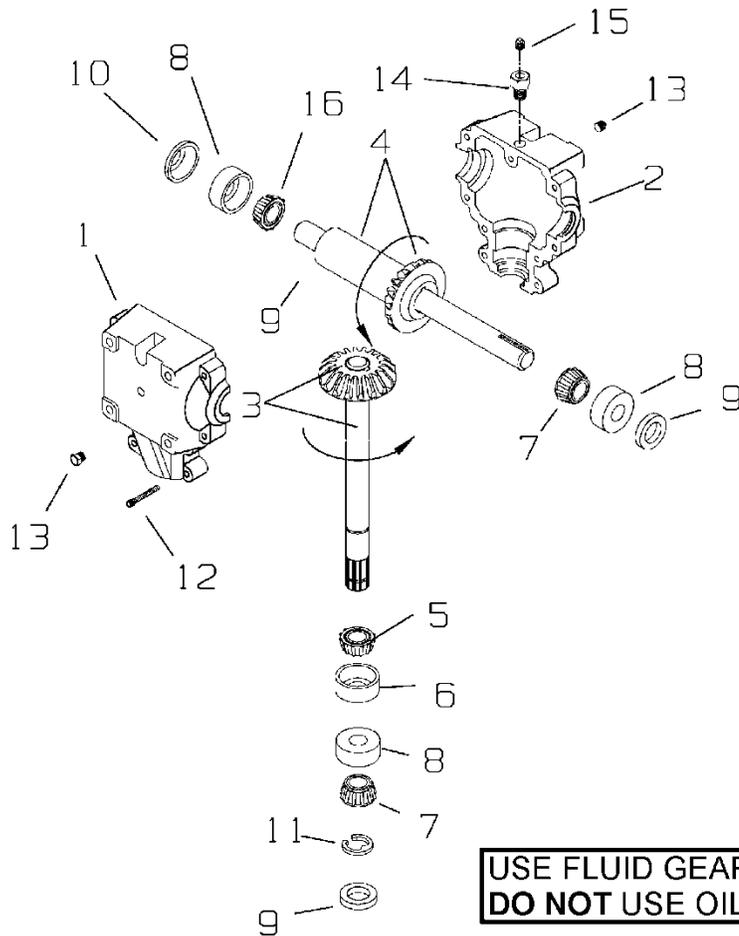


Key # 7 & # 20, spinner sand paddles are interchangeable on SN S1108865345 & later.

SPINNERS & GEARBOXES (CONTINUED)

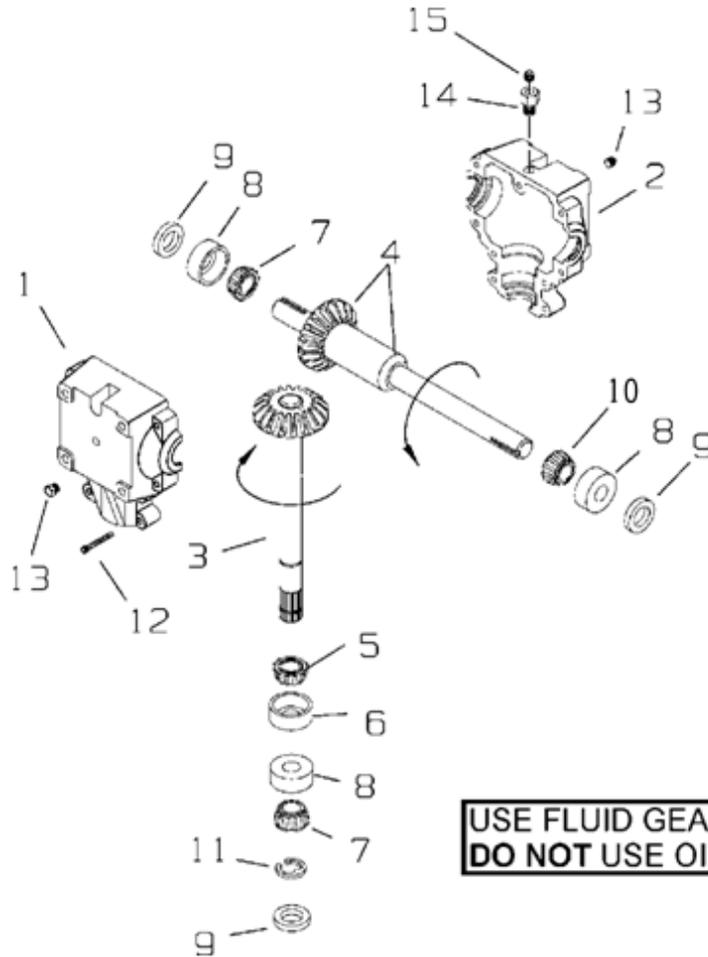
| KEY | PART NO. | DESCRIPTION | QTY |
|-----|---------------|----------------|-----|
| 33 | 18-0119-1-1-1 | Leaf Spring | 2 |
| 34 | 18-0119-1-1-3 | Thrust Ring | 1 |
| 35 | 18-0119-1-1-6 | Retaining Ring | 1 |
| 36 | 918-0208-1-2 | Grease Zerk | 1 |

SPINNER GEAR REDUCER - LEFT HAND (1:1) #19-0129



| KEY | PART NO. | DESCRIPTION |
|-----|------------|----------------------------------|
| 1 | 19-0029-2 | Casting, Machined (Thru Holes) |
| 2 | 19-0029-1 | Casting, Machined (Tapped Holes) |
| 3 | 19-0029-3 | Assembly, Pinion Shaft/Gear |
| 4 | 19-0129-1 | Assembly, Cross Shaft/Gear |
| 5 | 19-0029-5 | Bearing Cone |
| 6 | 19-0029-6 | Bearing Cup |
| 7 | 19-0029-7 | Bearing Cone |
| 8 | 19-0029-8 | Bearing Cup |
| 9 | 19-0029-9 | Seal 1-3/4" |
| 10 | 19-0029-10 | End Plug, Rubber Cover |
| 11 | 19-0029-11 | Retaining Ring, 1-3/4" |
| 12 | 19-0016-11 | Bolt, 3/8-16 x 2-1/4" SHCS |
| 13 | 19-0016-5 | Plug, 1/2" NPT |
| 14 | 19-0029-14 | Bushing, 1/4" NPT to 1/8" NPT |
| 15 | 55-0107 | Plug, Breather |
| 16 | 19-0029-16 | Bearing Cone |

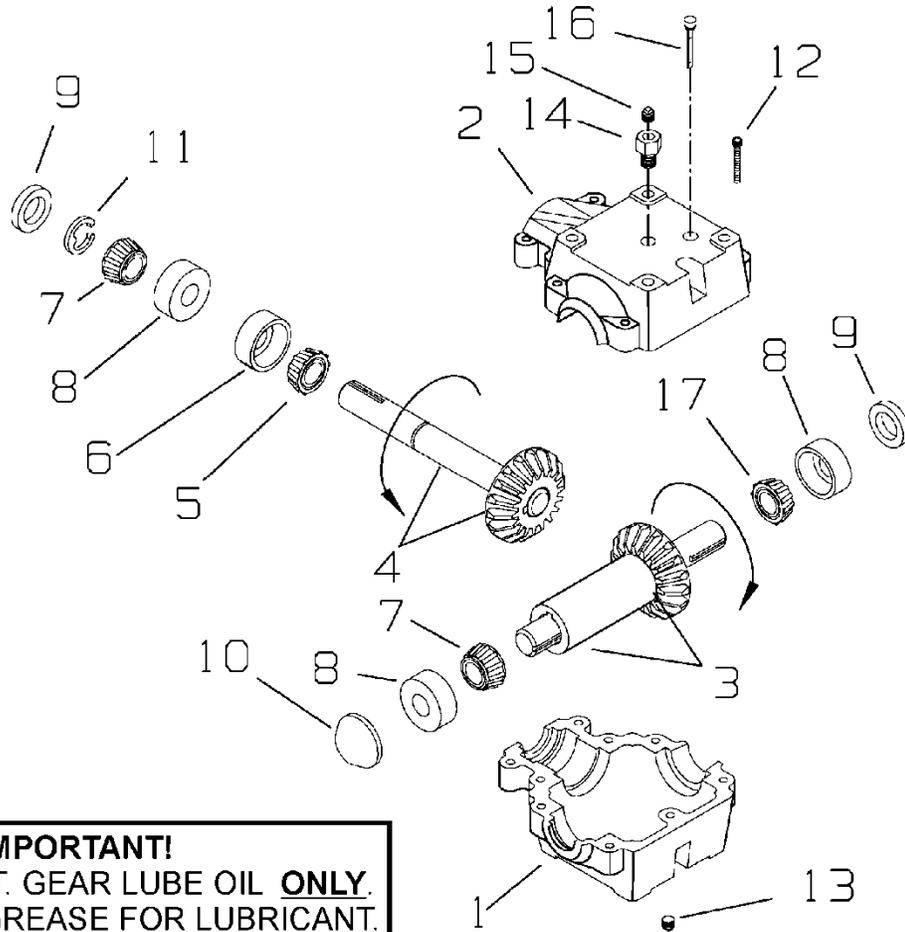
SPINNER GEAR REDUCER - CENTER (1:1) #19-0130



**USE FLUID GEAR GREASE ONLY.
DO NOT USE OIL FOR LUBRICANT.**

| KEY | PART NO. | DESCRIPTION |
|-----|------------|----------------------------------|
| 1 | 19-0029-2 | Casting, Machined (Thru Holes) |
| 2 | 19-0029-1 | Casting, Machined (Tapped Holes) |
| 3 | 19-0029-3 | Assembly, Pinion Shaft/Gear |
| 4 | 19-0130-1 | Assembly, Cross Shaft/Gear |
| 5 | 19-0029-5 | Bearing Cone |
| 6 | 19-0029-6 | Bearing Cup |
| 7 | 19-0029-7 | Bearing Cone |
| 8 | 19-0029-8 | Bearing Cup |
| 9 | 19-0029-9 | Seal 1-3/4" |
| 10 | 19-0029-16 | Bearing Cone |
| 11 | 19-0029-11 | Retaining Ring, 1-3/4" |
| 12 | 19-0016-11 | Bolt, 3/8-16 x 2-1/4" SHCS |
| 13 | 19-0016-5 | Plug, 1/2" NPT |
| 14 | 19-0029-14 | Bushing, 1/4" NPT to 1/8" NPT |
| 15 | 55-0107 | Plug, Breather |

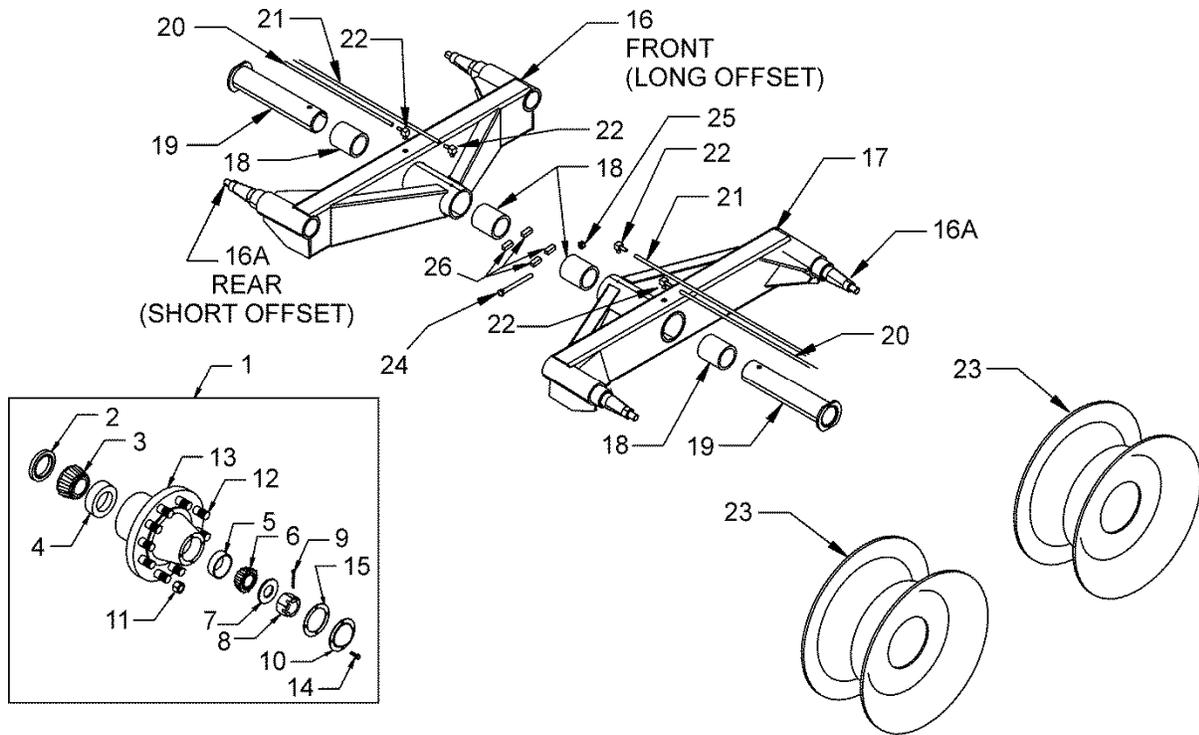
CORNER GEAR REDUCER - RIGHT HAND



IMPORTANT!
 USE #80-90 WT. GEAR LUBE OIL **ONLY**.
 DO NOT USE GREASE FOR LUBRICANT.

| KEY | 1000 RPM DRIVE PART NO. | 540 RPM DRIVE PART NO. | DESCRIPTION |
|-----|-------------------------|------------------------|----------------------------------|
| | 19-0036 | 19-0035 | Complete Gearbox |
| 1 | 19-0031-1 | 19-0031-1 | Casting, Machined (Tapped Holes) |
| 2 | 19-0031-2 | 19-0031-2 | Casting, Machined (Thru Holes) |
| 3 | 19-0036-1 | 19-0035-1 | Assembly, Cross Shaft/Gear |
| 4 | 19-0031-4 | 19-0035-2 | Assembly, Pinion Shaft/Gear |
| 5 | 19-0029-5 | 19-0029-5 | Bearing Cone |
| 6 | 19-0029-6 | 19-0029-6 | Bearing Cup |
| 7 | 19-0029-7 | 19-0029-7 | Bearing Cone |
| 8 | 19-0029-8 | 19-0029-8 | Bearing Cup |
| 9 | 19-0029-9 | 19-0029-9 | Seal 1-3/4" |
| 10 | 19-0029-10 | 19-0029-10 | End Plug, Rubber Cover |
| 11 | 19-0029-11 | 19-0029-11 | Retaining Ring, 1-3/4" |
| 12 | 19-0016-11 | 19-0016-11 | Bolt, 3/8-16 x 2-1/4" SHCS |
| 13 | 19-0016-5 | 19-0016-5 | Plug, 1/2" NPT |
| 14 | 19-0023-2 | 19-0023-2 | Bushing, 1/2" NPT to 1/8" NPT |
| 15 | 19-0002-17 | 19-0002-17 | Plug, Pressure Relief, 5 PSI |
| 16 | 19-0031-5 | 19-0031-5 | Dip Stick |
| 17 | 19-0029-16 | 19-0029-16 | Bearing Cone |

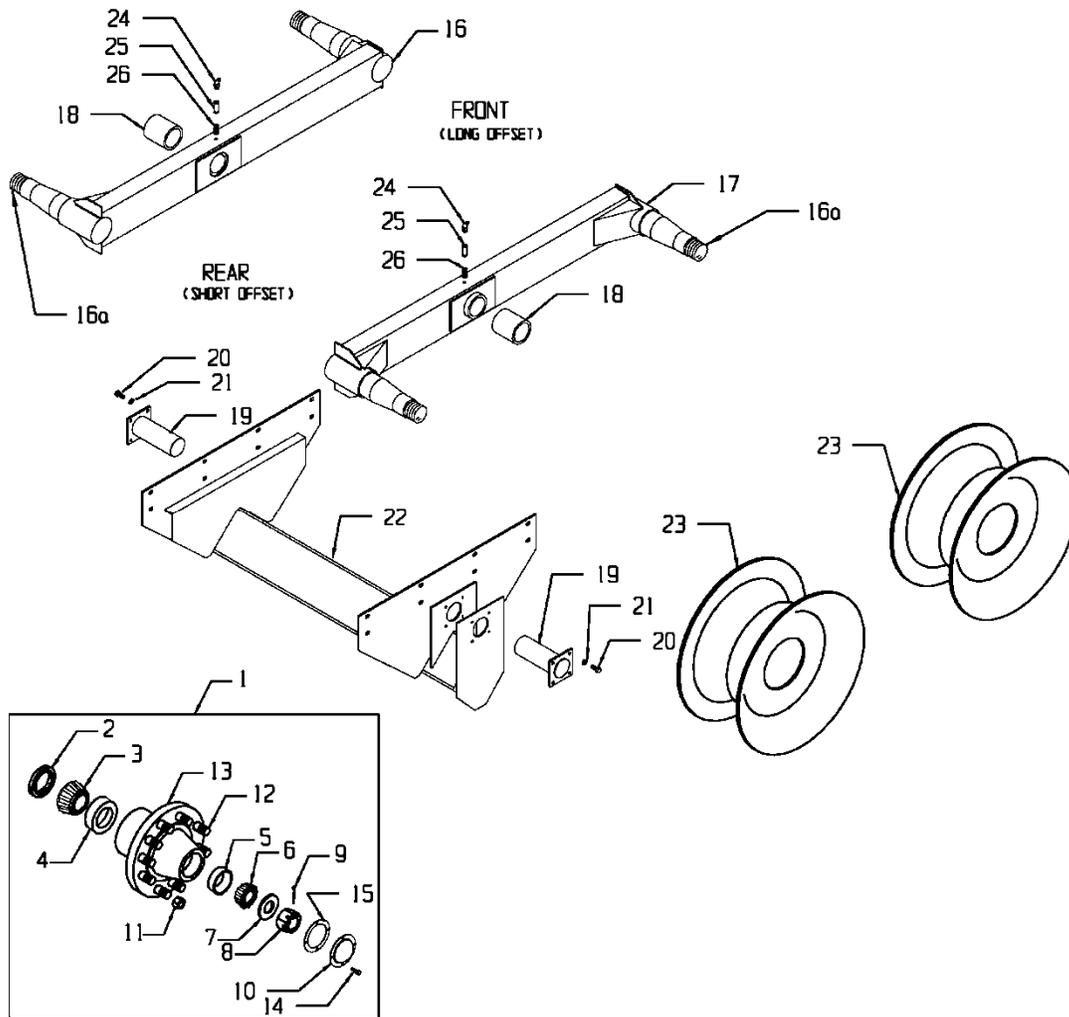
AXLE & WHEELS (STANDARD 8720)



8720-8865-Axle&Wheels-Std8720.cdr

| KEY | PART NO. | DESCRIPTION | QTY |
|-----|-----------------|--|-----|
| 1 | 75-0211 | Hub Assembly Complete 15,000# | 4 |
| 2 | 75-0211-2 | Seal | 1 |
| 3 | 75-0211-3 | Bearing Cone | 1 |
| 4 | 75-0211-4 | Bearing Cup | 1 |
| 5 | 75-0208-5 | Bearing Cup | 1 |
| 6 | 75-0208-6 | Bearing Cone | 1 |
| 7 | 75-0208-7 | Washer | 1 |
| 8 | 75-0208-8 | Nut | 1 |
| 9 | 75-0208-9 | Cotter Pin | 1 |
| 10 | 75-0208-10 | Hub Cap | 1 |
| 11 | 75-0208-11 | 3/4-16 Lug Nut – Flanged Grade 8 | 10 |
| 12 | 75-0208-12 | 3/4-16 Grade 8 Stud Bolt | 10 |
| 13 | 75-0211-1 | Hub Only w/Races & Studs | 1 |
| 14 | 75-0208-13 | Hub Cap Bolt | 4 |
| 15 | 75-0208-14 | Hub Cap Gasket | 1 |
| 16 | 901-8720-11-1 | LH Tandem Wing Assembly, Less Hubs | 1 |
| 16A | 75-0111 | 3-1/2" x 23" Straight Spindle (Prior to SN S1138720277) | 4 |
| | 75-0115 | 3-1/2" x 23-1/2" Straight Spindle (SN S1138720277 & Later) | 4 |
| 17 | 901-8720-10-1 | RH Tandem Wing Assembly, Less Hubs | 1 |
| 18 | 901-8720-10-1-4 | Nylon Pivot Sleeve | 4 |
| 19 | 75-2404-2-2 | O-Beam Pivot Assembly | 2 |
| 20 | 955-3761 | 3/16" x 10" Grease Hose | 2 |
| 21 | 955-3762 | 3/16" x 16" Grease Hose | 2 |
| 22 | 30-0020 | 1/8" NPT Street L | 4 |
| 23 | ----- | Call Factory With Serial # | 4 |
| 24 | 881-7510-8Z | 3/4" x 8" Grade 8 Bolt | 2 |
| 25 | 815-7510-Z | 3/4" Nylon Lock Nut | 2 |
| 26 | 901-8720-10-1-6 | 1/4" x 1/4" x 1" KEY | 4 |

AXLE & WHEELS, HI-FLOAT PACKAGE (STANDARD 8865) (OPTIONAL 8720)

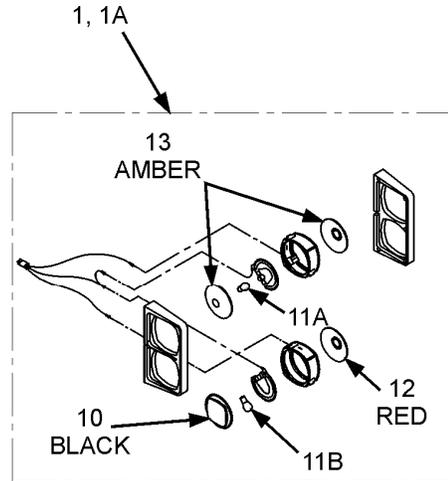
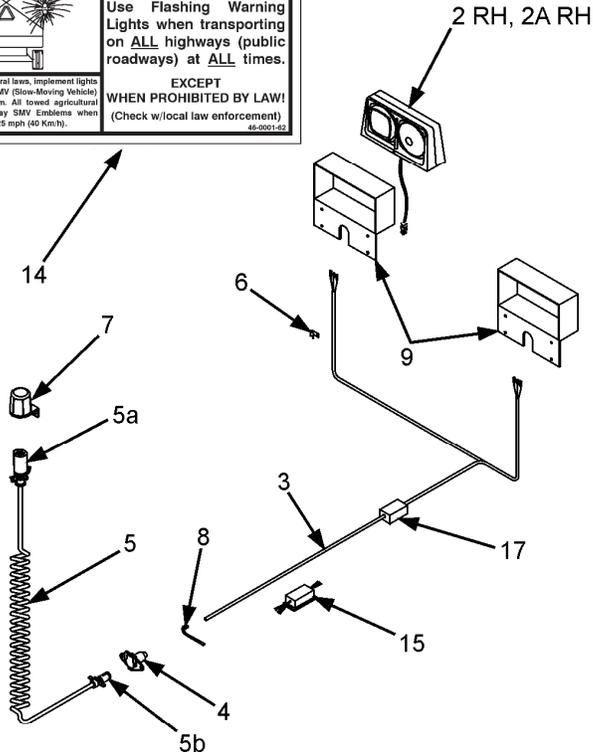


AXLE & WHEELS, HI-FLOAT PACKAGE (STANDARD 8865) (OPTIONAL 8720)

| KEY | PART NO. | DESCRIPTION | QTY |
|------------|-----------------|------------------------------------|------------|
| 1 | 75-0213 | Hub Assembly Complete 20,000# | 4 |
| 2 | 75-0213-2 | Seal | 1 |
| 3 | 75-0213-5 | Bearing Cone | 1 |
| 4 | 75-0213-10 | Bearing Cup | 1 |
| 5 | 75-0213-3 | Bearing Cup | 1 |
| 6 | 75-0213-6 | Bearing Cone | 1 |
| 7 | 75-0213-12 | Washer | 1 |
| 8 | 75-0213-13 | Nut | 1 |
| 9 | 75-0213-14 | Cotter Pin | 1 |
| 10 | 75-0213-7 | Hub Cap | 1 |
| 11 | 75-0208-11 | 3/4"-16 Grade 8 Lug Nut - Flanged | 10 |
| 12 | 75-0208-12 | 3/4"-16 Grade 8 Stud Bolt | 10 |
| 13 | 75-0213-1 | Hub Only w/Races & Studs | 1 |
| 14 | 75-0213-8 | Hub Cap Bolt | 4 |
| 15 | 75-0213-11 | Hub Cap Gasket | 1 |
| 16 | 901-3771 | LH Tandem Wing Assembly, Less Hubs | 1 |
| 16a | 75-0113 | 4-1/2" x 27" Straight Spindle | 4 |
| 17 | 901-3770 | RH Tandem Wing Assembly, Less Hubs | 1 |
| 18 | 901-3864-2 | Nylon Pivot Sleeve | 2 |
| 19 | 901-3773 | O-Beam Pivot Assembly | 2 |
| 20 | 881-6311-1.5Z | 5/8-11 x 1-1/2" GR 8 M.B. | 8 |
| 21 | 822-0063-Z | 5/8" Split Lock Washer | 8 |
| 22 | 901-3772 | Axle Weldment | 1 |
| 23 | ----- | Call Factory With Serial # | 4 |
| 24 | 30-0006 | Zerk 1/8" NPT x 90° | 1 |
| 25 | 30-0009 | 1/8" NPT Coupler | 1 |
| 26 | 30-0008 | 1/8" NPT Nipple | 1 |

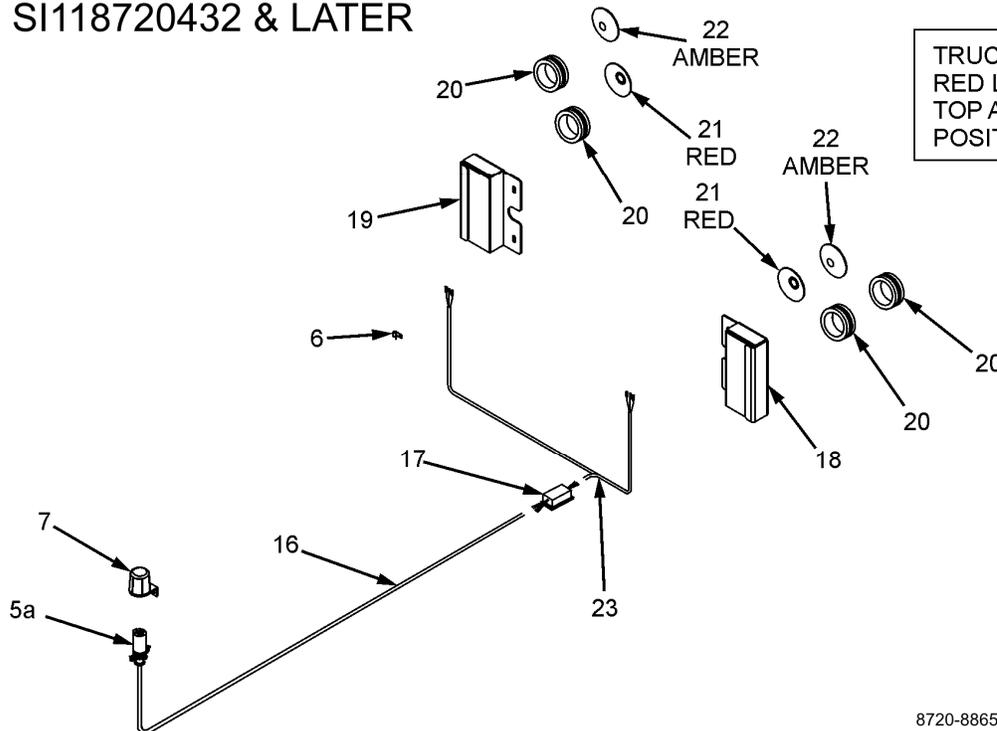
HIGHWAY LIGHTS

PRIOR TO SN SI118720432



TRUCK MOUNTS USE RED LENSES IN BOTH TOP AND BOTTOM REAR FACING POSITIONS

SN SI118720432 & LATER



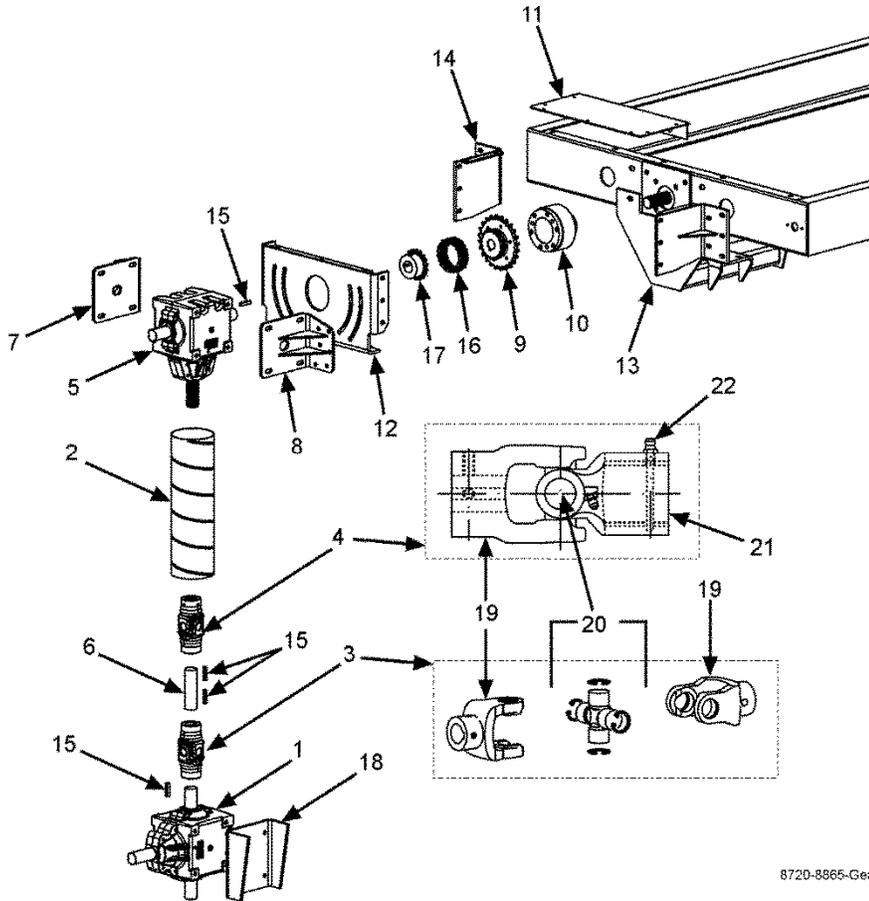
TRUCK MOUNTS USE RED LAMPS IN BOTH TOP AND BOTTOM REAR FACING POSITIONS

8720-8865 HighwayLights (AUG2014)

HIGHWAY LIGHTS

| KEY | PART NO. | DESCRIPTION | QTY |
|-----|-----------------|---|-----|
| 1 | 56-0030 | Dual Light LH w/4-Plug | 1 |
| 1A | 56-0030-TR | Truck Mount Dual Light LH w/4-Prong | 1 |
| 2 | 56-0031 | Dual Light RH w/4-Plug | 1 |
| 2A | 56-0031-TR | Truck Mount Dual Light RH w/4-Prong | 1 |
| 3 | 52-0032-LED-PKG | Ag Light Harness w/Module LED Update | 1 |
| 4 | 56-0004 | #1232 4-Way Socket 4-Pin | 1 |
| 5 | 56-0005 | Coil Cable Assembly | 1 |
| 5A | 56-0005-4 | 7-Contact Plug End Only, w/Spring | 1 |
| 5B | 56-0005-1 | 4-Hole Plug End Only | 1 |
| 6 | 56-0008 | Harness Frame Clip | 1 |
| 7 | 56-0009 | Stor-A-Way Plug Holder | 1 |
| 8 | 65-0006-5 | Nylon Tie Straps | AR |
| 9 | 925-3793 | Right / Left Light Mount Bracket | 2 |
| 10 | 56-0001-3 | Bezel Blank, Black (Fit Inside Housing) (Prior to SN SI098720/8865387) | 2 |
| | 56-0030-3 | Bezel Blank, Black (Fit Over Housing) (SN SI098720/8865387 & Later) | 2 |
| 11A | 56-0001-5 | #1156 Single Filament Bulb | 2 |
| 11B | 56-0001-4 | #1157 Dual Filament Bulb | 2 |
| 12 | 56-0001-2 | Red Lens (Fit Inside Housing) (Prior to SN SI098720/8865387) | 2/4 |
| | 56-0030-2 | Red Lens (Fit Over Housing) (SN SI098720/8865387 & Later) | 2/4 |
| 13 | 56-0001-1 | Amber Lens (Fit Inside Housing) (Prior to SN SI098720/8865387) | 2/0 |
| | 56-0030-1 | Amber Lens (Fit Over Housing) (SN SI098720/8865387 & Later) | 2/0 |
| 14 | 46-0001-62 | Caution Tail Light Safety Sign | 1 |
| 15 | 56-0028 | Tail Light Converter (Truck Mount Only) | 1 |
| 16 | 56-0095 | 8720 LED Light Cord w/ 7-Pin Ag Plug & 6-Pin Connector | 1 |
| | 56-0096 | 8865 LED Light Cord w/7-Pin Ag Plug & 6-Pin Connector | 1 |
| 17 | 56-0084 | LED Ag Enhancer Module (SN SI118720/8865432 & Later) | 1 |
| | 56-0032-1 | Replacement Module w/pigtails & Instructions (Prior to SN SI118720/8865432) | 1 |
| 18 | 925-0011-1 | LH LED Mount Bracket | 1 |
| 19 | 925-0012-1 | RH LED Mount Bracket | 1 |
| 20 | 56-0092 | 4" Round Grommet | 4 |
| 21 | 56-0090 | 4" Red Stop/Tail/Turn LED Lamp | 2/4 |
| 22 | 56-0091 | 4" Amber Turn/Warning Lamp | 2/0 |
| 23 | 56-0130 | LED Light Y-Harness | 1 |

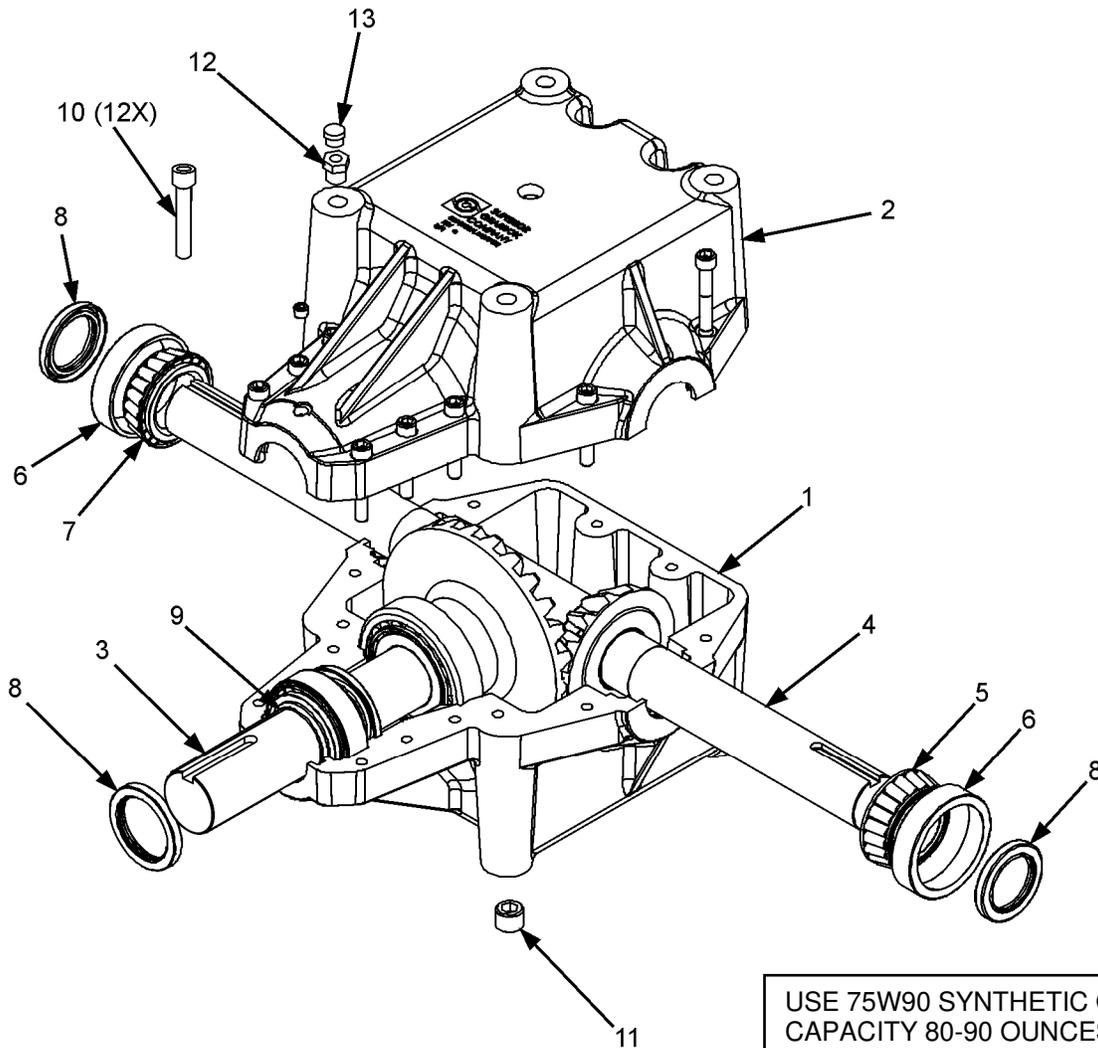
GEARBOX ATTACHMENT ASSEMBLY, TRUCK



8720-8865-GearboxAttachmentAssy.cdr

| KEY | PART NO. | DESCRIPTION | QTY |
|-----|----------------|--|-----|
| 1 | 19-0140 | Gearbox Drive Lower Gearbox | 1 |
| 2 | 49-0032 | 6" Hose | 3' |
| 3 | 618-0002 | Lower joint Assembly Keyed | 1 |
| 4 | 618-0005 | Upper Joint Assembly Splined | 1 |
| 5 | 619-0010-SYN | 1.35:1 Ratio Upper Gearbox | 1 |
| 6 | 623-0020 | Gearbox Joint Shaft | 1 |
| 7 | 625-8000-3 | Right Gearbox Mount Bracket | 1 |
| 8 | 625-8000-4 | Left Gearbox Mount Bracket | 1 |
| 9 | 910-0098 | 60B18/80B24 Sprocket W/Bolt Circle | 1 |
| 10 | 918-0223-1 | Cutout Clutch Assembly | 1 |
| 11 | 925-8005-1 | Cover Plate | 1 |
| 12 | 925-8005-2 | Gearbox Frame Plate Welded Assembly | 1 |
| 13 | 925-8005-3 | Left Mount Plate Welded Assembly | 1 |
| 14 | 925-8005-4 | Right Mount Plate Welded Assembly | 1 |
| 15 | 935-0001 | 3/8" x 3/8" x 2" Hardened Key | 2 |
| 16 | 111-0060-18-CC | Coupler Chain Connector Pin & Snap Plate | 1 |
| 17 | 937-0010-1 | 60-18 Chain Coupler 1-3/4" Bore | 1 |
| 18 | 625-8000-6 | Lower Gearbox Mount Plate | 1 |
| 19 | 618-0002-1 | Yoke, 1-3/4" w/3/8" Keyway | 3 |
| 20 | 918-0208-2-1 | Cross & Bearing Kit | 2 |
| 21 | 618-0005-1 | Yoke, 1-3/4"-20 SPL | 1 |
| 22 | 618-0005-1-1 | Grease Zerk | 1 |

**19-0140 LOWER GEARBOX - TRUCK
(SI-GBD PKG)**



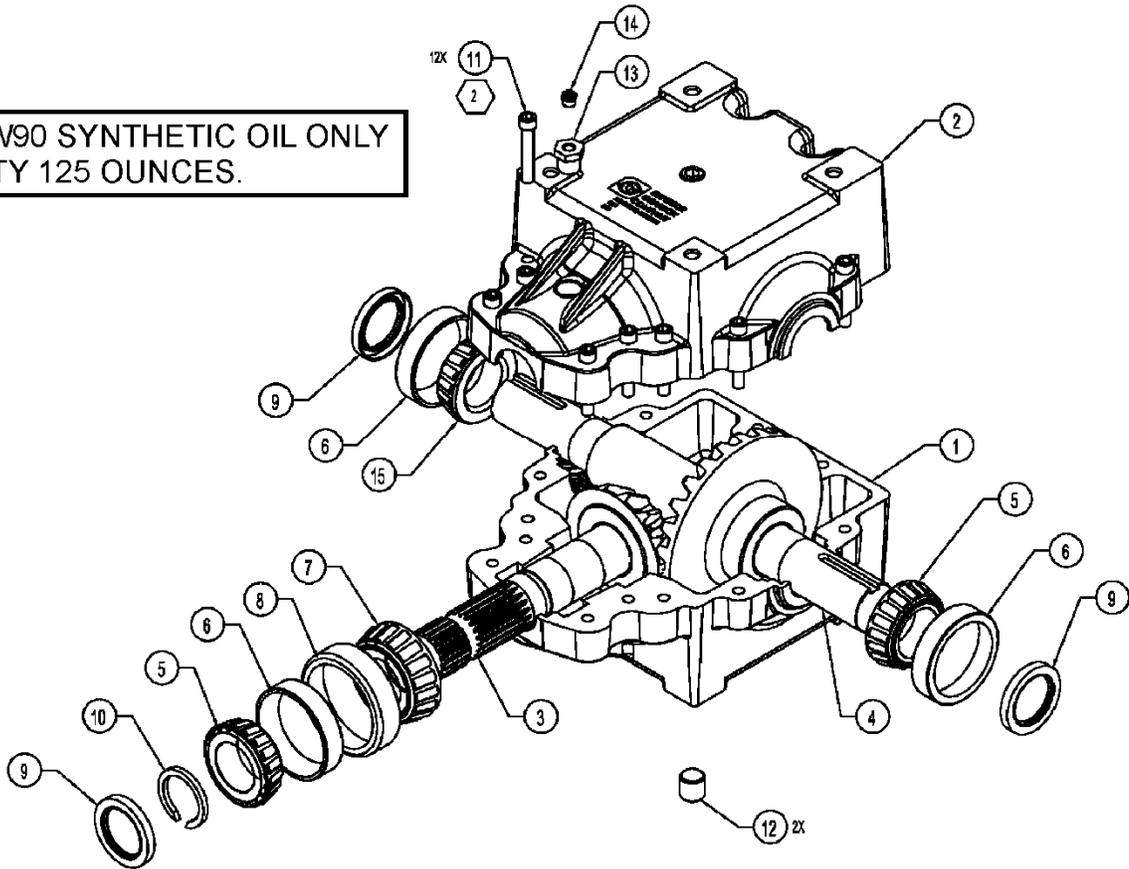
USE 75W90 SYNTHETIC OIL ONLY
CAPACITY 80-90 OUNCES.

8720-8865-LowerGearbox-Truck.cdr

| KEY | PART NO. | DESCRIPTION |
|-----|----------------|--|
| 1 | 619-0010-1 | Casting, Machined (Tapped Hole) 1.35:1 |
| 2 | 619-0010-2 | Casting, Machined (Thru Holes) 1.35:1 |
| 3 | 19-0140-1-ASSY | Pinion Shaft Gear w/ Bearings, Cups, Seal, Retaining Ring Assembly |
| 4 | 619-0010-4 | Cross Shaft gear Assembly 1.35:1 |
| 5 | 19-0029-7 | Bearing Cone 1-3/4" |
| 6 | 19-0029-8 | Bearing Cup |
| 7 | 19-0029-16 | Bearing Cone |
| 8 | 19-0029-9 | Seal 1-3/4" |
| 9 | 19-0029-11 | Retaining Ring 1-3/4" |
| 10 | 19-0016-11 | Bolt, 3/8-16 x 2-1/4" SHCS |
| 11 | 19-0016-5 | Plug 1/2" NPT |
| 12 | 19-0024-17 | Bushing 1/2" to 1/8" NPT |
| 13 | 19-0002-17 | 5 PSI Vent Plug |

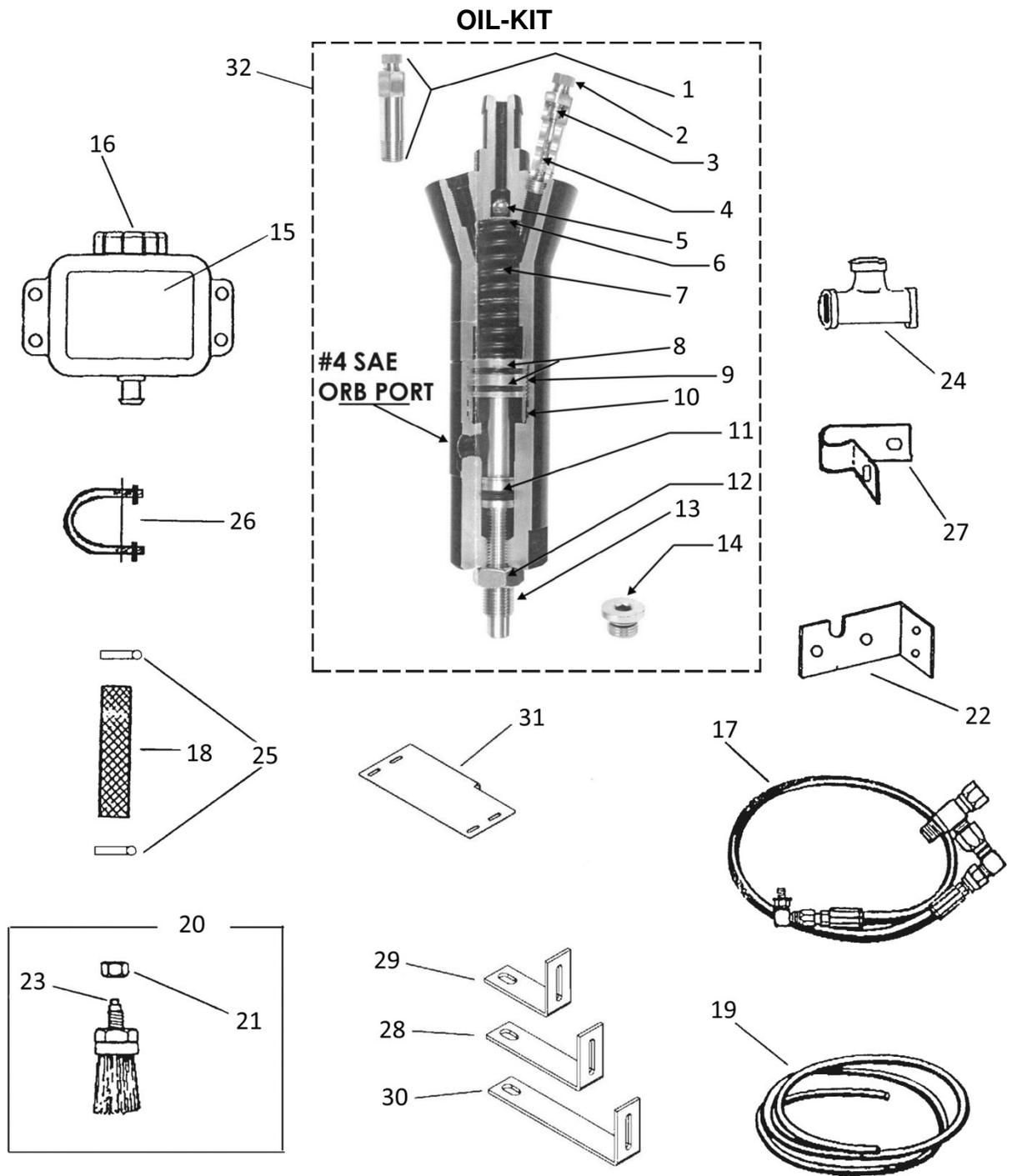
**619-0010-SYN UPPER GEARBOX - TRUCK
(SI-GBD PKG)**

**USE 75W90 SYNTHETIC OIL ONLY
CAPACITY 125 OUNCES.**



| KEY | PART NO. | DESCRIPTION |
|-----|------------|--|
| 1 | 619-0010-1 | Casting, Machined (Tapped Hole) 1.35:1 |
| 2 | 619-0010-2 | Casting, Machined (Thru Holes) 1.35:1 |
| 3 | 619-0010-3 | Pinion Shaft Gear Assembly 1.35:1 |
| 4 | 619-0010-4 | Cross Shaft gear Assembly 1.35:1 |
| 5 | 19-0029-7 | Bearing Cone 1-3/4" |
| 6 | 19-0029-8 | Bearing Cup |
| 7 | 19-0029-5 | Bearing Cone |
| 8 | 19-0029-6 | Bearing Cup |
| 9 | 19-0029-9 | Seal 1-3/4" |
| 10 | 19-0029-11 | Retaining Ring 1-3/4" |
| 11 | 19-0016-11 | Bolt, 3/8-16 x 2-1/4" SHCS |
| 12 | 19-0016-5 | Plug 1/2" NPT |
| 13 | 19-0024-17 | Bushing 1/2" to 1/8" NPT |
| 14 | 19-0002-17 | 5 PSI Vent Plug |
| 15 | 19-0029-16 | Bearing Cone |

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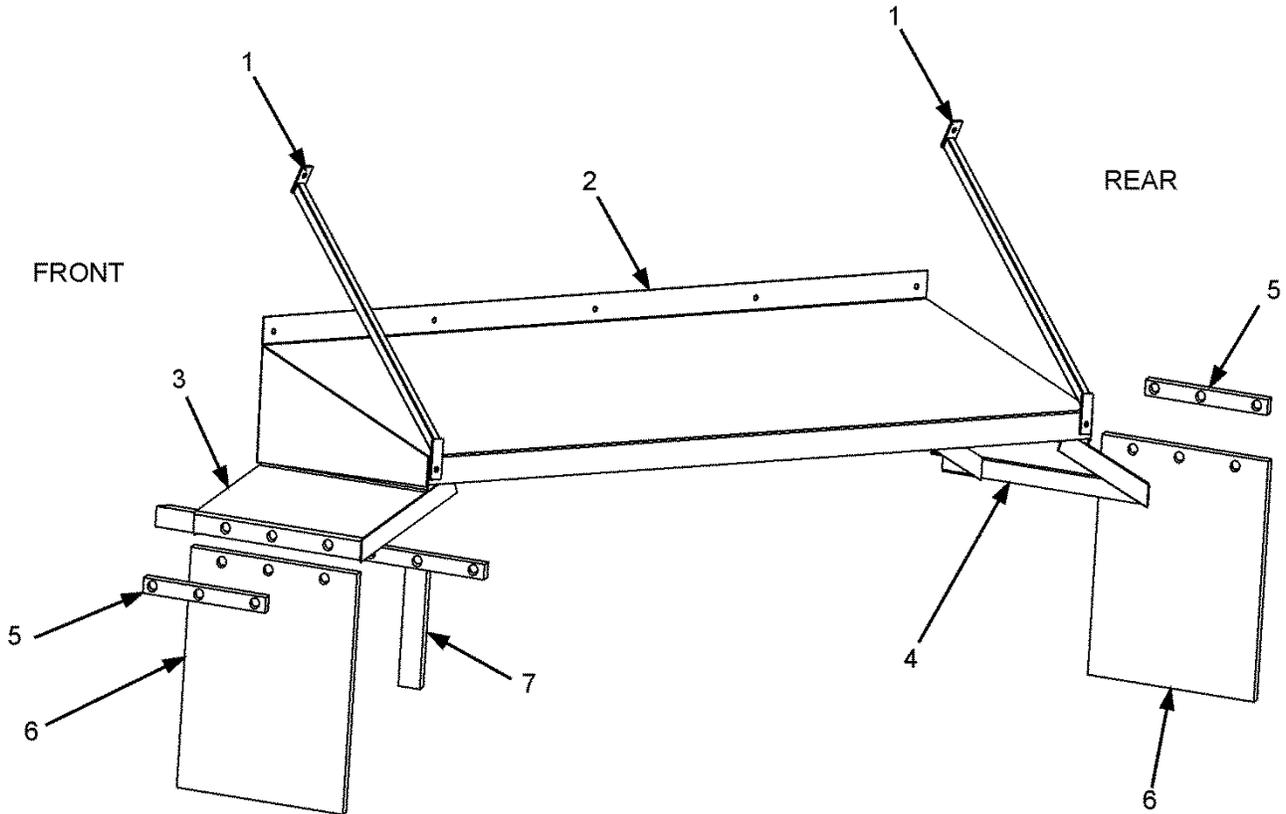
See Page 24 for Oil Type and Oil Instructions

OIL-KIT

| KEY | PART NO. | DESCRIPTION |
|-----|---------------|------------------------------------|
| 1 | 952-0001-1-33 | Holder, Manifold Valve Assembly |
| 2 | 952-0001-1-27 | Sleeve Nut Brass |
| 3 | 952-0001-1-28 | 5/32" Brass Ferrule |
| 4 | 952-0001-1-9 | One Way Valve (Schrader Valve) |
| 5 | 952-0001-1-11 | Bearing, 7/16" Stainless |
| 6 | 952-0001-1-10 | Screen Flat Oiler .906 Diameter |
| 7 | 952-0001-1-5 | Spring, Oiler |
| 8 | 952-0001-1-8 | O Ring, Oiler Piston |
| 9 | 952-0001-1-4 | Piston, 2 Groove Alum, Short |
| 10 | 952-0001-1-6 | Washer, Rubber Lube Minder |
| 11 | 952-0001-1-7 | O Ring, Adjustable End Cap Plunger |
| 12 | 952-0001-1-16 | 1/2-20 Jam Nut |
| 13 | 952-0001-1-3 | Plunger, Brass Adjustable End Cap |
| 14 | 952-0001-1-32 | 1/8" Hex Head Pipe Plug |
| 15 | 952-0001-1-18 | Reservoir Two Quart Tank |
| 16 | 952-0001-1-35 | Reservoir Cap Only |
| 17 | 952-0001-1-19 | Hydraulic Hose Assembly Meyer Mfg. |
| 18 | 952-0001-1-20 | Tubing 5/8" ID Clear Polybraid |
| 19 | 952-0001-1-21 | Tubing 5/32" Nylon (Feet) |
| 20 | 952-0001-1-25 | Brush Assembly No 5/32" Insert |
| 21 | 813-5020-Z | 1/2-20 Plated Nut |
| 22 | 952-0001-1-17 | Bracket Oiler Mounting Pump |
| 23 | 952-0001-1-14 | 5/32" Push In Insert (Nycoil) |
| 24 | 955-3803 | BM Pipe Tee 3/8" x 3/8" x 3/8" |
| 25 | 952-0001-1-30 | 1" Hose Clamp |
| 26 | 952-0001-1-31 | U-Bolt Assembly # 9 |
| 27 | 08-0050 | 5/16" Loom Clamp |
| 28 | 33-8000-7 | Brush Holder |
| 29 | 952-0001-3 | Auger Chain Brush Holder |
| 30 | 952-0001-8 | 120/140 Chain Brush Holder |
| 31 | 952-0001-5 | Oiler Tank Mount Plate |
| 32 | 952-0001-1-36 | Oiler Body Pump Assembly, Complete |

TRUCK MOUNT FENDERS

LH Side (mirror for RH side)



8720-8865-TruckMountFenders.cdr

| KEY | PART NO. | DESCRIPTION |
|-----|-------------|---|
| 1 | 901-3889 | Spreader Truck Fender End Support Welded Assembly |
| 2 | 901-3878 | Fender Weldment |
| 3 | 9925-003-RH | Front LH/Rear RH Fender Flare |
| 4 | 9925-003-LH | Front RH/Rear LH Fender Flare |
| 5 | 25-8212 | Rear Mud Flap Attaching Strap |
| 6 | 49-0092 | Black Mud Flap |
| 7 | 9925-004 | Front Mud Flap Wind Break Weldment |

MEYER INDUSTRIAL SPREADER

TROUBLESHOOTING

| | SYMPTOM | PROBLEM | SOLUTION |
|------------------------------------|---|---|--|
| AUGERS | Augers shake or chatter | Stiff roller chains - dry Loose roller chains Worn sprockets/chain Dry auger trough | Lubricate roller chains Tighten roller chains Replace sprockets/chains Load auger trough w/manure |
| | Augers wobble/lift up & down | Worn auger shaft bushings Worn auger hold down nylon bearings | Replace auger shaft bushings Replace auger hold down nylon bearings |
| FLOW CONTROL GATE | Will not lift | No hydraulic supply Froze tight w/build-up | Supply hydraulic power Thaw frozen build-up |
| | Will not close/seal | Lodged foreign object/dirty | Remove foreign object/clean |
| | Sticks/binds | Dirty/dry slide guides Worn slide guides Worn out slide guide polyslick | Clean/lubricate slide guides Replace slide guides Replace slide guide polyslick |
| GEAR BOXES | Clunking sounds | Gears/bearings wearing Low oil or fluid gear grease | Replace gears/bearings Fill with #80-#90 wt. Gear lube oil or fluid gear grease |
| | Excessive oil use | Worn out oil seals Dry manure & twine wrapping | Replace oil seals Clean & remove build-up at seal areas |
| | Gear damage | High speed/full load start-up Worn out gears | Slow start-up, fill with oil Replace gears |
| MATERIAL GUIDES | Dirty/build-up | Too slow spinner RPM's | Operate spreader at recommended RPM's |
| PTO SHAFT | Whips/shakes | Over extended or bent PTO | Adjust tractor drawbar length - See Page 11 |
| | Vibrates up & down | Spreader center shaft bent | Replace center shaft |
| | Worn Universal Joints | Lack of lubrication/used | Lubricate joints daily replace joint |
| ROLLER CHAINS AND SPROCKETS | Excessive chain wear | Lack of lubrication Out of alignment/loose | Lubricate/align/tighten |
| | Roller chain breakage | Loose roller chain Worn sprockets | Tighten roller chains Replace sprockets |
| | Sprocket teeth tipped over | Worn roller chain Bad roller bearings | Replace roller chain Replace bearings |
| SPINNERS PADDLES/TEETH | Spinners turn hard/squeak | Bad lower spinner bearings | Replace lower spinner bearings |
| | Shake at high RPM's (excessive vibration) | Spinner bent/out of balance | Straighten/balance/replace spinner |
| | Excessive paddle damage | Wobbled out lower spinner shaft Too slow spinner RPM's Lodging of manure Spreading foreign objects | Replace or re-weld lower spinner shaft Operate spreader at recommended RPM's Adjust material guides Straighten/replace paddles Avoid loading foreign objects |

WHEEL TORQUE

| BOLT/STUD SIZE | SOCKET SIZE | PRESS FORMED WHEEL CENTER | BOLT TYPE | HEAVY DUTY WHEEL CENTER |
|----------------|---------------|------------------------------|------------|----------------------------|
| 3/4 | 1-1/8 / 1-1/2 | NA | Flange Nut | 378 ft lbs |

8720/8865 SPREADER W/BRAKES TIRE WHEEL TORQUE

- Clean adjoining surfaces
- Start nuts to bring wheel and brake drum flush to hub mounting surface.
- Avoid brake drum and/or wheel binding on hub.
- Install remaining wheel nuts. Torque to 50 ft-lbs. Then re-torque to full torque value.
- Re-torque wheel nuts after 50-100 miles.
- Check wheel nut torque every 10,000 miles and re-torque as necessary.



CAUTION: THESE INSTRUCTIONS ARE NOT COMPLETE. READ AND FOLLOW ALL PROCEDURES IN USER'S GUIDE TO WHEELS AND RIMS BY "THE MAINTENANCE COUNCIL" #T0410. IF YOU HAVE QUESTIONS CALL WALTHER ENG. & MFG. COMPANY INC. (937) 743-8125.

TIRE INFLATION

| TIRE SIZE | PLY | PSI |
|-------------|------------|-----|
| 21.5L-16.1 | 18 | 44 |
| 28L-26 | 16 | 28 |
| 425/65X22.5 | used truck | 75 |
| 550/45X22.5 | 20 | 58 |
| 600/50X22.5 | 18 | 70 |

MEYER INDUSTRIAL SPREADER

DIMENSIONS & SPECIFICATIONS

| | Industrial 8720 Trailer Type w/ 21.5 Tires “ | Industrial 8720 Truck Mount w/ Mount Brackets | Industrial 8865 Trailer Type w/ 28L x 26 Tires | Industrial 8865 Truck Mount w/ Mount Brackets |
|---|--|---|--|---|
| CAPACITY | | | | |
| Bushels Heaped | 720 | 720 | 865 | 865 |
| Gallons/Cu.ft. (Struck) | 3500/468 | 3500/468 | 4200/562 | 4200/562 |
| Cu. Yards. (struck) | 17.33 cu. yards | 17.33 cu. yards | 20.8 cu. yards | 20.8 cu. yards |
| DIMENSIONS | | | | |
| Overall Length | 26'6" | 20'10" w/ Hyd Motor | 29'10" | 24'2" w/ Hyd Motor |
| Inside Tank Length | 16'8" | 16'8" | 20' | 20' |
| Loading Height | 87" w/21.5 or 425/6591" w/16.00X20 | 68" Plus Truck Height | 88" w/28L x 26 | 68" Plus Truck Height |
| Overall Height -Top of Splash Guard | 96" w/21.5 or 425/65100" w/16.00X20 | 77" Plus Truck Height | 97" w/28L x 26 Tires | 77" Plus Truck Height |
| Overall Width (std. Axle)Outside Tires | 118" w/21.5L114" w/16.00X20 | 101" | N/A | 101" |
| Overall Width w/High Floatation axle pkg. | 141" w/28L x 26 | | 141" w/ 28L x 26 Tires | |
| Top Inside Tank Width | 101" | 101" | 101" | 101" |
| SPECIFICATIONS | | | | |
| Total Weight | 13,720# | 9,400# | 18,020# | 10,700# |
| Maximum Load Net (Lbs.) | 35,200# | 35,200# | 38,000# | 38,000# |
| Lower Auger Diameter | 23" | 23" | 23" | 23" |
| Lower Auger Flighting Thickness | 3/8" Sectional | 3/8" Sectional | 3/8" Sectional | 3/8" Sectional |
| Independent Lower Auger Shear Hub Sprockets | Standard | Standard | Standard | Standard |
| 3rd Auger (solid material) | Standard - 16" | Standard - 16" | Standard - 16" | Standard - 16" |
| Drive - PTO-RPM | 1000 RPM Constant Velocity 1 3/8-21 spline | PTO - Direct Std. Hydrostatic-Opt. | 1000 RPM Constant Velocity 1 3/4-20 Spline | PTO - Direct Std. Hydrostatic-Opt. |
| Drive Line Protection | Overrunning Cut Out Clutch w/ Shear Bolt Augers | Cut Out Clutch w/ Shear Bolt (PTO Version) | Overrunning Cut Out Clutch w/ Shear Bolt Augers | Cut Out Clutch w/ Shear Bolt (PTO Version) |
| Roller Chain Drive | 80-120-140 | 80-120-140 | 80-120-140 | 80-120-140 |
| Roller Chain Auto Oiler | Standard | Standard | Standard | Standard |
| Expeller Speed (RPM) | 716 RPM | 716 RPM | 716 RPM | 716 RPM |
| Expeller Diameter | 30" | 30" | 30" | 30" |
| TANK CONSTRUCTION | | | | |
| Material | Copper Bearing Steel | Copper Bearing Steel | Copper Bearing Steel | Copper Bearing Steel |
| Thickness - Auger Troughs | 1/4" | 1/4" | 1/4" | 1/4" |
| Thickness - Tank Sides | 3/16" | 3/16" | 3/16" | 3/16" |

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

MEYER INDUSTRIAL SPREADER DIMENSIONS & SPECIFICATIONS

| | Industrial 8720 Trailer Type w/ 21.5 Tires “ | Industrial 8720 Truck Mount w/ Mount Brackets | Industrial 8865 Trailer Type w/ 28L x 26 Tires | Industrial 8865 Truck Mount w/ Mount Brackets |
|---|--|---|--|---|
| Frame Construction | Heavy 8” Channel | Heavy 8” Channel | Heavy 8” Channel | Heavy 8” Channel |
| Door Opening | 32” x 53” | 32” x 53” | 32” x 53” | 32” x 53” |
| Standard Axle Spindle Diameter | Standard Tandem 3 1/2”“ Sleeved | | N/A | |
| High Flootation Axle Spindle Diameter | Optional Tandem 4 1/2”“ Sleeved | | Standard Tandem 4 1/2”“ Sleeved | |
| Standard Axle Hub Size | 10 Bolt-15,000# | | N/A | |
| High Flootation Axle Hub Size | 10 Bolt-20,000# (opt.) | | 10 bolt-20,000# (std.) | |
| Splash Shields-Standard | 45 Front/45 Rear | 45 Front/45 Rear | 45 Front/45 Rear | 45 Front/45 Rear |
| Lights w/hookup cord | Standard | Standard | Standard | Standard |
| Tractor Requirement PTO HP (Min.) | 130 HP Tractor | | 160 HP Tractor | |
| OPTIONS | | | | |
| 1000 RPM 1 3/8”-21 Spline | Standard | | Optional | |
| 1000 RPM 1 3/4”-20 Spline | Optional | | Standard | |
| Hydraulic Lid | Optional | Optional | Optional | Optional |
| Poultry Litter Package | Optional | Optional | Optional | Optional |
| High Flootation Axle Package | Optional | | Standard | |
| Hyd. Brakes-HF axle only | Optional (2 or 4 wheel) | | Optional (2 or 4 wheel) | |
| Safety Chain | Optional | | Optional | |
| Truck Mount Drive Options | | PTO - Direct Std. Hydrostatic - Opt | | PTO - Direct Std. Hydrostatic - Opt |
| Hyd. Drive Expellers W/variable auger speeds | N/A | Optional | N/A | Optional |

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See the spreader truck mount specifications for mounting instructions, which is also available at www.meyermfg.com/specifications.php.

MEMBER



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Farm Equipment Buyers Trust the Name Meyer!



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