





OPERATION AND PARTS MANUAL



APRIL 2023

SN 77023001 -

PROUDLY MADE IN THE USA















Some illustrations may not represent the spreader model you have; however, the principles of operation and maintenance are the same. If you have questions specific to your spreader, please contact your dealer.

SPECIFICATIONS AND DESIGN SUBJECT TO CHANGE WITHOUT NOTICE

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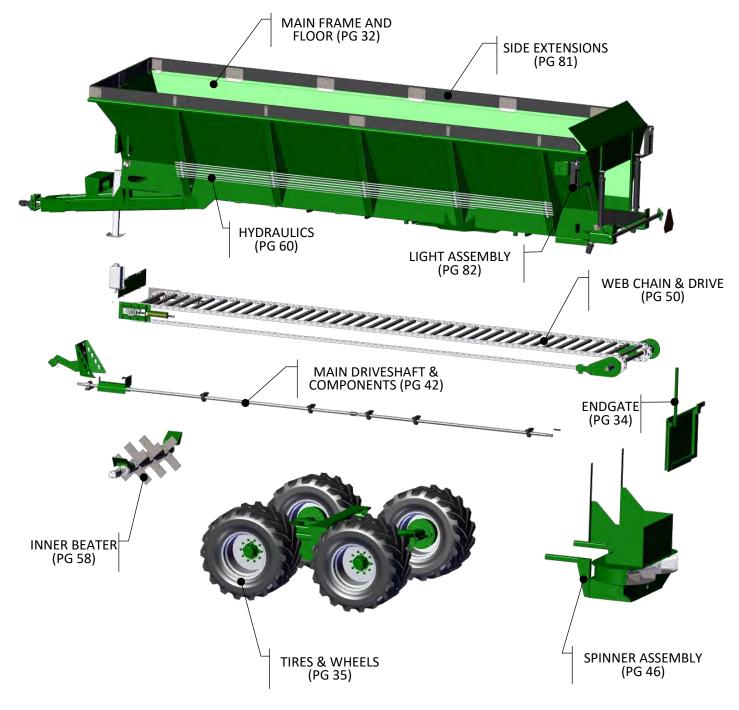
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OPERATION MANUAL INTRODUCTION

TO THE NEW OPERATOR OR OWNER

Since 1986 Pik Rite equipment has been developed by people who work as hard as you do in the fields, on the farm and on site. Our goal is to deliver products that get the job done with the most efficient results. If you want tough, dependable people and products you can count on, we've got your back.

This manual is provided to all our customers of newly manufactured manure spreaders to create an awareness of all maintenance expectations and dangers that may be encountered when owning this equipment. This manual should be kept for all future references. Please review these operating instructions carefully, then sign and date the last page of this document and return it to Pik Rite Inc. for processing. This will activate your warranty and verify that you have read and understand the following operating instructions and warnings. In the event you have questions or encounter other applications not discussed in this manual, please call before proceeding.

Congratulations and Thank You for choosing a quality manure spreader manufactured by Pik Rite Inc. We believe you'll be very satisfied with the purchase, and we appreciate your patronage.

PRINCIPLES OF OPERATION

The Hydra-Pull series features heavy duty components throughout the entire spreader. With a pintle chain breaking strength of 60,000 lbs, a rugged steal box design, and poly board flooring for maximum strength and durability, this machine is designed to efficiently and uniformly spread manure.

Spring Tension Rollers – The spring loaded front idler rollers keep the chain secure and provides better chain tracking.

Two Piece Drive Sprocket – The pintle chain sprocket allows for service removal without completely disassembling the drive system.

Precision Application – Optional load cells in the spreader body allow the hydraulic drive to adjust speed for consistent output.

OPERATION MANUAL SAFETY



RECOGNIZE SAFETY INFORMATION

This is the safety-alert symbol. When you see this symbol on your machine or in this manual be alert to the potential of physical injury.

Obey all safety messages that follow this symbol to avoid possibly injury or death.



UNDERSTAND SIGNAL WORDS

A signal word – DANGER, WARNING, or CAUTION – is used with the safety-alert symbol. DANGER identifies the most serious hazards.

DANGER indicates a hazardous situation which, if not avoided, *will* result in death or serious injury.

WARNING indicates a hazardous situation which, if not avoided, *could* result in death or serious injury.

CAUTION indicates a hazardous situation which, if not avoided, *could* result in minor or moderate injury.

NOTICE is used to address practices not related to physical injury.

SAFETY INSTRUCTIONS are used to indicate specific safety-related instructions or procedures.



FOLLOW SAFETY INSTRUCTIONS

Carefully read all safety messages in this manual and on your machine safety labels.

Learn how to operate the machine and how to use controls properly. Do not let anyone operate without instruction.

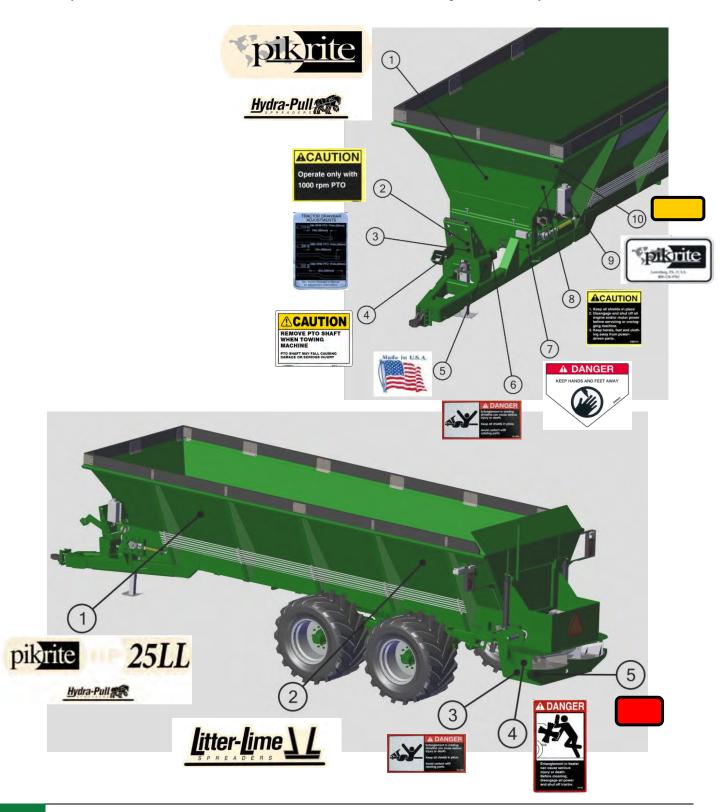
Keep your machine in proper working condition. Unauthorized modifications to the machine may impair the function and/or safety and affect machine life.

If you do not understand any part of this manual and need assistance, contact your Pik Rite dealer.

SAFETY

REPLACE SAFETY LABELS

Keep safety labels in good condition. Replace missing or damaged safety labels. Be sure new equipment components and repair parts include the current safety labels. Replacement safety labels are available from your Pik Rite dealer (See "Front Decals" and "Side Decals" in the Parts Manual for part numbers.)



A DANGER KEEP SHIELDS IN PLACE

Do not operate spreader without safety shields in place.

Rotating parts can crush or dismember causing death or personal injury.

Disconnect PTO driveline and hydraulic lines from tractor before removing shields for adjustment or service.



<u>^</u>WARNING PROTECT BYSTANDERS

Never operate the spreader near people.

Do not place rocks, timbers or other solid objects in the spreader. Objects can be thrown great distances causing injury to people.



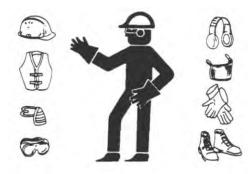
△CAUTION WEAR PROTECTIVE CLOTHING

Wear close fitting clothing and safety equipment appropriate to the job.

Prolonged exposure to loud noise can cause impairment or loss of hearing.

Wear a suitable hearing protective device such as earmuffs or earplugs to protect against objectionable or uncomfortable loud noises.

Operating equipment safely requires the full attention of the operator. Do not wear radio or music headphones while operating machine.

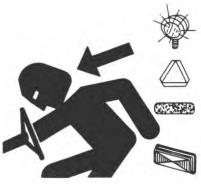


NARNING USE SAFETY LIGHTS AND DEVICES

Slow moving tractors, self-propelled equipment and towed implements or attachments can create a hazard when driven on public roads. They are difficult to see, especially at night. Avoid personal injury or death resulting from collision with a vehicle.

Flashing warning lights and turn signals are recommended whenever driving on public roads. To increase visibility, use the devices provided with your machine. For some equipment, install extra flashing warning lights.

Keep safety items in good condition. Replace missing or damaged items.



SAFETY



MARNING KEEP RIDERS OFF MACHINE

Riders are subject to injury such as being struck by foreign objects and being thrown off the machine. Riders also obstruct the operator's view resulting in the machine being operated in an unsafe manner



SAFETY INSTRUCTIONS PARK SPREADER SAFELY

Park spreader on a level surface and block wheels.

Close endgate.

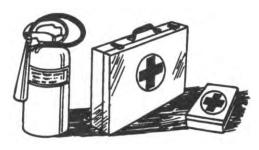
Secure jackstand with pin.



Be prepared if a fire starts.

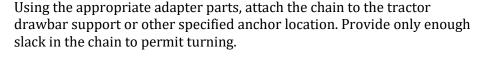
Keep a first aid kit and fire extinguisher handy.

Keep emergency numbers for doctors, ambulance service, hospital, and fire department near your telephone.

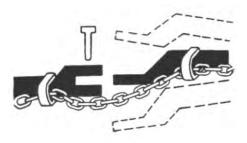


SAFETY INSTRUCTIONS USE A SAFETY CHAIN

A safety chain will help control drawn equipment should it accidentally separate from the drawbar.



See your Pik Rite dealer for a chain with a strength rating equal to or greater than the gross weight of the towed machine. Do not use safety chain for towing.



△ DANGER OPERATE SPREADER SAFELY

Rotating parts can entangle or strike people, resulting in death or personal injury.

Never enter a spreader while in operation.

Operate the spreader from the tractor seat only.

Do not exceed load capacity of the spreader. (See Transport section)

Reduce speed when turning or traveling on rough terrain. Avoid traveling over loose fill, rocks, ditches or holes.

When working on inclines or slopes, travel uphill or downhill. Keep tractor in gear when traveling downhill.



Contact with a lowering endgate can cause death or personal injury.

Lower endgate and disconnect hydraulic lines before servicing or adjusting.

MARNING STAY CLEAR OF ROTATING DRIVELINES

Entanglement in rotating driveline can cause serious injury or death.

Keep tractor master shield and driveline shields in place at all times. Make sure rotating shields turn freely.

Wear close fitting clothing. Stop the engine and be sure PTO driveline is stopped before making adjustments, connections, or cleaning out PTO driven equipment.

A DANGER STAY CLEAR OF ROTATING BEATER

Rotating beater can entangle or strike causing death or personal injury.

Do not clean out or service spreader while beater is rotating.

Disconnect PTO driveline and make sure all parts have stopped rotating before cleaning or servicing.

Do not cut or weld on vertical beater attachment. Serious injury or death could occur when operating.









SAFETY





Escaping fluid under pressure can penetrate the skin causing serious injury.

Avoid the hazard by relieving pressure before disconnecting hydraulic or other lines. Tighten all connections before applying pressure.

Search for leaks with a piece of cardboard. Protect hands and body from high pressure fluids.

If an accident occurs, see a doctor immediately. Any fluid injected into the skin must be surgically removed within a few hours or gangrene may result. Doctors unfamiliar with this type of injury should reference a knowledgeable medical source.



SAFETY INSTRUCTIONS

SERVICE SPREADER SAFELY

To help prevent personal injury caused by unexpected movement, be sure to service spreader on level surface.

If spreader is connected to tractor, disengage PTO, engage parking brake and/or place transmission in "PARK," shut off engine and remove key.

If spreader is detached from tractor, block wheels and use safety stands to prevent movement.

Replace all shields after lubricating or servicing.



SAFETY INSTRUCTIONS

REDUCE SPEED WHEN TOWING LOADS

Braking to stop towed loads from transport speeds can cause the towed load to swerve and upset. Reduce speed if towed load weighs more than the tractor and is not equipped with brakes.

Follow recommended speed-weight ratio guidelines:

- Maximum speed is 20 mph (32 km/h) when towing loads equal to or less than the tractor.
- Reduce speed to 10 mph (16 km/h) when towing loads more than equal and up to double the tractor weight.
- Do not tow loads exceeding double the tractor weight.
- Use additional caution when towing loads under adverse surface conditions, when turning, and on inclines

NOTICE APPROVED TRACTORS, MODEL HP25LL

Row Crop Tractors with 200 HP PTO rating or larger are approved for operation with the HP25LL Spreader.

Utility Tractors are **NOT APPROVED** because of drawbar weight limitations and the inability to ballast the tractor enough to meet requirements for towing.

A drawbar support is required on any tractor with a drawbar size of no less than 1-1/2 x 3 in.

Tractor hydraulic oil reservoir must have capacity for 3.7 U.S. gal. net draw for a spreader with an endgate or 3.1 U.S. gal. without an endgate.

Tractor standby hydraulic pressure must be 1500 psi minimum.

Two selective control valves are required to operate the spreader.

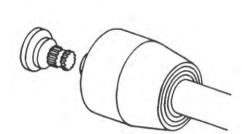


MODEL - HP25LL - 1000 RPM ONLY

Drive components can be damaged.

Under no circumstances should a machine equipped for 540 rpm PTO be operated by a tractor equipped with 1000 rpm PTO.

Nor should a 1000 rpm PTO machine be operated with a tractor equipped with 540 rpm PTO.

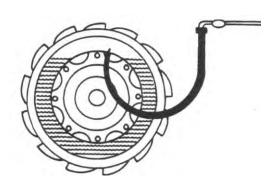


NOTICE BALLASTING THE TRACTOR

Do not tow loads that weigh more than twice the tractor weight.

(See Recommended Maximum Towing Speed in Transport section.)

To ensure proper stability, adjust ballast and wheel spacing according to tractor operator's manual.



PREPARING THE TRACTOR



PTO Speed Dimension (A) 1000 rpm x 1-3/4 508 mm (20in.) SAFETY INSTRUCTIONS

POSITIONING DRAWBAR

Tractor PTO and machine driveline can be damaged. Be sure drawbar length is properly set. If equipped with clevis, remove it. Lock drawbar along tractor centerline with offset down.

Remove clevis if equipped.

Adjust drawbar length (A) to help prevent driveline damage.

A tractor drawbar support is required on tractors with a drawbar size of $1-1/2 \times 3$ in. minimum

USING SELECTIVE CONTROL LEVERS TO CONTROL CHAIN SPEED

Floor and moving panel speed can be controlled by using tractor selective control lever to extend and retract cylinders.

Adjust selective control valve lever to provide the slowest operating speed. (See your tractor operator's manual). Maximum hydraulic oil flow through the spreader control valve is 15 gpm. Trying to force through more oil than this, may create a pressure drop.

SETTING HYDRAULIC SPEED ENDGATE OPERATION

Excessive operating speed may cause machine damage. Adjust selective control valve lever to provide correct operating speed.

Adjust selective control valve lever, it should take two to three seconds to fully extend or retract the cylinder. (See your tractor operator's manual).

CHECKING TRANSMISSION/HYDRAULIC OIL LEVEL

Cycle all hydraulic cylinders fully two or three times.

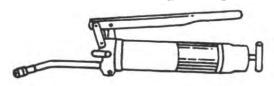
Fully retract all cylinders.

Check transmission/hydraulic oil level. (See your tractor's Operator's Manual)

PREPARING THE SPREADER

NOTICE LUBRICATING THE MACHINE

Be sure the machine has been adequately lubricated. (See Lubrication and Maintenance page.)



NOTICE BRAKE ADJUSTMENT (HYDRAULIC)

(Contact your Hydra-Pull Dealer for available brake kit)



SAFETY

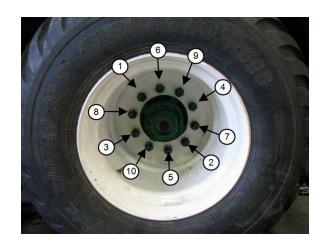
TIGHTENING WHEEL HARDWARE

Operating the spreader with loose wheel hardware will damage the hub or wheel. Tighten hardware after initial transport, after one hour of operation and every fifty hours thereafter.

Tighten to 375 lb-ft of dry torque in the sequence shown.

| Tire Size | Wheel Size | Tire Pressure |
|-------------|-------------|---------------|
| 710/50-26.5 | 26.5 x 28 | 60 psi |
| 750/60-30.5 | 30.5 x 29.5 | 40 psi |

(Additional options may be available, please contact your dealer for more information)



SAFETY INSTRUCTIONS

CHECKING TIRES

- 1. Check tires daily for damage or noticeably low pressure.
- 2. Repair any cuts or breaks as soon as possible.
- 3. Protect tires from exposure to sunlight and petroleum products or chemicals.





To start beater, engage PTO lever slowly, at low engine rpm.

To stop beater, disengage PTO. (See your tractor's Operator's Manual)

For best spreading results, operate the tractor engine at "PTO RATED" speed.

Do not operate the apron chain without running the beaters as this may damage the spreader.

OPERATING THE ENDGATE

Contact of apron chain running with endgate closed will cause damage. To avoid contact with apron chain, endgate must be raised when running.

Operate the endgate with the second auxiliary control valve lever.



SAFETY INSTRUCTIONS **OPERATING APRON CHAIN**

To run apron chain lock hydraulic control lever in operating position on tractor.

See your tractor's operating manual for information on how to control flow rates of your hydraulic system.

Maximum hydraulic oil flow through the spreader apron chain motor is 15 gpm. Trying to force through more oil than this may cause serious damage to motor (relief factory set at 1250 psi)



△CAUTION ATTACHING THE SPREADER

Help prevent personal injury caused by unexpected movement of the machine. Engage parking brake and/or place transmission in "PARK", shut off engine, and remove key before working around hitch.

1. Attach with a 1-1/2 in. pin and secure.

Shorten safety chain to allow only enough slack required for turning.

2. Lock safety hook onto chain.



- 1. Connect red line to supply port.
- 2. Connect blue line to service/control port.



- 1. Connect pressure hoses to pressure ports of hydraulic remote coupler.
- 2. Connect return hoses to return ports of hydraulic remote coupler.

(Relief factory set 1000 psi)





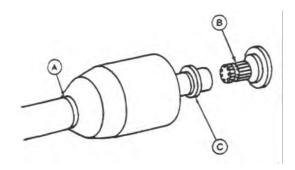




ATTACHING DRIVELINE

Avoid causing damage to shielding, DO NOT use bell on driveline to lift driveline into position.

- 1. Support driveline, cradling it in your hand.
- 2. Rotate driveline (C) or tractor PTO (B) to align splines.
- 3. Pull collar (C) rearward and push forward on bell (A) to engage driveline yoke with tractor PTO (B).
- 4. Pull back on PTO driveline shielding to be sure driveline is locked. **DO NOT** pull on collar, this will release latch.



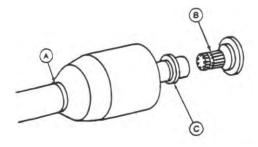
DETACHING THE SPREADER



SAFETY INSTRUCTIONS

DETACHING SPREADER

- 1. Secure jack stand in lift position
- 2. Detach safety chain
- 3. Remove hitch pin
- 4. Disconnect hoses. Store on spreader



INSTRUCTIONS DETACHING DRIVELINE

- 1. Support driveline (A) and pull rearward on collar (C) to release driveline from tractor PTO (B).
- 2. When possible store driveline in driveline cradle provided with machine.
- 3. Replace tractor PTO shields.

SAFETY INSTRUCTIONS

USING A SAFETY CHAIN

A safety chain will help control drawn equipment should it accidentally separate from the drawbar while transporting. Using the appropriate adapter parts, attach the chain to the tractor drawbar support or other specified anchor location. Provide only enough slack in the chain to permit turning. See your Pik Rite dealer for a chain with a strength rating equal to or greater than the gross weight of the towed machine.



NOTICE

LIGHTING

When transporting the machine on a road or highway at night or during the day, use accessory lights and devices for adequate warning to operators of other vehicles. Check local governmental regulations. Keep safety items in good condition. Replace missing or damaged items.

(Contact your Hydra-Pull Dealer for available lighting kit)



SAFETY INSTRUCTIONS

TOWING LOADS

Braking to stop towed loads from transport speeds can cause the towed load to swerve and upset. Reduce speed if towed load is not equipped with brakes and weighs more than the tractor.

Follow recommended speed-weight ratio guidelines:

- Maximum speed is 20 mph (32 km/h) when towing loads equal to or less than the weight of the tractor.
- Reduce speed to 10 mph (16 km/h) when towing loads more than or up to double the tractor weight.
- **DO NOT** tow loads that exceed double the tractor weight.
- Use additional caution when towing loads under adverse road surface conditions (i.e. slippery or rough), when turning and/or on inclines.
- For proper tractor size and towing speed see the following "Recommended Maximum Towing Speed" chart.
- If necessary, add ballast as described in your tractor's Operator's Manual.





RECOMMENDED MAXIMUM TOWING SPEED

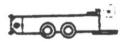
| Tractor Weight | * | ** | *** | **** |
|------------------|------------|------------|------------|------------|
| (0-2997 lb) | Do Not Tow | Do Not Tow | Do Not Tow | Do Not Tow |
| (2998-5950 lb) | Do Not Tow | Do Not Tow | Do Not Tow | Do Not Tow |
| (5951-11021 lb) | Do Not Tow | Do Not Tow | Do Not Tow | Do Not Tow |
| (11022-12123 lb) | Do Not Tow | Do Not Tow | Do Not Tow | Do Not Tow |
| (12124-14769 lb) | Do Not Tow | Do Not Tow | Do Not Tow | Do Not Tow |
| (14770-22044 lb) | Do Not Tow | Do Not Tow | Do Not Tow | Do Not Tow |
| (22045-24910 lb) | (20 mph) | (10 mph) | (10 mph) | (10 mph) |
| (24911-29540 lb) | (20 mph) | (10 mph) | (10 mph) | (10 mph) |
| (29541 lb-Up) | (20 mph) | (10 mph) | (10 mph) | (10 mph) |

^{*}Base Spreader Empty Load

^{****}Load piled at 15 in. above optional upper beater consisting of semi-solid type manure. Calculated at 55 lb/cu ft



COMBINED WEIGHT OF SPREADER AND LOAD









^{**}Load struck level consisting of manure with high liquid content. Calculated at 70 lb/cu ft

^{***}Load piled 381 mm (15 in.) above beater consisting of semi-solid type manure Calculated at 55 lb/cu ft



PREOPERATING CHECKS

- 1. Be sure spreader does not contain any foreign objects
- 2. Check for correct hydraulic hookup. Raise endgate fully. Engage beaters, engage apron chain
- 3. Disengage apron chain, disengage beaters
- 4. Close endgate



△CAUTION LOADING THE SPREADER

Do not place rocks, timbers, or other solid objects in the spreader. Objects of this nature can damage the spreader and could also be thrown great distances causing possible injury to anyone standing in the vicinity.

Load front of spreader first, distributing load evenly.

When operating without an endgate, avoid loading manure against the beater.



△CAUTION PREPARE TO UNLOAD THE SPREADER

Help prevent personal injury. Be sure no one is near spreader and tractor before operating.

Start beater by engaging PTO slowly at low engine rpm. Increase to "PTO RATED" speed.

For best spreading results, operate tractor at "PTO RATED" speed.

Do not operate apron chain without running the beaters as this may damage the spreader.



OPERATING THE SPREADER

NOTICE

RAISE ENDGATE

Contact of apron chain with endgate will cause damage. To avoid contact with apron chain, endgate must be raised fully.

The endgate closes off the back end of the spreader to contain manure with high liquid content.

The endgate also prevents solid material from being piled tight against the beater.



UNLOADING SPREADER USING

METERING VALVE

1. Set flow control on tractor hydraulics obtain desired rate of unload speed.



Rate of spread is affected by both ground speed and unload speed. Experience will help you determine both gear selection and control knob setting.

2. When spreader is empty, disengage apron chain, disengage PTO, and lower endgate.

SAFETY INSTRUCTIONS

PRODUCING GOOD SPREADING RESULTS

- 1. Operate tractor engine at "PTO RATED" speed.
- 2. Do not overload beater. A clumpy spread pattern will result from too fast of an unload rate.
- 3. When operating without an endgate, avoid loading material against the beater. Otherwise, large clumps of material will be thrown out during the first few turns of the beater.

NOTICE

CLEANING SPREADER IN COLD WEATHER

When operating the spreader during extended periods of subfreezing temperatures, frozen material may build up on steel surfaces. This can prevent the beater from moving.

After completing spreading for the day, use the following cleaning procedure.

Cleaning is only necessary during extended periods of subfreezing temperatures.

Remove material along edges of apron chain

Remove material buildup from endgate panel. Keep endgate arms clean to prevent freezing to side rails.

OPERATING THE SPREADER

NOTICE CLEAN WALKING BEAM

When tire valve stems are mounted towards the inside, clean top of walking beams to prevent valve stem damage.

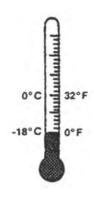


It is necessary to warm the hydraulic oil for proper spreader operation.

Follow the procedures in your tractor's Operator's Manual for warming hydraulic oil.

The following procedures apply only to tractors with a closed center hydraulic system.





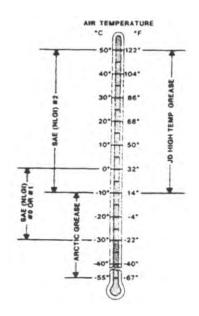
NOTICE BYPASSING SPREADER CONTROL VALVE

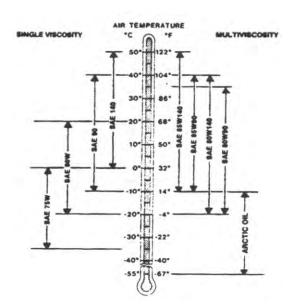
There will be a large hydraulic oil pressure drop across the auxiliary flow control valve when the oil is cold. Oil pressure available to hydraulic cylinders may be too low.

Try cycling the cylinders several times slowly so the cold oil in the cylinders is mixed with the warm oil in the tractor. In the event of extreme cold; you may need to bypass the control valve to do this. Be sure you begin by moving the cylinders very slowly.

Reconnect hoses to flow control valve.







△CAUTION LUBRICATING AND MAINTAINING SPREADER

Help prevent personal injury caused by unexpected movement of the machine. If spreader is connected to tractor, disengage PTO, engage parking brake and/or place transmission in "PARK", shut off engine, and remove key. If spreader is detached, block wheels and use safety stands.

Replace all shields after lubricating or servicing.

NOTICE OBSERVING INTERVALS

The intervals recommended are based on normal conditions. Severe or unusual conditions may require more frequent attention.

NOTICE SELECTING GREASE

Depending upon the expected air temperature range during the service interval, use grease as shown on the adjusting temperature chart.

SAE-Multipurpose High Temperature Grease with Extreme Pressure [EP] Performance with 3 to 5% molybdenum disulfide.

Moly-type grease is recommended, however, if not available, multipurpose grease is acceptable.

NOTICE SELECTING GEAR CASE OIL

Depending upon the expected air temperature range during the drain internal, use oil viscosity shown on the adjoining temperature chart.

- API Service Classification GL-5
- Military Specification MIL-L-2105B
- Military Specification MIL-L-2105C

At temperatures below -35° [-31°], use arctic oils such as those meeting Military Specifications MIL-G-10324A.

NOTICE SERVICE INTERVALS

• Change gearbox lubricant every 6,000 loads

EVERY 8 HOURS

- Lubricate driveline
- Check gear case oil level
- Check tires
- Check axle hub oil

EVERY 40 HOURS

- Lubricate top beater bearings
- Grease apron chain drive bearings & sprockets

EVERY 50 HOURS

- Adjust apron chain
- •Tighten wheel hardware
- •Lubricate walking beam pivots

EVERY 250 HOURS

• Lubricate endgate pivots

SERVICE AS REQUIRED

- Adjust apron chain tension
- Slip the clutch

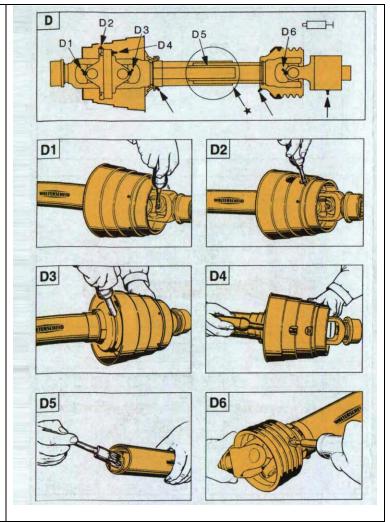
In addition to the above referenced information, you are working with a central lube CV design on the primary that contains a special lubrication provision that needs to be well defined for the user so that extended life on the CV can be achieved.

The key point is that each CV has one zerk in a bearing cap and it is this zerk that is most important since it feeds the inboard cross kit as well as the the ball and socket of the CV. The user needs to understand that the zerk in the cap should receive **15-20 pumps** of grease each day while the other zerks in the joint

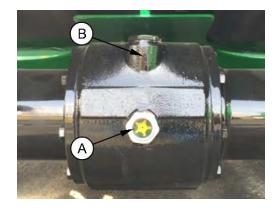
CV housing and telescoping members can operate with 5-6 pumps or until the seals purge. The plastic zerks feeding the shielding should also receive 3-4 pumps daily if shields are being restrained.

Primary Driveline (to Tractor) Lubricate fittings D1 through D6 every eight hours of operation.

Secondary Driveline (under spreader) Lubricate as above including overrunning clutch.



<u>NOTE:</u> Lubrication step D5 is only necessary when driveline does not have grease fitting. Separate front and rear halves of driveline and brush with grease.



NOTICE CHECK GEAR CASE OIL LEVEL

Add recommended oil as needed. (See Selecting Gear Case Oil) To add oil, remove fill cap at the top of the gearcase "B"

With spreader on level ground, check oil level at the sight glass on the center gearcase "A"



GREASE TOP BEATER BEARINGS **NOTICE**

Grease the two bearings at the top of the vertical beaters every 8 hours of operation. Rear grease bank on beater side panel



SAFETY INSTRUCTIONS **CHECKING TIRES**

- 1. Check tires daily for damage or noticeably low pressure.
- 2. Repair any cuts or breaks as soon as possible.
- 3. Protect tires from exposure to sunlight and petroleum products or chemicals.

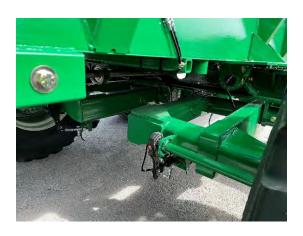
| Tire Size | Wheel Size | Tire Pressure |
|-------------|-------------|---------------|
| 710/50-26.5 | 26.5 x 28 | 60 psi |
| 750/60-30.5 | 30.5 x 29.5 | 40 psi |

SAFETY INSTRUCTIONS

LUBRICATE WALKING

BEAM PIVOTS

- 1. Place a jack under the spreader main frame.
- 2. Raise spreader enough to relieve weight from walking beam.
- 3. Lubricate grease bank (A) with Moly High Temperature/Extreme Pressure Grease.



NOTICE

TIGHTENING THE CHAIN

- 1. Loosen the jam nut at the bearing enough to adjust.
- 2. Tighten the nut at the end of the threaded rod so the spring length is 10" (between the plates).
- 3. Retighten the jam nut.



NOTICE TIGHTENING WHEEL

HARDWARE

Operating the spreader with loose wheel hardware will damage the hub or wheel. Tighten hardware after initial transport, after one hour of operation, and every fifty hours thereafter.

Tighten to 375 lb.-ft. in the sequence shown.





NOTICE

LUBRICATE CHAIN DRIVE

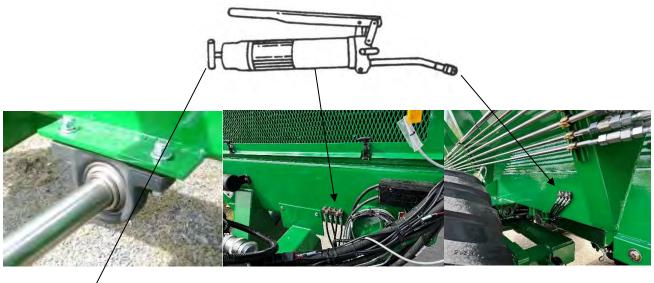
Before long periods of storage, always oil the chain. Run the chain with both ball valves fully open for 5 minutes. Approximately usage will be a quart of oil every lubrication cycle



LUBRICATE THE SIX PILLOW BLOCKS

Located under the spreader, they carry the main power shaft, using central grease locations

Lubricate grease fitting with Moly High Temperature/Extreme Pressure Grease





LUBRICATE WALKING BEAMS

Using grease banks attached to side rails (two on each side).



MAINTAINING SLIP CLUTCH, WALTERSCHEID

The clutch is preset and is not field adjustable

If you determine that your slip clutch needs maintenance or adjustment, contact your dealer

TRACTOR SIZE

Minimum recommended 200 hp PTO

WEIGHT

Spreader, Complete with Implement tires

And all Attachments 19,700 lb.

LOAD CAPACITY 48,400 lb.

VOLUME CAPACITY

Struck Level 707 cu. ft.

Heaped Load 1058 cu. ft.

SPINNER SPEED 520 rpm

UNLOADING SPEED

Infinitely Variable 0-16 ft/min

DRIVELINE

Shielded 1000 rpm

SPECIFICATIONS AND DESIGN SUBJECT TO CHANGE WITHOUT NOTICE

PARTS MANUAL

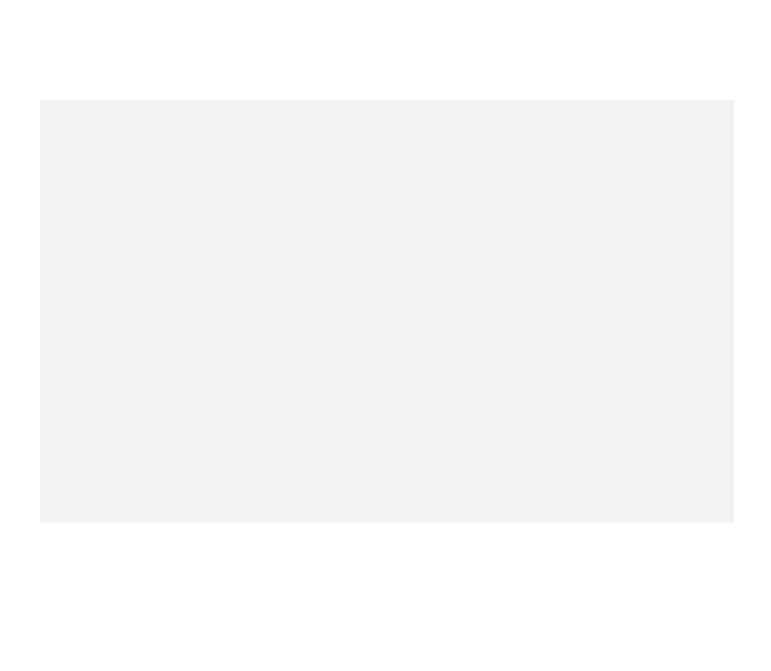


DIRECTION ARROWS

ARROWS ARE USED WITH ILLUSTRATIONS TO INDICATE THE FRONT OF THE UNIT. "RIGHT-HAND" AND "LEFT-HAND" SIDES ARE DETERMINED BY FACING THE DIRECTION OF MACHINE FORWARD TRAVEL.

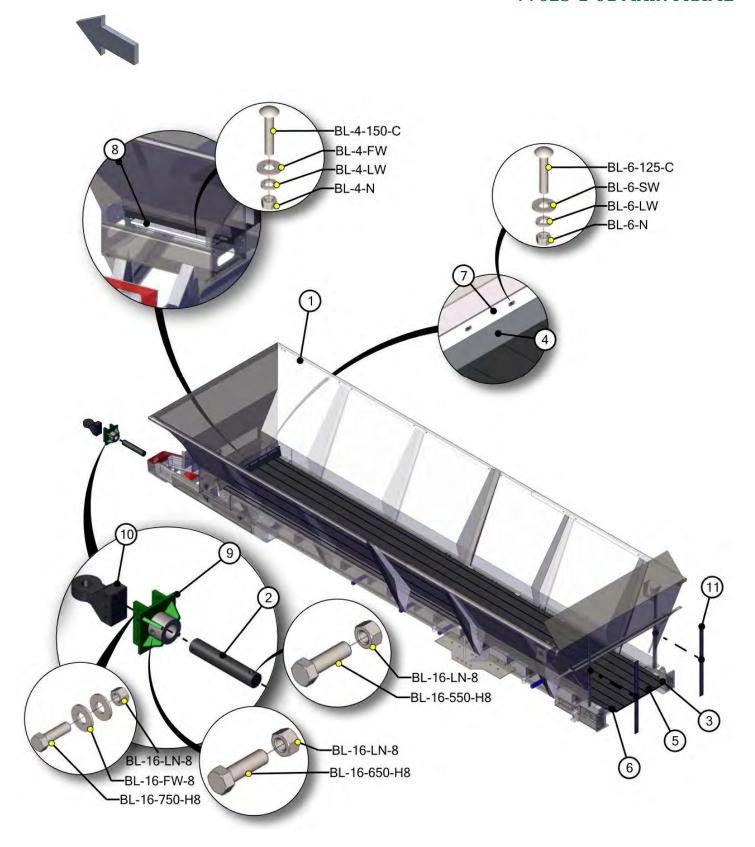
REFERENCE NUMBER IDENTIFICATION

| REF NO. | DESCRIPTION |
|---------|-----------------------------|
| 000-099 | PARTS USED FOR ASSEMBLY |
| 100-199 | BOLTS AND FASTENERS |
| 200-299 | ELECTRICAL COMPONENTS |
| 800-899 | REPLACEMENT PARTS |
| | (USED TO REPAIR ASSEMBLIES) |



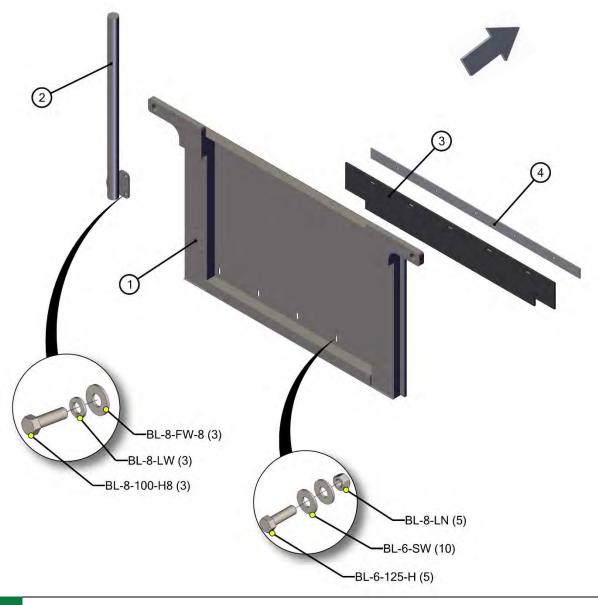
77023-1-01 MAIN FRAME

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|--------------|--------------------------------------|-----|-------------|---------|
| 1 | PR72030 | Main Frame, HP25LL | 1 | | |
| 2 | PR63101 | Hitch Shaft, Hardened, Long | 1 | | |
| 3 | PR72100 | Poly Board, RH, Custom Cut | 1 | | |
| 4 | PR72102 | Front Belting, Belting | 1 | | |
| 5 | PR72101 | Poly Board, Cut to 305.5 | 6 | | |
| 6 | PR72104 | Poly Board, LH, Custom Cut | 1 | | |
| 7 | PR72103 | Front Belting Bar | 1 | | |
| 8 | PR72105 | Front Floor Trim Plate | 1 | | |
| 9 | PR80007 | Load Cell Mount, Hitch Area, 1880 VB | 1 | | |
| 10 | TH-0002 | Bull-Pull Articulating Hitch, 3-Bolt | 1 | | |
| 11 | PR72016 | Endgate backing bar | 2 | | |
| 100 | BL-4-150-C | 1/4-20 X 1-1/2 CARRIAGE BOLT G5 ZC | 78 | | |
| 101 | BL-4-FW | 1/4 USS FW ZC | 78 | | |
| 102 | BL-4-LW | 1/4 SPLIT LW ZC | 78 | | |
| 103 | BL-4-N | 1/4-20 HEX FIN NUT ZC | 78 | | |
| 104 | BL-16-750-H8 | 1-8 X 7-1/2 HH C/S G8 ZC | 3 | | |
| 105 | BL-16-650-H8 | 1-8 X 6-1/2 HH C/S G8 ZC | 1 | | |
| 106 | BL-16-550-H8 | 1-8 X 5-1/2 HH C/S G8 ZC | 1 | | |
| 107 | BL-16-FW-8 | 1 FW G8 | 6 | | |
| 108 | BL-16-LN-8 | 1 LN w/ NYLON INSERTS | 5 | | |
| 109 | BL-6-125-C | 3/8-16 X 1-1/4 CARRIAGE BOLT G5 ZC | 7 | | |
| 110 | BL-6-SW | 3/8 SAE FW ZC | 7 | | |
| 111 | BL-6-LW | 3/8 SPLIT LW ZC | 7 | | |
| 112 | BL-6-N | 3/8-16 HEX NUT ZC | 7 | | |



77021-1-03 GUILLETINE ENDGATE

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|-------------|--------------------------------------|-----|-------------|---------|
| 1 | PR72004 | Guilletine Endgate, Lime/Litter | 1 | | |
| 2 | PR72011 | Endgate Marker | 1 | | |
| 3 | PR72012 | Endgate Belting | 1 | | |
| 4 | PR72013 | Belting Bar, Endgate | 1 | | |
| 5 | DC-0123 | Ruler Decal, HP500, Tailgate Opening | 1 | | |
| 100 | BL-8-100-H8 | 1/2 X 1 HH G8 | 3 | | |
| 101 | BL-8-LW | 1/2 SPLIT LW ZC | 3 | | |
| 102 | BL-8-FW-8 | 1/2 FW G8 ZC | 3 | | |
| 103 | BL-6-125-H | 3/8-16 X 1-1/4 HHCS G5 ZC | 5 | | |
| 104 | BL-6-SW | 3/8 SAE FW ZC | 10 | | |
| 105 | BL-6-LW | 3/8 SPLIT LW ZC | 5 | | |



77021-1-04 TIRES AND WHEELS, 710/50-26.5

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|----------|--|-----|-------------|---------|
| 1 | WHM-7120 | 710/50R-26.5 Tire & Wheel Assy, 335mm BCD, Mounted, ADR | 4 | | |



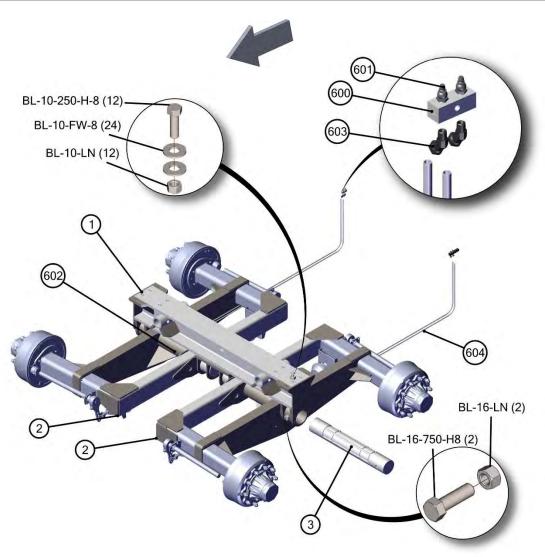
77021-1-04A OPTIONAL TIRES AND WHEELS, 750/60-30.5

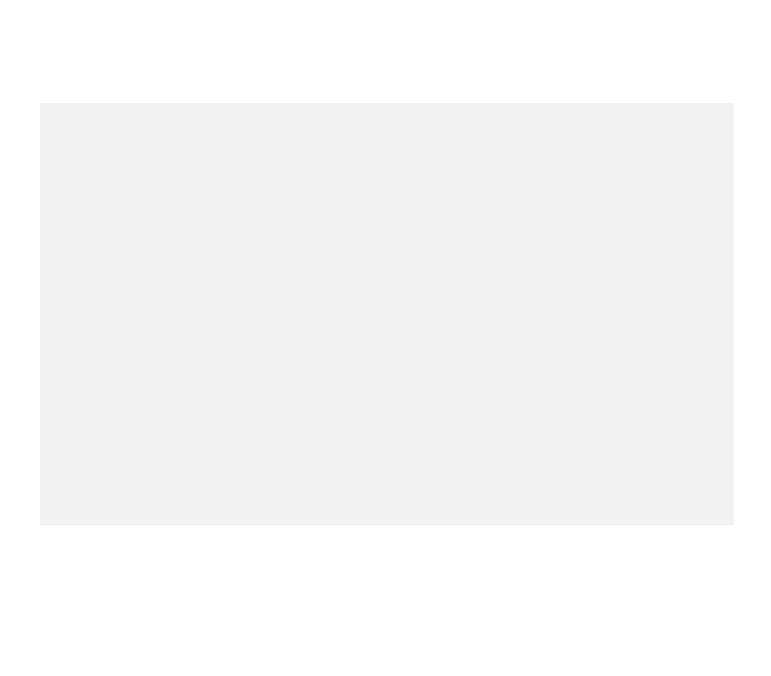
| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|----------|---|-----|-------------|---------|
| 1 | WHM-7121 | 750/60-30.5 Tire & Wheel Assy, 335mm BCD, | 4 | | |



77021-1-06 WALKING BEAM

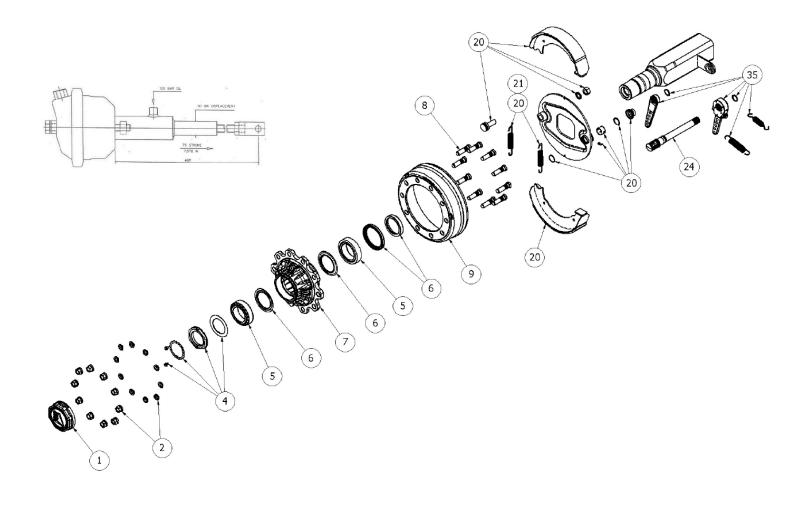
| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|----------------|--|-----|-------------|---------|
| 1 | PR72800 | Axle I Beam, Lime/Litter | 1 | | |
| 2 | PR72801 | Rocker, Walking Beam, Lime/Litter | 2 | | |
| 3 | PR72803 | Shaft, Walking Beam Pivot, Lime/Litter | 2 | | |
| 101 | BL-16-750-H8 | 1-8 X 7-1/2 HH C/S G8 ZC | 2 | | |
| 102 | BL-16-LN-8 | 1 H LN ZC G8 | 2 | | |
| 103 | BL-10-LN | 5/8-11 HEX LN NE ZC | 12 | | |
| 104 | BL-10-FW-8 | 5/8 FW G8 | 24 | | |
| 105 | BL-10-250-H-8 | 5/8-11 X 2-1/2 HH G8 ZC | 12 | | |
| 600 | GF-2-2 | 2' Grease Manifold | 1 | | |
| 601 | GF-1827 | Grease Fitting 1/8 NPT Straight | 4 | | |
| 602 | A-1501-2-2 | 1/8' MP x 1/8' FPX90- | 4 | | |
| 603 | A-1503-2-2 | 1/8' MP x 1/8' FPX 45- | 4 | | |
| 604 | H2-102-2MP-2MP | 1/8' Hose 1/8MP x 1/8MP x 102' L | 4 | | |

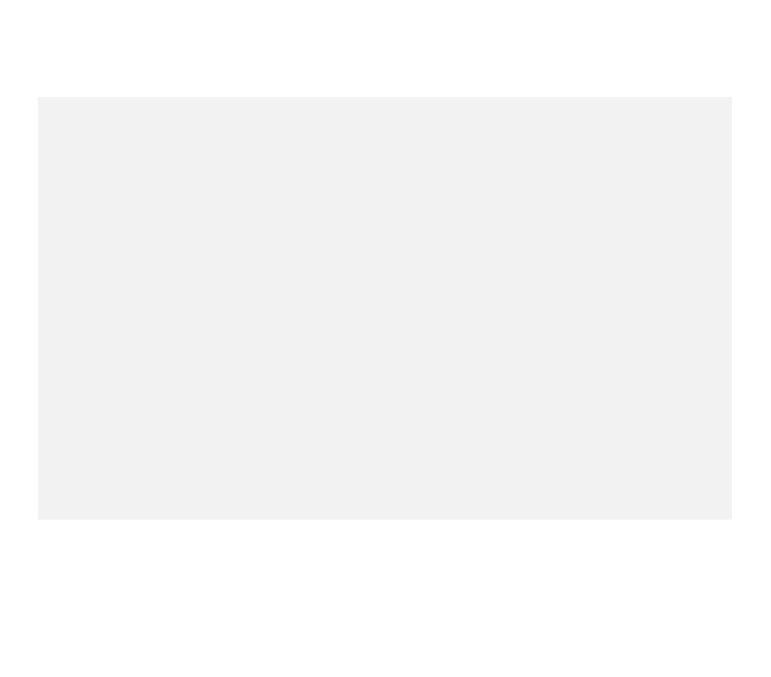




77021-1-06A ADR SQUARE AXLE

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|--------------|--------------------------------------|-----|-------------|---------|
| 1 | PR60124-A-1 | Outer Cap & O-Ring | 0 | | |
| 2 | PR60124-A-2 | Lug Nuts & Washers (10 each) | 0 | | |
| 4 | PR60124-A-4 | Ring Nut Locking Kit (5 pieces) | 0 | | |
| 5 | PR60124-A-5 | Bearings, Front & Rear | 0 | | |
| 6 | PR60124-A-6 | Seal Kit (4 pieces) | 0 | | |
| 7 | PR60124-A-7 | Hub | 0 | | |
| 8 | PR60124-A-8 | Studs (10 pieces) | 0 | | |
| 9 | PR60124-A-9 | Drum | 0 | | |
| 20 | PR60124-A-20 | Brake Assembly, Includes Springs (2) | 0 | | |
| 21 | PR60124-A-21 | Replacement Springs (2) | 0 | | |
| 24 | PR60124-A-24 | Cam Shaft, 32 Teeth Module | 0 | | |
| 25 | PR60124-A-25 | Replacement Cam Shaft | 0 | | |
| 35 | PR60124-A-35 | Lever Parts (6 pieces) | 0 | | |
| 36 | PR60124-A-50 | Actuator, Dual Control, Brake, 20/30 | 0 | | |

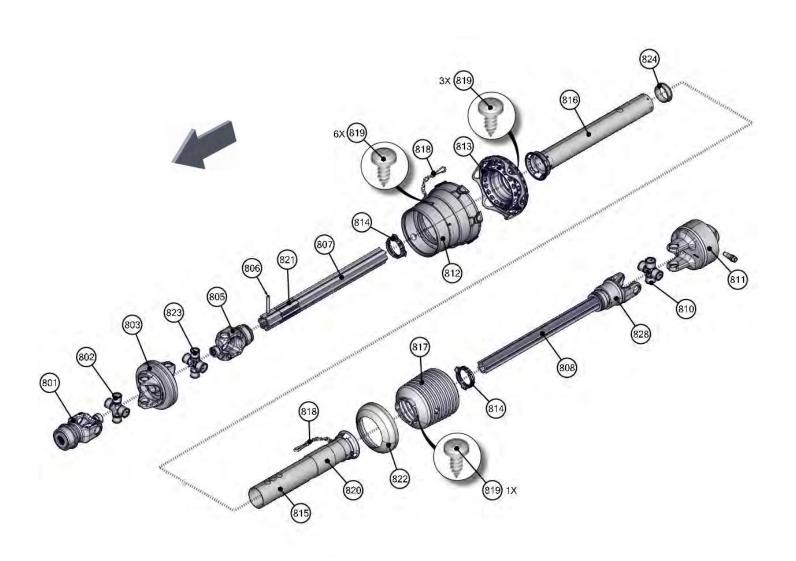




77021-2-01 FRONT DRIVELINE, 1000RPM, 1-3/4"

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|-------------|--|-----|-----------------------|--------------------|
| 1 | PTS-1025 | Driveline, 1-3/4'-20 Spline, PWE580 HD Shaft | 1 | | |
| 801 | PTS-1021A | Yoke, 1-3/4'-20 Spl. ASG | 0 | | Special Order Only |
| 802 | PTS-1021B | Cross & Bearing Kit | 0 | | Special Order Only |
| 803 | PTS-1005B | Double Yoke | 0 | | Special Order Only |
| 805 | PTS-1021C | Inboard Yoke S5 | 0 | | Special Order Only |
| 806 | PTB-1014C | Spring Pin 10 X 75 | 0 | | Special Order Only |
| 807 | PTS-1025A | Outer Profile 55GL | 0 | | |
| 808 | PTS-1024A | Overrunning Clutch & S4LGA Profile Assy. | 0 | | |
| 810 | PTS-4001B | Extended Lube Cross & Bearing Kit | 0 | Walterscheid Yokes | Special Order Only |
| 811 | PTS-1021E | Cut-Out Clutch | 0 | | Special Order Only |
| 812 | PTS-1021K | CV Guard & Bearing Assy | 0 | Replaces PTS-1005K | Special Order Only |
| 813 | PTS-1015M | Flex Net & Guard Assy | 0 | | |
| 814 | PTS-1002J | PTO Shield Bearing Ring | 0 | | Special Order Only |
| 815 | PTS-1025C | Guard Tube Outer | 0 | | |
| 816 | PTS-1025B | Guard Tube Inner | 0 | | |
| 817 | PTS-1021F | Guard Cone 9 Rib | 0 | | Special Order Only |
| 818 | PTS-1002K | PTO Shield Safety Chain | 0 | | Special Order Only |
| 819 | PTS-1010K | Screw | 0 | | Special Order Only |
| 820 | PTS-1010L | Decal, Outer | 0 | | Special Order Only |
| 821 | PTS-1010M | Decal, Inner | 0 | | Special Order Only |
| 822 | PTS-8100D | Reinforcing Collar | 0 | | Special Order Only |
| 823 | PTS-1021G | Cross & Bearing Kit | 0 | | Special Order Only |
| 824 | PTS-1021H | Support Bearing | 0 | | Special Order Only |
| 825 | PTB-1014L | Zerk | 0 | | Special Order Only |
| 826 | PTS-1009J | Decal | 0 | | Special Order Only |
| 827 | PTS-1021P | Lubrication Decal | 0 | Replaces PTS-1008Q | Special Order Only |
| 828 | PTS-1008C | Zerk, Double Yoke | 0 | | Special Order Only |
| 829 | PTS-1008R | ASG Collar Kit | 0 | | Special Order Only |
| 830 | PTS-1009K | CC Lock Assembly | 0 | | Special Order Only |
| 831 | PTS-1025-FH | Front Half, Drive Shaft | 0 | | |
| 832 | PTS-1025-RH | Rear Half, Drive Shaft | 0 | | |

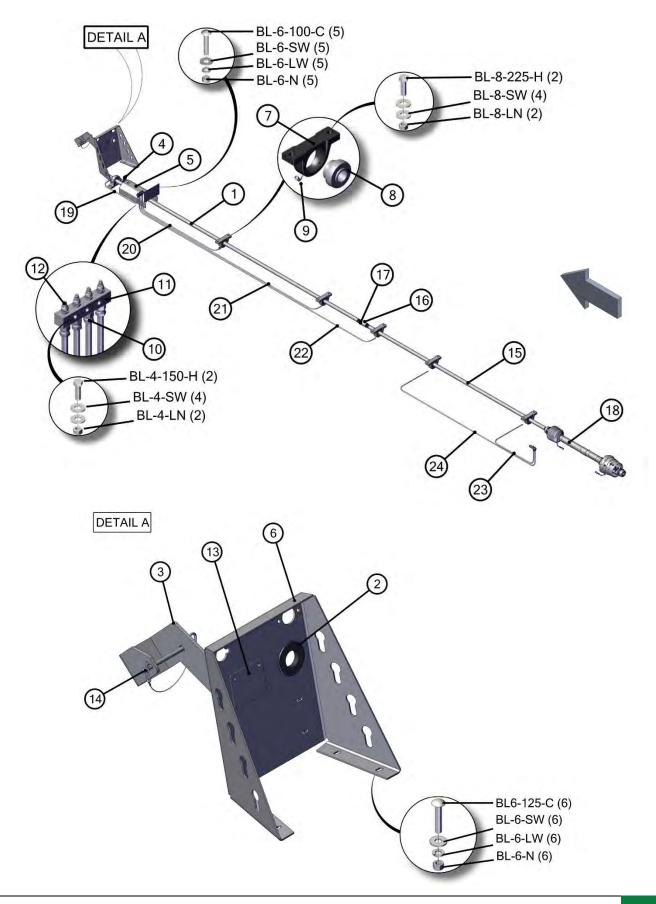
77021-2-01 FRONT DRIVELINE, 1000RPM, 1-3/4"



77023-2-02 MAIN DRIVE SHAFT

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|----------------|--|-----|-------------|---------|
| 1 | PR60101 | Main Drive Shaft, HP900 | 1 | | |
| 2 | EL-0041 | 2 ID Grommet, 3.5 x 3/16 cutout | 1 | | |
| 3 | PR70606 | PTO Holder, HP900 | 1 | | |
| 4 | PR70132 | Mount, Driveline Shield | 1 | | |
| 5 | PR72014 | Drive Shaft Shield,, Lime/Litter | 1 | | |
| 6 | PR70269 | Hose Mount | 1 | | |
| 7 | BR-100-RAK | Bearing Housing 100 mm | 6 | 11001 | *E1 |
| 8 | BR-175-100 | Heavy Duty 1-3/4" Bearing | 6 | | *D1 |
| 9 | A-1501-2-2 | 1/8 MP x 1/8 FPX90- | 6 | | |
| 10 | A-1404-2-2 | 1/8 MP x 1/8 FPX | 4 | | |
| 11 | GF-4-4 | 4' Grease Manifold | 2 | | |
| 12 | GF-1827-45 | Grease Fitting 1/8 NPT 45° | 7 | | |
| 13 | PR70131 | Cover, Flow Control Cutout | 1 | | |
| 14 | PIN-500-575 | Pin 1/2 x 5-3/4 w/Lanyard & hairpin Clip | 1 | | |
| 15 | PR60402 | Main Drive Shaft, HR880, HP880, HP900 | 1 | | |
| 16 | PIN-4-36 | Roll Pin 1/4' x 2.25 | 1 | | |
| 17 | PR60404 | Coupler, 1.75 x 20 Spline, 12/24 Pitch, P.A. 30- | 1 | | |
| 18 | PTS-1022 | Driveline, 1-3/4-20 Spline, PWE580 Compost Drive | 1 | | |
| 19 | H2-39-2MP-2MP | 1/8' Hose, 1/8' Male Pipe x 1/8' Male Pipe, 39 | 1 | | |
| 20 | H2-78-2MP-2MP | 1/8 in grease Hose 1/8MP x 1/8MP x 78in Long | 1 | | |
| 21 | H2-155-2MP-2MP | 1/8' Hose, 1/8' Male Pipe x 1/8' Male Pipe, 155 | 1 | | |
| 22 | H2-191-2MP-2MP | 1/8' Hose, 1/8' Male Pipe x 1/8' Male Pipe, 191 | 1 | | |
| 23 | H2-54-2MP-2MP | 1/8in Hose x 1/8MP x 1/8MP x 54in | 1 | | |
| 24 | H2-116-2MP-2MP | 1/8 in grease hose 1/8MP x 1/8MP x 116 in long | 1 | | |
| 100 | BL-4-150-H | 1/4-20 X 1-1/2 HEX CAP G5 ZC | 2 | | |
| 101 | BL-4-FW-8 | 1/4 FW G8 | 8 | | |
| 102 | BL-4-LN | 1/4-20 HEX LN NE ZC | 4 | | |
| 103 | BL-6-100-C | 3/8-16 X 1 CARRIAGE BOLT G5 ZC | 5 | | |
| 104 | BL-6-075-C | 3/8 UNC X 3/4 CARRIAGE BOLT GR5 ZINC | 8 | | |
| 105 | BL-6-SW | 3/8 SAE FW ZC | 13 | | |
| 106 | BL-6-LW | 3/8 SPLIT LW ZC | 13 | | |
| 107 | BL-6-N | 3/8-16 HEX NUT ZC | 13 | | |
| 108 | BL-8-225-H8 | 1/2 X 2-1/4 HH G8 | 12 | | |
| 109 | BL-8-SW | 1/2 SAE FW ZC | 24 | | |
| 110 | BL-8-LN | 1/2-13 LN NYLON INSERT ZC | 12 | | |
| 111 | BL-4-225-H | 1/4 UNC X 2-1/4 HH C/S BOLT G5 ZC | 2 | | |

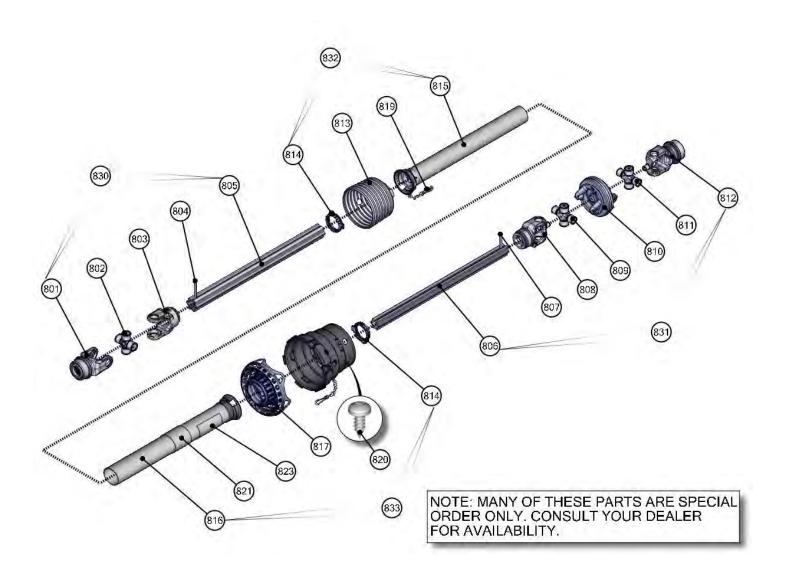
77023-2-02 MAIN DRIVE SHAFT



77023-2-02A REAR DRIVE SHAFT

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|-------------|---|-----|-----------------------|--------------------|
| 1 | PTS-1022 | Driveline, 1-3/4-20 Spline, PWE580 Compost Drive | 0 | | |
| 801 | PTS-1002A | PTO Tractor Yoke (Walterscheid) 1-3/4 x 20 Spline | 0 | 19101- | |
| 802 | PTS-4001B | Extended Lube Cross & Bearing Kit | 0 | Walterscheid Yokes | Special Order Only |
| 803 | PTS-1022A | Inboard Yoke SS | 0 | | |
| 804 | PTS-3001-D | Spring Pin 10x90 | 0 | | |
| 805 | PTS-1022F | Outer Profile S5G | 0 | | |
| 806 | PTS-1022G | Inner Profile S4LGA | 0 | | |
| 807 | PTB-1014C | Spring Pin 10 X 75 | 0 | | Special Order Only |
| 808 | PTS-1005D | Inboard Yoke S4 | 0 | | Special Order Only |
| 809 | PTS-1022B | Cross & Bearing Kit | 0 | | |
| 810 | PTS-1005B | Double Yoke | 0 | | Special Order Only |
| 811 | PTS-1022C | Cross & Bearing Kit | 0 | | |
| 812 | PTS-1022D | Yoke ASG | 0 | | |
| 813 | PTS-1002E | 7 Rib PTO Shield Cone (Walterscheid) | 0 | 19101- | |
| 814 | PTS-1002J | PTO Shield Bearing Ring | 0 | | Special Order Only |
| 815 | PTS-1022E | Guard Tube Inner | 0 | | |
| 816 | PTS-1022H | Guard Inner Tube | 0 | | |
| 817 | PTS-1015M | Flex Net & Guard Assy | 0 | | |
| 818 | PTS-1015L | CV Guard & Bearing Assy | 0 | | |
| 819 | PTS-1002K | PTO Shield Safety Chain | 0 | | Special Order Only |
| 820 | PTS-1010K | Screw | 0 | | Special Order Only |
| 821 | PTS-1010L | Decal, Outer | 0 | | Special Order Only |
| 822 | PTS-1010M | Decal, Inner | 0 | | Special Order Only |
| 823 | PTS-1021P | Lubrication Decal | 0 | Replaces PTS-1008Q | Special Order Only |
| 824 | PTS-1008R | ASG Collar Kit | 0 | | Special Order Only |
| 830 | PTS-1022-FH | Front Half, Drive Shaft | 0 | | |
| 831 | PTS-1022-RH | Rear Half, Drive Shaft | 0 | | |
| 832 | PTS-1022FS | Inner Guard Kit | 0 | | |
| 833 | PTS-1022RS | Outer Guard Kit | 0 | | |
| | | | | | |

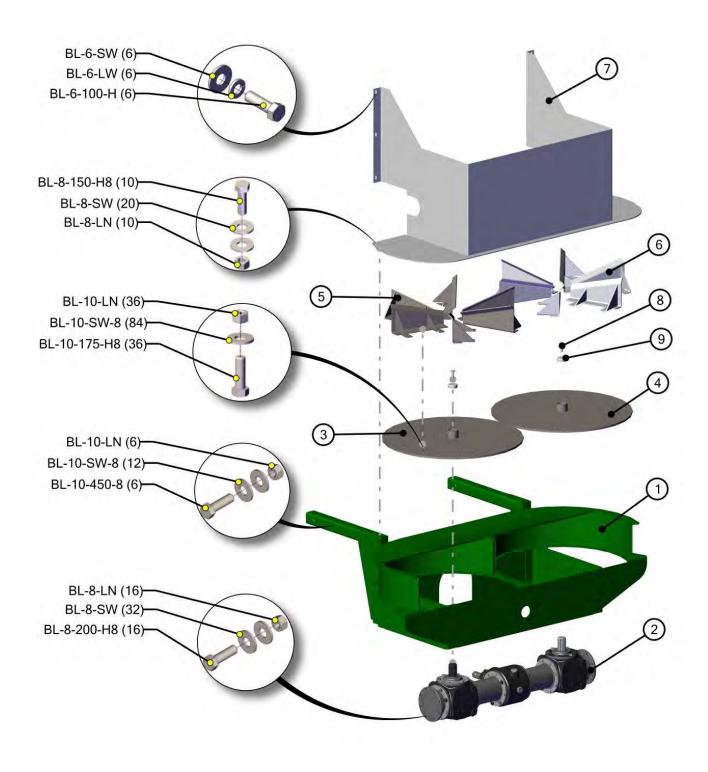
77023-2-02A REAR DRIVE SHAFT



77023-2-03 SPINNER ASSEMBLY

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|----------------|---|-----|-------------|---------|
| 1 | PR72700 | Spinner Pan, Lime/Litter | 1 | | |
| 2 | VTB-1905 | Gearbox, Spinner Beater System, 1000rpm input, 520 Output | 1 | | |
| 3 | PR72001 | Spinner Disc, LH | 1 | | |
| 4 | PR72003 | Spinner Disc, RH | 1 | | |
| 5 | PR72002 | Spinner Paddle, LH | 6 | | |
| 6 | PR72005 | Spinner Paddle, RH | 6 | | |
| 7 | PR72034 | Spinner Shroud, Top | 1 | | |
| 8 | VTB-CMP-2200-L | M14 X 2.0 X 45 HH Bolt | 2 | | |
| 9 | VTB-CMP-2200-M | Disc Washer, Metric | 2 | | |
| 100 | BL-10-450-8 | 5/8-11 X 4-1/2 HH CAP G8 ZC | 6 | | |
| 101 | BL-10-SW-8 | 5/8 SAE FW G8 | 84 | | |
| 102 | BL-10-LN | 5/8-11 HEX LN NE ZC | 42 | | |
| 103 | BL-6-100-H | 3/8-16 X 1 HH C/S BOLT G5 ZC | 6 | | |
| 104 | BL-6-SW | 3/8 SAE FW ZC | 6 | | |
| 105 | BL-6-LW | 3/8 SPLIT LW ZC | 6 | | |
| 106 | BL-8-150-H8 | 1/2 X 1-1/2 HH G8 | 10 | | |
| 107 | BL-8-SW | 1/2 SAE FW ZC | 52 | | |
| 108 | BL-8-LN | 1/2-13 LN NYLON INSERT ZC | 32 | | |
| 109 | BL-10-175-H8 | 5/8-11 X 1-3/4 HH G8 ZC | 36 | | |
| 110 | BL-8-200-H8 | 1/2-13 X 2 HH G8 | 16 | | |

77023-2-03 SPINNER ASSEMBLY



77023-2-03A GEARBOX ASSEMBLY, SPINNER

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|-----------------|-----------------------------|-----|--------------------|-------------------------------|
| 801 | VTB-1879-W1 | Housing | 1 | | |
| 802 | VTB-1879-U1 | Housing | 3 | | |
| 803 | VTB-1879-B1 | Circlip E 40 | 5 | | |
| 804 | VTB-CMP-J1 | Pinion Z=14 | 3 | | |
| 805 | VTB-1879-D1 | Bearing 6308 | 4 | | |
| 806 | VTB-1879-F1 | Bearing 6309 | 1 | | |
| 807 | VTB-1877-B1 | Gear, Z=20 | 1 | | |
| 808 | GBX-5-ST10-R | Snap Ring, E 45 | 1 | | Reference Only, Special Order |
| 809 | VTB-CMP-2200-C1 | Shaft L=792 | 1 | | |
| 810 | VTB-1879-H1 | Spacer | 3 | | |
| 811 | VTB-1879-I1 | O-ring 2175 | 3 | | |
| 812 | VTB-1879-S1 | Screw, hex-hd M12x35 | 52 | | |
| 813 | VTB-1877-C1 | Calotte | 3 | | |
| 814 | VTB-1899-K2 | Oil Seal | 3 | | |
| 815 | VTB-1879-N1 | Bearing 6309-2RS | 3 | | |
| 816 | VTB-1879-J1 | Shaft | 2 | | |
| 817 | VTB-1879-O1 | Spacer 40/51/25 | 3 | | |
| 818 | VTB-CMP-K1 | Pinion Z=18 | 2 | | |
| 819 | VTB-1879-Q1 | Bearing 30207 | 3 | | |
| 820 | VTB-1879-L1 | Gasket | 4 | | |
| 821 | VTB-CMP-2200-D1 | Spacer L=387 | 1 | | |
| 822 | VTB-CMP-A1 | BOLT M12X40 | 8 | | |
| 823 | VTB-CMP-B1 | Cental Support | 4 | | |
| 824 | VTB-1879-T1 | Gasket | 8 | | |
| 825 | VTB-CMP-2200-E1 | Spacer L=225 | 2 | | |
| 826 | VTB-1899-D2 | Oil Plug, ½" Gas | 1 | | Special Order Only |
| 827 | VTB-1899-C2 | Oil Lev. Indicator Ø1" Gas | 2 | | Same as GBXA-5-ST10B |
| 828 | VTB-1879-Z1 | Plug Ø1/2" Gas | 1 | | |
| 829 | VTB-CMP-2200-F1 | Spacer L=420 | 1 | | |
| 830 | VTB-1879-T2 | Nut M12-8G (USE BL-M12-N10) | 6 | USE BL- M12-N10 | USE BL-M12-N10 |
| 831 | VTB-CMP-E1 | BOLT M12X70 | 6 | | |
| 832 | VTB-CMP-H1 | Сар | 1 | | |
| 833 | VTB-CMP-G1 | BOLT M12X25 | 6 | | |
| 834 | VTB-1877-D1 | Spacer | 1 | | |
| 835 | VTB-1879-C1 | Pinion Z=13 | 2 | | |
| 836 | VTB-1877-E1 | Bearing, 30208 | 1 | | |
| 837 | VTB-1879-C2 | Hub | 1 | | |
| 838 | VTB-1879-E2 | Bearing 6208 | 1 | | |
| 839 | VTB-1879-D2 | Shaft | 1 | | |
| 840 | VTB-1879-F2 | Oil Seal 48/80/10 | 1 | | |
| | | | | | |

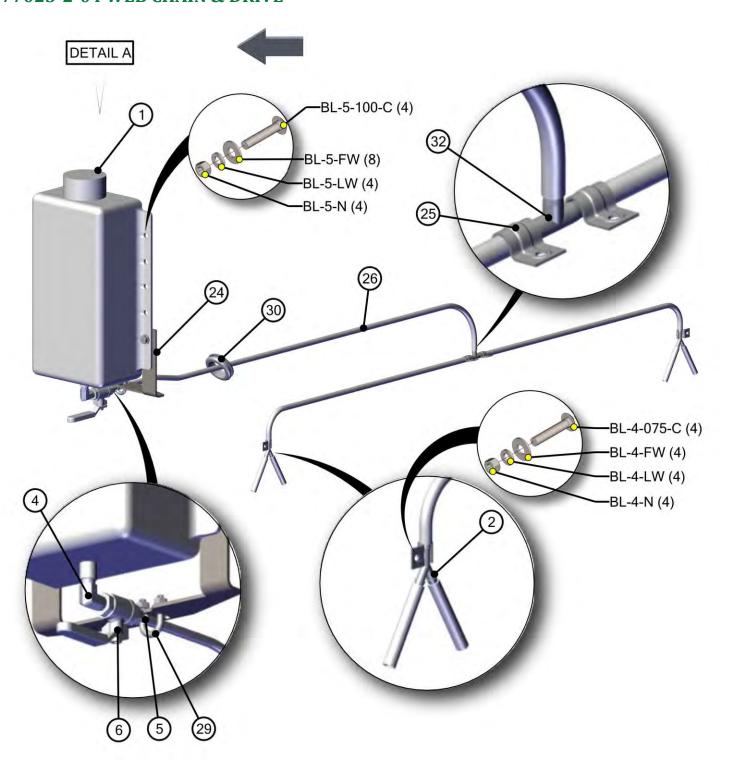
77023-2-03A GEARBOX ASSEMBLY, SPINNER

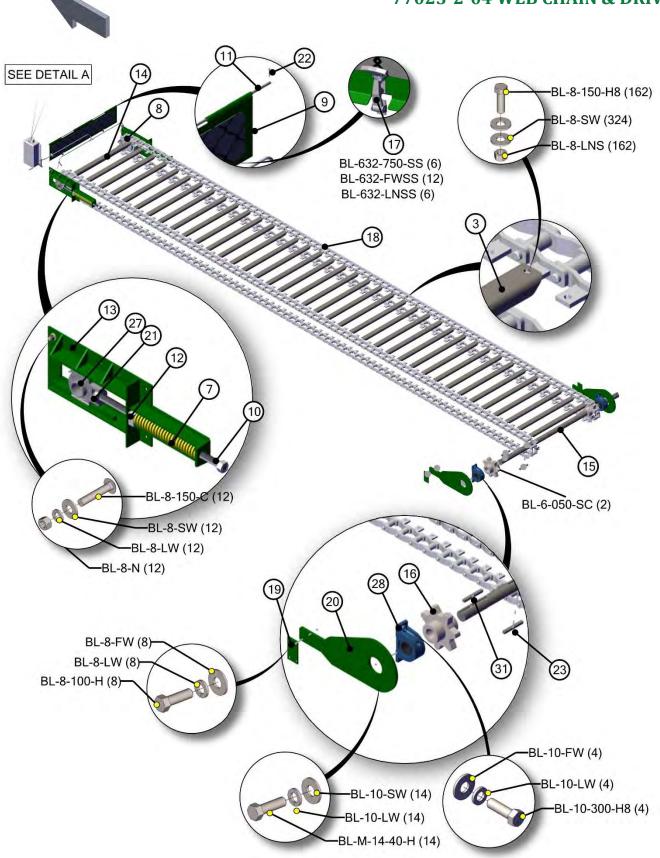
| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|-----------------|---------------------|-----|-------------|---------|
| 841 | VTB-1879-P1 | Gear Z=20 | 1 | 841 | |
| 842 | VTB-1879-W2 | Shaft | 1 | 842 | |
| 843 | VTB-CMP-2200-G1 | Lateral Shaft L=544 | 1 | 843 | |
| 844 | VTB-1877-F1 | Hub, Complete | 1 | 844 | |
| 845 | VTB-1879-H2 | Calotte Complete | 2 | 845 | |
| 846 | VTB-CMP-F1 | Shell | 1 | 846 | |
| 841 | VTB-1879-P1 | Gear Z=20 | 1 | 841 | |
| 842 | VTB-1879-W2 | Shaft | 1 | 842 | |
| 843 | VTB-CMP-2200-G1 | Lateral Shaft L=544 | 1 | 843 | |
| 844 | VTB-1877-F1 | Hub, Complete | 1 | 844 | |



| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|-------------------|---|-----|-------------|-----------|
| 1 | VPA-NVE-36001 | 5 Quart Reservoir with Black Cap, NVE Style | 1 | | |
| 2 | AYN-4-4-4 | 1/4' x1/4' x 1/4' White Nylon Hose Barb Wye, Push Loc | 2 | | |
| 3 | PR72404 | Tube, Chain Flight, Center Tab, HP25LL | 81 | | |
| 4 | A-5500-4 | 1/4' 90- Male Pipe Elbow | 1 | | |
| 5 | A-4124-4-4 | 1/4 Male Pipe x 1/4 Push Loc | 1 | | |
| 6 | VLV-025-B | Valve,Threaded, Full Port, Ball, 1/4' | 1 | | |
| 7 | SPRG-1200-EH | Spring, Extra Heavy 2' Hole Dia., 1' Rod x 12' Long | 2 | | |
| 8 | RLR-0030 | Spreader Chain Roller | 2 | | |
| 9 | PR72033 | Door, Front | 1 | | |
| 10 | PR70319 | Tension Bolt, Chain Spreader | 2 | | |
| 11 | PR72044 | Hinge Rod | 1 | | |
| 12 | PR70313 | Machined Nut | 2 | | |
| 13 | PR70309A | Takeup Bearing Mount, Short | 2 | | |
| 14 | SFT-1896 | Chain Shaft, Front Shaft, Hubs In, Lime/Litter | 1 | | |
| 15 | SFT-1894 | Drive Shaft, Rear, Lime/Litter | 1 | | |
| 16 | PR60424 | Drive Spocket, WH124 Pintle Chain, 2 Pc Sprocket, 2 1/2' Bore, 5/8 Keyway | 2 | | |
| 17 | LA-1535 | Medium Rubber T Latch Assembly | 2 | | 193-1535b |
| 18 | PR72403 | Pull Chain, 161, Std Duty Pintle Style, SS Pins, Tab Every Link, Univ. | 2 | | |
| 19 | PR60068 | Mount, Torque Plate, Gearbox | 2 | | |
| 20 | PR72701 | Torque Plate, RT800 Gearbox, Lime/Litter | 2 | | |
| 21 | PIN-4-28 | Roll Pin 1/4' x 1.75' | 2 | | |
| 22 | PIN-C2-16 | Cotter Pin, 1/8' x 1' | 2 | | |
| 23 | KEY-10-10-550-HCS | Shaft Key, 5/8 in x 5/8in x 5.50in Long, Plain 1095 High Carbon Steel | 4 | | |
| 24 | PR72046 | Valve Mount, Oiler | 1 | | |
| 25 | HA-1031 | Hydraulic Hose Holder 3/8 | 6 | | |
| 26 | H4-PL | Push Loc Hose 1/4' @ ft | 7 | | |
| 27 | BRG-32-TU | Bearing, Takeup, 5/8' Keyway, 2.00' Shaft | 2 | | |
| 28 | BR-250-HD | Heavy Duty 2-1/2' Brg Assy, W/Pillow Block | 2 | | |
| 29 | BL-4-009-U | 1/4-20 x 9/16' ID, U-Bolt, Zinc Plated, Round Bend | 1 | | |
| 30 | EL-1398 | Rubber Grommet, for 1-3/4' Hole, 1/4' Material Thickness | 1 | | |
| 31 | KEY-10-08-550-HCS | Shaft Key, 5/8 in x 1/2in x 5.50in Long, Plain 1095 High Carbon Steel | 2 | | |
| 32 | ATN-4-4-4 | 1/4' x1/4' x 1/4' White Nylon Hose Barb Tee, Push Loc | 1 | | |
| 100 | BL-4-075-C | 1/4 UNC X & CARRIAGE BOLT G5 ZC | 4 | | |
| 101 | BL-4-FW | 1/4 USS FW ZC | 4 | | |
| 102 | BL-4-LW | 1/4 SPLIT LW ZC | 4 | | |
| 103 | BL-4-N | 1/4-20 HEX FIN NUT ZC | 4 | | |
| 104 | BL-5-100-C | 5/16-18 x 1, Z5 | 4 | | |
| 105 | BL-5-FW | 5/16 USS FW ZC | 4 | | |
| 106 | BL-5-LW | 5/16 SPLIT LW ZC | 4 | | |

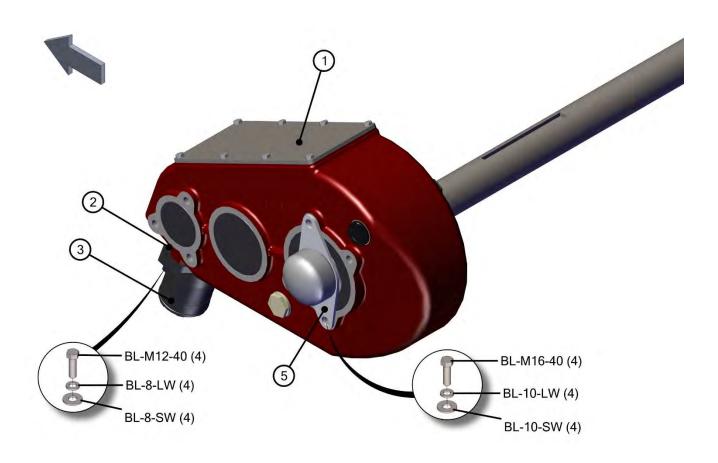
| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|---------------|---------------------------------------|-----|-------------|---------|
| 107 | BL-5-N | 5/16-18 UNC HEX NUT A563 GrA ZINC | 4 | | |
| 108 | BL-8-100-H | 1/2-13 X 1 HEX CAP G5 ZC | 8 | | |
| 109 | BL-8-150-H8 | 1/2 X 1-1/2 HH G8 | 162 | | |
| 110 | BL-8-LNS | 1/2-13 STOVER LN | 162 | | |
| 111 | BL-8-SW | 1/2 SAE FW ZC | 336 | | |
| 112 | BL-8-LW | 1/2 SPLIT LW ZC | 20 | | |
| 113 | BL-10-300-H8 | 5/8-11 X 3 HEX CAP G8 | 4 | | |
| 114 | BL-10-FW | 5/8 USS FW ZC | 4 | | |
| 115 | BL-10-LW | 5/8 SPLIT LW ZC | 4 | | |
| 116 | BL-M-14-40-H | Hex Head Bolt, 14mm x 40mm | 14 | | |
| 117 | BL-10-SW | 5/8 SAE FW ZC | 14 | | |
| 118 | BL-6-050-SC | 3/8-16 x 1/2' Knurled Point Set Screw | 2 | | |
| 119 | BL-8-150-C | 1/2-13 X 1-1/2 CARRIAGE BOLT G5 ZC | 12 | | |
| 120 | BL-8-N | 1/2-13 HEX FIN NUTS ZC | 12 | | |
| 121 | BL-8-FW | 1/2 USS FW ZC | 8 | | |
| 122 | BL-632-750-SS | 6-32 x t SS Machine Screw (Slotted) | 6 | | |
| 123 | BL-632-FWSS | 6-32 SS Flat Washer | 12 | | |
| 124 | BL-632-LNSS | 6-32 SS Lock Nuts | 6 | | |

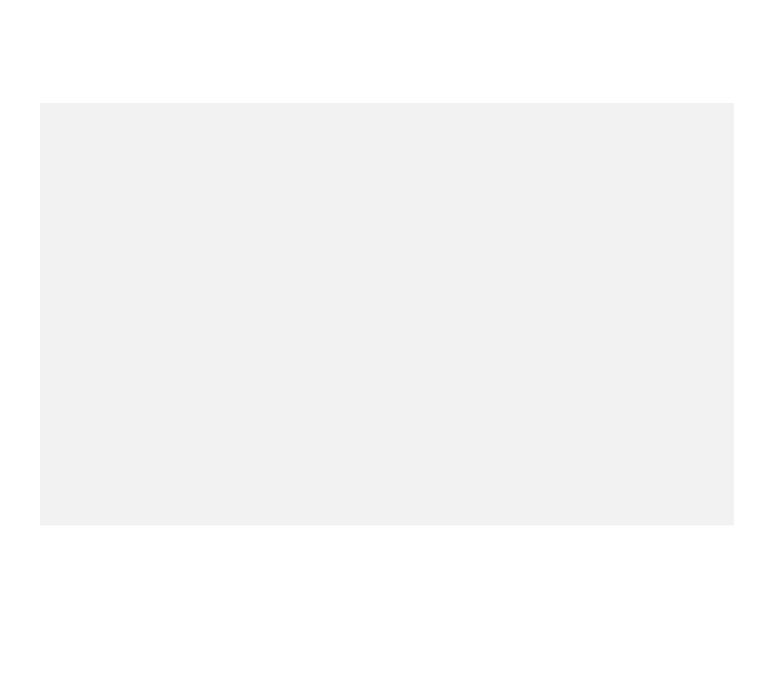




77021-2-05 WEB CHAIN GEARBOX AND MOTOR

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|-----------|---|-----|--------------------|---|
| 1 | GBX-1896 | Gearbox, RT800 Custom 2.5" Straight Bore | 2 | | |
| 2 | PR60026 | Flange Gasket, Apron Drive Gear Box | 2 | | |
| 3 | HM-1900 | Orbital Motor, RT800 Apron Drive, 14.83 in3/rev | 2 | | Used HM-1897 before SN 77023001 4/1/23. |
| 4 | HP-1038 | Gear Lube, 80W90 @ Quart | 5 | Hydra Ram Spreader | |
| 5 | PR70558 | Cap, RT800 Gearbox | 2 | | |
| 100 | BL-10-LW | 5/8 SPLIT LW ZC | 4 | | |
| 101 | BL-10-SW | 5/8 SAE FW ZC | 8 | | |
| 102 | BL-8-LW | 1/2 SPLIT LW ZC | 4 | | |
| 103 | BL-8-SW | 1/2 SAE FW ZC | 4 | | |
| 104 | BL-M12-40 | 12MM Bolt,Coarse Thread,40mm Length | 4 | | |
| 105 | BL-M16-40 | Hex Bolt, 16mm x 40mm | 4 | | |

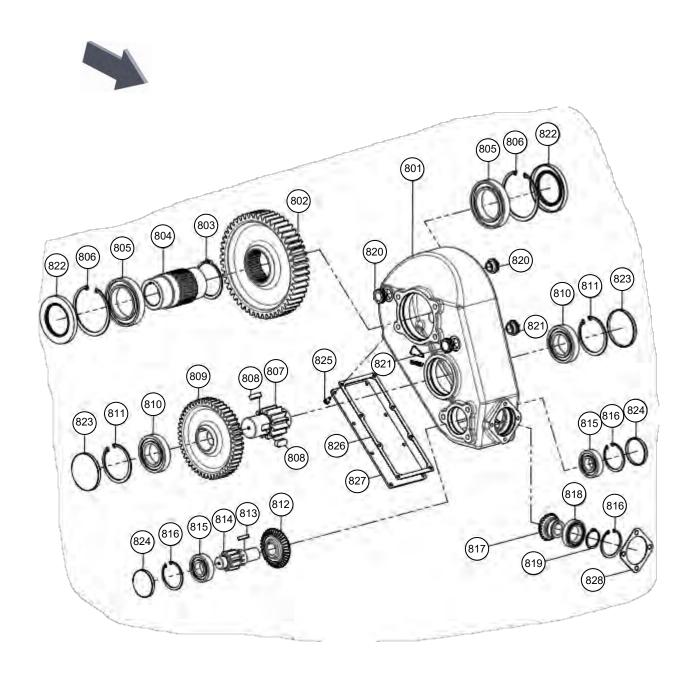




77021-2-05A GEARBOX ASSEMBLY

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|---------------|-------------------------|-----|-------------|-------------------------------|
| 801 | GBX-1896-A | Housing | 1 | | |
| 802 | GBX-1896-B | Gear Z=50 | 1 | | |
| 803 | GBX-1896-C | Snap Ring | 1 | | |
| 804 | GBX-1896-D | Hub 2-1/2 | 1 | | |
| 805 | GBX-1896-E | Bearing 6018 | 2 | | |
| 806 | GBX-1896-F | Snap Ring | 2 | | |
| 807 | GBX-1896-G | Pinion Z=12 | 1 | | |
| 808 | GBX-1896-H | Key | 2 | | |
| 809 | GBX-1896-J | Gear Z=50 | 1 | | |
| 810 | GBX-5-ST10-D | Line Shaft Bearing | 2 | | Reference Only, Special Order |
| 811 | GBX-1896-K | Snap Ring | 2 | | |
| 812 | GBX-1896-L | Gear Z=38 | 1 | | |
| 813 | GBX-1896-M | Key 10x8x40 | 1 | | |
| 814 | GBX-1896-N | Pinion Z=10 | 1 | | |
| 815 | GBX-5-ST10-B1 | Bearing | 2 | | Reference Only, Special Order |
| 816 | GBX-1893-K | Circlip I 80 | 3 | | |
| 817 | GBX-1896-P | Pinion Z=25 | 1 | | |
| 818 | GBX-1893-S | Bearing | 1 | | |
| 819 | GBX-1893-T | Circlip E 50 | 1 | | |
| 820 | GBX-1893-U | Oil Plug Ø1' Gas | 2 | | |
| 821 | GBX-1893-V | Oil Level Indic Ø1' Gas | 2 | | |
| 822 | GBX-1896-Q | Oil Seal | 2 | | |
| 823 | GBX-1896-R | Plug | 2 | | |
| 824 | GBX-1893-X | Plug | 2 | | |
| 825 | GBX-1893-B1 | Screw, hex-hd M8x16 | 8 | | |
| 826 | GBX-1896-S | Gasket | 1 | | |
| 827 | GBX-1896-T | Cover | 1 | | |
| 828 | GBX-1896-U | Gasket | 1 | | |

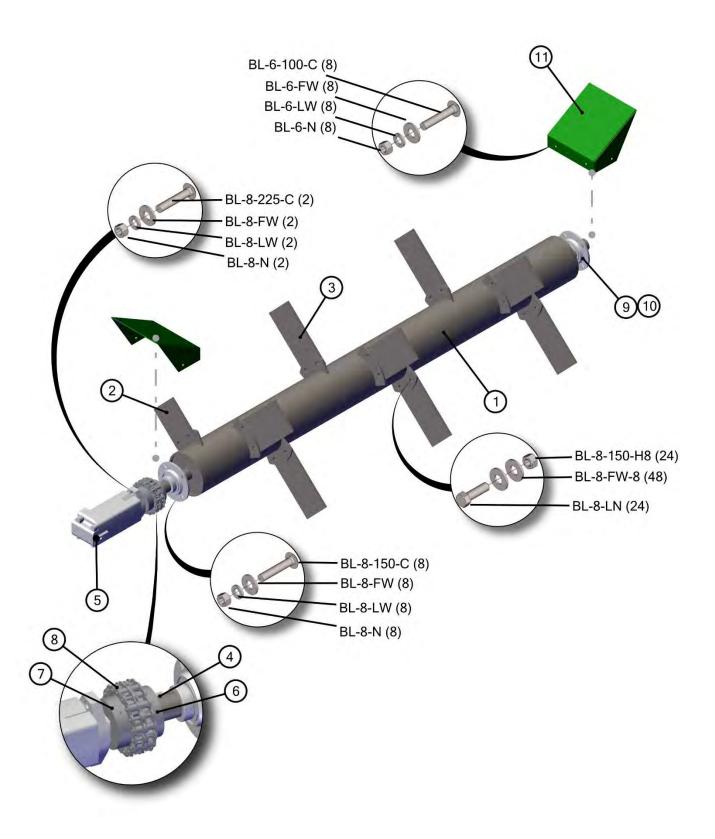
77021-2-05A GEARBOX ASSEMBLY



77023-2-06 INNER BEATER ASSEMBLY

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|--------------|--|-----|-------------|---------|
| 1 | PR72040 | Beater, Inner | 1 | | |
| 2 | PR72602 | Blade Short Side | 2 | | |
| 3 | PR72601 | Long Blade, Inner Beater | 10 | | |
| 4 | KEY-6-6-40 | Keystock 3/8' x 3/8' x 2 1/2' Square Cut (1018) | 1 | | |
| 5 | HM-1420-CH | Char Lynn Motor | 1 | | |
| 6 | SP-6018-28 | Sprocket, 1-3/4' Shaft, High-Torque Flexible Coupling, Chain | 1 | | |
| 7 | SP-6018-20 | Sprocket, 1-1/4' Shaft, High-Torque Flexible Coupling, Chain | 1 | | |
| 8 | SP-6018-CH | Chain, High-Torque Flexible Coupling | 1 | | |
| 9 | BR-085-MS | Stamped Bearing Housing for 1 3/4" Bearing | 4 | | |
| 10 | BR-175-085-I | Bearing, 1-3/4" ID, TS | 2 | | |
| 11 | PR72045 | Bearing Cover, Inner Beater | 2 | | |
| 100 | BL-8-150-H8 | 1/2 X 1-1/2 HH G8 | 24 | | |
| 101 | BL-8-FW-8 | 1/2 FW G8 ZC | 48 | | |
| 102 | BL-8-LN | 1/2-13 LN NYLON INSERT ZC | 24 | | |
| 103 | BL-6-100-C | 3/8-16 X 1 CARRIAGE BOLT G5 ZC | 8 | | |
| 104 | BL-6-FW | 3/8 USS FW ZC | 8 | | |
| 105 | BL-6-LW | 3/8 SPLIT LW ZC | 8 | | |
| 106 | BL-6-N | 3/8-16 HEX NUT ZC | 8 | | |
| 107 | BL-8-150-C | 1/2-13 X 1-1/2 CARRIAGE BOLT G5 ZC | 8 | | |
| 108 | BL-8-225-C | 1/2-13 X 2-1/4 CARRIAGE BOLT G5 ZC | 2 | | |
| 109 | BL-8-FW | 1/2 USS FW ZC | 10 | | |
| 110 | BL-8-LW | 1/2 SPLIT LW ZC | 10 | | |
| 111 | BL-8-N | 1/2-13 HEX FIN NUTS ZC | 10 | | |
| | | | | | |

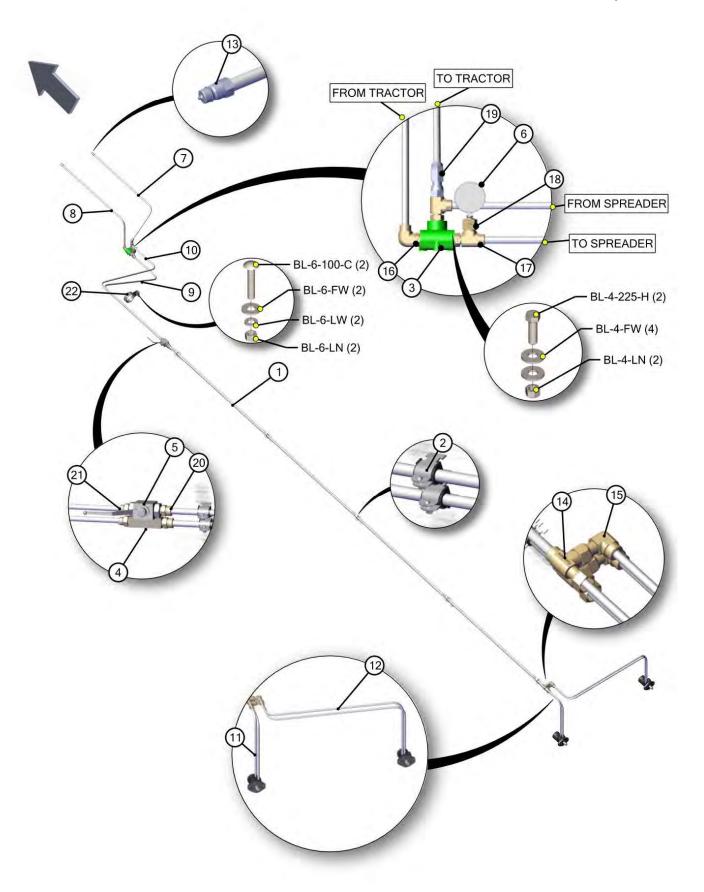
77023-2-06 INNER BEATER ASSEMBLY



77023-3-01 HYDRAULICS, WEB DRIVE

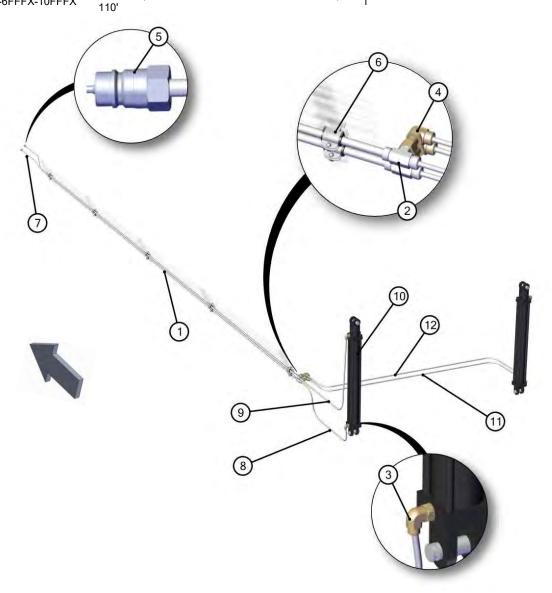
| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|----------------------|--|-----|-------------|----------------------------|
| 1 | H-T5009F | 3/4' SS Hydraulic Tube, 240', ORFS | 2 | | |
| 2 | HA-1072-H | Hydra-zorb Tube Clamp ช' (3 pc.) | 10 | 19401- | |
| 3 | HV-RV-3H | Relief Valve w/ SAE #10 Ports, Preset @ 2500psi | 1 | | Also located at PRW in *C1 |
| 4 | HV-CKV-C1220S | #12 Check Valve, 5 psi Crack, 25 gpm | 1 | | |
| 5 | VLV-075-BHP | Ball Valve, #12 SAE, High Pressure (58000psi) | 1 | | |
| 6 | HA-1004-G | Hydraulic, Pressure Gauge w/1/4 NPT Stem | 1 | | |
| 7 | H10-96-10FFFX-8MOR | 5/8' Hose, 5/8' Female ORFS x 1/2' Male SAE, 96' | 1 | | |
| 8 | H10-100-10FFFX-8MOR | 5/8' Hose, 5/8' Female ORFS x 1/2' Male SAE, 100' | 1 | | |
| 9 | H10-72-10FFFX-10FFFX | 5/8' Hose, 5/8' Female ORFS x 5/8' Female ORFS, 72' | 1 | | |
| 10 | H10-78-10FFFX-10FFFX | 5/8' Hose, 5/8' Female ORFS x 5/8' Female ORFS, 78' | 1 | | |
| 11 | H10-32-10FFFX-12MFF | 5/8' Hose, 5/8' Female ORFS x 3/4' Male ORFS, 32' | 2 | | |
| 12 | H10-86-10FFFX-12FFFX | 5/8' Hose, 5/8' Female ORFS x 3/4' Female ORFS, 86' | 2 | | |
| 13 | A-QDS71X15 | Ag Quick Coupler, 1/2' ISO5675 x 8SAE | 2 | | |
| 14 | A-FF6602-12-12-12 | Run Tee, 12MFF X 12MFF X 12FFFX | 2 | | |
| 15 | A-FF6500-12-12 | Elbow, 90, 3/4' MFF x 3/4' FFFX | 2 | | |
| 16 | A-FF6801-10-10 | Elbow, 5/8' MFF x 5/8' SAE | 1 | | |
| 17 | A-FF6804-10-10-10 | Run Tee, 10SAE x 10MFF x 10MFF | 2 | | |
| 18 | A-FF304-C-10-4N | Adapter, #10 Female ORFS, 1/4' NPT Port | 1 | | |
| 19 | A-FF6500-10-10 | Elbow, 90, 10MFF x 10FFFX | 1 | | |
| 20 | PR72043 | Hose Holder, Bolt-On | 1 | | |
| 100 | BL-4-225-H | 1/4 UNC X 2-1/4 HH C/S BOLT G5 ZC | 2 | | |
| 101 | BL-4-FW | 1/4 USS FW ZC | 4 | | |
| 102 | BL-4-LN | 1/4-20 HEX LN NE ZC | 2 | | |
| 103 | BL-6-100-C | 3/8-16 X 1 CARRIAGE BOLT G5 ZC | 2 | | |
| 104 | BL-6-FW | 3/8 USS FW ZC | 2 | | |
| 105 | BL-6-LN | 3/8-16 FIN H LN NE A563 GA ZC | 2 | | |

77023-3-01 HYDRAULICS, WEB DRIVE



77023-3-02 HYDRAULICS, ENDGATE

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|---------------------|--|-----|-------------|-------------------------------|
| 1 | H-T7085F | 5/8' SS Hydraulic Tube, 240', ORFS | 2 | | |
| 2 | A-FF2603-10-10-10 | TEE, 10MFF X 10MFF X 10MFF | 2 | | |
| 3 | A-FF6801-06-08 | ELBOW, 90, 6MFF X 8SAE | 4 | | |
| 4 | A-FF6500-10-10 | Elbow, 90, 10MFF x 10FFFX | 2 | | |
| 5 | A-QDS71X15 | Ag Quick Coupler, 1/2' ISO5675 x 8SAE | 2 | | |
| 6 | HA-1062-H | Hydra-zorb Tube Clamp 5/8' (3 pc.) | 10 | | |
| 7 | H6-180-10MFF-8MOR | 3/8' Hose, 5/8' Male ORFS x 1/2' Male SAE, 180' | 2 | | |
| 8 | H6-33-6FFFX-10FFFX | 3/8' Hose, 3/8' Female ORFS x 5/8' Female ORFS, 33' | 1 | | |
| 9 | H6-56-6FFFX-10FFFX | 3/8' Hose, 3/8' Female ORFS x 5/8' Female ORFS, 56' | 1 | | |
| 10 | HC-250-2408-ORP | Hydraulic Cylinder 2 1/2 x 24 #8 SAE w/ O-Piston Ring Seal | 2 | | 34.25' pin-to-pin, 24' Stroke |
| 11 | H6-88-10FFFX-6FFFX | 3/8' Hose, 5/8' Female ORFS x 3/8' Female ORFS | 1 | | |
| 12 | H6-110-6FFFX-10FFFX | 3/8' Hose, 3/8' Female ORFS x 5/8' Female ORFS, | 1 | | |



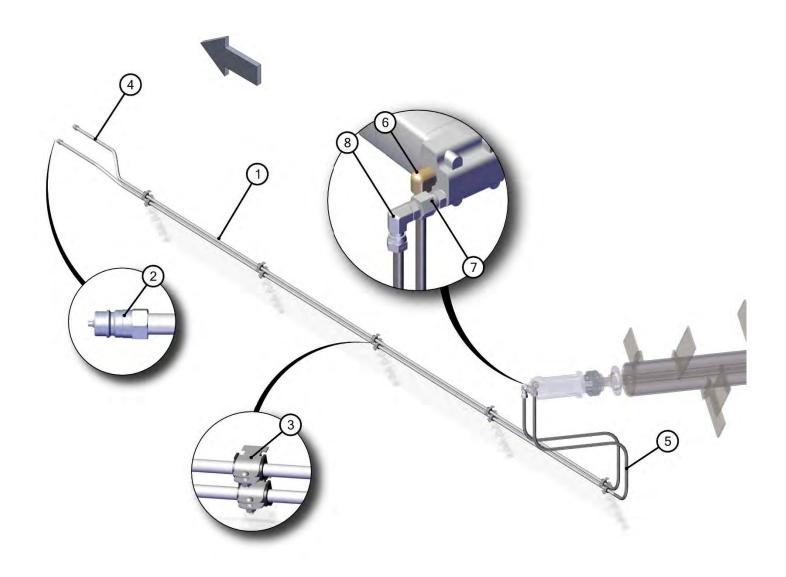
74521-3-03A ENDGATE CYLINDER

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|-----------------|--|-----|-------------|----------------------------------|
| 1 | HC-250-2408-ORP | Hydraulic Cylinder 2 1/2 x 24 #8 SAE w/ O-Piston Ring Seal | 0 | | 34.25' pin-to-pin, 24' Stroke |



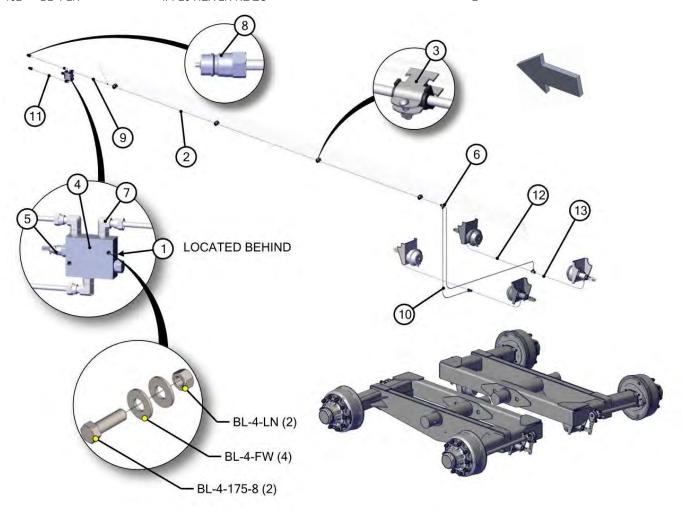
77023-3-03 HYDRAULICS, INNER BEATER

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|--------------------|---|-----|-------------|---------|
| 1 | H-T7085F | 5/8' SS Hydraulic Tube, 240', ORFS | 2 | | |
| 2 | A-QDS71X15 | Ag Quick Coupler, 1/2' ISO5675 x 8SAE | 2 | | |
| 3 | HA-1062-H | Hydra-zorb Tube Clamp 5/8' (3 pc.) | 10 | | |
| 4 | H10-180-10MFF-8MOR | 5/8' Hose, 5/8' Male ORFS x 1/2' Male SAE, 180' | 2 | | |
| 5 | H10-37-10MFF-10MFF | 5/8' Hose, 5/8' Male ORFS x 5/8' Male ORFS, 37' | 2 | | |
| 6 | A-FF6507-10-10 | Swivel Straight Adapter, 5/8' FFFX x 5/8' SAE | 1 | | |
| 7 | A-FF6500-10-10 | Elbow, 90, 10MFF x 10FFFX | 1 | | |
| 8 | A-FF6809-10-10 | Elbow, 10SAE x 10FFFX | 1 | | |



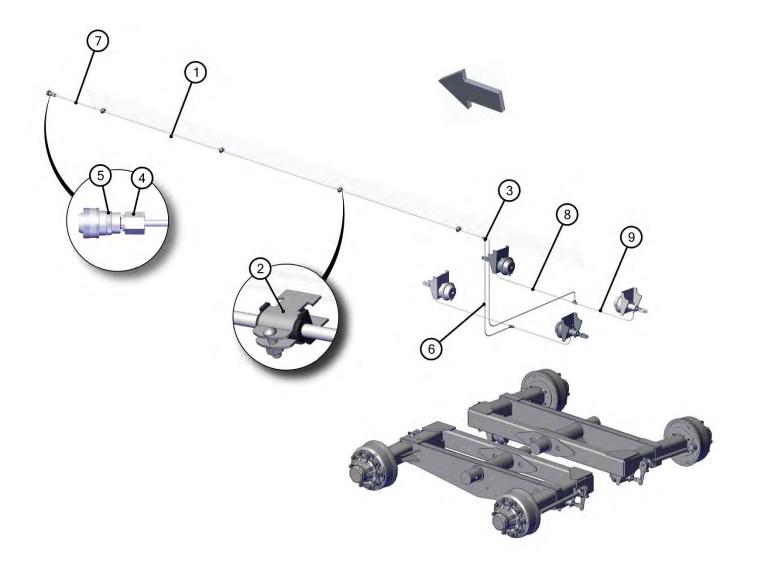
77023-3-04 HYDRAULICS, DRUM BRAKES, REMOTE

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|--------------------------|---|-----|-------------|--------------|
| 1 | HA-1004-T | Test Point Plug, 1/4' NPT | 1 | | Not Pictured |
| 2 | H-T7063F | 3/8' SS Hydraulic Tube, 190', ORFS | 1 | | |
| 3 | HA-1074-H | Hydra-zorb Tube Clamp 3/8' (3 pc.) | 3 | | |
| 4 | HV-1002 | Pressure Reducing/Relieving Valve 50-1500 w/RFF Body | 1 | | |
| 5 | HV-1002-K | Standard Knob for HV-1002 | 1 | | |
| 6 | A-FF2603-06-06-06 | Tee, 6MFF x 6MFF X 6MFF | 3 | | |
| 7 | A-FF6809-6-6 | Elbow, 90, 3/8' SAE x 3/8' FFFX | 3 | | |
| 8 | A-QDS71X15 | Ag Quick Coupler, 1/2' ISO5675 x 8SAE | 2 | | |
| 9 | H4-80-6MFF-6MFF | 1/4' Hose, 3/8' Male ORFS x 3/8' Male ORFS, 80' | 1 | | |
| 10 | H4-77-6FFFX-6FFFX | 1/4' Hose, 3/8' Female ORFS x 3/8' Female ORFS, 77' | 2 | | |
| 11 | H4-100-8MOR-6MFF | 1/4' hose, 1/2' SAE x 3/8' Male ORFS, 100' | 2 | | |
| 12 | H6-48-6FFFX- 6FBSPX90 | 3/8in Hose, 3/8 Female ORFS x 3/8 Female BSP 90X, 48in Long | 2 | | |
| 13 | H6-36-6FFFX- 6FBSPX90 | 3/8in Hose, 3/8 Female ORFS x 3/8 Female BSP 90X, 36in Long | 2 | | |
| 100 | BL-4-175-H | 1/4-20 X 1-3/4 HH C/S G5 ZC | 2 | | |
| 101 | BL-4-FW | 1/4 USS FW ZC | 4 | | |
| 102 | BL-4-LN | 1/4-20 HEX LN NE ZC | 2 | | |



77023-3-04A HYDRAULIC DRUM BRAKES, EURO FF

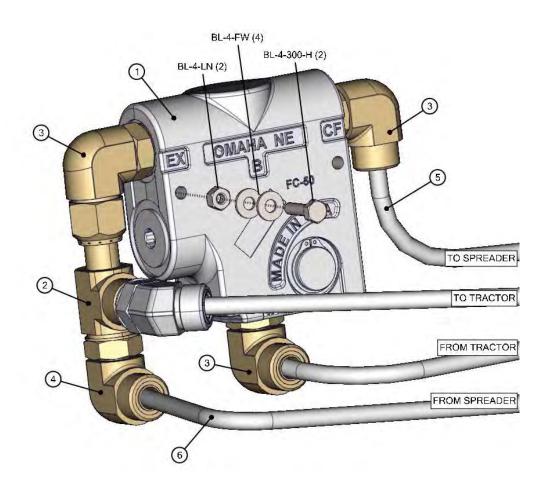
| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|--------------------------|--|-----|-------------|---------|
| 1 | H-T7063F | 3/8' SS Hydraulic Tube, 190', ORFS | 1 | | |
| 2 | HA-1074-H | Hydra-zorb Tube Clamp 3/8' (3 pc.) | 3 | | |
| 3 | A-FF2603-06-06-06 | Tee, 6MFF x 6MFF X 6MFF | 3 | | |
| 4 | A-7455-08-18 | Metric To Pipe Adapter, 1/2in Pipe to 18mm | 1 | | |
| 5 | AQ-160559 | Hyd. Quick-Connect Coupler, JD Hydraulic Brake | 1 | | |
| 6 | H4-77-6FFFX-6FFFX | 1/4' Hose, 3/8' Female ORFS x 3/8' Female ORFS, 77' | 2 | | |
| 7 | H4-180-8MP-6MFF | 1/4' Hose, 1/2' Male Pipe x 3/8' Male ORFS, 180' | 1 | | |
| 8 | H6-48-6FFFX- 6FBSPX90 | 3/8in Hose, 3/8 Female ORFS x 3/8 Female BSP 90X, 48in Long | 2 | | |
| 9 | H6-36-6FFFX- 6FBSPX90 | 3/8in Hose, 3/8 Female ORFS x 3/8 Female BSP 90X, 36in Long | 2 | | |



77023-3-05 OPT. HYDRAULICS, MANUAL FLOW CONTROL, WEB DRIVE

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|--------------------------|--|-----|-------------|---------|
| 1 | HV-FC5510 | Flow Control, #10 SAE, 0-16 GPM, Free Reverse Flow | 1 | | |
| 2 | A-FF6602-10-10-10 | Run Tee, 10MFF X 10MFF X 10FFFX | 1 | | |
| 3 | A-FF6801-10-10 | Elbow, 5/8' MFF x 5/8' SAE | 3 | | |
| 4 | A-FF6500-10-10 | Elbow, 90, 10MFF x 10FFFX | 2 | | |
| 5 | H10-17-10FFFX- 10FFFX | 5/8' Hose, 5/8' Female ORFS x 5/8' Female ORFS | 1 | | |
| 6 | H10-36-10FFFX- 10FFFX | 5/8' Hose,5/8' Female ORFS x 5/8' Female ORFS | 1 | | |
| 7 | PR70131 | Cover, Flow Control Cutout | -1 | | |
| 100 | BL-4-300-H | 1/4-20 X 3 HEX CAP G5 ZC | 2 | | |
| 101 | BL-4-FW | 1/4 USS FW ZC | 4 | | |
| 102 | BL-4-LN | 1/4-20 HEX LN NE ZC | 2 | | |

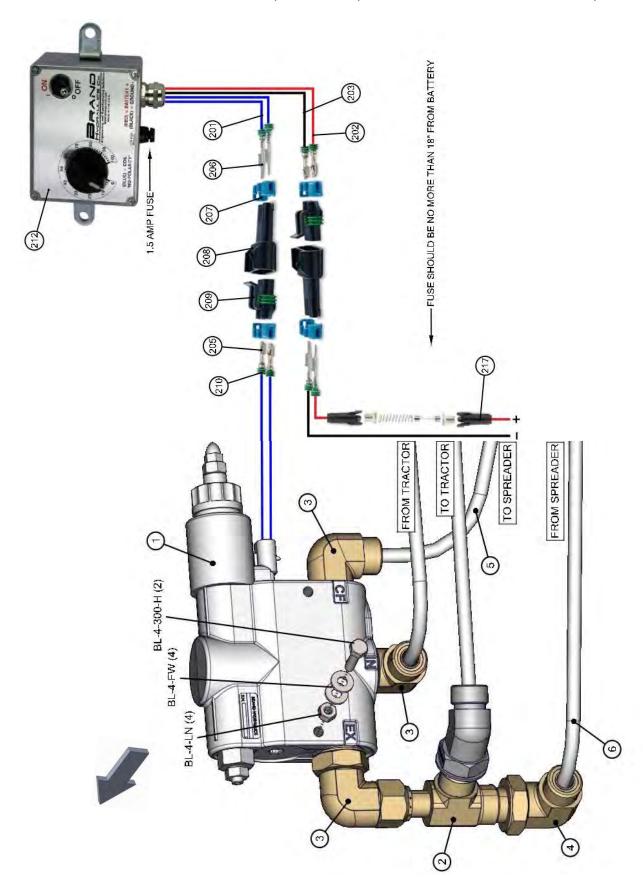




77023-3-06 OPT. HYDRAULICS, REMOTE, ELECTRIC FLOW CONTROL, WEB DRIVE

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|--------------------------|--|-----|-------------|---------|
| 1 | HVE-C122012 | Electronic Flow Control w/free flow reverse | 1 | | |
| 2 | A-FF6602-10-10-10 | Run Tee, 10MFF X 10MFF X 10FFFX | 1 | | |
| 3 | A-FF6801-10-12 | Elbow, 10MFF x 12SAE | 3 | | |
| 4 | A-FF6500-10-10 | Elbow, 90, 10MFF x 10FFFX | 2 | | |
| 5 | H10-17-10FFFX- 10FFFX | 5/8' Hose, 5/8' Female ORFS x 5/8' Female ORFS | 1 | | |
| 6 | H10-36-10FFFX- 10FFFX | 5/8' Hose,5/8' Female ORFS x 5/8' Female ORFS | 1 | | |
| 100 | BL-4-300-H | 1/4-20 X 3 HEX CAP G5 ZC | 2 | | |
| 101 | BL-4-FW | 1/4 USS FW ZC | 4 | | |
| 102 | BL-4-LN | 1/4-20 HEX LN NE ZC | 2 | | |
| 201 | ELC-14-BL | 14 Gauge Wire (Blue) | 40 | | |
| 202 | ELC-14-R | 14 Gauge Wire, Red | 20 | | |
| 203 | ELC-14-BLK | 14 Gauge Wire, Black | 20 | | |
| 204 | ELL-25-0 | 1/4' Wire Loom @ft | 20 | | |
| 205 | EL-30036 | Male Terminal | 4 | | |
| 206 | EL-30037 | Female Terminal | 4 | | |
| 207 | EL-38035 | Two Contact Clip for Contact Connector | 4 | | |
| 208 | EL-38062 | Male Connector Body, Metri-Pack, 280 Series | 2 | | |
| 209 | EL-38063 | Female Connector Body, Metri-Pack, 280 Series | 2 | | |
| 210 | EL-39000 | Cable Seal | 8 | | |
| 211 | ELT-31703 | Terminal Ring, 16-14 Ga.#10 Blue Insulated Nylon | 2 | | |
| 212 | HV-1201 | Brand Flow Valve Electronic Box | 1 | | *B2 |
| 216 | EL-70150 | 1.5 Amp Fuse, Type GMA | 1 | | |
| 217 | EL-46000 | Inline Fuse Holder | 1 | | |
| | | | | | |

77023-3-06 OPT. HYDRAULICS, REMOTE, ELECTRIC FLOW CONTROL, WEB DRIVE



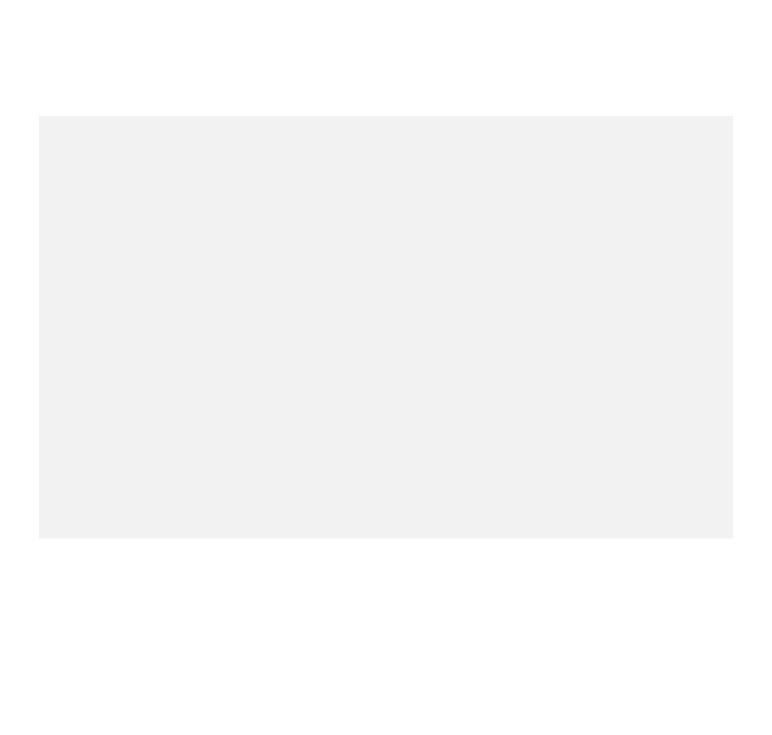
77023-3-07 OPT. AIR BRAKES, ADR AXLES

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|-------------------|--|--------|-------------|--------------------|
| 1 | TRL-BRK-0001 | Trailer Air Brake, Brake Actuating Kit | 1 | | |
| 2 | TRL-BRK-0002 | Air Line Set for Air Brakes | 1 | | |
| 3 | AIR-N6DOT | 3/8' Nylon Tubing @ ft., Meets D.O.T. Specs, Black | 23.875 | | |
| 4 | A-1405-8-8 | 1/2' NPT Coupler w/Swivel | 2 | | |
| 5 | A-1501-12-12 | 3/4 MP x 3/4 FPX 90° | 1 | | |
| 6 | A-1404-12-12 | ¾ MP x ¾ FPX | 1 | | |
| 7 | A-5405-4-6 | Pipe Adapter 3/8 FPT x 1/4 MPT | 2 | | |
| 8 | LA-309 | Universal Gladhand Holder | 2 | | |
| 9 | TRL-BRK-0001-34 | Air Chamber Assembly | 4 | | |
| 10 | PR60032 | Panel, Air Compressor Shield | 1 | | |
| 11 | PR60000-Z2 | Air Tank Mount | 2 | | |
| 100 | BL-8-150-C | 1/2-13 X 1-1/2 CARRIAGE BOLT G5 ZC | 4 | | |
| 101 | BL-8-FW | 1/2 USS FW ZC | 4 | | |
| 102 | BL-8-LW | 1/2 SPLIT LW ZC | 4 | | |
| 103 | BL-8-N | 1/2-13 HEX FIN NUTS ZC | 4 | | |
| 601 | H10-300-10FJ-10FJ | 5/8' Hose x 5/8' Female JIC x 300 Long | 1 | | |
| 801 | TRL-BRK-0003 | Gladhand - Service | 1 | | |
| 802 | TRL-BRK-0004 | Gladhand - Emergency | 1 | | |
| 803 | TRL-BRK-0005 | 1/2' Bulkhead Coupling | 2 | | |
| 804 | TRL-BRK-0006 | 3/8 x 1/4 Male Connector | 2 | | |
| 805 | TRL-BRK-0007 | 3/8 x 3/8 Male Connector | 3 | | |
| 806 | TRL-BRK-0008 | 3/8 x 3/8 Male Elbow | 5 | | |
| 807 | TRL-BRK-0009 | 1/4' Drain Valve | 1 | | |
| 808 | TRL-BRK-0010 | 3/4' Hex Nipple | 1 | | |
| 809 | TRL-BRK-0011 | 3/8' Pipe Plug | 1 | | |
| 810 | TRL-BRK-0012 | Air Tank - Standard 9'x28', 6.5 Gallon | 1 | | |
| 811 | TRL-BRK-0013 | Emergency Spool | 1 | | |
| 812 | TRL-BRK-0014 | Air Relay Valve | 1 | | |
| 814 | TRL-BRK-0016 | 3/8' x 40' Air Brake Hose Assy | 2 | | |
| 815 | TRL-BRK-0017 | 3/8' X 72' Air Brake Hose Assy | 2 | | |
| 816 | TRL-BRK-0001-01 | Beam Options | 1 | | Special Order Only |
| 817 | TRL-BRK-0001-02 | Spider | 2 | | Special Order Only |
| 818 | TRL-BRK-0001-03 | Bracket-Camshaft Support | 2 | | Special Order Only |
| 819 | TRL-BRK-0001-04 | Retainer Plate | 4 | | Special Order Only |
| 820 | TRL-BRK-0001-05 | Bolt, Retainer Plate Attachment | 8 | | Special Order Only |
| 821 | TRL-BRK-0001-06 | Lockwasher, Cover Attachment | 8 | | Special Order Only |
| 822 | TRL-BRK-0001-07 | Nut, Retainer Plate Attachment | 8 | | Special Order Only |
| 823 | TRL-BRK-0001-08 | Bracket, Air Chamber Mounting | 2 | | Special Order Only |
| 824 | TRL-BRK-0001-09 | Bushing, Spider Anchor Pin | 4 | | Special Order Only |
| 825 | TRL-BRK-0001-10 | Anchor Pin | 4 | | Special Order Only |

77023-3-07 OPT. AIR BRAKES, ADR AXLES

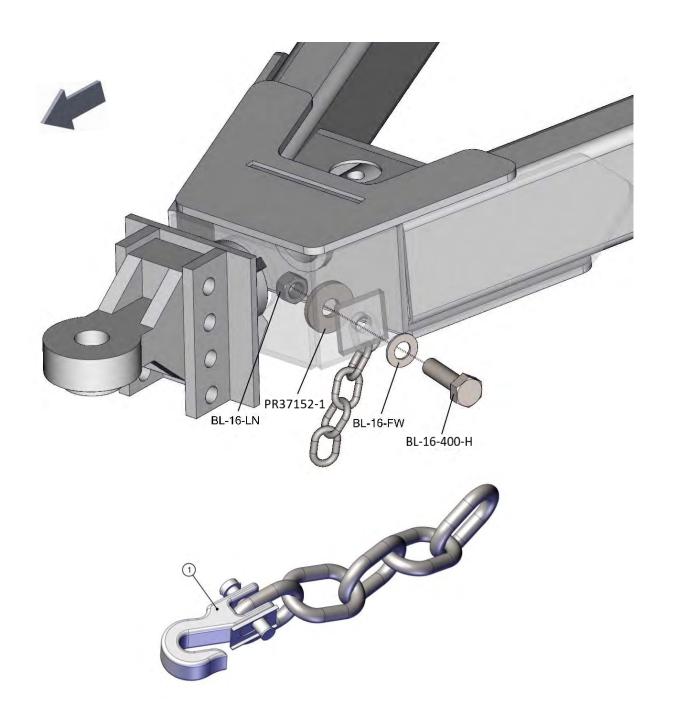
| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|-----------------|--|-----|-------------|--------------------|
| 826 | TRL-BRK-0001-11 | Shoe and Lining Assembly | 4 | | Special Order Only |
| 827 | TRL-BRK-0001-12 | Lining, Brake Block Cam | 4 | | Special Order Only |
| 828 | TRL-BRK-0001-13 | Lining, Brake Block Anchor | 4 | | Special Order Only |
| 829 | TRL-BRK-0001-14 | Roller | 4 | | Special Order Only |
| 830 | TRL-BRK-0001-15 | Retainer, Roller | 4 | | Special Order Only |
| 831 | TRL-BRK-0001-16 | Spring, Shoe Retractor | 2 | | Special Order Only |
| 832 | TRL-BRK-0001-17 | Retainer Pin, Retractor Spring | 4 | | Special Order Only |
| 833 | TRL-BRK-0001-18 | Spring, Shoe Keeper | 4 | | Special Order Only |
| 834 | TRL-BRK-0001-19 | Washer, Camshaft | 2 | | Special Order Only |
| 835 | TRL-BRK-0001-20 | Grease Seal | 4 | | Special Order Only |
| 836 | TRL-BRK-0001-21 | Bushing, Camshaft Spider | 2 | | Special Order Only |
| 837 | TRL-BRK-0001-22 | Washer | 2 | | Special Order Only |
| 838 | TRL-BRK-0001-23 | Washer, Camshaft Slack Adjuster End | 2 | | Special Order Only |
| 839 | TRL-BRK-0001-24 | Snap Ring | 2 | | Special Order Only |
| 840 | TRL-BRK-0001-25 | Retainer, Camshaft Slack Adjuster End | 2 | | Special Order Only |
| 841 | TRL-BRK-0001-26 | Bushing, Camshaft Support | 2 | | Special Order Only |
| 842 | TRL-BRK-0001-27 | Camshaft, LH/RH | 2 | | Special Order Only |
| 843 | TRL-BRK-0001-28 | Slack Adjuster Straight Automatic, 1.46 x 28-spline 6' Arm | 2 | | Special Order Only |
| 844 | TRL-BRK-0001-29 | Nut, Inner Spindle Bearing | 2 | | Special Order Only |
| 845 | TRL-BRK-0001-30 | Lockwasher, Indexing | 2 | | Special Order Only |
| 846 | TRL-BRK-0001-31 | Lockwasher, Tab | 2 | | Special Order Only |
| 847 | TRL-BRK-0001-32 | Nut, Outer Spindle | 2 | | Special Order Only |
| 848 | TRL-BRK-0001-33 | Grease Fitting, 65- | 2 | | Special Order Only |
| 850 | TRL-BRK-0001-35 | Lockwasher, Air Chamber Mounting | 4 | | Special Order Only |
| 851 | TRL-BRK-0001-36 | Nut, Air Chamber Mounting | 4 | | Special Order Only |
| 855 | A-5502-6-8 | Street Elbow 90, 3/8 MP x 1/2 FP | 2 | | |





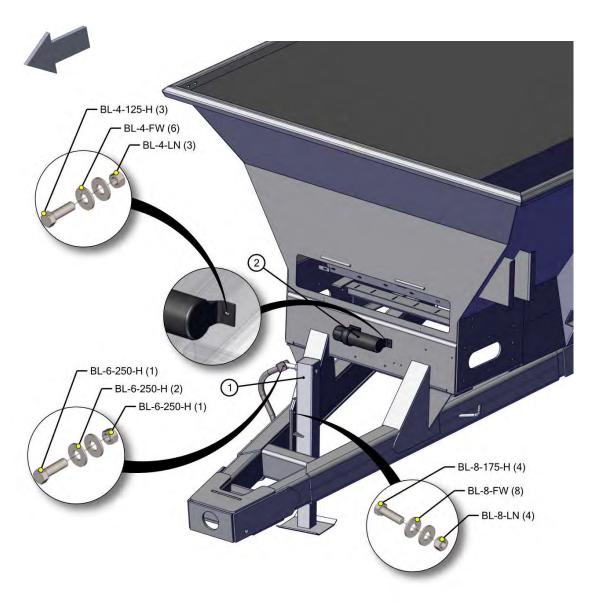
77021-4-01 SAFETY CHAIN

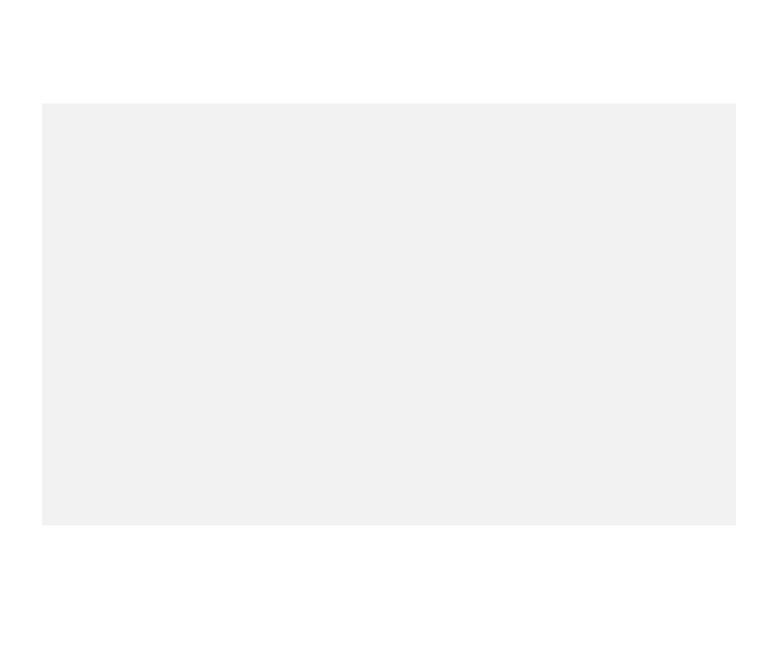
| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|-------------|---|-----|-------------|---------|
| 1 | FRM-3172 | Safety Chain, Agricultural, 60,600 lb. Capacity | 1 | | |
| 2 | PR37152-1 | Safety Chain Washer, 3.25" O.D. | 1 | | |
| 101 | BL-24-FW | 1-1/2 USS FW | 1 | | |
| 102 | BL-16-LN | 1 LN w/ NYLON INSERTS | 1 | | |
| 103 | BL-16-400-H | 1 X 4 HH BOLT ZC G5 | 1 | | |



77023-4-02 ACCESSORIES

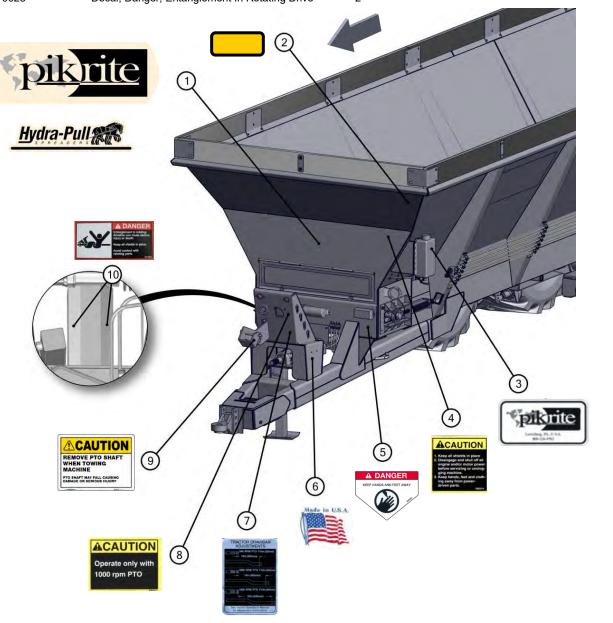
| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|------------|-------------------------------|-----|-------------|---------|
| 1 | WH-1135 | Jack, HP900 Spreader | 1 | | |
| 2 | MAN-67670 | Manual Holder/Canister | 1 | | |
| 100 | BL-4-125-H | 1/4-20 X 1-1/4 HEX CAP G5 ZC | 3 | | |
| 101 | BL-4-FW | 1/4 USS FW ZC | 6 | | |
| 102 | BL-4-LN | 1/4-20 HEX LN NE ZC | 3 | | |
| 103 | BL-6-250-H | 3/8-16 X 2-1/2 HH C/S G5 ZC | 1 | | |
| 104 | BL-6-FW | 3/8 USS FW ZC | 2 | | |
| 105 | BL-6-LN | 3/8-16 FIN H LN NE A563 GA ZC | 1 | | |
| 106 | BL-8-175-H | 1/2-13 X 1-3/4 HH G5 ZC | 4 | | |
| 107 | BL-8-FW | 1/2 USS FW ZC | 8 | | |
| 108 | BL-8-LN | 1/2-13 LN NYLON INSERT ZC | 4 | | |





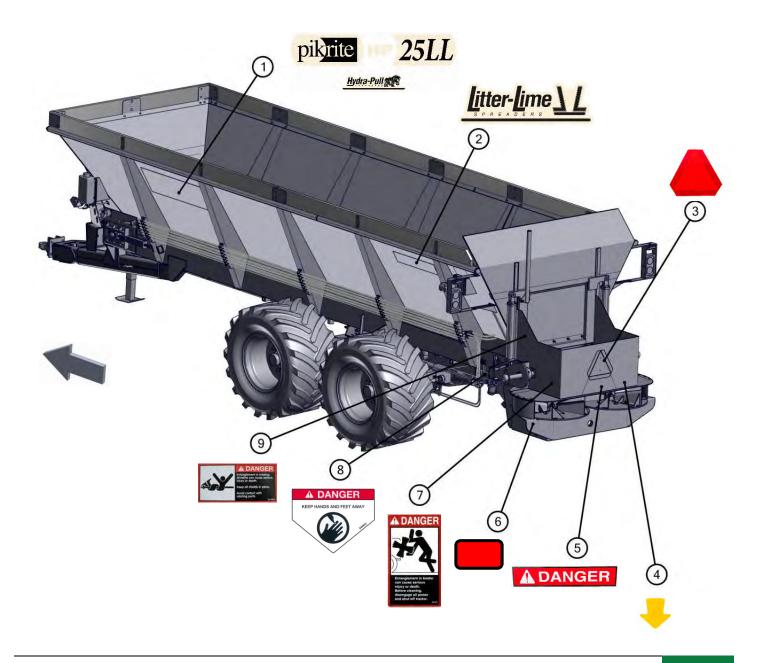
77021-4-03 DECALS ON FRONT OF SPREADER

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|---------|---|-----|-------------|---------|
| 1 | DC-0103 | Pikrite/Hydra-Pull Spreaders 14.23' x 22.8' | 1 | | |
| 2 | EL-1226 | Decal Reflector, Rectangle, Yellow, 2x3.5, Adhesive | 2 | | |
| 3 | DC-4W | Decal, Logo, White, 5.25' Long, Tanks, 1/29/99 | 1 | | |
| 4 | DC-0023 | Decal, Caution, Keep All Shields In Place | 1 | | |
| 5 | DC-1174 | Decal, Danger Keep Hands and Feet Away | 2 | | |
| 6 | DC-0011 | Decal, All, 'Made in USA', White Back w/ Red & Blue Letters | 1 | | |
| 7 | DC-0022 | Decal, Tractor Drawbar Adjustments | 1 | | |
| 8 | DC-0021 | Decal, Caution, 1000 rpm PTO | 1 | | |
| 9 | DC-0221 | Decal, Caution, Stationary Use | 1 | | |
| 10 | DC-0025 | Decal, Danger, Entanglement In Rotating Drive | 2 | | |



77021-4-04 DECALS ON SIDES & REAR OF SPEADER

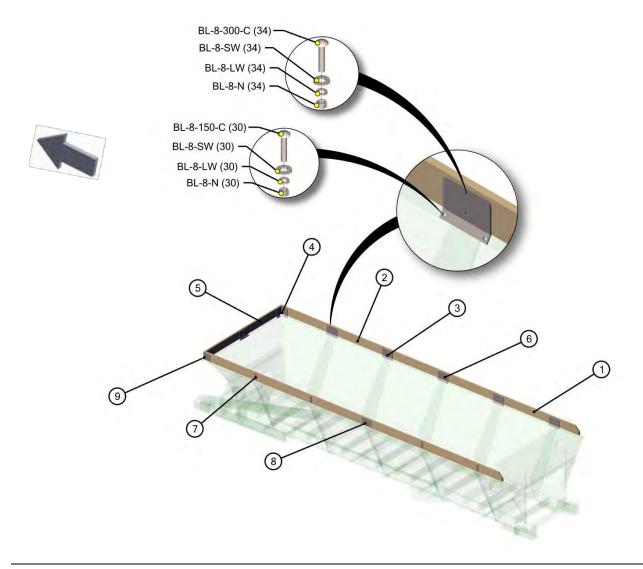
| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|----------|--|-----|-------------|---------|
| 1 | DC-0128 | Pikrite/Hydra-Pull/LitterLime HP25LL Spreaders 14.32' x 42.09' | 2 | | |
| 2 | DC-0129 | Decal, Litter-Lime Spreaders, White, Approx 9.66' x 32' | 2 | | |
| 3 | SMV-D | SMV Sign, Decal | 1 | | |
| 4 | DC-ARROW | Decal, Yellow Direction Arrow | 2 | | |
| 5 | DC-1184 | Danger Decal, 3' x 16' | 1 | | |
| 6 | DC-0033 | Decal, Red, Reflector, Spreader | 4 | | |
| 7 | DC-0030 | Decal, Danger, Entanglement In Beater | 2 | | |
| 8 | DC-1174 | Decal, Danger Keep Hands and Feet Away | 2 | | |
| 9 | DC-0025 | Decal, Danger, Entanglement In Rotating Drive | 2 | | |





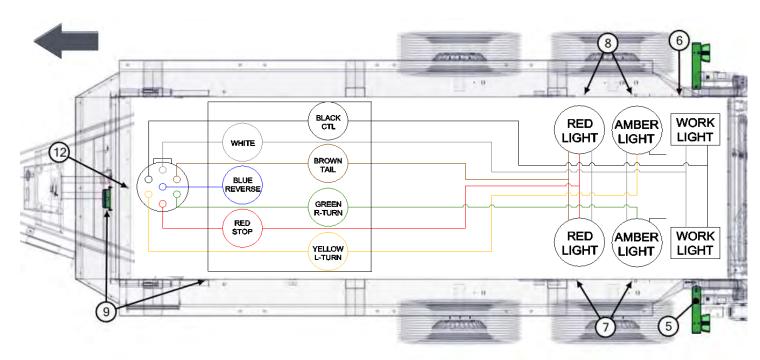
77023-4-05 SIDE EXTENSIONS

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|-------------|------------------------------------|-----|-------------|---------|
| 1 | PR72037 | Side Extension, Rear Board | 2 | | |
| 2 | LUM-2X8-168 | Lumber, 2x8x14' | 2 | | |
| 3 | PR72035 | Bracket, Side Extension | 9 | | |
| 4 | PR72036 | Bracket, Side Extension, Corner | 2 | | |
| 5 | LUM-2X8-96 | Lumber, 2x8, 8' | 1 | | |
| 6 | PR72038 | Bracket, Extension, Splice | 2 | | |
| 7 | PR72039 | Washer, Narrow | 9 | | |
| 8 | PR72041 | Washer, Side Extension, Splice | 2 | | |
| 9 | PR72042 | Washer, Side Extension, Corner | 2 | | |
| 100 | BL-8-150-C | 1/2-13 X 1-1/2 CARRIAGE BOLT G5 ZC | 30 | | |
| 101 | BL-8-300-C | 1/2-13 X 3 CARRIAGE BOLT G5 ZC | 34 | | |
| 102 | BL-8-SW | 1/2 SAE FW ZC | 64 | | |
| 103 | BL-8-LW | 1/2 SPLIT LW ZC | 64 | | |
| 104 | BL-8-N | 1/2-13 HEX FIN NUTS ZC | 64 | | |

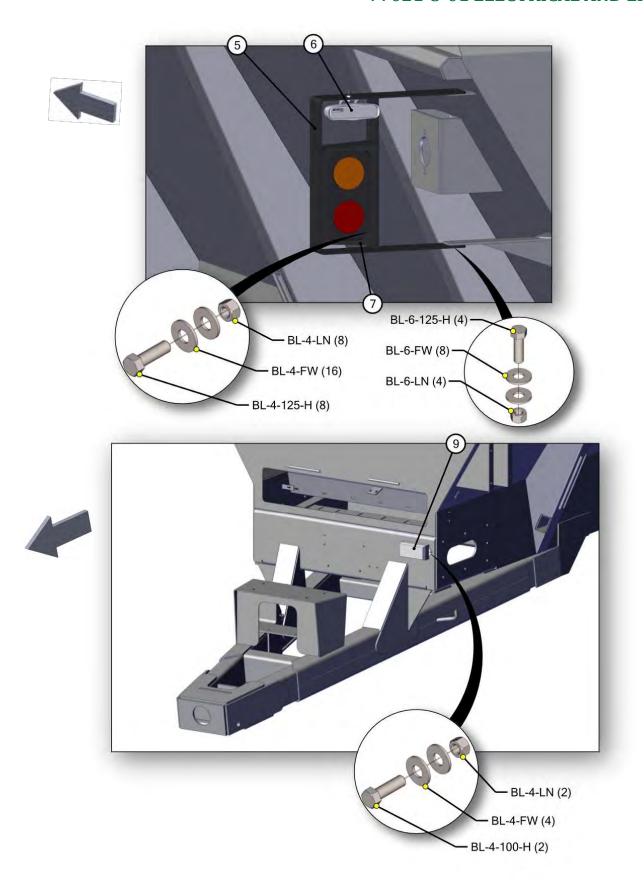


77021-5-01 ELECTRICAL AND LIGHTING

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|--------------|---|-----|-------------|---------------------|
| 1 | EL-40603-426 | Harness, Left Side Spreader Lights | | | |
| 3 | EL-40604-13 | Harness, Work Lights, Spreader | 2 | | |
| 4 | EL-50781-55 | 7 Conductor x 55' Long, Harness | 1 | | |
| 5 | PR63007 | Light Bracket | 2 | | |
| 6 | EL-12340 | Work Light, Signal Stat, Rectangle LED, 2400 Lumen | 2 | | Spreaders June 2022 |
| 7 | EL-1501 | LED Ag Light, LH, w/ brake light | 1 | | |
| 8 | EL-1502 | LED Ag Light, RH, w/ brake light | 1 | | |
| 9 | EL-1361 | Junction Box, (7) Studs, (5) Entry, High Impact PE, 2.5x3.5x8.0 | 1 | | |
| 10 | ELC-127-144 | 12 Gauge 7 Conductor Spiral Cord, 12' Long | 1 | | |
| 11 | ELL-375 | 3/8' Wire Loom @ft | 2 | | |
| 12 | ELL-16-120SS | 1' Conduit @ Foot, Stainless Steel | 2 | | |
| 13 | HA-1075-H | Hydra-zorb Tube Clamp 1' Pipe/Conduit (3 pc.) | 5 | | |
| 100 | BL-4-100-H | 1/4-20 X 1 HH C/S G5 ZC | 2 | | |
| 101 | BL-4-125-H | 1/4-20 X 1-1/4 HEX CAP G5 ZC | 8 | | |
| 102 | BL-4-FW | 1/4 USS FW ZC | 20 | | |
| 103 | BL-4-LN | 1/4-20 HEX LN NE ZC | 10 | | |
| 104 | BL-6-125-H | 3/8-16 X 1-1/4 HHCS G5 ZC | 4 | | |
| 105 | BL-6-FW | 3/8 USS FW ZC | 10 | | |
| 106 | BL-6-LN | 3/8-16 FIN H LN NE A563 GA ZC | 4 | | |
| 107 | BL-6-075-H | 3/8-16 X 3/4 HHCS G5 ZC | 2 | | |
| 108 | BL-6-LW | 3/8 SPLIT LW ZC | 2 | | |
| 109 | BL-6-N | 3/8-16 HEX NUT ZC | 2 | | |



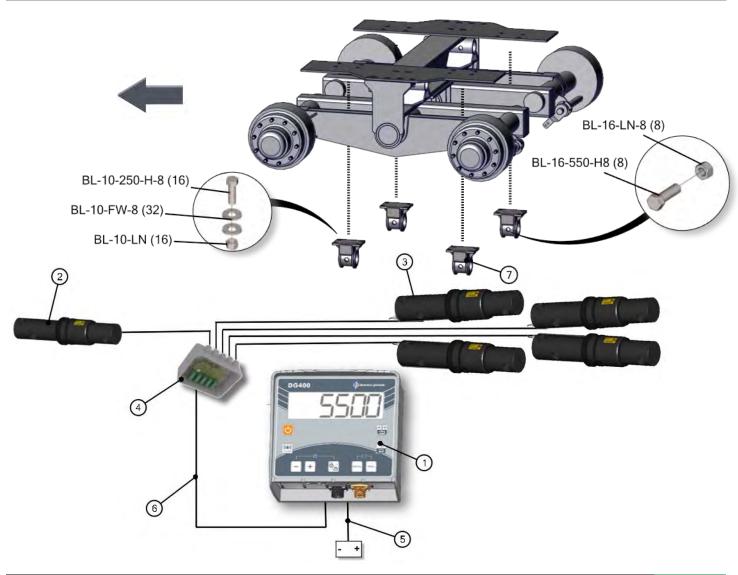
77021-5-01 ELECTRICAL AND LIGHTING





77023-5-02 WEIGH SCALE SYSTEM, DG400

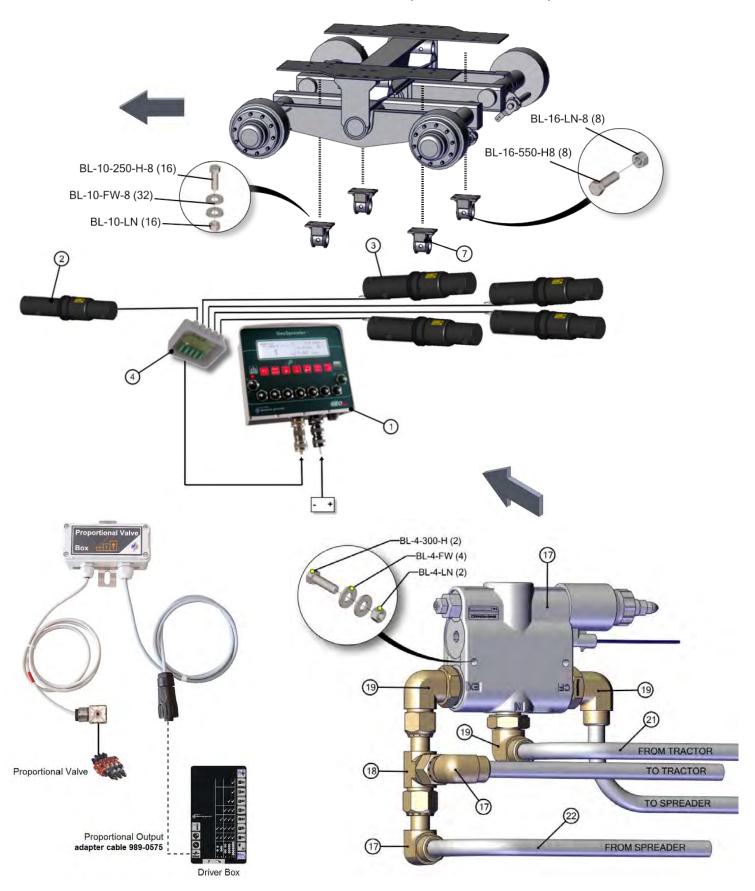
| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|---------------|--|-----|-------------|------------------|
| 1 | SWS-1001 | DG400 Slim Box w/ Isobus, Weigh Scale Display Module, 'Auto-On' | 1 | | |
| 2 | SWS-1007 | Load Cell, Hitch, 2-7/8' Dia, HD | 1 | | |
| 2 | PR63101 | Hitch Shaft, Hardened, Long | -1 | | |
| 3 | SWS-1002 | Load Cell, Axle, 2-7/8' Dia, SD | 4 | | |
| 4 | SWS-1004 | J-Box, 6-9 Load Cells Plug Style | 1 | | |
| 5 | SWS-1005 | Power Cable, 16 ft w/ Ring Terminals | 1 | | |
| 6 | SWS-1006 | Sensor Cable, 22 ft w/ Connectors, J-Box to Scale Head | 1 | | |
| 7 | PR80005 | Wide Mount, Load Cell, Over Channel | 4 | | HP900: 74522003- |
| 100 | BL-16-550-H8 | 1-8 X 5-1/2 BOLT HH C/S G8 ZC | 8 | | |
| 101 | BL-16-LN-8 | 1 H LN ZC G8 | 8 | | |
| 102 | BL-10-FW-8 | 5/8 FW G8 | 32 | | |
| 103 | BL-10-250-H-8 | 5/8-11 X 2-1/2 HH G8 ZC | 16 | | |
| 104 | BL-10-LN | 5/8-11 HEX LN NE ZC | 16 | | |



77023-5-02A WEIGH SCALE SYSTEM, GEOSPREADER, RATE CONTROLLER

| 1 SWS-1009 GeoSpreader Superior Kit 1 2 PR63101 Hitch Shaft, Hardened, Long -1 3 SWS-1007 Load Cell, Hitch, 2-7/6' Dia, HD 1 4 SWS-1002 Load Cell, Hitch, 2-7/6' Dia, DD 4 5 SWS-1004 J-Box, 6-9 Load Cells Plug Style 1 6 HVE-IFM-003 Inductive Proximity Sensor, NPN/NO, 4mm Range, M12 7 HVE-IFM-002-B Female Sensor Cable, 1 X M12, 90 Degree, 10m 1 8 PR80005 Wilde Mount, Load Cell, Over Channel 4 HP900: 74522003- 9 SWS-1031A Cover Plate, RT800, Speed Sensor Tapped Hole 1 10 ELM-106-M Magnet Assembly 1 11 SWS-1031AC Sensor Cover, RT800 Gearbox 1 12 SWS-1012 Proportional Box 1 13 EL-38035 Female Connector Body, Metri-Pack, 280 Series 1 14 EL-38035 Two Contact Clip for Contact Connector 1 15 EL-30036 Male Terminal 2 16 EL-39000 Cable Seal 2 17 HVE-C122012 Electronic Flow Control wiftee flow reverse 1 18 A-FF6602-10-10-10 Run Tee, 10MFF X 10MFF X 10FFFX | REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|---|-----|----------------|--|-----|-------------|------------------|
| 3 SWS-1007 | 1 | SWS-1009 | GeoSpreader Superior Kit | 1 | | |
| 4 SWS-1002 Load Cell, Axie, 2-7/8' Dia, SD 4 5 SWS-1004 J-Box, 6-9 Load Cells Plug Style 1 6 HVE-IFM-003 Inductive Proximity Sensor, NPN/NO, 4mm Range, M12 1 7 HVE-IFM-002-B Female Sensor Cable, 1 X M12, 90 Degree, 10m 1 8 PR80005 Wide Mount, Load Cell, Over Channel 4 HP900: 74522003- 9 SWS-1031A Cover Plate, RT800, Speed Sensor Tapped Hole 1 10 ELM-106-M Magnet Assembly 1 11 SWS-1031AC Sensor Cover, RT800 Gearbox 1 12 SWS-1012 Proportional Box 1 13 EL-38063 Female Connector Body, Metri-Pack, 280 Series 1 14 EL-38035 Two Contact Clip for Contact Connector 1 15 EL-30000 Cable Seal 2 16 EL-39000 Cable Seal 2 17 HVE-C-122012 Electronic Flow Control wifree flow reverse 1 18 A-FF6801-10-12 Elbow, 10MFF x 10MFF x 10FFFX 1 19 A-FF6801-10-12 Elbow, 10MFF x 10FFFX 2 <td>2</td> <td>PR63101</td> <td>Hitch Shaft, Hardened, Long</td> <td>-1</td> <td></td> <td></td> | 2 | PR63101 | Hitch Shaft, Hardened, Long | -1 | | |
| 5 SWS-1004 J-Box, 6-9 Load Cells Plug Style 1 6 HVE-IFM-003 Inductive Proximity Sensor, NPN/NO, 4mm Range, M12 1 7 HVE-IFM-002-B Female Sensor Cable, 1 X M12, 90 Degree, 10m 1 8 PR80005 Wide Mount, Load Cell, Over Channel 4 HP900: 74522003- 9 SWS-1031A Cover Plate, RT800, Speed Sensor Tapped Hole 1 10 ELM-106-M Magnet Assembly 1 11 SWS-1031AC Sensor Cover, RT800 Gearbox 1 12 SWS-1012 Proportional Box 1 13 EL-38063 Female Connector Body, Metri-Pack, 280 Series 1 14 EL-38035 Two Contact Clip for Contact Connector 1 15 EL-30036 Male Terminal 2 16 EL-39000 Cable Seal 2 17 HVE-C122012 Electronic Flow Control w/free flow reverse 1 18 A-FF6602-10-10-10-7 Run Tee, 10MFF x 10FFFX 1 19 A-FF6801-10-12 Elicow, 10MFF x 12SAE 3 <td>3</td> <td>SWS-1007</td> <td>Load Cell, Hitch, 2-7/8' Dia, HD</td> <td>1</td> <td></td> <td></td> | 3 | SWS-1007 | Load Cell, Hitch, 2-7/8' Dia, HD | 1 | | |
| 6 HVE-IFM-003 Inductive Proximity Sensor, NPN/NO, 4mm Range, M12 1 7 HVE-IFM-002-B Female Sensor Cable, 1 X M12, 90 Degree, 10m 1 8 PR80005 Wide Mount, Load Cell, Over Channel 4 HP900: 74522003- 9 SWS-1031A Cover Plate, RT800, Speed Sensor Tapped Hole 1 1 10 ELM-106-M Magnet Assembly 1 11 SWS-1031AC Sensor Cover, RT800 Gearbox 1 12 SWS-1012 Proportional Box 1 13 EL-38033 Female Connector Body, Metri-Pack, 280 Series 1 14 EL-38035 Two Contact Clip for Contact Connector 1 15 EL-30036 Male Terminal 2 16 EL-39000 Cable Seal 2 17 HVE-C122012 Electronic Flow Control wifree flow reverse 1 18 A-FF6602-10-10- 10 Run Tee, 10MFF x 10MFF x 10FFFX 1 19 A-FF6801-10-12 Elbow, 10MFF x 10FFFX 2 20 A-FF650-10-10 Elbow, 5/8* Female ORFS x 5/8* Fe | 4 | SWS-1002 | Load Cell, Axle, 2-7/8' Dia, SD | 4 | | |
| 7 HVE-IFM-002-B Female Sensor Cable, 1 X M12, 90 Degree, 10m 1 8 PR80005 Wide Mount, Load Cell, Over Channel 4 HP900: 74522003- 9 SWS-1031A Cover Plate, RT800, Speed Sensor Tapped Hole 1 10 ELM-106-M Magnet Assembly 1 11 SWS-1031AC Sensor Cover, RT800 Gearbox 1 12 SWS-1012 Proportional Box 1 13 EL-38063 Female Connector Body, Metri-Pack, 280 Series 1 14 EL-38035 Two Contact Clip for Contact Connector 1 15 EL-30036 Male Terminal 2 16 EL-39000 Cable Seal 2 17 HVE-C122012 Electronic Flow Control wifree flow reverse 1 18 AFF6602-10-10-10-10 Run Tee, 10MFF X 10MFF X 10FFFX 1 19 A-FF6600-10-10 Elbow, 90, 10MFF x 10FFFX 2 20 A-FF6600-10-10 Elbow, 90, 10MFF x 10FFFX 2 10FFFX 10FFFX 5/8' Hose, 5/8' Female ORFS x 5/8' Female ORFS 1 | 5 | SWS-1004 | J-Box, 6-9 Load Cells Plug Style | 1 | | |
| 7 HVE-IFM-002-B Female Sensor Cable, 1 X M12, 90 Degree, 10m 1 8 PR80005 Wide Mount, Load Cell, Over Channel 4 HP900: 74522003- 9 SWS-1031A Cover Plate, RT800, Speed Sensor Tapped Hole 1 10 ELM-106-M Magnet Assembly 1 11 SWS-1031AC Sensor Cover, RT800 Gearbox 1 12 SWS-1012 Proportional Box 1 13 EL-38063 Female Connector Body, Metri-Pack, 280 Series 1 14 EL-38035 Two Contact Clip for Contact Connector 1 15 EL-30036 Male Terminal 2 16 EL-39000 Cable Seal 2 17 HVE-C122012 Electronic Flow Control w/free flow reverse 1 18 A-FF6602-10-10-10-10 Run Tee, 10MFF x 10MFF x 10FFFX 1 19 A-FF6600-10-10-12 Elbow, 10MFF x 10FFFX 2 21 H10-17-10FFFX-10FFFX-10FFFX 5/8 Hose, 5/8 Female ORFS x 5/8 Female ORFS 1 22 H10-17-10FFFX-10FFFX-10FFFX-10FFFX-10FFFX-10FFFX-10FFFX-10FFFX-10FFF | 6 | HVE-IFM-003 | | 1 | | |
| 9 SWS-1031A Cover Plate, RT800, Speed Sensor Tapped Hole 1 10 ELM-106-M Magnet Assembly 1 11 SWS-1031AC Sensor Cover, RT800 Gearbox 1 12 SWS-1012 Proportional Box 1 13 EL-38063 Female Connector Body, Metri-Pack, 280 Series 1 14 EL-38035 Two Contact Clip for Contact Connector 1 15 EL-30036 Male Terminal 2 16 EL-39000 Cable Seal 2 17 HVE-C122012 Electronic Flow Control w/free flow reverse 1 18 A-FF6602-10-10- Run Tee, 10MFF X 10MFF X 10FFFX 1 19 A-FF6801-10-12 Elbow, 10MFF x 12SAE 3 20 A-FF6500-10-10 Elbow, 90, 10MFF x 10FFFX 2 21 H10-17-10FFFX- 5/8' Hose, 5/8' Female ORFS x 5/8' Female ORFS 1 10 BL-4-300-H 1/4-20 X 3 HEX CAP G5 ZC 2 10 BL-4-S00-H 1/4-20 X 3 HEX CAP G5 ZC 4 10 BL-4-FW 1/4 USS FW ZC 4 10 BL-4-FW 1/4-20 HEX LN NE ZC 2 10 BL-10-FW-8 5/8 FW G8 32 10 BL-10-FW-8 5/8 FW G8 32 10 BL-10-550-H-8 5/8 FW G8 32 | 7 | HVE-IFM-002-B | | 1 | | |
| 10 ELM-106-M Magnet Assembly 1 11 SWS-1031AC Sensor Cover, RT800 Gearbox 1 12 SWS-1012 Proportional Box 1 13 EL-38063 Female Connector Body, Metri-Pack, 280 Series 1 14 EL-38035 Two Contact Clip for Contact Connector 1 15 EL-30036 Male Terminal 2 16 EL-39000 Cable Seal 2 17 HVE-C122012 Electronic Flow Control w/free flow reverse 1 18 A-FF6602-10-10-10 Run Tee, 10MFF X 10MFF X 10FFFX 1 19 A-FF6601-10-12 Elbow, 10MFF X 12SAE 3 20 A-FF6500-10-10 Elbow, 90, 10MFF x 10FFFX 2 21 10FFFX 5/8' Hose, 5/8' Female ORFS x 5/8' Female ORFS 1 22 10FFFX 5/8' Hose, 5/8' Female ORFS x 5/8' Female ORFS 1 23 SWS-1039 Sensor Bracket, GeoSpreader 1 100 BL-4-300-H 1/4-20 X 3 HEX CAP G5 ZC 2 101 BL-4FW 1/4 USS FW ZC 4 102 BL-4LN 1/4-20 | 8 | PR80005 | Wide Mount, Load Cell, Over Channel | 4 | | HP900: 74522003- |
| 11 SWS-1031AC Sensor Cover, RT800 Gearbox 1 12 SWS-1012 Proportional Box 1 13 EL-38063 Female Connector Body, Metri-Pack, 280 Series 1 14 EL-38035 Two Contact Clip for Contact Connector 1 15 EL-30006 Male Terminal 2 16 EL-39000 Cable Seal 2 17 HVE-C122012 Electronic Flow Control wifree flow reverse 1 18 A-FF6602-10-10- In Control Wifree flow reverse 1 19 A-FF6801-10-12 Elbow, 10MFF x 10FFFX 1 19 A-FF6500-10-10 Elbow, 90, 10MFF x 10FFFX 2 21 H10-17-10FFFX- 10FFFX 5/8' Hose, 5/8' Female ORFS x 5/8' Female ORFS 1 22 H10-36-10FFFX- 10FFFX- 10FFFX 5/8' Hose, 5/8' Female ORFS x 5/8' Female ORFS 1 23 SWS-1039 Sensor Bracket, GeoSpreader 1 10 BL-4-300-H 1/4-20 X 3 HEX CAP G5 ZC 2 101 BL-4-FW 1/4 USS FW ZC 4 102 BL-4-LN 1/4-20 HEX LN NE ZC 2 103 BL-1 | 9 | SWS-1031A | Cover Plate, RT800, Speed Sensor Tapped Hole | 1 | | |
| 12 SWS-1012 Proportional Box 1 13 EL-38063 Female Connector Body, Metri-Pack, 280 Series 1 14 EL-38035 Two Contact Clip for Contact Connector 1 15 EL-30036 Male Terminal 2 16 EL-39000 Cable Seal 2 17 HVE-C122012 Electronic Flow Control w/free flow reverse 1 18 A-FF6602-10-10- 10- 10 Run Tee, 10MFF X 10MFF X 10FFFX 1 19 A-FF6801-10-12 Elbow, 10MFF X 12SAE 3 20 A-FF6500-10-10 Elbow, 90, 10MFF X 10FFFX 2 10FFFX 5/8' Hose, 5/8' Female ORFS X 5/8' Female ORFS 1 21 H10-36-10FFFX- 10/8' Female ORFS X 5/8' Female ORFS 1 22 H10-36-10FFFX- 10/8' Female ORFS X 5/8' Female ORFS 1 23 SWS-1039 Sensor Bracket, GeoSpreader 1 10 BL-4-300-H 1/4-20 X 3 HEX CAP G5 ZC 2 101 BL-4-FW 1/4 USS FW ZC 4 102 BL-4-LN 1/4-20 HEX LN NE ZC 2 103 BL-16-50-H8 1-8 X 5-1/2 BOLT HH C/S G8 ZC< | 10 | ELM-106-M | Magnet Assembly | 1 | | |
| 13 | 11 | SWS-1031AC | Sensor Cover, RT800 Gearbox | 1 | | |
| 14 EL-38035 Two Contact Clip for Contact Connector 1 15 EL-30036 Male Terminal 2 16 EL-39000 Cable Seal 2 17 HVE-C122012 Electronic Flow Control w/free flow reverse 1 18 A-FF6602-10-10-10-10 Run Tee, 10MFF X 10MFF X 10FFFX 1 19 A-FF6801-10-12 Elbow, 10MFF x 12SAE 3 20 A-FF6500-10-10 Elbow, 90, 10MFF x 10FFFX 2 21 H10-17-10FFFX-10FFFX-10FFFX 5/8' Hose, 5/8' Female ORFS x 5/8' Female ORFS 1 22 H10-36-10FFFX-10FFFX-10FFFX 5/8' Hose, 5/8' Female ORFS x 5/8' Female ORFS 1 23 SWS-1039 Sensor Bracket, GeoSpreader 1 100 BL-4-300-H 1/4-20 X 3 HEX CAP G5 ZC 2 101 BL-4-FW 1/4 USS FW ZC 4 102 BL-4-LN 1/4-20 HEX LN NE ZC 2 103 BL-16-550-H8 1-8 X 5-1/2 BOLT HH C/S G8 ZC 8 104 BL-16-LN-8 1 H LN ZC G8 8 105 BL-10-FW-8 5/8 FW G8 32 106 BL-10-2 | 12 | SWS-1012 | Proportional Box | 1 | | |
| 15 EL-30036 Male Terminal 2 16 EL-39000 Cable Seal 2 17 HVE-C122012 Electronic Flow Control w/free flow reverse 1 18 A-FF6602-10-10-10 Run Tee, 10MFF X 10MFF X 10FFFX 1 19 A-FF6801-10-12 Elbow, 10MFF X 12SAE 3 20 A-FF6500-10-10 Elbow, 90, 10MFF x 10FFFX 2 21 H10-17-10FFFX-10FFFX-10FFFX-10FFFX 5/8' Hose, 5/8' Female ORFS x 5/8' Female ORFS 1 22 H10-36-10FFFX-10FFFX-10FFFX-10FFFX-10FFFX 5/8' Hose, 5/8' Female ORFS x 5/8' Female ORFS 1 23 SWS-1039 Sensor Bracket, GeoSpreader 1 100 BL-4-300-H 1/4-20 X 3 HEX CAP G5 ZC 2 101 BL-4FW 1/4 USS FW ZC 4 102 BL-4LN 1/4-20 HEX LN NE ZC 2 103 BL-16-550-H8 1-8 X 5-1/2 BOLT HH C/S G8 ZC 8 104 BL-10-FW-8 5/8 FW G8 32 106 BL-10-250-H-8 5/8-11 X 2-1/2 HH G8 ZC 16 | 13 | EL-38063 | Female Connector Body, Metri-Pack, 280 Series | 1 | | |
| 16 EL-39000 Cable Seal 2 17 HVE-C122012 Electronic Flow Control w/free flow reverse 1 18 A-FF6602-10-10- 10 | 14 | EL-38035 | Two Contact Clip for Contact Connector | 1 | | |
| 17 HVE-C122012 Electronic Flow Control w/free flow reverse 1 18 A-FF6602-10-10- Run Tee, 10MFF X 10MFF X 10FFFX 1 19 A-FF6801-10-12 Elbow, 10MFF X 12SAE 3 20 A-FF6500-10-10 Elbow, 90, 10MFF X 10FFFX 2 21 H10-17-10FFFX- 10FFFX- 10FFFX 5/8' Hose, 5/8' Female ORFS x 5/8' Female ORFS 1 22 H10-36-10FFFX- 5/8' Hose, 5/8' Female ORFS x 5/8' Female ORFS 1 23 SWS-1039 Sensor Bracket, GeoSpreader 1 100 BL-4-300-H 1/4-20 X 3 HEX CAP G5 ZC 2 101 BL-4-FW 1/4 USS FW ZC 4 102 BL-4-LN 1/4-20 HEX LN NE ZC 2 103 BL-16-550-H8 1-8 X 5-1/2 BOLT HH C/S G8 ZC 8 104 BL-10-FW-8 5/8 FW G8 32 106 BL-10-250-H-8 5/8-11 X 2-1/2 HH G8 ZC 16 | 15 | EL-30036 | Male Terminal | 2 | | |
| 18 A-FF6602-10-10-10-10-10-10-10-10-10-10-10-10-10- | 16 | EL-39000 | Cable Seal | 2 | | |
| 10 | 17 | HVE-C122012 | Electronic Flow Control w/free flow reverse | 1 | | |
| 20 A-FF6500-10-10 Elbow, 90, 10MFF x 10FFFX 2 21 H10-17-10FFFX-10FFFX-10FFFX-10FFFX-10FFFX 5/8' Hose, 5/8' Female ORFS x 5/8' Female ORFS 1 22 H10-36-10FFFX-10FFFX-10FFFX-10FFFX-10FFFX 5/8' Hose, 5/8' Female ORFS x 5/8' Female ORFS 1 23 SWS-1039 Sensor Bracket, GeoSpreader 1 100 BL-4-300-H 1/4-20 X 3 HEX CAP G5 ZC 2 101 BL-4-FW 1/4 USS FW ZC 4 102 BL-4-LN 1/4-20 HEX LN NE ZC 2 103 BL-16-550-H8 1-8 X 5-1/2 BOLT HH C/S G8 ZC 8 104 BL-16-LN-8 1 H LN ZC G8 8 105 BL-10-FW-8 5/8 FW G8 32 106 BL-10-250-H-8 5/8-11 X 2-1/2 HH G8 ZC 16 | 18 | | Run Tee, 10MFF X 10MFF X 10FFFX | 1 | | |
| 21 H10-17-10FFFX-10FFFX-10FFFX-10FFFX-10FFFX 5/8' Hose, 5/8' Female ORFS x 5/8' Female ORFS 1 22 H10-36-10FFFX-10FFFX-10FFFX-10FFFX 5/8' Hose, 5/8' Female ORFS x 5/8' Female ORFS 1 23 SWS-1039 Sensor Bracket, GeoSpreader 1 100 BL-4-300-H 1/4-20 X 3 HEX CAP G5 ZC 2 101 BL-4-FW 1/4 USS FW ZC 4 102 BL-4-LN 1/4-20 HEX LN NE ZC 2 103 BL-16-550-H8 1-8 X 5-1/2 BOLT HH C/S G8 ZC 8 104 BL-16-LN-8 1 H LN ZC G8 8 105 BL-10-FW-8 5/8 FW G8 32 106 BL-10-250-H-8 5/8-11 X 2-1/2 HH G8 ZC 16 | 19 | A-FF6801-10-12 | Elbow, 10MFF x 12SAE | 3 | | |
| 10FFFX 5/8 Hose, 5/8 Female ORFS x 5/8 Female ORFS 1 22 H10-36-10FFFX- 10FFFX 5/8' Hose,5/8' Female ORFS 1 23 SWS-1039 Sensor Bracket, GeoSpreader 1 100 BL-4-300-H 1/4-20 X 3 HEX CAP G5 ZC 2 101 BL-4-FW 1/4 USS FW ZC 4 102 BL-4-LN 1/4-20 HEX LN NE ZC 2 103 BL-16-550-H8 1-8 X 5-1/2 BOLT HH C/S G8 ZC 8 104 BL-16-LN-8 1 H LN ZC G8 8 105 BL-10-FW-8 5/8 FW G8 32 106 BL-10-250-H-8 5/8-11 X 2-1/2 HH G8 ZC 16 | 20 | A-FF6500-10-10 | Elbow, 90, 10MFF x 10FFFX | 2 | | |
| 22 10FFFX 5/8 Hose, 5/8 Female ORFS X 5/8 Female ORFS X 1 23 SWS-1039 Sensor Bracket, GeoSpreader 1 100 BL-4-300-H 1/4-20 X 3 HEX CAP G5 ZC 2 101 BL-4-FW 1/4 USS FW ZC 4 102 BL-4-LN 1/4-20 HEX LN NE ZC 2 103 BL-16-550-H8 1-8 X 5-1/2 BOLT HH C/S G8 ZC 8 104 BL-16-LN-8 1 H LN ZC G8 8 105 BL-10-FW-8 5/8 FW G8 32 106 BL-10-250-H-8 5/8-11 X 2-1/2 HH G8 ZC 16 | 21 | | 5/8' Hose, 5/8' Female ORFS x 5/8' Female ORFS | 1 | | |
| 100 BL-4-300-H 1/4-20 X 3 HEX CAP G5 ZC 2 101 BL-4-FW 1/4 USS FW ZC 4 102 BL-4-LN 1/4-20 HEX LN NE ZC 2 103 BL-16-550-H8 1-8 X 5-1/2 BOLT HH C/S G8 ZC 8 104 BL-16-LN-8 1 H LN ZC G8 8 105 BL-10-FW-8 5/8 FW G8 32 106 BL-10-250-H-8 5/8-11 X 2-1/2 HH G8 ZC 16 | 22 | | 5/8' Hose,5/8' Female ORFS x 5/8' Female ORFS | 1 | | |
| 101 BL-4-FW 1/4 USS FW ZC 4 102 BL-4-LN 1/4-20 HEX LN NE ZC 2 103 BL-16-550-H8 1-8 X 5-1/2 BOLT HH C/S G8 ZC 8 104 BL-16-LN-8 1 H LN ZC G8 8 105 BL-10-FW-8 5/8 FW G8 32 106 BL-10-250-H-8 5/8-11 X 2-1/2 HH G8 ZC 16 | 23 | SWS-1039 | Sensor Bracket, GeoSpreader | 1 | | |
| 102 BL-4-LN 1/4-20 HEX LN NE ZC 2 103 BL-16-550-H8 1-8 X 5-1/2 BOLT HH C/S G8 ZC 8 104 BL-16-LN-8 1 H LN ZC G8 8 105 BL-10-FW-8 5/8 FW G8 32 106 BL-10-250-H-8 5/8-11 X 2-1/2 HH G8 ZC 16 | 100 | BL-4-300-H | 1/4-20 X 3 HEX CAP G5 ZC | 2 | | |
| 103 BL-16-550-H8 1-8 X 5-1/2 BOLT HH C/S G8 ZC 8 104 BL-16-LN-8 1 H LN ZC G8 8 105 BL-10-FW-8 5/8 FW G8 32 106 BL-10-250-H-8 5/8-11 X 2-1/2 HH G8 ZC 16 | 101 | BL-4-FW | 1/4 USS FW ZC | 4 | | |
| 104 BL-16-LN-8 1 H LN ZC G8 8 105 BL-10-FW-8 5/8 FW G8 32 106 BL-10-250-H-8 5/8-11 X 2-1/2 HH G8 ZC 16 | 102 | BL-4-LN | 1/4-20 HEX LN NE ZC | 2 | | |
| 105 BL-10-FW-8 5/8 FW G8 32 106 BL-10-250-H-8 5/8-11 X 2-1/2 HH G8 ZC 16 | 103 | BL-16-550-H8 | 1-8 X 5-1/2 BOLT HH C/S G8 ZC | 8 | | |
| 106 BL-10-250-H-8 5/8-11 X 2-1/2 HH G8 ZC 16 | 104 | BL-16-LN-8 | 1 H LN ZC G8 | 8 | | |
| | 105 | BL-10-FW-8 | 5/8 FW G8 | 32 | | |
| 107 BL-10-LN 5/8-11 HEX LN NE ZC 16 | 106 | BL-10-250-H-8 | 5/8-11 X 2-1/2 HH G8 ZC | 16 | | |
| | 107 | BL-10-LN | 5/8-11 HEX LN NE ZC | 16 | | |

77023-5-02A WEIGH SCALE SYSTEM, GEOSPREADER, RATE CONTROLLER

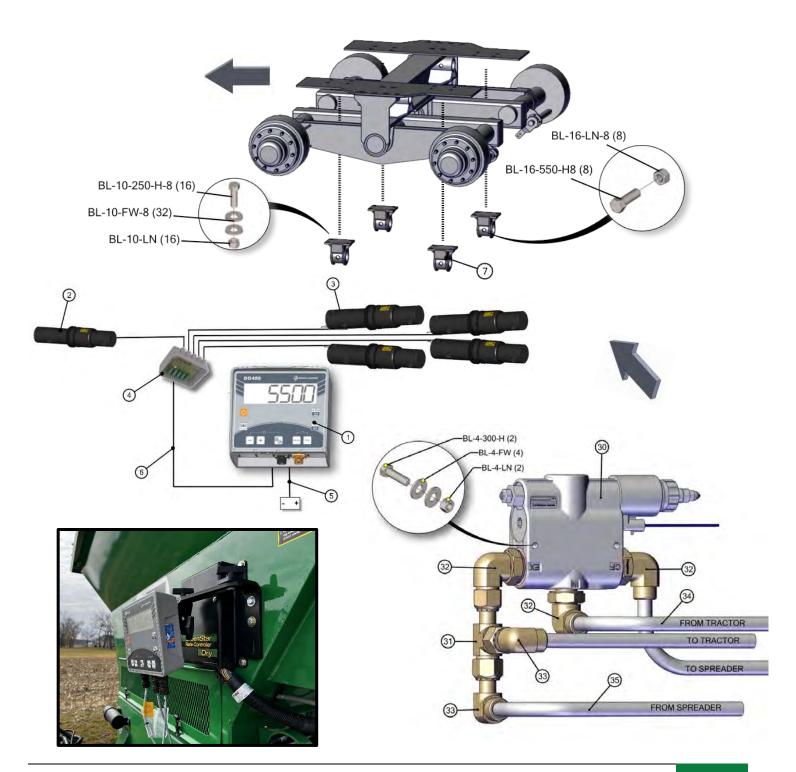


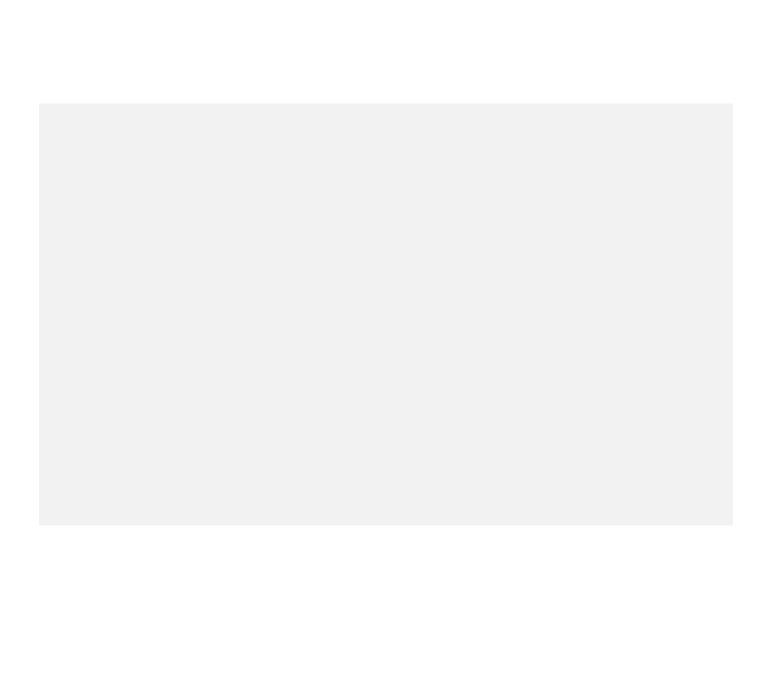
77023-5-02B WEIGH SCALE SYSTEM, DG400 W/ JD RATE CONTROLLER

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|--------------------------|--|-----|-------------|------------------|
| 1 | SWS-1032 | John Deere Dry Rate Controller | 1 | | |
| 2 | SWS-1033 | Tractor ISO/Power Cable | 1 | | |
| 3 | SWS-1034 | Ext. Cable, Tractor, ISO/Power | 1 | | |
| 4 | SWS-1035 | NL Speed Sensor | 1 | | |
| 5 | SWS-1036 | Display Mounting Kit, Scales | 1 | | |
| 6 | SWS-1037 | Flow Control Harness, Custom | 1 | | |
| 7 | SWS-1038 | Display Bracket Kit | 1 | | |
| 8 | SWS-1001 | DG400 Slim Box w/ Isobus, Weigh Scale Display Module. 'Auto-On' | 1 | | |
| 9 | SWS-1002 | Load Cell, Axle, 2-7/8' Dia, SD | 4 | | |
| 10 | SWS-1004 | J-Box, 6-9 Load Cells Plug Style | 1 | | |
| 11 | SWS-1005 | Power Cable, 16 ft w/ Ring Terminals | 1 | | |
| 12 | SWS-1006 | Sensor Cable, 22 ft w/ Connectors, J-Box to Scale Head | 1 | | |
| 13 | SWS-1007 | Load Cell, Hitch, 2-7/8' Dia, HD | 1 | | |
| 14 | HVE-IFM-003 | Inductive Proximity Sensor, NPN/NO, 4mm Range, M12 | 1 | | |
| 15 | HVE-IFM-002-B | Female Sensor Cable, 1 X M12, 90 Degree, 10m | 1 | | |
| 16 | PR63101 | Hitch Shaft, Hardened, Long | -1 | | |
| 17 | SWS-1031A | Cover Plate, RT800, Speed Sensor Tapped Hole | 1 | | |
| 18 | PR80005 | Wide Mount, Load Cell, Over Channel | 4 | | HP900: 74522003- |
| 19 | SWS-1019 | Isobus Connection Cable/DG400 | 1 | | |
| 20 | ELC-1010-A | Pin, Size 16, 16-20 AWG, Nickel, DT Series | 4 | | |
| 21 | ELC-1012 | Sealing Plug, DT Series, White | 2 | | |
| 22 | ELC-1023-A | 6 Socket Receptacle, Deutsch DT | 1 | | |
| 23 | ELC-1023-B | 6 Pin Wedgelock For Receptacle, DT | 1 | | |
| 24 | ELM-106-M | Magnet Assembly | 1 | | |
| 25 | SWS-1031AC | Sensor Cover, RT800 Gearbox | 1 | | |
| 26 | EL-38063 | Female Connector Body, Metri-Pack, 280 Series | 1 | | |
| 27 | EL-38035 | Two Contact Clip for Contact Connector | 1 | | |
| 28 | EL-30036 | Male Terminal | 2 | | |
| 29 | EL-39000 | Cable Seal | 2 | | |
| 30 | HVE-C122012 | Electronic Flow Control w/free flow reverse | 1 | | |
| 31 | A-FF6602-10-10- 10 | Run Tee, 10MFF X 10MFF X 10FFFX | 1 | | |
| 32 | A-FF6801-10-12 | Elbow, 10MFF x 12SAE | 3 | | |
| 33 | A-FF6500-10-10 | Elbow, 90, 10MFF x 10FFFX | 2 | | |
| 34 | H10-17-10FFFX- 10FFFX | 5/8' Hose, 5/8' Female ORFS x 5/8' Female ORFS | 1 | | |
| 35 | H10-36-10FFFX- 10FFFX | 5/8' Hose,5/8' Female ORFS x 5/8' Female ORFS | 1 | | |
| 100 | BL-16-550-H8 | 1-8 X 5-1/2 BOLT HH C/S G8 ZC | 8 | | |
| 101 | BL-16-LN-8 | 1 H LN ZC G8 | 8 | | |
| 102 | BL-10-FW-8 | 5/8 FW G8 | 32 | | |

77023-5-02B WEIGH SCALE SYSTEM, DG400 W/ JD RATE CONTROLLER

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|---------------|--------------------------|-----|-------------|---------|
| 103 | BL-10-250-H-8 | 5/8-11 X 2-1/2 HH G8 ZC | 16 | | |
| 104 | BL-10-LN | 5/8-11 HEX LN NE ZC | 16 | | |
| 105 | BL-4-300-H | 1/4-20 X 3 HEX CAP G5 ZC | 2 | | |
| 106 | BL-4-FW | 1/4 USS FW ZC | 4 | | |
| 107 | BL-4-LN | 1/4-20 HEX LN NE ZC | 2 | | |





Pik Rite, Inc. provides a limited warranty assuring any new Hydra-Pull Spreader to be free from defects in material and workmanship for a period of two (2) years from the original date of purchase. Pik Rite will repair or replace, at its option and without charge, any defective or malfunctioning part (excluding items of normal wear or misuse) of the spreader for this allotted time.

PIK RITE MAKES NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE.

CUSTOMER'S RESPONSIBILITY

It is the customer and/or operator's responsibility to read the Operator's Manual, to operate, lubricate, maintain and store the equipment in accordance with all instructions and safety procedures. Failure of the operator to read the operator's manual is a misuse of this equipment.

It is the customer and/or operators' responsibility to inspect the product and to have any part(s) repaired or replaced when continued operation would cause damage or excessive wear to other parts or cause a safety hazard. It is the customer's responsibility to deliver the product to the authorized dealer, from whom the spreader was purchased, for service or replacement of defective parts, which are covered by warranty.

It is the customer's responsibility for any cost incurred by the dealer for hauling the product for the purpose of performing a warranty obligation or inspection.

WARRANTY INFORMATION

Make certain the warranty registration card has been forwarded to:

Pik Rite. Inc. 60 Pik Rite Lane Lewisburg, PA 17837

Always give your dealer the serial number of your Pik Rite, Inc. product when ordering parts or requesting service or other information.

In the space provided record the model number, the serial number and the date of purchase to assist in providing you with prompt and efficient service.

| MODEL NUMBER: <u>HP25LL</u> | DEALER: |
|-----------------------------|----------|
| SERIAL NUMBER: | ADDRESS: |
| PURCHASE DATE: | |
| | PHONE: |
| | SALESMAN |

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