

pikrite

HP 1100

Hydra-Pull
SPREADERS

OPERATION AND PARTS MANUAL



PROUDLY MADE IN THE USA



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The Pik Rite logo features the brand name in a stylized, lowercase serif font. The letters 'p' and 'r' are connected, and the 'i' has a dot. The text is white and set against a dark green background that is part of a larger header banner.The HP logo consists of the letters 'HP' in a bold, white, sans-serif font, positioned between two white curved shapes that resemble the ends of a spreader's wings.The model number '1100' is displayed in a large, bold, white, sans-serif font, centered within a white rounded rectangular box.The Hydra-Pull logo features the brand name in a bold, italicized, sans-serif font. Below the name, the word 'SPREADERS' is written in a smaller, all-caps, sans-serif font. To the right of the text is a small illustration of a horse pulling a carriage.

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

OPERATION MANUAL 7

| | |
|-----------------------------|----|
| INTRODUCTION | 7 |
| SAFETY | 8 |
| PREPARING THE TRACTOR | 14 |
| PREPARING THE SPREADER | 16 |
| CONTROLS | 17 |
| ATTACHING THE SPREADER | 18 |
| DETACHING THE SPREADER | 19 |
| TRANSPORT | 20 |
| OPERATING THE SPEADER | 22 |
| LUBRICATION AND MAINTENANCE | 25 |
| SPECIFICATIONS | 30 |

PARTS MANUAL 31

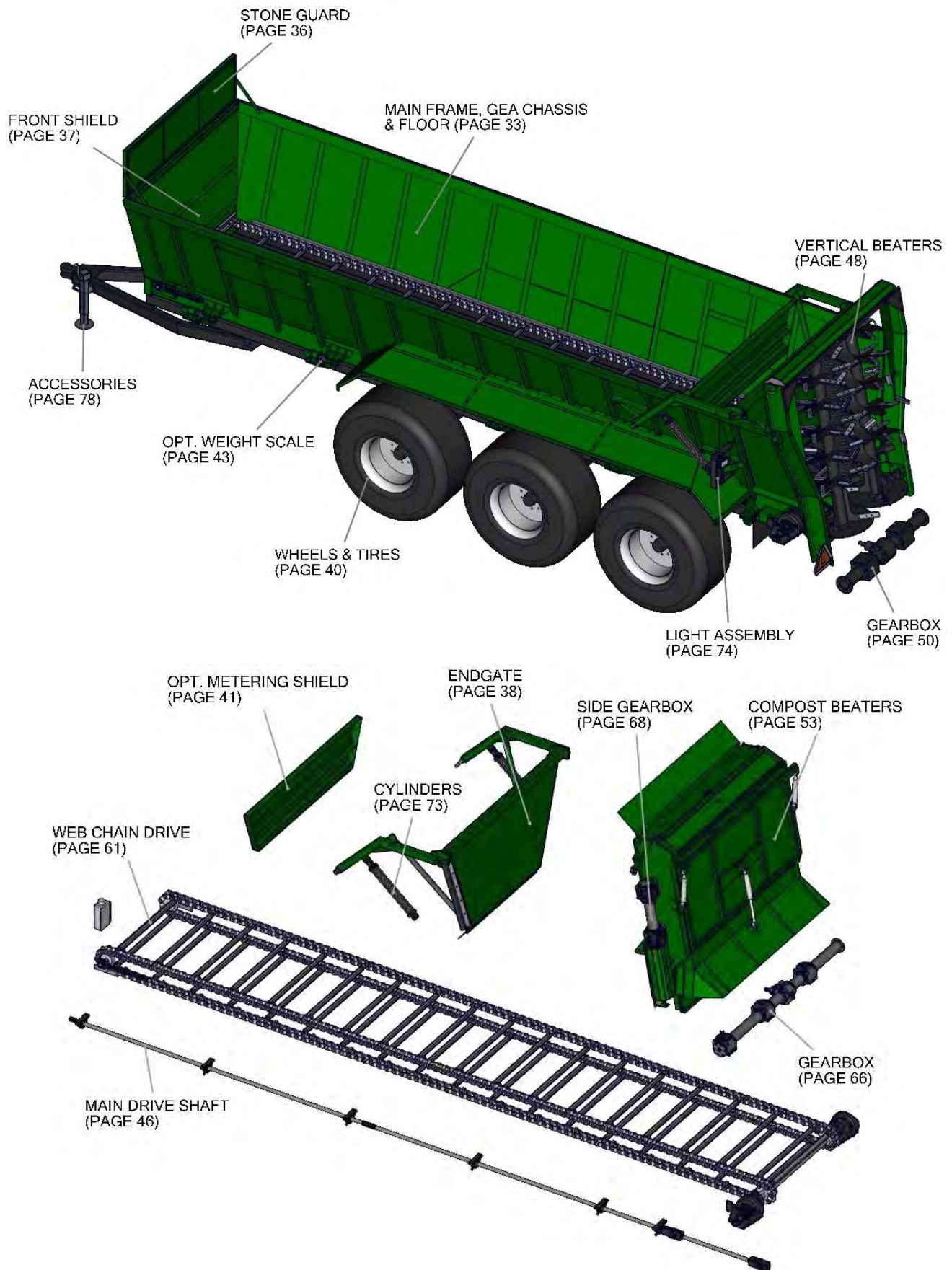
| | | |
|-------------|--|----|
| 74120-1-01 | MAIN FRAME, GEA CHASSIS & FLOOR | 33 |
| 74115-1-02 | STONE GUARD | 36 |
| 74120-1-03 | FRONT SHIELD | 37 |
| 74115-1-05 | ENDGATE | 38 |
| 74115-1-08 | WHEELS & TIRES | 40 |
| 74115-1-09 | OPTIONAL METERING SHIELD | 41 |
| 74120-1-10 | OPTIONAL WEIGHT SCALE SYSTEM, NT460 | 43 |
| 74115-2-01 | DRIVELINE, 1000 RPM | 44 |
| 74115-2-02 | MAIN DRIVE SHAFT | 46 |
| 74115-2-03 | VERTICAL BEATERS, QUICK DISCONNECT | 48 |
| 74115-2-03A | VERTICAL BEATER GEARBOX | 50 |
| 74120-2-03B | OPT. COMPOST BEATERS, HYDRAULIC HOOD W/ TRIM PANEL | 53 |
| 74120-2-03C | OPT. COMPOST BEATERS, HYDRAULIC HOOD | 57 |
| 74119-2-04 | WEB CHAIN DRIVE | 61 |
| 74115-2-05 | WEB CHAIN GEARBOX | 64 |
| 74120-2-08 | GEARBOX, COMPOST BEATERS | 66 |
| 74120-2-09 | GEARBOX, COMPOST BEATERS, SIDE | 68 |
| 74119-3-01 | HYDRAULICS, WEB DRIVE | 70 |

TABLE OF CONTENTS

| | | |
|-------------|---------------------------------------|----|
| 74119-3-02 | HYDRAULICS, ENDGATE | 72 |
| 74115-3-03 | ENDGATE CYLINDERS | 73 |
| 74120-3-04 | COMPOST HYDRAULICS WITH TRIM PANEL | 74 |
| 74120-3-05 | COMPOST HYDRAULICS WITHOUT TRIM PANEL | 75 |
| 74115-5-01 | ELECTRICAL & LIGHTING | 76 |
| 745120-5-02 | OPT. SIDE EXTENSIONS | 78 |
| 74115-6-01 | SAFETY TOW CHAIN | 79 |
| 74120-6-02 | ACCESSORIES | 80 |
| 74115-6-04 | DECALS, FRONT OF SPREADER | 82 |
| 74115-6-05 | DECALS, SIDES & REAR | 83 |
| 74120-6-05A | DECALS ON COMPOST | 84 |

| | |
|-----------------|----|
| WARRANTY | 85 |
|-----------------|----|

TABLE OF CONTENTS



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 provide 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.



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.

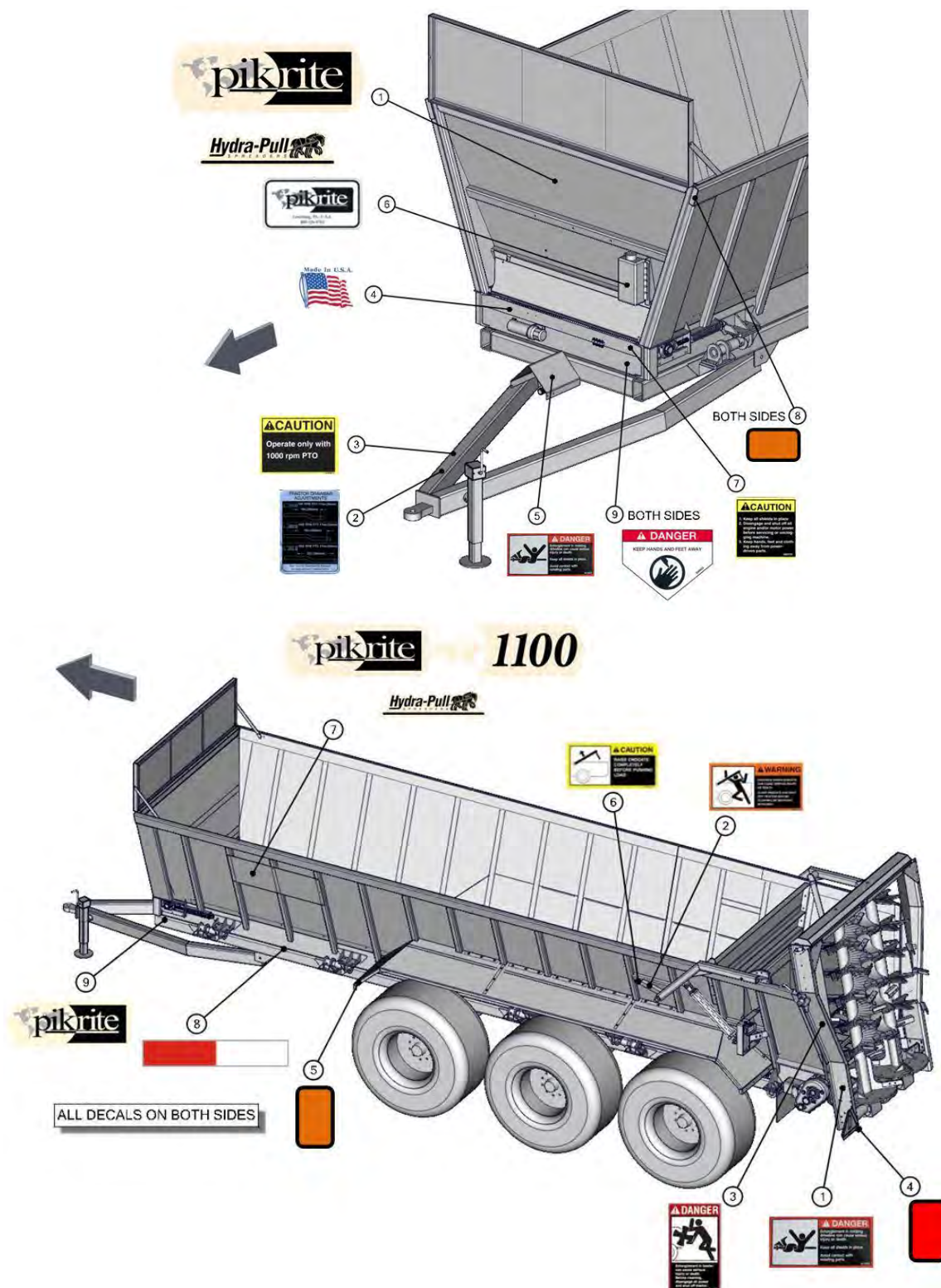
Keep your machine in proper working condition. Unauthorized modifications to the machine may impair the function and/or safety and affect machine life.

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



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.)



SAFETY

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.



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.



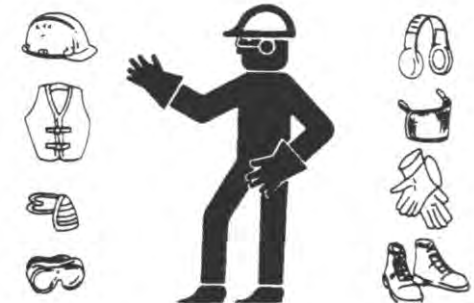
CAUTION WEAR PROTECTIVE CLOTHING

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.



WARNING 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.





⚠️ WARNING 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.

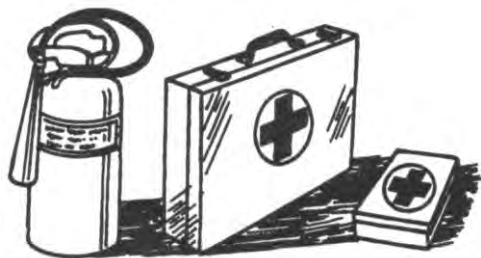
Secure jackstand with pin.

NOTICE PREPARE FOR EMERGENCIES

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.

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. Do not use safety chain for towing.



SAFETY

⚠ 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.



⚠ WARNING STAY CLEAR OF RAISED ENDGATE

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

Lower endgate and disconnect hydraulic lines before servicing or adjusting.



⚠ WARNING 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.



⚠ 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.





WARNING AVOID HIGH-PRESSURE FLUIDS



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

PREPARING THE TRACTOR

NOTICE APPROVED TRACTORS, MODEL HP1100

Row Crop Tractors with 200 HP PTO rating or larger are approved for operation with the HP1100 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.

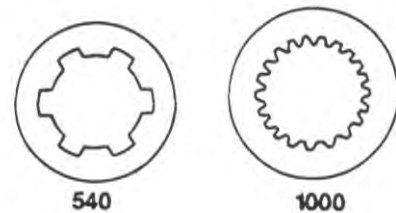
NOTICE CHOOSING CORRECT PTO SPEED

MODEL – HP1100 – 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.

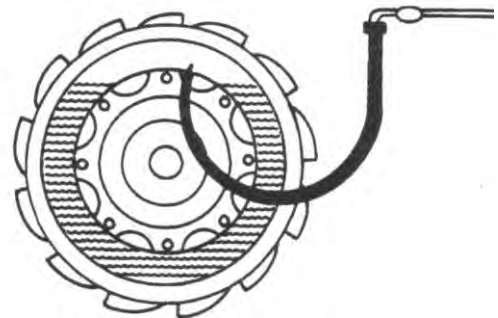


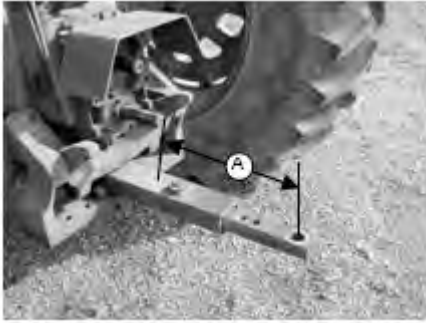
NOTICE BALLASTING THE TRACTOR

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.





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.

PTO Speed

1000 rpm x 1-3/4

Dimension (A)

508 mm (20in.)

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 x 3 in. minimum

SAFETY INSTRUCTIONS

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.

SAFETY INSTRUCTIONS

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).

SAFETY INSTRUCTIONS

CHECKING TRANSMISSION/HYDRAULIC OIL LEVEL

Cycle all hydraulic cylinders fully two or three times.

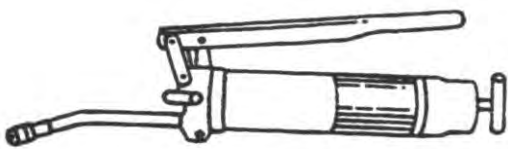
Fully retract all cylinders.

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)

Valve is set from Factory at 1000 psi.
(Contact your Hydra-Pull Dealer for available brake kit)



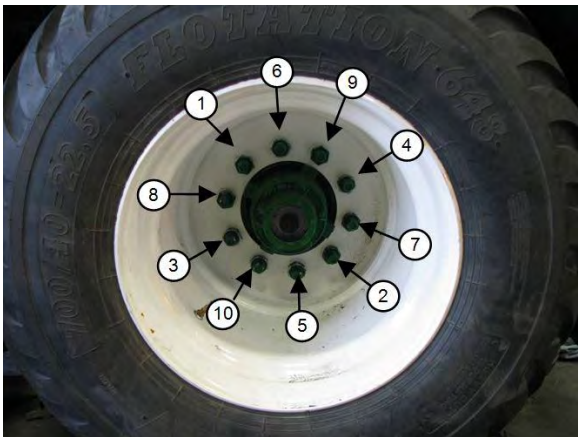
SAFETY INSTRUCTIONS TIGHTENING WHEEL HARDWARE

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 475 lb-ft of dry torque
in the sequence shown.

| Tire Size | Wheel Size | Tire Pressure |
|-------------|------------|---------------|
| 700/40-22.5 | 22.5 x 16 | 65 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.



SAFETY
INSTRUCTIONS**OPERATING THE BEATER**

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.

SAFETY
INSTRUCTIONS**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)



ATTACHING THE SPREADER

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. or 2 in. pin and secure. Top clevis required.

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

2. Lock safety hook onto chain.



SAFETY INSTRUCTIONS CONNECTING AIR HOSES (AIR ASSIST BRAKES)

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



SAFETY INSTRUCTIONS CONNECTING HOSES (HYDRAULIC BRAKES)

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)

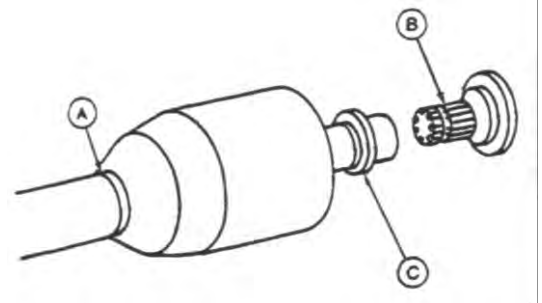


SAFETY INSTRUCTIONS ATTACHING DRIVELINE

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.



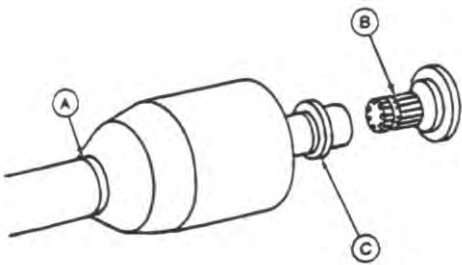
DETACHING THE SPREADER



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



SAFETY INSTRUCTIONS

DETACHING DRIVELINE

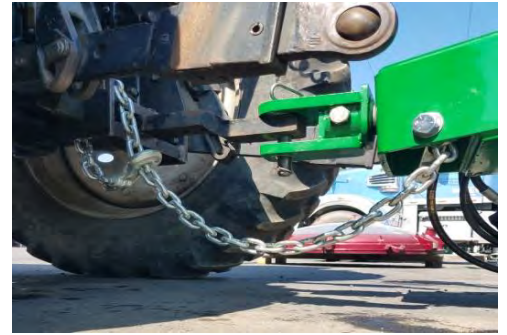
1. Support driveline (A) and pull rearward on collar (C) to release driveline from tractor PTO (B).
2. When possible store driveline in driveline cradle provided with machine.
3. Replace tractor PTO shields.

TRANSPORT

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.



NOTICE**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 struck level consisting of manure with high liquid content.*

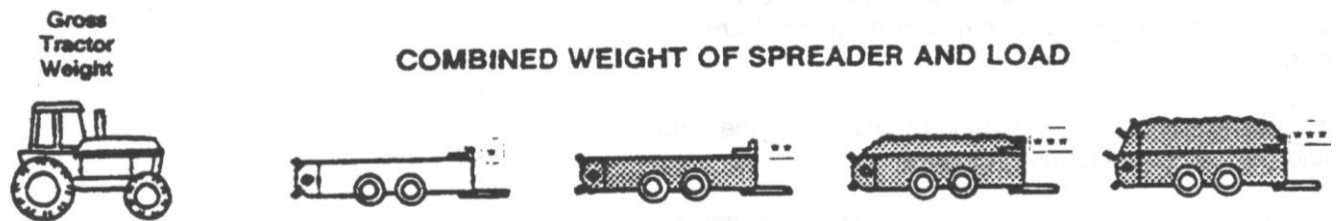
Calculated at 70 lb/cu ft

****Load piled 381 mm (15 in.) above beater consisting of semi-solid type manure*

Calculated at 55 lb/cu ft

*****Load piled at 15 in. above optional upper beater consisting of semi-solid type manure.*

Calculated at 55 lb/cu ft



OPERATING THE SPREADER

SAFETY INSTRUCTIONS

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.



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.



SAFETY INSTRUCTIONS 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.



NOTICE WARMING HYDRAULIC OIL TEMPERATURES BELOW 0°F (-18°C)

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.

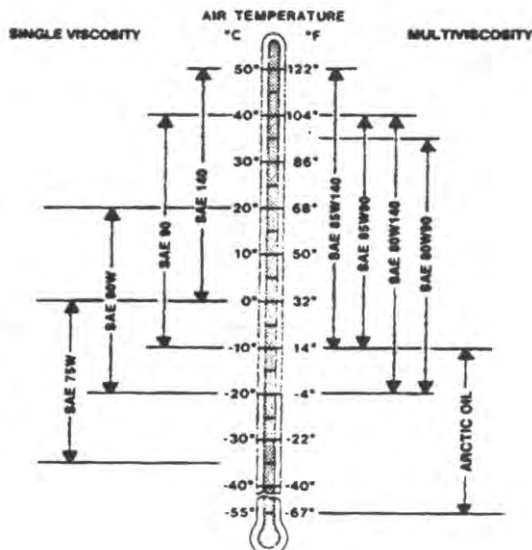
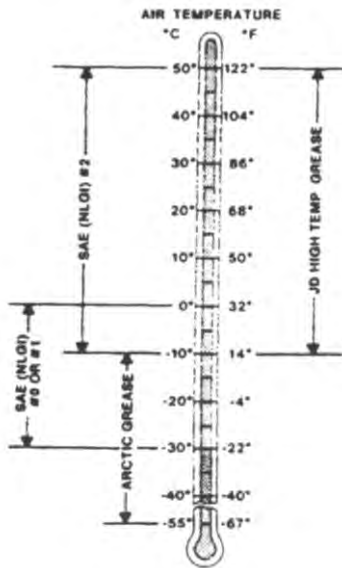
Moly-type grease is recommended, however, if not available, multipurpose grease is acceptable.

NOTICE SELECTING GEAR CASE OIL

Depending upon the expected air temperature range during the drain interval, 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.



LUBRICATION AND MAINTENANCE

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

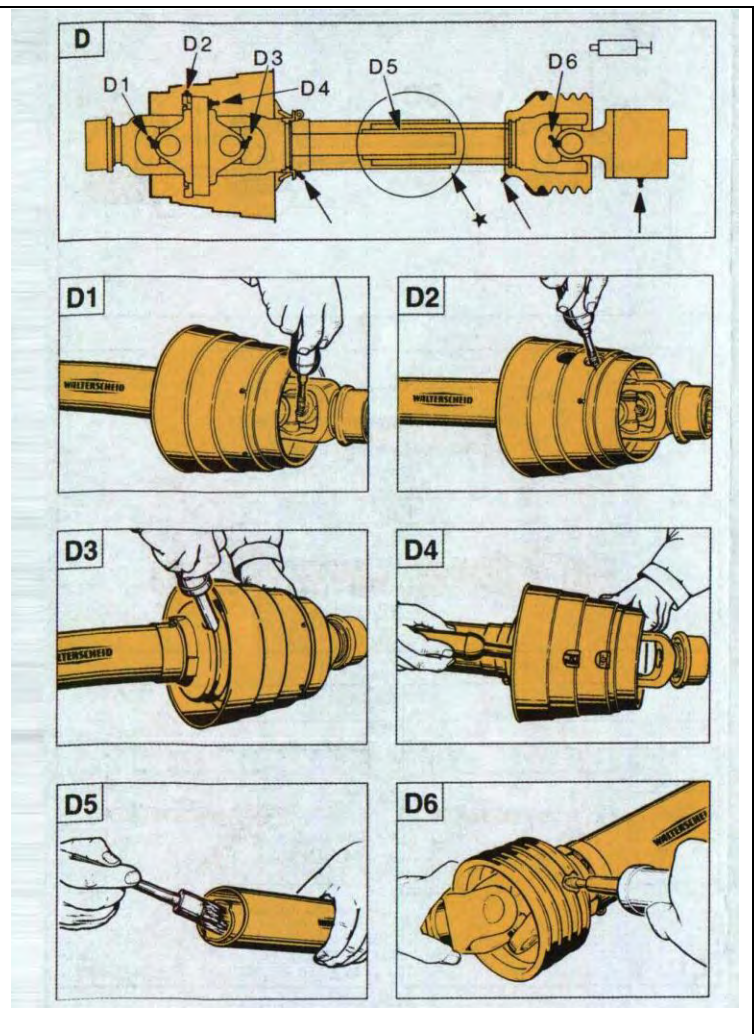
In addition to the above referenced information, you are working with a central lube CV design on the primary that contains a special lubrication provision that needs to be well defined for the user so that extended life on the CV can be achieved.

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.

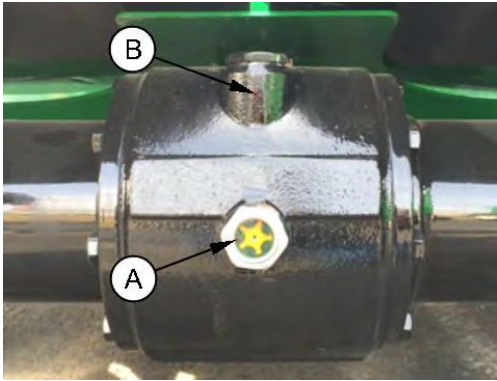
Primary Driveline (to Tractor) Lubricate fittings D1 through D6 every eight hours of operation.

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



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

LUBRICATION AND MAINTENANCE



NOTICE

CHECK GEAR CASE OIL LEVEL

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

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

NOTICE

GREASE TOP BEATER BEARINGS

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.

| <u>Tire Size</u> | <u>Wheel Size</u> | <u>Tire Pressure</u> |
|------------------|-------------------|----------------------|
| 700/40-22.5 | 22.5 x 16 | 65 psi |

LUBRICATION AND MAINTENANCE

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

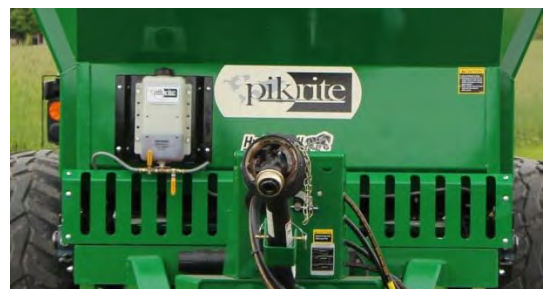
Operating the spreader with loose wheel hardware will damage the hub or wheel. Tighten hardware after initial transport, after one hour of operation, and every fifty hours thereafter.

Tighten to 475 lb.-ft. in the sequence shown.



NOTICE LUBRICATE CHAIN DRIVE

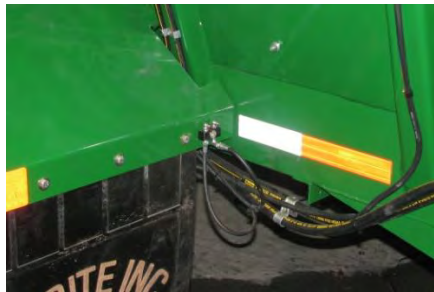
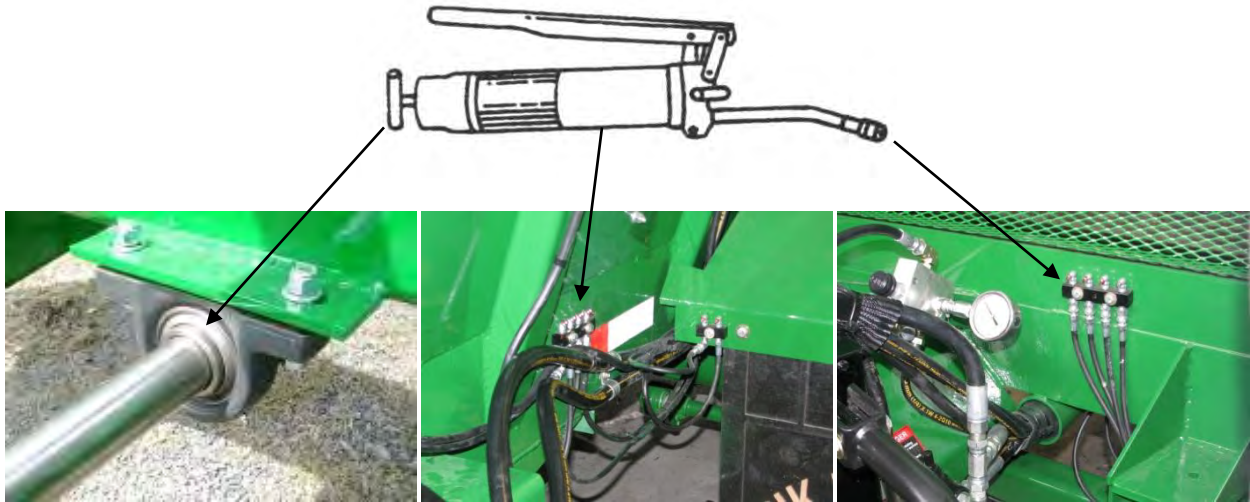
Before long periods of storage, always oil the chain. Run the chain with both ball valves fully open for 5 minutes. Approximately usage will be a quart of oil every lubrication cycle



LUBRICATE THE SIX PILLOW BLOCKS

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

Lubricate grease fitting with Moly High Temperature/Extreme Pressure Grease



LUBRICATE WALKING BEAMS

Using grease banks attached to the rear fenders (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



LUBRICATE HITCH

Every 40 hours

SPECIFICATIONS

TRACTOR SIZE

Minimum recommended 200 hp PTO

WEIGHT

Spreader, Complete with Implement tires
And all Attachments 26,500 lb

LOAD CAPACITY 1100 bu / 30 tons

VOLUME CAPACITY

Struck Level 890 cu. ft.
Heaped Load 1370 cu. ft.

BEATER SPEED 420 rpm

UNLOADING SPEED
Infinitely Variable 0-15.21 ft/min

DRIVELINE
Shielded 1000 rpm

SPECIFICATIONS AND DESIGN SUBJECT TO CHANGE WITHOUT NOTICE

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

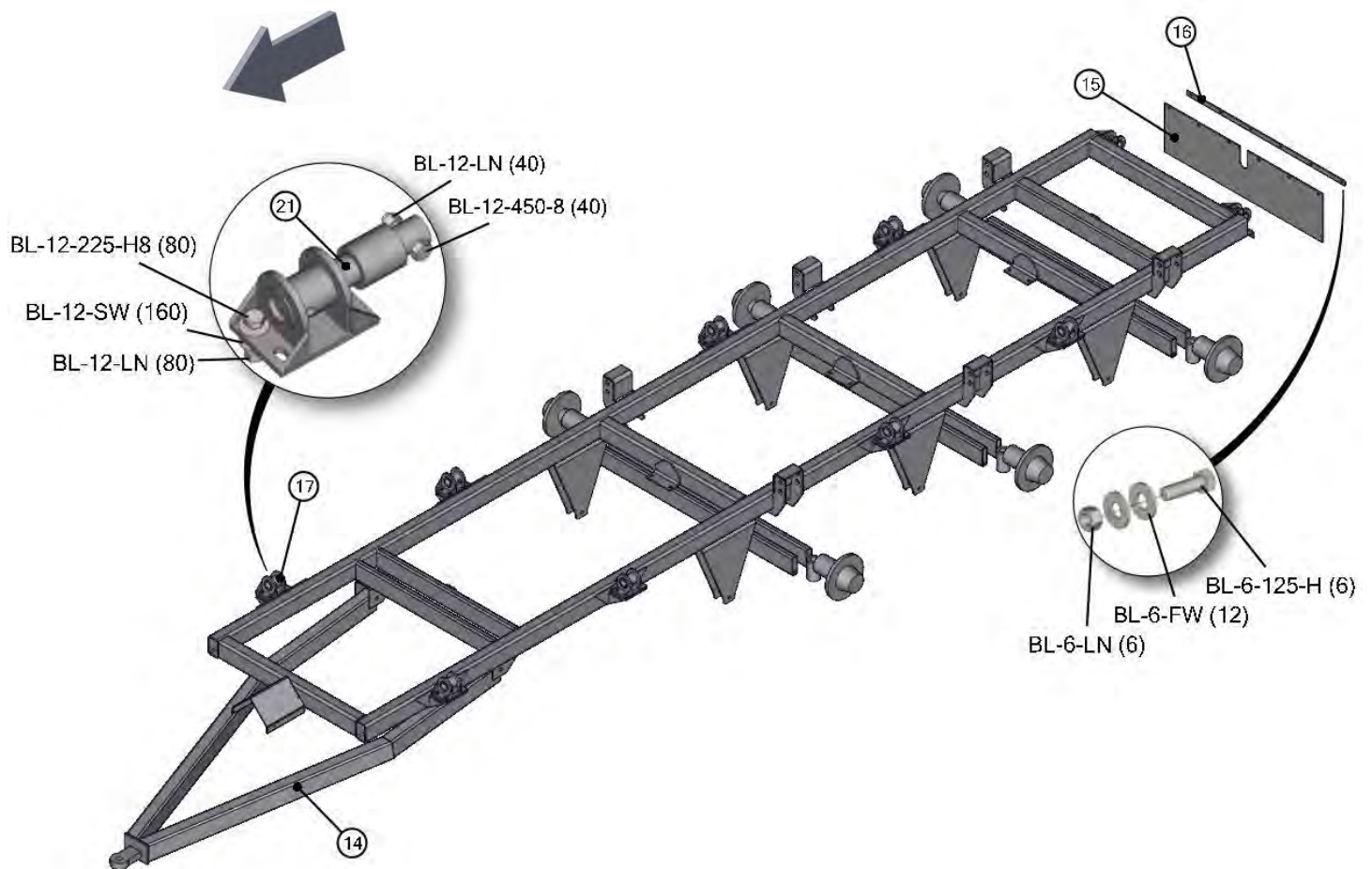
| REF NO. | DESCRIPTION |
|---------|--|
| 000-099 | PARTS USED FOR ASSEMBLY |
| 100-199 | BOLTS AND FASTENERS |
| 200-299 | ELECTRICAL COMPONENTS |
| 800-899 | REPLACEMENT PARTS (USED TO REPAIR ASSEMBLIES) |

74120-1-01 MAIN FRAME, GEA CHASSIS & FLOOR

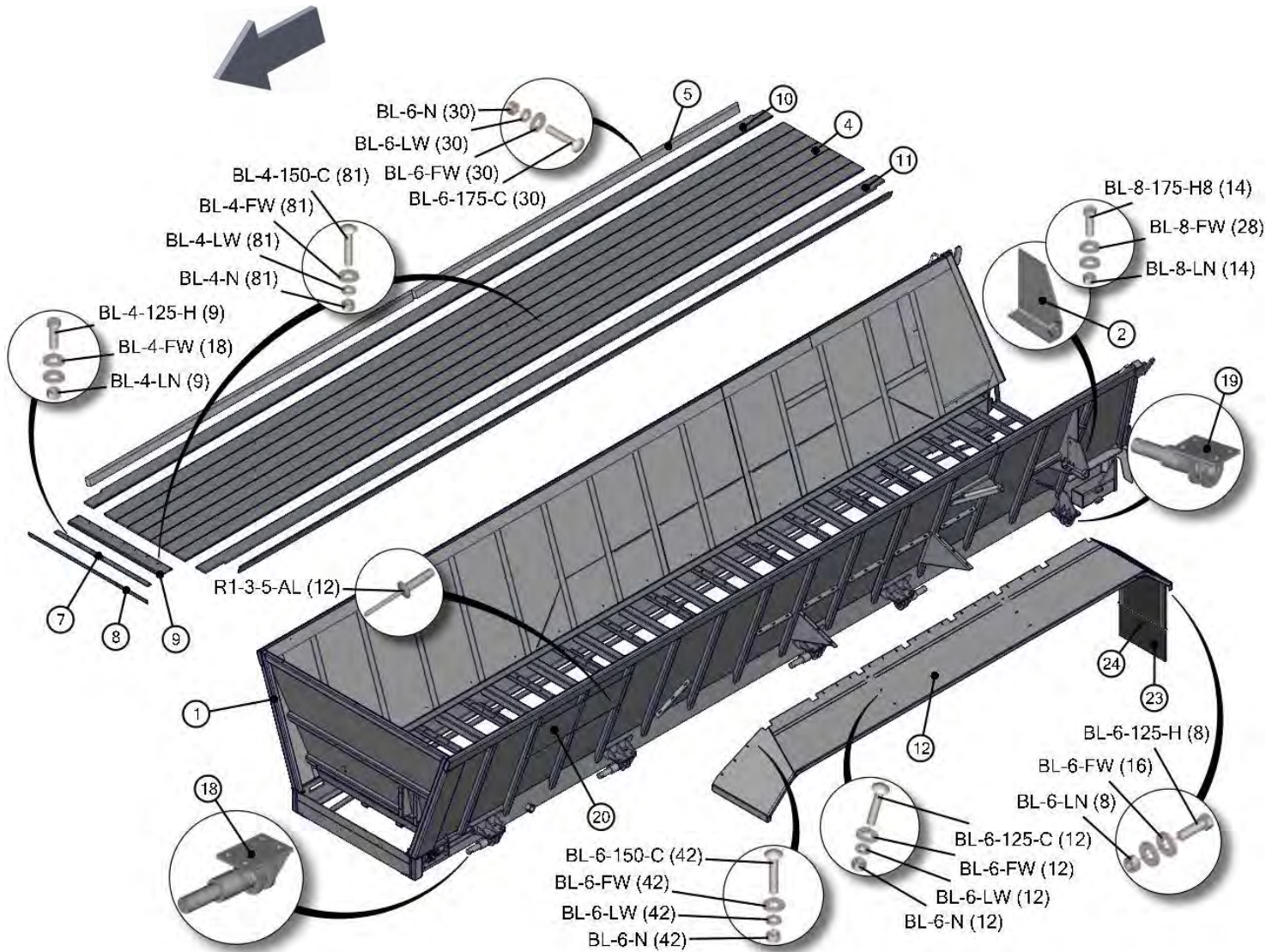
| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|------------|---|-----|-------------|---------|
| 1 | PR64000 | Main Frame, 1100 | 1 | | |
| 2 | PR60023 | Bracket, LH, End Gate Mount | 1 | | |
| 3 | PR60024 | Bracket, RH, End Gate Mount | 1 | | |
| 4 | PR64001 | Polyboard, .75 x 354 | 7 | | |
| 5 | PR64002 | Bottom Bumper Rail, HP1100 | 4 | | |
| 7 | PR60018 | Belting | 1 | | |
| 8 | PR60019 | Flat Bar | 1 | | |
| 9 | PR60063 | End Cap, Poly Board | 1 | | |
| 10 | PR64005 | Polyboard, RH x 354 | 1 | | |
| 11 | PR64004 | Polyboard, LH x 354 | 1 | | |
| 12 | PR64022 | HP1100 Fender, LH | 1 | | |
| 13 | PR64023 | HP1100 Fender, RH | 1 | | |
| 14 | PR64008 | Chassis Cross Member | 1 | | |
| 15 | PR60045 | Belting, Lower Rear Deflector Belt | 1 | | |
| 16 | PR60046 | Bar, Deflector Belt Backing Bar | 1 | | |
| 17 | PR64014 | 2.125" Weight Scale Mount, Chassis | 8 | | |
| 18 | PR64016 | 2.125" Weight Scale Mount, Main Frame | 8 | | |
| 19 | PR64018 | Load Cell Mount | 2 | | |
| 20 | PR60043 | Decal Plate, Angled, Side | 2 | | |
| 21 | SWS-1016 | Load Cell 2-1/8" | 10 | | |
| 22 | RI-3-5-AL | Aluminum/Steel Blind Rivet w/Drill Bit, 3/16" , .375 - .500 Grip Range | 12 | | |
| 23 | MF-9309 | 24" X 36" Mudflaps | 1 | | |
| 24 | MF-9306 | Mudflap Anti Sail Bracket @ Pair | 1 | | |
| 101 | BL-6-175-C | 3/8-16 X 1-3/4 CARRIAGE BOLT G5 ZC | 30 | | |
| 102 | BL-6-SW | 3/8 SAE FW ZC | 30 | | |
| 103 | BL-6-LW | 3/8 SPLIT LW ZC | 114 | | |
| 104 | BL-6-N | 3/8-16 HEX NUT ZC | 84 | | |
| 105 | BL-6-125-C | 3/8-16 X 1-1/4 CARRIAGE BOLT G5 ZC | 42 | | |
| 106 | BL-6-125-H | 3/8-16 X 1-1/4 HHCS G5 ZC | 8 | | |
| 107 | BL-6-LN | 3/8-16 FIN H LN NE A563 GA ZC | 8 | | |
| 108 | BL-6-FW | 3/8 USS FW ZC | 70 | | |
| 109 | BL-6-100-C | 3/8-16 X 1 CARRIAGE BOLT G5 ZC | 12 | | |
| 110 | BL-4-FW | 1/4 USS FW ZC | 144 | | |
| 111 | BL-4-150-C | 1/4-20 X 1-1/2 CARRIAGE BOLT G5 ZC | 135 | | |
| 112 | BL-4-225-C | 1/4-20 X 2-1/4 CARRIAGE BOLT G5 ZC | 9 | | |
| 113 | BL-4-LW | 1/4 SPLIT LW ZC | 114 | | |
| 114 | BL-4-N | 1/4-20 HEX FIN NUT ZC | 143 | | |
| 115 | BL-5-FW | 5/16 USS FW ZC | 12 | | |
| 116 | BL-5-LN | 5/16-18 HEX LN NE ZC | 6 | | |
| 117 | BL-5-125-H | 5/16-18 X 1-1/4 HEX CAP G5 ZC | 6 | | |

74120-1-01 MAIN FRAME, GEA CHASSIS & FLOOR

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|-------------|-------------------------------|-----|-------------|---------|
| 118 | BL-8-FW | 1/2 USS FW ZC | 28 | | |
| 119 | BL-8-175-H8 | 1/2 X 1-3/4 HH G8 | 14 | | |
| 120 | BL-8-LN | 1/2-13 LN NYLON INSERT ZC | 14 | | |
| 121 | BL-12-200-8 | 3/4-10 X 2 HH C/S G8 ZC | 80 | | |
| 122 | BL-12-FW-8 | 3/4 FW G8 | 80 | | |
| 123 | BL-12-LN-8 | 3/4-10 LN w/ NYLON INSERTS G8 | 100 | | |
| 124 | BL-12-400-8 | 3/4 x 4", HH C/S G8 ZC | 20 | | |

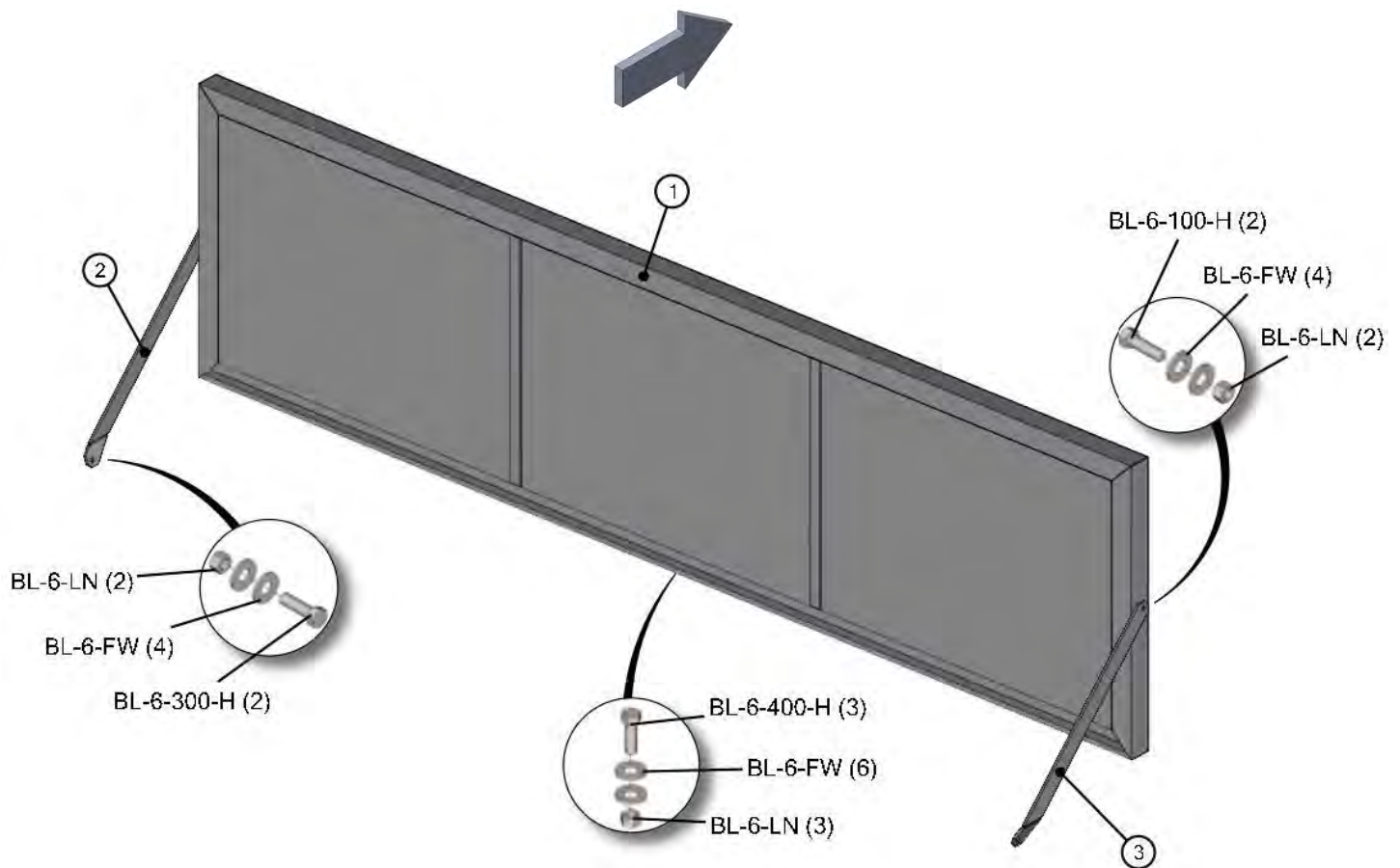


74120-1-01 MAIN FRAME, GEA CHASSIS & FLOOR



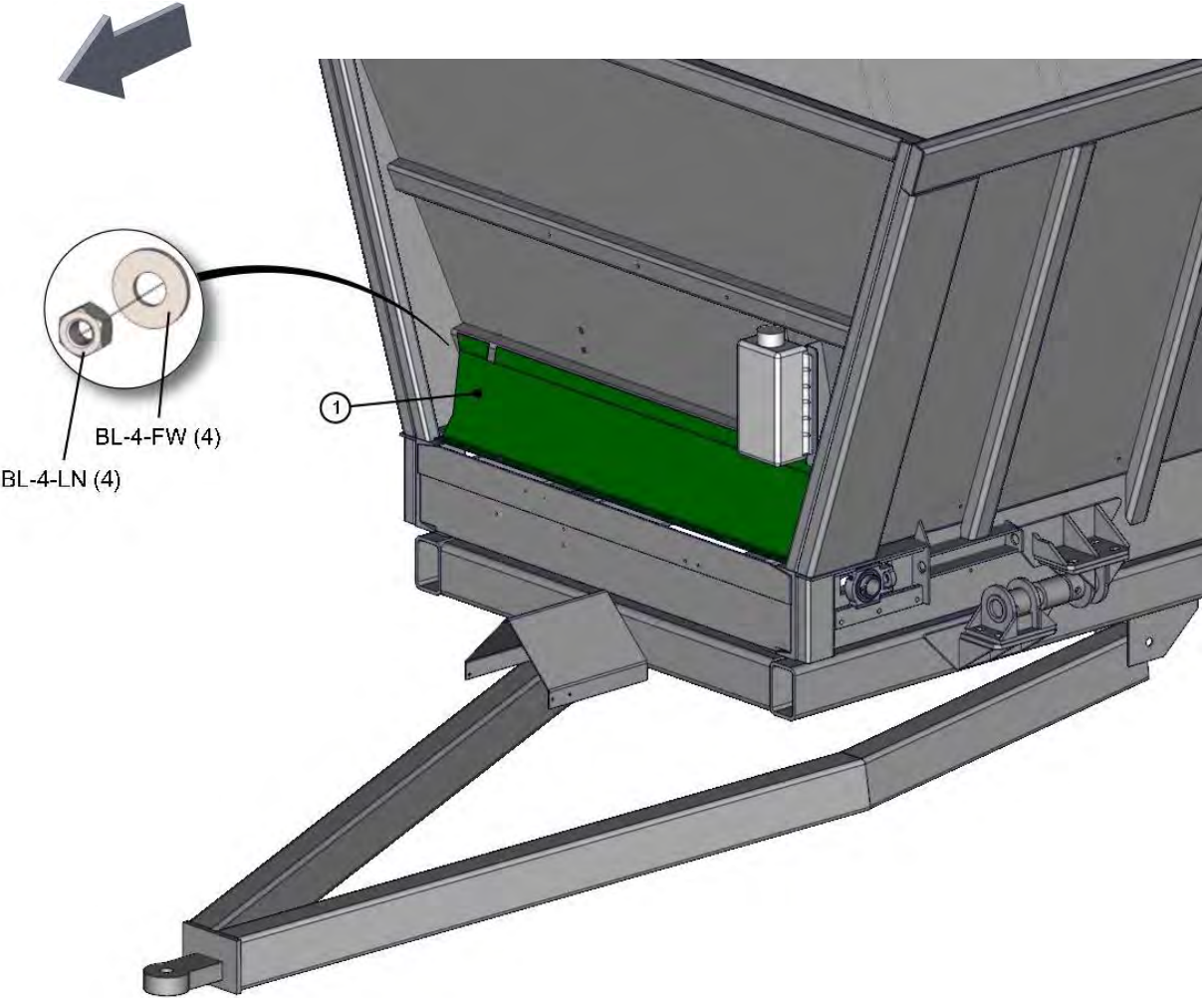
74115-1-02 STONE GUARD

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|------------|-------------------------------|-----|-------------|---------|
| 1 | PR39170 | Screen, Rock Shield | 1 | | |
| 2 | PR39171 | Support, Rock Guard, RH | 1 | | |
| 3 | PR39172 | Support, Rock Guard, LH | 1 | | |
| 101 | BL-6-FW | 3/8 USS FW ZC | 14 | | |
| 102 | BL-6-400-H | 3/8-16 X 4 HEX CAP G5 ZC | 3 | | |
| 103 | BL-6-LN | 3/8-16 FIN H LN NE A563 GA ZC | 7 | | |
| 104 | BL-6-100-H | 3/8-16 X 1 HH C/S BOLT G5 ZC | 2 | | |
| 105 | BL-6-300-H | 3/8-16 X 3 HH C/S BOLT G5 ZC | 2 | | |



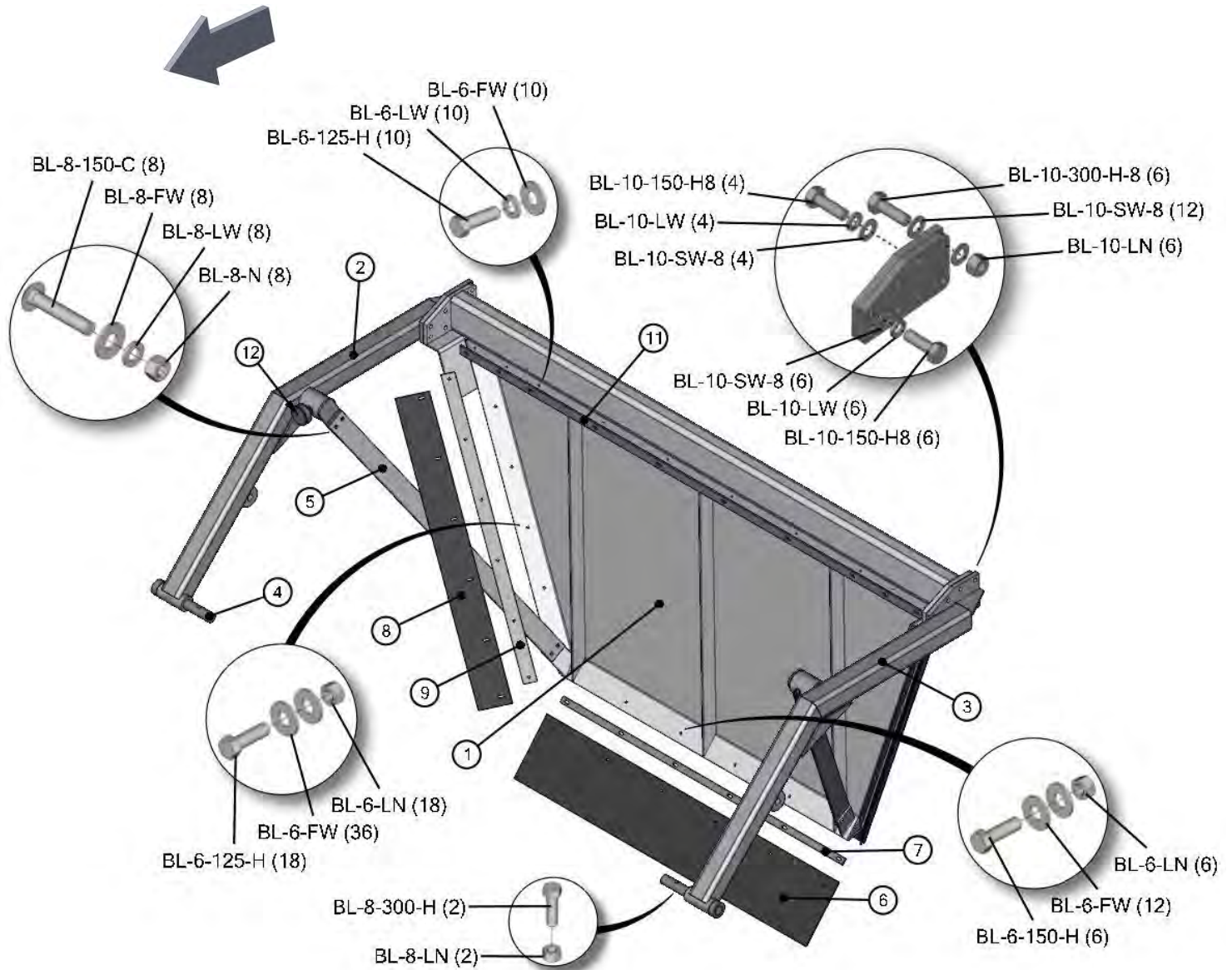
74120-1-03 FRONT SHIELD

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|---------|---------------------|-----|-------------|---------|
| 1 | PR60001 | Front Spocket Cover | 1 | | |
| 100 | BL-4-FW | 1/4 USS FW ZC | 4 | | |
| 101 | BL-4-LN | 1/4-20 HEX LN NE ZC | 4 | | |



74115-1-05 ENDGATE

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|--------------|---|-----|-------------|---------|
| 1 | PR60047 | Endgate | 1 | | |
| 2 | PR60048 | Endgate, Arm RH | 1 | | |
| 3 | PR60049 | Endgate, Arm LH | 1 | | |
| 4 | PR60015 | End Gate Pin | 2 | | |
| 5 | PR60061 | Flat Bar | 2 | | |
| 6 | PR60013 | Belting, Bottom, End Gate | 1 | | |
| 7 | PR60014 | Flat Bar, Backing, Bottom, End Gate | 1 | | |
| 8 | PR60050 | Belting, End Gate | 2 | | |
| 9 | PR60051 | Backing Bar, End Gate | 2 | | |
| 10 | PR60011 | Belting, End Gate Flap | 1 | | |
| 11 | PR60012 | Flat Bar, Backing, End Gate Flap | 1 | | |
| 12 | STP-0020 | Swivel Leveling Mount, Standoff. 2500lbs. | 2 | | |
| 100 | BL-6-125-H | 3/8-16 X 1-1/4 HHCS G5 ZC | 28 | | |
| 101 | BL-6-150-H | 3/8-16 X 1-1/2 HEX CAP G5 ZC | 6 | | |
| 102 | BL-6-FW | 3/8 USS FW ZC | 58 | | |
| 103 | BL-6-LW | 3/8 SPLIT LW ZC | 10 | | |
| 104 | BL-6-LN | 3/8-16 FIN H LN NE A563 GA ZC | 24 | | |
| 105 | BL-8-150-C | 1/2-13 X 1-1/2 CARRIAGE BOLT G5 ZC | 8 | | |
| 106 | BL-8-300-H | 1/2-13 X 3 HH C/S G5 ZC | 2 | | |
| 107 | BL-8-FW | 1/2 USS FW ZC | 8 | | |
| 108 | BL-8-LW | 1/2 SPLIT LW ZC | 8 | | |
| 109 | BL-8-N | 1/2-13 HEX FIN NUTS ZC | 8 | | |
| 110 | BL-8-LN | 1/2-13 LN NYLON INSERT ZC | 2 | | |
| 111 | BL-10-150-H8 | 5/8-11 X 1 1/2 HEX CAP G8 ZC | 10 | | |
| 112 | BL-10-300-H | 5/8-11 X 3 HEX CAP G5 ZC | 6 | | |
| 113 | BL-10-LW | 5/8 SPLIT LW ZC | 10 | | |
| 114 | BL-10-SW-8 | 5/8 SAE FW G8 | 22 | | |
| 115 | BL-10-LN | 5/8-11 HEX LN NE ZC | 6 | | |



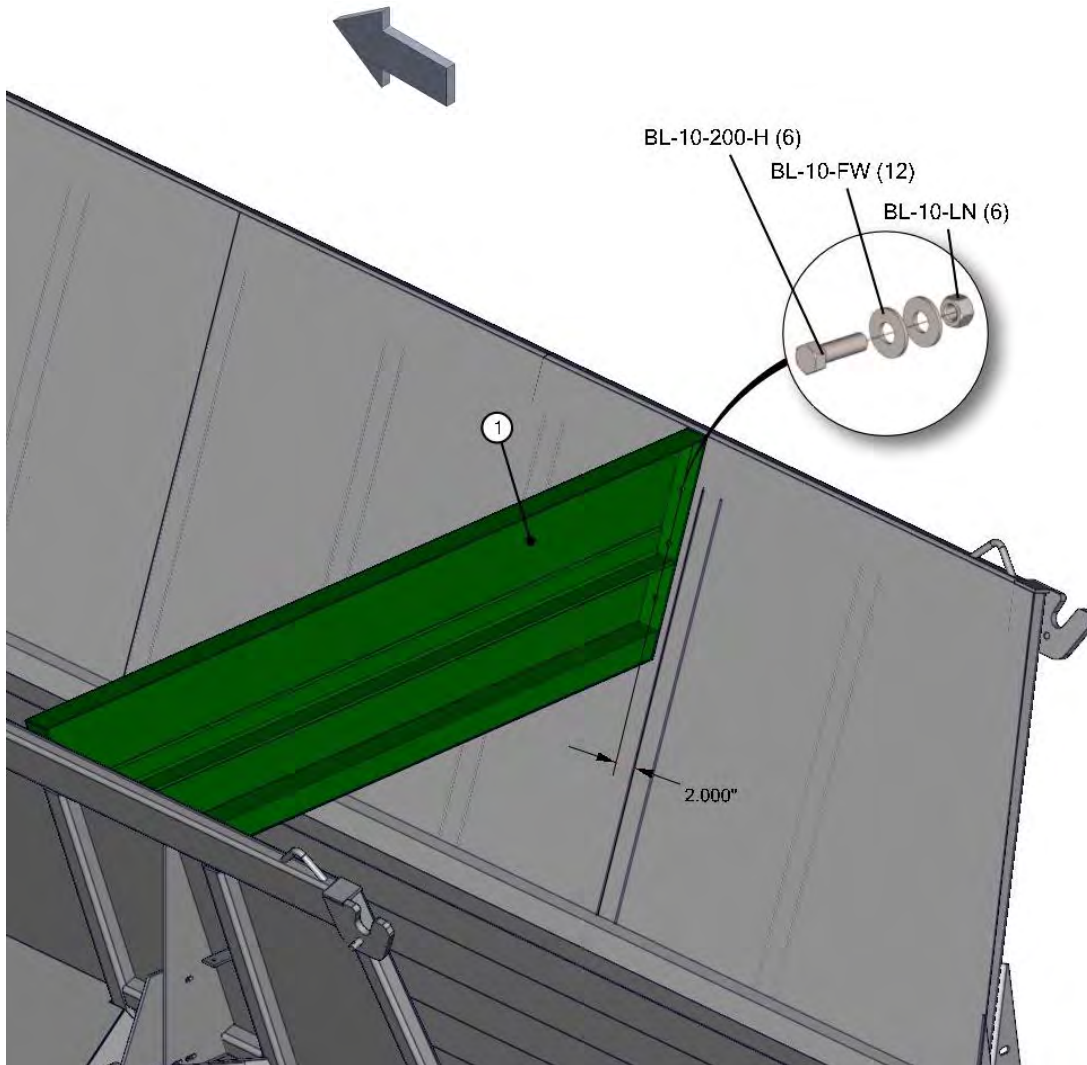
74115-1-08 WHEELS & TIRES

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|----------|--------------------------|-----|-------------|---------|
| 1 | WHM-3900 | Mounted Assembly, 28LR26 | 6 | | |



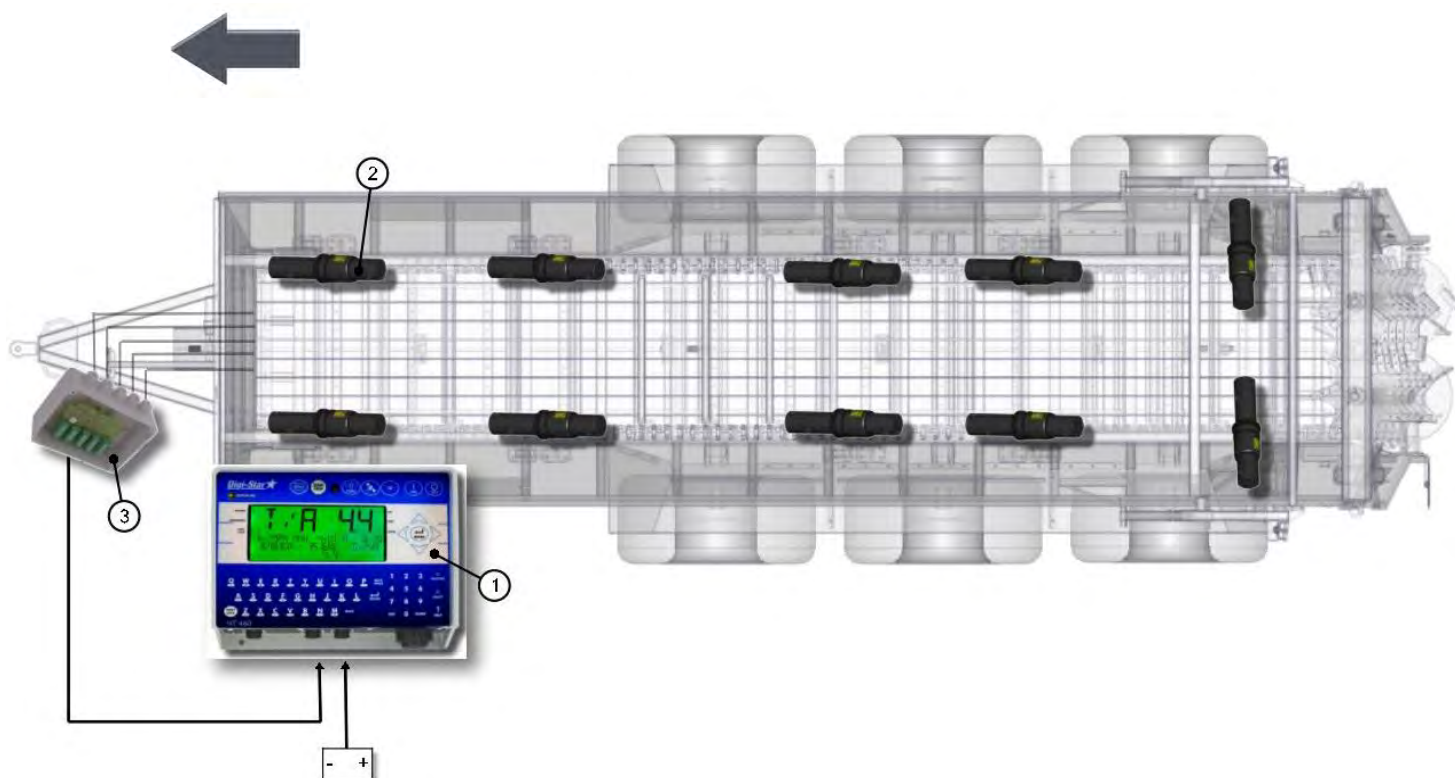
74115-1-09 OPTIONAL METERING SHIELD

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|-------------|--------------------------|-----|-------------|---------|
| 1 | PR60039 | Metering Shield | 1 | | |
| 100 | BL-10-200-H | 5/8-11 X 2 HEX CAP G5 ZC | 6 | | |
| 101 | BL-10-FW | 5/8 USS FW ZC | 12 | | |
| 102 | BL-10-LN | 5/8-11 HEX LN NE ZC | 6 | | |



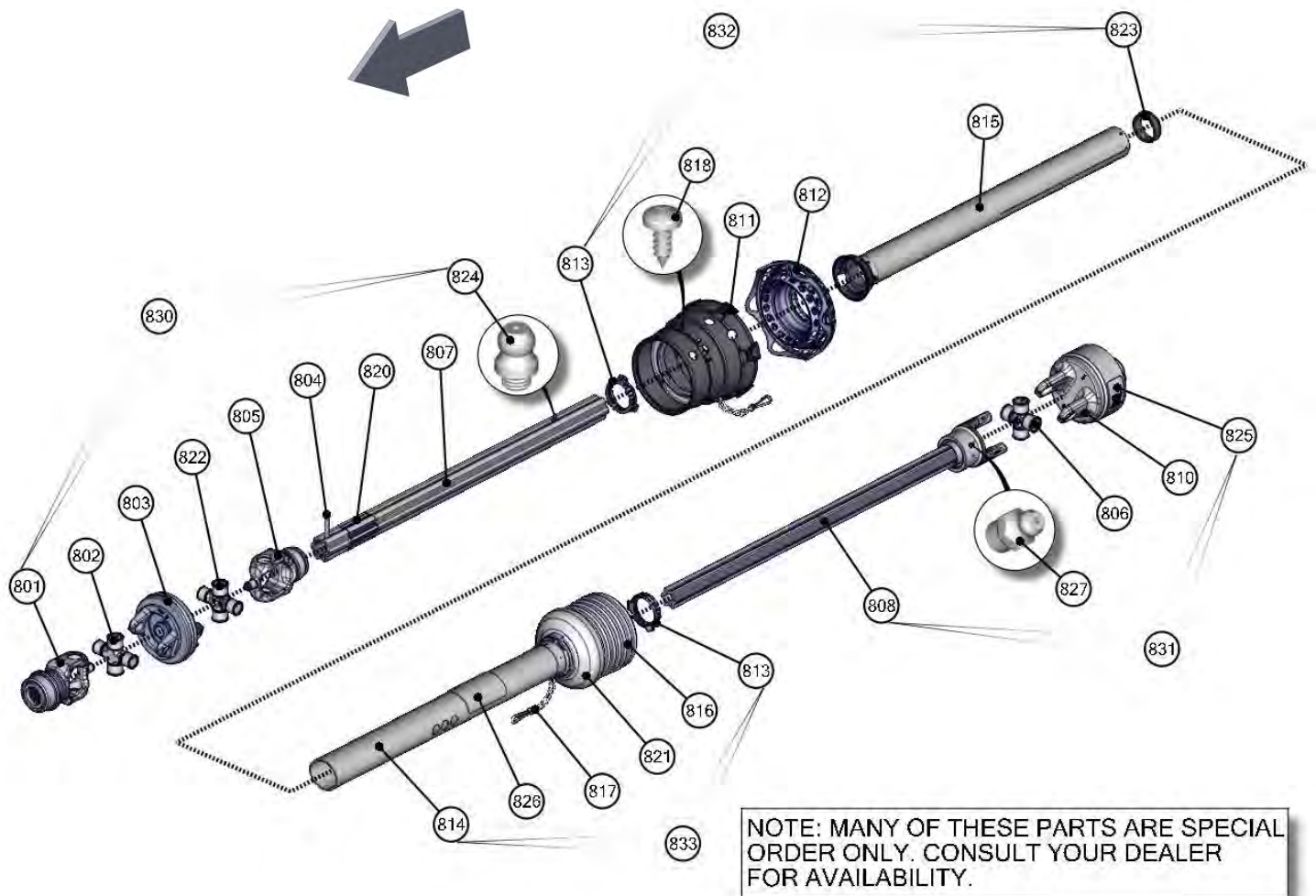
74120-1-10 OPTIONAL WEIGHT SCALE SYSTEM, NT460

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|--------------|--|-----|-------------|---------|
| 1 | SWS-4604-003 | Indicator, W/AutoLog, NT560 | 1 | | |
| 2 | SWS-1016 | Load Cell, 2 1/8" | 10 | | |
| 3 | SWS-4608-002 | Junction Block, 9-Port EZ-Mate | 1 | | |
| 4 | SWS-4608-003 | Cable, EZ-Mate, AMP 30' Length | 1 | | |
| 5 | SWS-4604-006 | Rail Mount, Monitor Mount | 1 | | |
| 6 | SWS-403780 | Indicator Mount, NT460, Bracket - SCR-#10 x 5/8 FHSTS Black ZP | 1 | | |
| 7 | SWS-404353 | Indicator Mount, NT460, Bracket - EZ3 Plastic Rail | 1 | | |
| 800 | SWS-4608-001 | Load Cell, 2.125 DB-30, EZ-Mate | 0 | | |



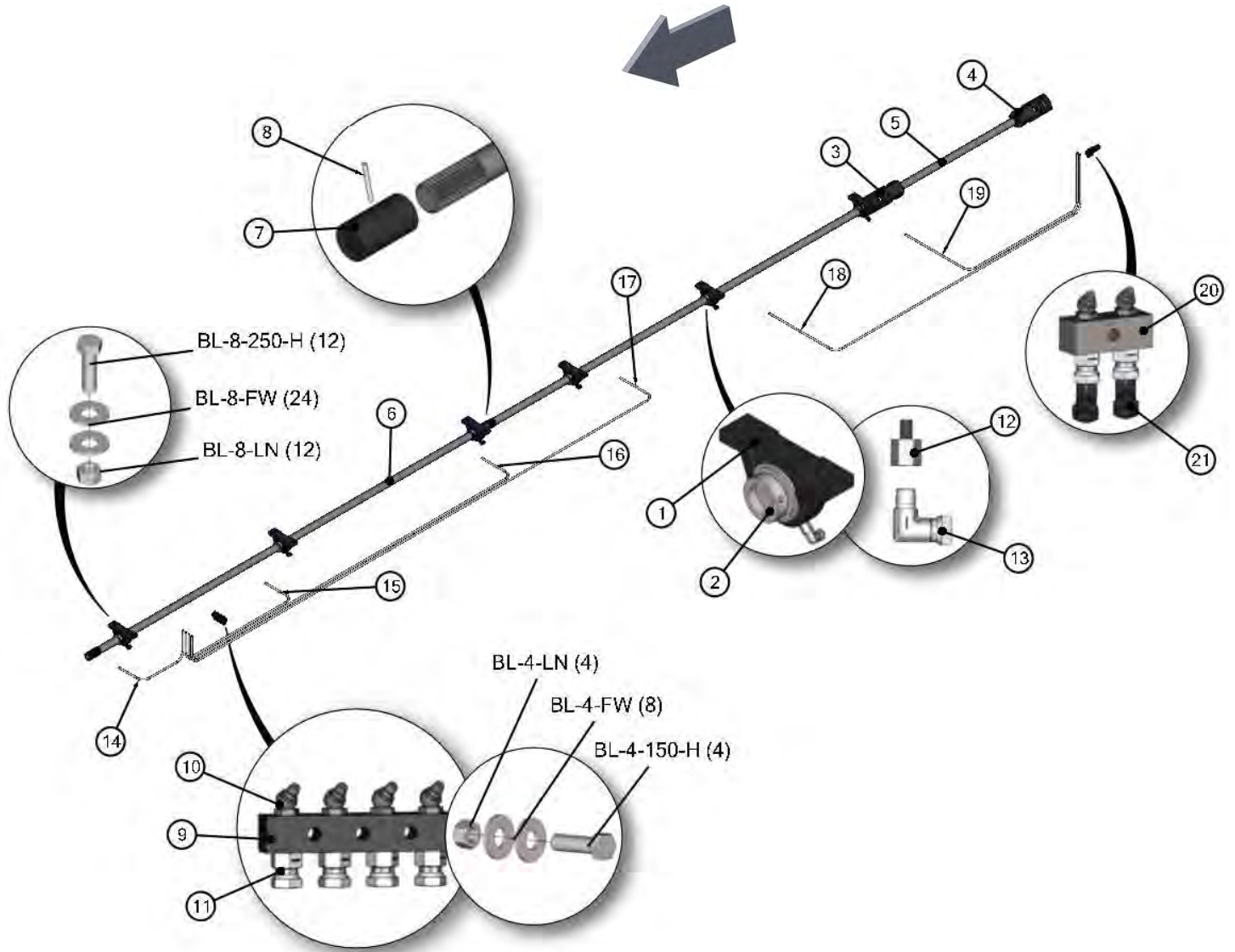
74115-2-01 DRIVELINE, 1000 RPM

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|------------|---|-----|-------------------------|-----------------------------|
| 1 | PTS-1021 | Driveline, 1-3/4-20 Spline, PWE580 HD Shaft | 1 | Replaces PTS-1020 | Rev b starts with -74015006 |
| 801 | PTS-1021A | Yoke, 1-3/4"-20 Spl. ASG | 1 | | Special Order Only |
| 802 | PTS-1021B | Cross & Bearing Kit | 1 | | Special Order Only |
| 803 | PTS-1005B | Double Yoke | 1 | | Special Order Only |
| 804 | PTB-1014C | Spring Pin 10 X 75 | 1 | | Special Order Only |
| 805 | PTS-1021C | Inboard Yoke S5 | 1 | | Special Order Only |
| 806 | PTS-4001B | Extended Lube Cross & Bearing Kit | 1 | Walterscheid Yokes | Special Order Only |
| 807 | PTS-1021J | Outer Profile S5GL | 1 | | Special Order Only |
| 808 | PTS-1021D | Overrunning Clutch & S4LGA Profile Assy | 1 | | Special Order Only |
| 810 | PTS-1021E | Cut-Out Clutch | 1 | | Special Order Only |
| 811 | PTS-1021K | CV Guard & Bearing Assy | 1 | Replaced with PTS-1005K | Special Order Only |
| 812 | PTS-1015M | Flex Net & Guard Assy | 1 | | |
| 813 | PTS-1002J | PTO Shield Bearing Ring | 2 | | Special Order Only |
| 814 | PTS-1021M | Guard Tube Outer | 1 | | Special Order Only |
| 815 | PTS-1021N | Gurad Tube Inner | 1 | | Special Order Only |
| 816 | PTS-1021F | Guard Cone 9 Rib | 1 | | Special Order Only |
| 817 | PTS-1002K | PTO Shield Safety Chain | 1 | | Special Order Only |
| 818 | PTS-1010K | Screw | 8 | | Special Order Only |
| 819 | PTS-1010L | Decal, Outer | 1 | | Special Order Only |
| 820 | PTS-1010M | Decal, Inner | 1 | | Special Order Only |
| 821 | PTB-8100D | Reinforcing Collar | 1 | | Special Order Only |
| 822 | PTS-1021G | Cross & Bearing Kit | 1 | | Special Order Only |
| 823 | PTS-1021H | Support Bearing | 1 | | Special Order Only |
| 824 | PTB-1014L | Zerk | 1 | | Special Order Only |
| 825 | PTS-1009J | Decal | 1 | | Special Order Only |
| 826 | PTS-1021P | Lubrication Decal | 1 | Replaced with PTS-1008Q | Special Order Only |
| 827 | PTS-1008C | Zerk, Double Yoke | 1 | | Special Order Only |
| 830 | PTS-1021FH | Front Half Shaft, PTS-1021 | 1 | | Special Order Only |
| 831 | PTS-1021RH | Rear Half Shaft, PTS-1021 | 1 | | Special Order Only |
| 832 | PTS-1021FS | Inner Guard Kit | 1 | | Special Order Only |
| 833 | PTS-1021RS | Outer Guard Kit | 1 | | Special Order Only |
| 834 | PTS-1008R | ASG Collar Kit | 1 | | Special Order Only |
| 835 | PTS-1009K | CC Lock Assembly | 1 | | Special Order Only |



74115-2-02 MAIN DRIVE SHAFT

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|----------------|---|-----|-------------|---------|
| 1 | BR-100-RAK | Bearing Housing 100 mm | 6 | 11001 | |
| 2 | BR-175-100 | Heavy Duty 1 3/4" Bearing | 6 | | |
| 3 | PTS-1018 | Yoke Assembly 1-3/4-20 1Slip,1 Lock | 1 | | |
| 4 | PTS-1019 | Yoke Assembly, 1-3/4-20,1-3/4-6 Both Lock | 1 | | |
| 5 | PR60401 | Rear Drive Shaft | 1 | | |
| 6 | PR64009 | Main Drive Shaft | 2 | | |
| 7 | PR60404 | Coupler, 1.75 x 20 Spline, 12/24 Pitch, P.A. 30 | 1 | | |
| 8 | PIN-4-36 | Roll Pin 1/4 x 2.25 | 1 | | |
| 9 | GF-4-4 | 4" Grease Manifold | 2 | | |
| 10 | GF-1827-45 | Grease Fitting 1/8 NPT 45 | 6 | | |
| 11 | A-1404-2-2 | 1/8 MP x 1/8 FPX | 6 | | |
| 12 | GFA-51942 | 1/4-28 Straight Adapter | 6 | | |
| 13 | A-1501-2-2 | 1/8 MP x 1/8 FPX90 | 6 | | |
| 14 | H2-22-2MP-2MP | 1/8 in Hose 1/8MP x 1/8MP x 22in | 1 | | |
| 15 | H2-107-2MP-2MP | 1/8 Hose x 1/8MP x 1/8MP 107 L | 1 | | |
| 16 | H2-201-2MP-2MP | 18in Grease Hose, 1/8MP X 1/8MP X 201in Long | 1 | | |
| 17 | H2-267-2MP-2MP | 18in Grease Hose, 1/8MP X 1/8MP X 267in Long | 1 | | |
| 18 | H2-78-2MP-2MP | 1/8 in grease Hose 1/8MP x 1/8MP x 78in Long | 1 | | |
| 19 | H2-58-2MP-2MP | 1/8 in Hose 1/8MP x 1/8MP x 58 in Long | 1 | | |
| 20 | GF-2-2 | 2" Grease Manifold | 1 | | |
| 21 | A-1503-2-2 | 1/8 MP x 1/8 FPX 45 | 2 | | |
| 100 | BL-4-150-H | 1/4-20 X 1-1/2 HEX CAP G5 ZC | 4 | | |
| 101 | BL-4-FW | 1/4 USS FW ZC | 8 | | |
| 102 | BL-4-LN | 1/4-20 HEX LN NE ZC | 4 | | |
| 103 | BL-8-250-H | 1/2-13 X 2-1/2 HH C/S G5 ZC | 12 | | |
| 104 | BL-8-FW | 1/2 USS FW ZC | 24 | | |
| 105 | BL-8-LN | 1/2-13 LN NYLON INSERT ZC | 12 | | |

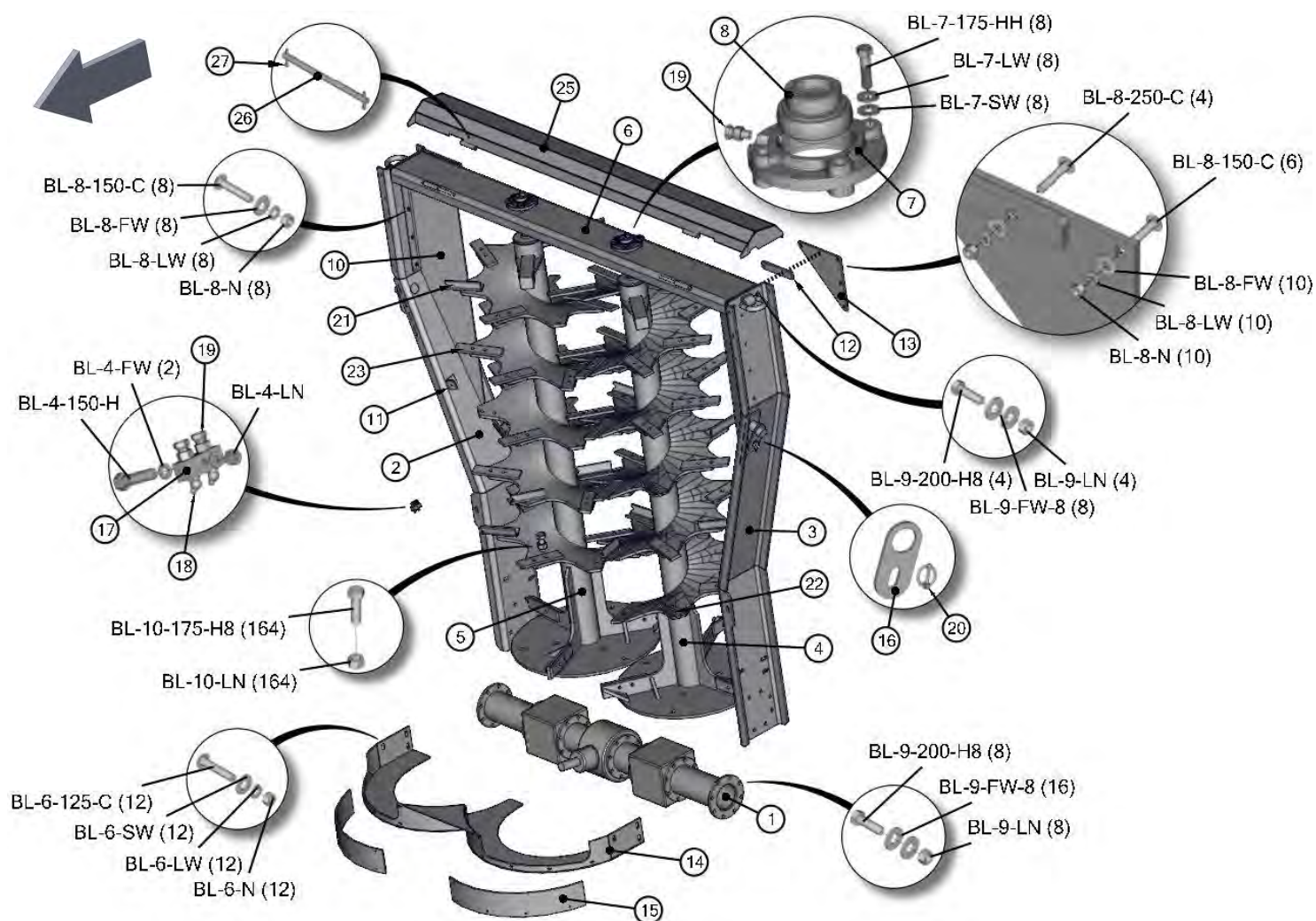


74115-2-03 VERTICAL BEATERS, QUICK DISCONNECT

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|--------------|--|-----|--|-------------------|
| 1 | VTB-1893-A1 | 1000 RPM Beater Gearbox | 1 | | |
| 2 | PR63500 | Beater Panel, RH, Remov Beaters | 1 | | |
| 3 | PR63501 | Beater Panel, LH, Remov Beaters | 1 | | |
| 4 | VTB-0040 | LH Beater, HD 15mm Flighting | 1 | 74015006- | Replaces VTB-0011 |
| 5 | VTB-0041 | RH Beater, HD 15mm Flighting | 1 | 74015006- | Replaces VTB-0012 |
| 6 | PR63502 | Top Bearing Plate, V-Box Spreader | 1 | | |
| 7 | BR-085-4PF | 85mm Four Bolt Piloted Flange Housing | 2 | | |
| 8 | BR-175-085-I | Bearing, 1 3/4 ID, TS | 2 | | |
| 9 | PR64011 | Beater Panel Wing, LH | 1 | | |
| 10 | PR64012 | Beater Panel Wing, RH | 1 | | |
| 11 | PR60058 | Tab, Beater Panel Wing | 2 | | |
| 12 | PR60060 | Top Plate Spacer | 2 | | |
| 13 | PR60059 | Top Gusset | 2 | | |
| 14 | PR63503 | Beater Pan, Removable Beaters (SN 74015002-) | 1 | S.N.74015002- | |
| 15 | PR63504 | Belting, Beater Pan | 2 | S.N. 74015002- | |
| 16 | PR63505 | Plate, Safety Lock, Remov Beaters | 2 | | |
| 17 | GF-2-2 | 2" Grease Manifold | 1 | | |
| 18 | GF-1827-45 | Grease Fitting 1/8 NPT 45 | 2 | | |
| 19 | A-1404-2-2 | 1/8 MP x 1/8 FPX | 4 | | |
| 20 | PIN-250L | 1/4 Lynch Pin | 2 | | |
| 21 | VTB-1899-B3 | Claw/Blade, Left Beater From Rear | 10 | | |
| 22 | VTB-1899-C3 | Claw/Blade, Right Beater From Rear | 10 | | |
| 23 | VTB-1899-F3 | Knife, Weight Specific | 56 | 1190VB: 71113001- 1180VB: 74015011- | |
| 24 | HP-1038 | Gear Lube, 80W90 @ Quart | 11 | Hydra Ram Spreader | |
| 25 | PR63506 | Top Bearing Cover | 1 | | |
| 26 | PR70133 | Hinge Pin, 1/2 x 9 | 2 | | |
| 27 | PIN-C2-16 | Cotter Pin, 1/8" x 1" | 4 | | |
| 100 | BL-10-175-H8 | 5/8-11 X 1-3/4 HH G8 ZC | 164 | | |
| 101 | BL-10-LN | 5/8-11 HEX LN NE ZC | 180 | | |
| 102 | BL-10-200-H8 | 5/8-11 X 2 HEX CAP G8 ZC | 12 | | |
| 103 | BL-10-SW-8 | 5/8 SAE FW G8 | 8 | | |
| 106 | BL-6-125-C | 3/8-16 X 1-1/4 CARRIAGE BOLT G5 ZC | 12 | | |
| 107 | BL-6-SW | 3/8 SAE FW ZC | 12 | | |
| 108 | BL-6-LW | 3/8 SPLIT LW ZC | 12 | | |
| 109 | BL-6-N | 3/8-16 HEX NUT ZC | 12 | | |
| 110 | BL-7-SW | 7/16 SAE FW ZC | 8 | | |
| 111 | BL-7-LW | 7/16 SPLIT LW ZC | 8 | | |
| 112 | BL-7-175-HH | 7/16-14 X 1-3/4 HH G5 ZC | 8 | | |

74115-2-03 VERTICAL BEATERS, QUICK DISCONNECT

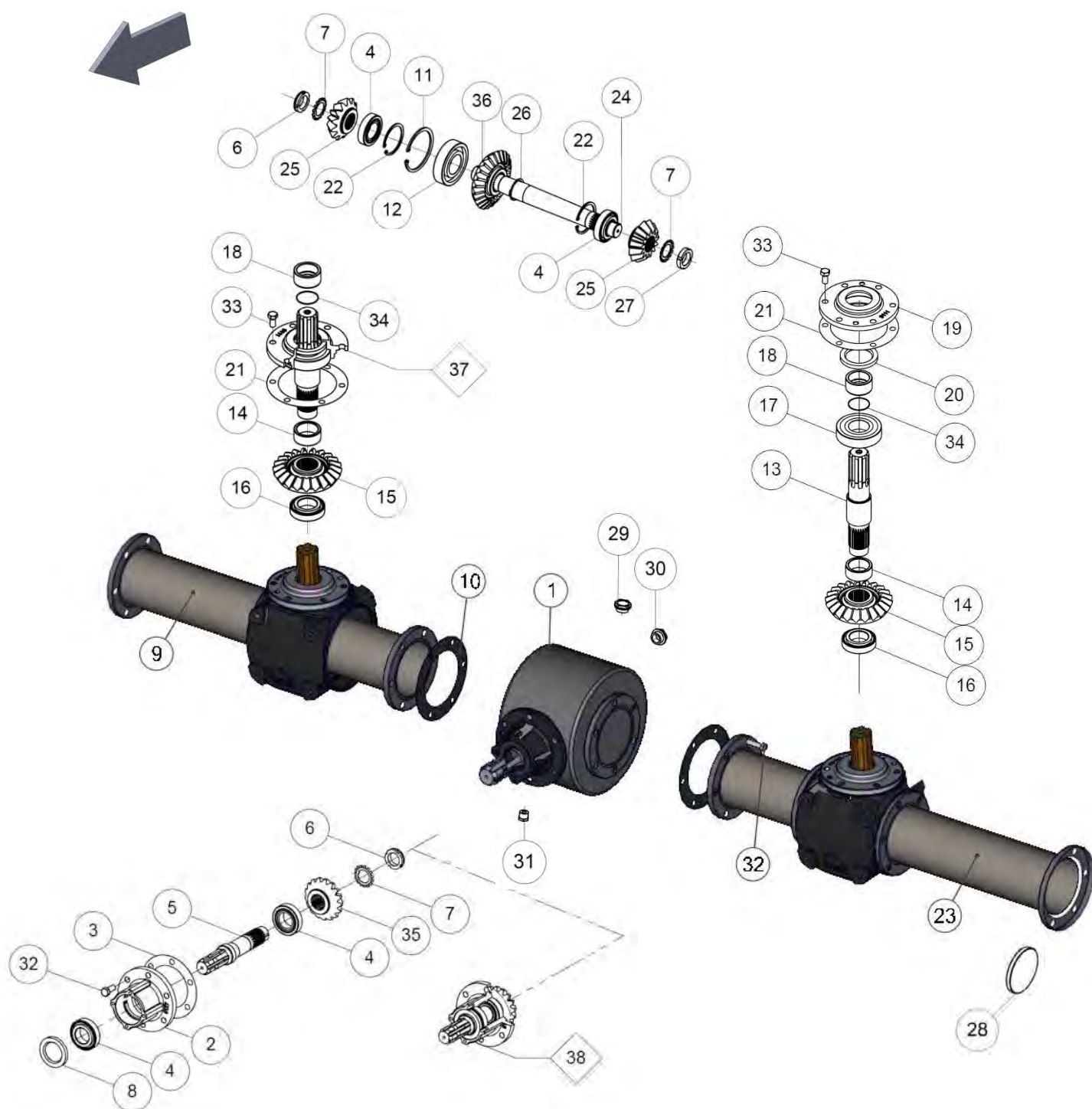
| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|----------------|--|-----|-------------|---------|
| 113 | BL-9-FW-8 | 9/16 FW G8 | 40 | | |
| 114 | BL-9-200-H8 | 9/16-12 X 2 HH G8 | 20 | | |
| 115 | BL-9-LN | 9/16-12 LN w/ NYLON INSERT | 20 | | |
| 116 | BL-8-150-C | 1/2-13 X 1-1/2 CARRIAGE BOLT G5 ZC | 18 | | |
| 117 | BL-8-FW | 1/2 USS FW ZC | 22 | | |
| 118 | BL-8-LW | 1/2 SPLIT LW ZC | 22 | | |
| 119 | BL-8-N | 1/2-13 HEX FIN NUTS ZC | 22 | | |
| 120 | BL-8-250-C | 1/2-13 X 2-1/2 CARRIAGE BOLT G5 ZC | 4 | | |
| 121 | BL-4-FW | 1/4 USS FW ZC | 2 | | |
| 122 | BL-4-150-H | 1/4-20 X 1-1/2 HEX CAP G5 ZC | 1 | | |
| 123 | BL-4-LN | 1/4-20 HEX LN NE ZC | 1 | | |
| 604 | H2-103-2MP-2MP | 1/8in grease hose 1/8MP x 1/8MP x 103in long | 1 | | |
| 605 | H2-134-2MP-2MP | 1/8in grease hose 1/8MP x 1/8MP x 134in long | 1 | | |



74115-2-03A VERTICAL BEATER GEARBOX

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|-------------|--------------------------------|-----|-------------|-------------------------------|
| 0 | VTB-1893-A1 | 1000 RPM Beater Gearbox | 0 | | |
| 1 | VTB-1899-A1 | Housing | 1 | | Special Order Only |
| 2 | VTB-1899-J2 | Hub | 1 | | Special Order Only |
| 3 | VTB-1899-H2 | Gasket | 1 | | Special Order Only |
| 4 | VTB-1899-G1 | Bearing 32209 | 4 | | Special Order Only |
| 5 | VTB-1899-L2 | Shaft | 1 | | Special Order Only |
| 6 | VTB-1899-D1 | Threaded Ring, LH Thread | 2 | | Special Order Only |
| 7 | VTB-1899-E1 | Washer | 3 | | Special Order Only |
| 8 | VTB-1899-K2 | Oil Seal | 1 | | |
| 9 | VTB-1893-B1 | Right Spacer Tube | 1 | | Special Order Only |
| 10 | VTB-1899-A2 | Gasket | 2 | | Special Order Only |
| 11 | VTB-1893-C1 | Snap Ring | 1 | | Special Order Only |
| 12 | VTB-1899-H1 | Bearing 6311 | 1 | | Special Order Only |
| 13 | VTB-1893-D1 | Splined Shaft | 2 | | Special Order Only |
| 14 | VTB-1899-V1 | Spacer | 2 | | Special Order Only |
| 15 | VTB-1899-W1 | Gear Z=22 | 2 | | |
| 16 | VTB-1899-X1 | Bearing 32210 | 2 | | Special Order Only |
| 17 | VTB-1899-T1 | Bearing 6311-2RS | 2 | | Special Order Only |
| 18 | VTB-1899-M1 | Spacer | 2 | | Special Order Only |
| 19 | VTB-1899-Q1 | Calotte | 2 | | Special Order Only |
| 20 | VTB-1899-S1 | Oil Seal | 2 | | Special Order Only |
| 21 | VTB-1899-R1 | Gasket | 2 | | Special Order Only |
| 22 | VTB-1893-E1 | Snap Ring | 2 | | Special Order Only |
| 23 | VTB-1893-F1 | Right Spacer Tube | 1 | | Special Order Only |
| 24 | VTB-1899-C1 | Shaft | 1 | | Special Order Only |
| 25 | VTB-1899-F1 | Bevel Pinion Z=13 | 2 | | Special Order Only |
| 26 | VTB-1899-K1 | Circlip E 55 | 1 | | Special Order Only |
| 27 | VTB-1899-L1 | Threaded Ring, RH Thread | 1 | | Special Order Only |
| 28 | VTB-1893-G1 | End Cap | 2 | | Special Order Only |
| 29 | VTB-1899-E2 | Oil Plug, 1" Gas. | 1 | | Special Order Only |
| 30 | VTB-1899-c2 | Oil Lev. Indicator | 1 | | Same as GBXA-5-ST10B |
| 31 | VTB-1899-D2 | Oil Plug, 1/2" Gas | 1 | | Special Order Only |
| 32 | VTB-1899-Z1 | Screw, hex-hd M14X35 | 22 | | Reference Only, Special Order |
| 33 | VTB-1899-P1 | Screw, hex-hd M14X30 | 12 | | Reference Only, Special Order |
| 34 | VTB-1899-N1 | O-ring 2212 | 2 | | Special Order Only |
| 35 | VTB-1899-G2 | Bevel Pinion Z=17 | 1 | | |
| 36 | VTB-1899-J1 | Gear Z=24 | 1 | | |
| 37 | VTB-1893-H1 | Full Cover (complete Callotte) | 2 | | Special Order Only |
| 38 | VTB-1899-M2 | Hub Complete, Gearbox | 1 | | Special Order Only |

74115-2-03A VERTICAL BEATER GEARBOX



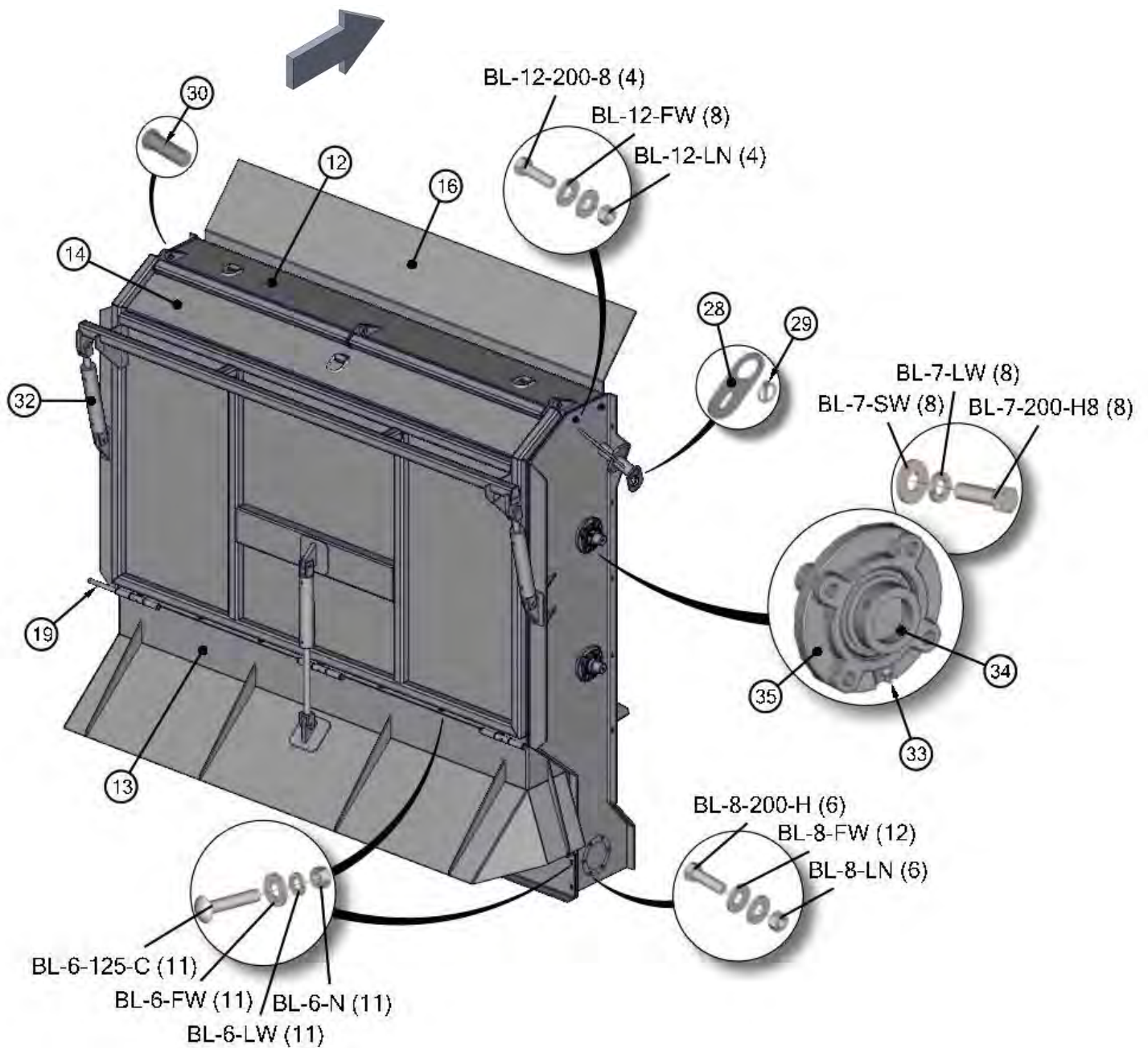
74120-2-03B OPT. COMPOST BEATERS, HYDRAULIC HOOD W/ TRIM SHIELD

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|----------------|---|-----|-------------|---------|
| 1 | VTB-CMP-2200-H | PTO Shaft, Side | 1 | | |
| 2 | VTB-CMP-2200-F | Spinner Plate Assy, RH, 910mm Gbx | 1 | | |
| 3 | VTB-CMP-2200-E | Spinner Plate Assy, LH, 910mm Gbx | 1 | | |
| 4 | VTB-CMP-2200-C | Side Gearbox, Beaters | 1 | | |
| 5 | VTB-CMP-2112 | Bottom Gearbox, 2305mm, 910mm Spinner Centers | 1 | | |
| 6 | VTB-CMP-2105 | Horiz. Beater, Bottom | 1 | | |
| 7 | VTB-CMP-2104 | Horiz. Beater, Top | 1 | | |
| 8 | VTB-0047 | Knife, Horiz. Comp. Beater | 66 | | |
| 9 | PR70312 | Strap | 2 | | |
| 10 | PR70311 | Gear Box Support | 1 | | |
| 11 | PR70310 | PTO Shield | 1 | | |
| 12 | PR70299 | Top Plate | 1 | | |
| 13 | PR70298 | Adjustable Panel | 1 | | |
| 14 | PR70297 | Back Panel Hyd Lift, Hyd. Fence Rower | 1 | | |
| 15 | PR70261 | Guide | 2 | | |
| 16 | PR70260 | 880 Divert Shield | 1 | | |
| 17 | PR70244 | Backing Bar, Belting | 1 | | |
| 18 | PR70243 | Belting, Middle | 1 | | |
| 19 | PR63535 | Latch Pin | 3 | | |
| 20 | PR63522 | Beater Panel, RH | 1 | | |
| 21 | PR63521 | Beater Panel, LH | 1 | | |
| 22 | PR63518 | Compost Backing Plate, LH | 1 | | |
| 23 | PR63517 | Compost Backing Plate, RH | 1 | | |
| 24 | PR63512 | Mount, Gearbox, LH | 1 | | |
| 25 | PR63511 | Mount, Gearbox, RH | 1 | | |
| 26 | PR63509-G | Bracket, Slurry Pan Gusset | 2 | | |
| 27 | PR63509 | Slurry Pan | 1 | | |
| 28 | PR63505 | Plate, Safety Lock, Remov Beaters | 2 | | |
| 29 | PIN-250L | 1/4 Lynch Pin | 2 | | |
| 30 | PIN-10-28 | Clevis Pin, 5/8 Dia, 1.75 usable | 3 | | |
| 31 | LA-1530 | Medium Rubber T Latch Assembly | 1 | | |
| 32 | HC-150-1004 | Welded Cylinder, 1.5, 10 Stroke | 3 | | |
| 33 | GF-1827 | Grease Fitting 1/8 NPT Straight | 2 | | |
| 34 | BR-175-085-I | Bearing, 1 3/4 ID, TS | 2 | | |
| 35 | BR-085-4PF | 85mm Four Bolt Piloted Flange Housing | 2 | | |
| 36 | HA-1031 | Hydraulic Hose Holder 3/8 | 4 | | |
| 37 | PR70349 | Gearbox Support Bracket, Compost | 2 | | |

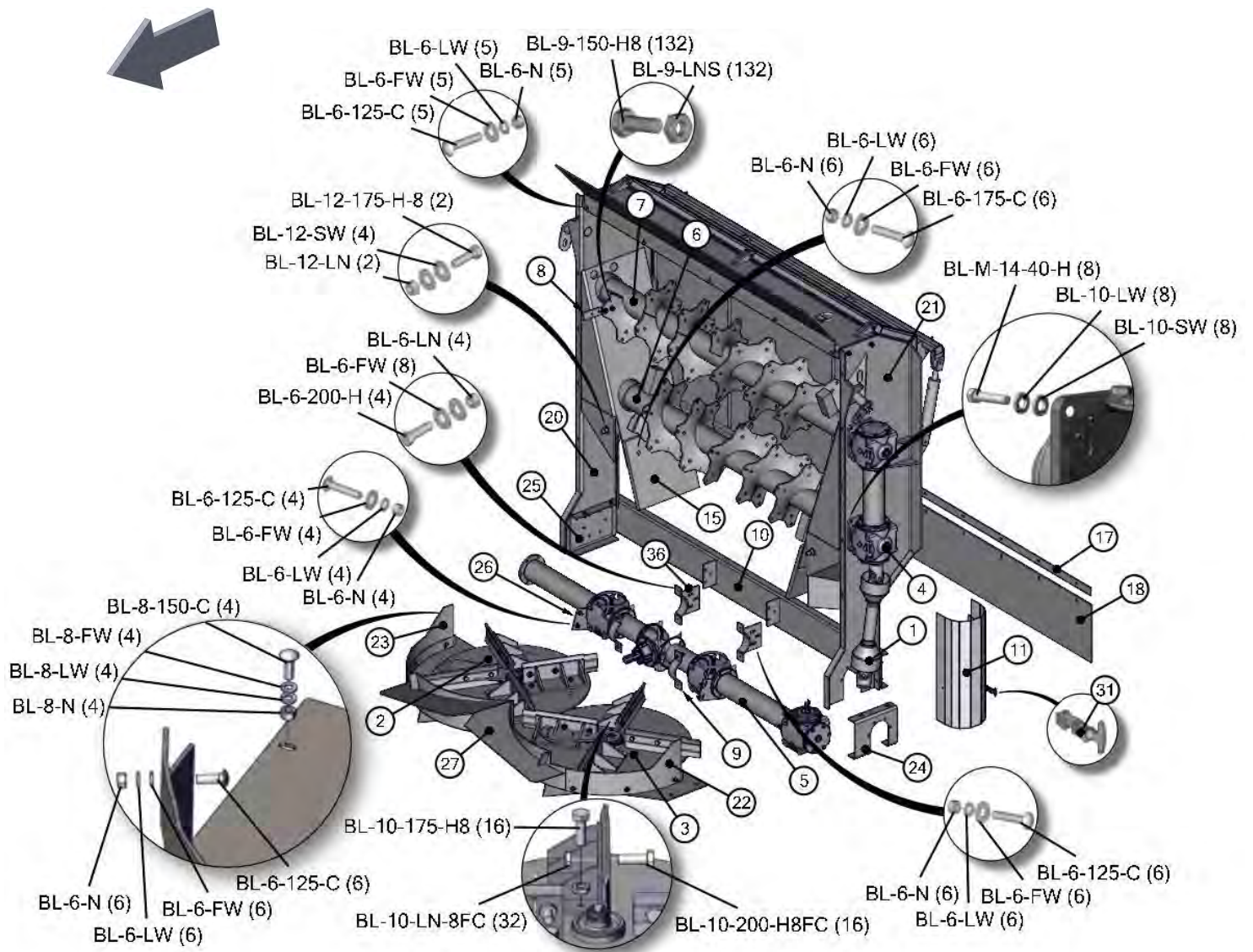
74120-2-03B OPT. COMPOST BEATERS, HYDRAULIC HOOD W/ TRIM SHIELD

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|----------------|--|-----|-------------|---------|
| 100 | BL-6-125-C | 3/8-16 X 1-1/4 CARRIAGE BOLT G5 ZC | 38 | | |
| 101 | BL-6-175-C | 3/8-16 X 1-3/4 CARRIAGE BOLT G5 ZC | 6 | | |
| 102 | BL-6-200-H | 3/8-16 X 2 HEX CAP G5 ZC | 4 | | |
| 103 | BL-6-FW | 3/8 USS FW ZC | 46 | | |
| 104 | BL-6-LW | 3/8 SPLIT LW ZC | 38 | | |
| 105 | BL-6-N | 3/8-16 HEX NUT ZC | 38 | | |
| 106 | BL-6-LN | 3/8-16 FIN H LN NE A563 GA ZC | 4 | | |
| 107 | BL-7-200-H8 | 7/16-14 X 2 HH G8 | 8 | | |
| 108 | BL-7-LW | 7/16 SPLIT LW ZC | 8 | | |
| 109 | BL-7-SW | 7/16 SAE FW ZC | 8 | | |
| 110 | BL-8-150-C | 1/2-13 X 1-1/2 CARRIAGE BOLT G5 ZC | 4 | | |
| 111 | BL-8-200-H | 1/2-13 X 2 HEX CAP G5 ZC | 6 | | |
| 112 | BL-8-FW | 1/2 USS FW ZC | 16 | | |
| 113 | BL-8-LW | 1/2 SPLIT LW ZC | 8 | | |
| 114 | BL-8-N | 1/2-13 HEX FIN NUTS ZC | 4 | | |
| 115 | BL-8-LN | 1/2-13 LN NYLON INSERT ZC | 6 | | |
| 116 | BL-9-150-H8 | 9/16-12 X 1 1/2 HEX CAP G8 ZC | 132 | | |
| 117 | BL-9-LNS | 9/16-12, STOVER LN | 132 | | |
| 118 | BL-10-175-H8 | 5/8-11 X 1-3/4 HH G8 ZC | 16 | | |
| 119 | BL-10-200-H8FC | 5/8-11 X 2 HH Flange G8, Course Thread, Phos & Oil | 16 | | |
| 120 | BL-M-14-40-H | M14-2 X 40 HHCS ZC | 8 | | |
| 121 | BL-10-SW | 5/8 SAE FW ZC | 8 | | |
| 122 | BL-10-LW | 5/8 SPLIT LW ZC | 8 | | |
| 123 | BL-10-LN-8FC | 5/8-11 Stover LN, Grade G, Flange Top, Phos & Oil | 32 | | |
| 124 | BL-12-175-H-8 | 3/4-10 X 1-3/4 HH G8 | 2 | | |
| 125 | BL-12-200-8 | 3/4-10 X 2 HH C/S G8 ZC | 4 | | |
| 126 | BL-12-FW | 3/4 FW | 8 | | |
| 127 | BL-12-SW | 3/4 SAE FW | 4 | | |
| 128 | BL-12-LN | 3/4-10 LN w/ NYLON INSERTS | 6 | | |

74120-2-03B OPT. COMPOST BEATERS, HYDRAULIC HOOD W/ TRIM SHIELD



74120-2-03B OPT. COMPOST BEATERS, HYDRAULIC HOOD W/ TRIM SHIELD



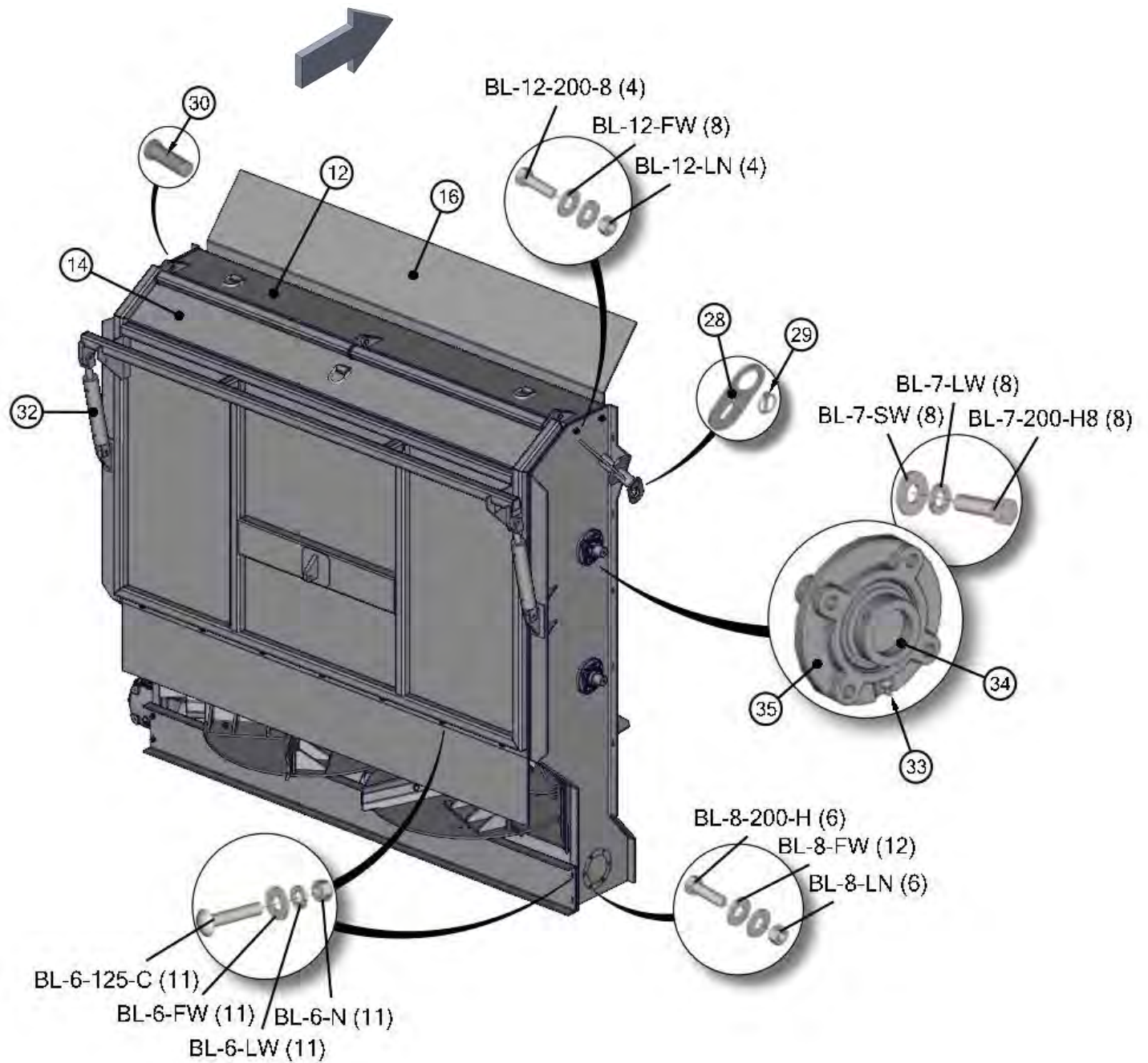
74120-2-03C OPT. COMPOST BEATERS, HYDRAULIC HOOD

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|----------------|---|-----|-------------|---------|
| 1 | VTB-CMP-2200-H | PTO Shaft, Side | 1 | | |
| 2 | VTB-CMP-2200-F | Spinner Plate Assy, RH, 910mm Gbx | 1 | | |
| 3 | VTB-CMP-2200-E | Spinner Plate Assy, LH, 910mm Gbx | 1 | | |
| 4 | VTB-CMP-2200-C | Side Gearbox, Beaters | 1 | | |
| 5 | VTB-CMP-2112 | Bottom Gearbox, 2305mm, 910mm Spinner Centers | 1 | | |
| 6 | VTB-CMP-2105 | Horiz. Beater, Bottom | 1 | | |
| 7 | VTB-CMP-2104 | Horiz. Beater, Top | 1 | | |
| 8 | VTB-0047 | Knife, Horiz. Comp. Beater | 66 | | |
| 9 | PR70312 | Strap | 2 | | |
| 10 | PR70311 | Gear Box Support | 1 | | |
| 11 | PR70310 | PTO Shield | 1 | | |
| 12 | PR70299 | Top Plate | 1 | | |
| 14 | PR70297 | Back Panel Hyd Lift, Hyd. Fence Rower | 1 | | |
| 15 | PR70261 | Guide | 2 | | |
| 16 | PR70260 | 880 Divert Shield | 1 | | |
| 17 | PR70244 | Backing Bar, Belting | 1 | | |
| 18 | PR70243 | Belting, Middle | 1 | | |
| 20 | PR63522 | Beater Panel, RH | 1 | | |
| 21 | PR63521 | Beater Panel, LH | 1 | | |
| 22 | PR63518 | Compost Backing Plate, LH | 1 | | |
| 23 | PR63517 | Compost Backing Plate, RH | 1 | | |
| 24 | PR63512 | Mount, Gearbox, LH | 1 | | |
| 25 | PR63511 | Mount, Gearbox, RH | 1 | | |
| 26 | PR63509-G | Bracket, Slurry Pan Gusset | 2 | | |
| 27 | PR63509 | Slurry Pan | 1 | | |
| 28 | PR63505 | Plate, Safety Lock, Remov Beaters | 2 | | |
| 29 | PIN-250L | 1/4 Lynch Pin | 2 | | |
| 30 | PIN-10-28 | Clevis Pin, 5/8 Dia, 1.75 usable | 3 | | |
| 31 | LA-1530 | Medium Rubber T Latch Assembly | 1 | | |
| 32 | HC-150-1004 | Welded Cylinder, 1.5, 10 Stroke | 2 | | |
| 33 | GF-1827 | Grease Fitting 1/8 NPT Straight | 2 | | |
| 34 | BR-175-085-I | Bearing, 1 3/4 ID, TS | 2 | | |
| 35 | BR-085-4PF | 85mm Four Bolt Piloted Flange Housing | 2 | | |
| 36 | HA-1031 | Hydraulic Hose Holder 3/8 | 4 | | |
| 37 | PR70349 | Gearbox Support Bracket, Compost | 2 | | |

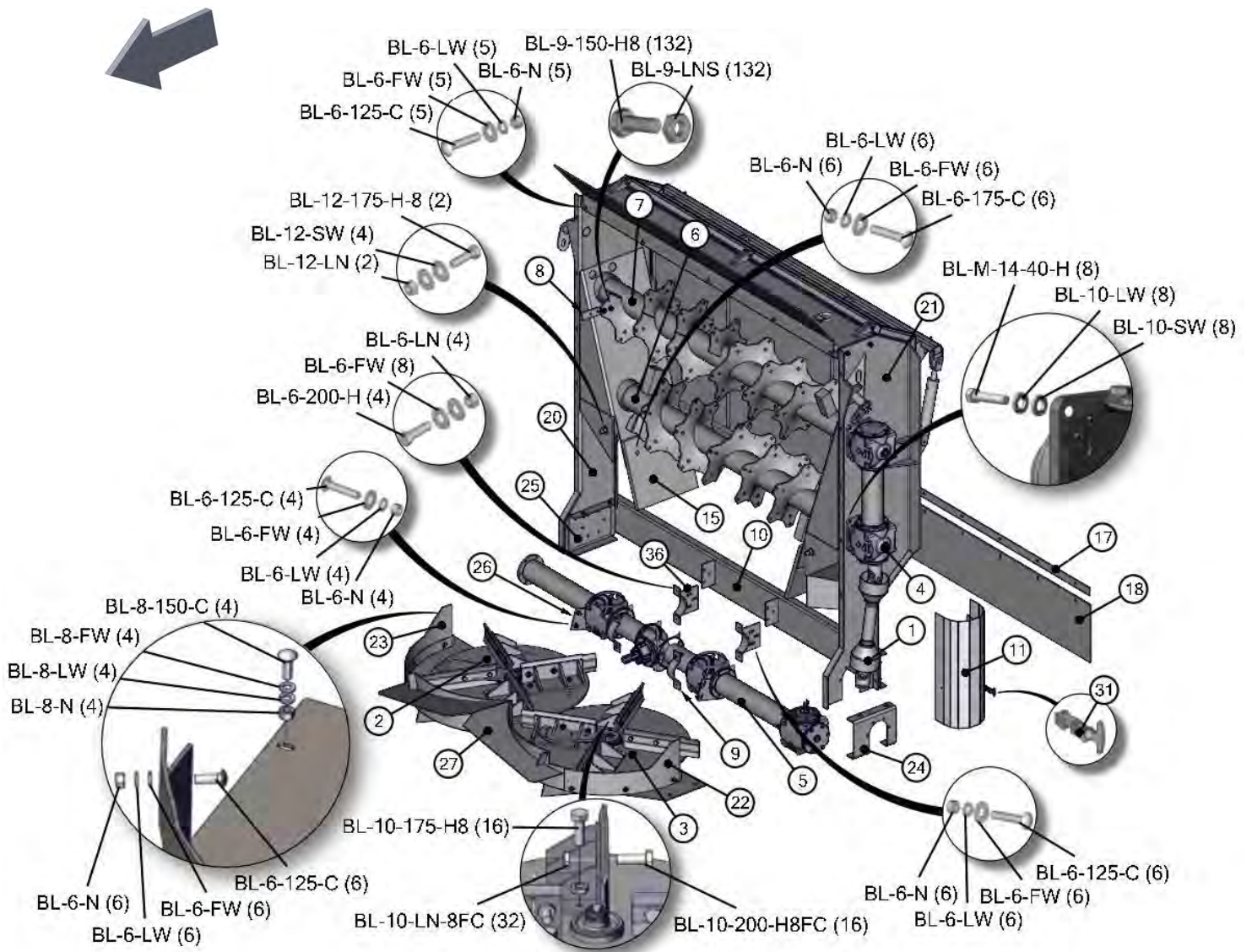
74120-2-03C OPT. COMPOST BEATERS, HYDRAULIC HOOD

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|----------------|--|-----|-------------|---------|
| 100 | BL-6-125-C | 3/8-16 X 1-1/4 CARRIAGE BOLT G5 ZC | 38 | | |
| 101 | BL-6-175-C | 3/8-16 X 1-3/4 CARRIAGE BOLT G5 ZC | 6 | | |
| 102 | BL-6-200-H | 3/8-16 X 2 HEX CAP G5 ZC | 4 | | |
| 103 | BL-6-FW | 3/8 USS FW ZC | 46 | | |
| 104 | BL-6-LW | 3/8 SPLIT LW ZC | 38 | | |
| 105 | BL-6-N | 3/8-16 HEX NUT ZC | 38 | | |
| 106 | BL-6-LN | 3/8-16 FIN H LN NE A563 GA ZC | 4 | | |
| 107 | BL-7-200-H8 | 7/16-14 X 2 HH G8 | 8 | | |
| 108 | BL-7-LW | 7/16 SPLIT LW ZC | 8 | | |
| 109 | BL-7-SW | 7/16 SAE FW ZC | 8 | | |
| 110 | BL-8-150-C | 1/2-13 X 1-1/2 CARRIAGE BOLT G5 ZC | 4 | | |
| 111 | BL-8-200-H | 1/2-13 X 2 HEX CAP G5 ZC | 6 | | |
| 112 | BL-8-FW | 1/2 USS FW ZC | 16 | | |
| 113 | BL-8-LW | 1/2 SPLIT LW ZC | 8 | | |
| 114 | BL-8-N | 1/2-13 HEX FIN NUTS ZC | 4 | | |
| 115 | BL-8-LN | 1/2-13 LN NYLON INSERT ZC | 6 | | |
| 116 | BL-9-150-H8 | 9/16-12 X 1 1/2 HEX CAP G8 ZC | 132 | | |
| 117 | BL-9-LNS | 9/16-12, STOVER LN | 132 | | |
| 118 | BL-10-175-H8 | 5/8-11 X 1-3/4 HH G8 ZC | 16 | | |
| 119 | BL-10-200-H8FC | 5/8-11 X 2 HH Flange G8, Course Thread, Phos & Oil | 16 | | |
| 120 | BL-M-14-40-H | M14-2 X 40 HHCS ZC | 8 | | |
| 121 | BL-10-SW | 5/8 SAE FW ZC | 8 | | |
| 122 | BL-10-LW | 5/8 SPLIT LW ZC | 8 | | |
| 123 | BL-10-LN-8FC | 5/8-11 Stover LN, Grade G, Flange Top, Phos & Oil | 32 | | |
| 124 | BL-12-175-H-8 | 3/4-10 X 1-3/4 HH G8 | 2 | | |
| 125 | BL-12-200-8 | 3/4-10 X 2 HH C/S G8 ZC | 4 | | |
| 126 | BL-12-FW | 3/4 FW | 8 | | |
| 127 | BL-12-SW | 3/4 SAE FW | 4 | | |
| 128 | BL-12-LN | 3/4-10 LN w/ NYLON INSERTS | 6 | | |

74120-2-03C OPT. COMPOST BEATERS, HYDRAULIC HOOD



74120-2-03C OPT. COMPOST BEATERS, HYDRAULIC HOOD

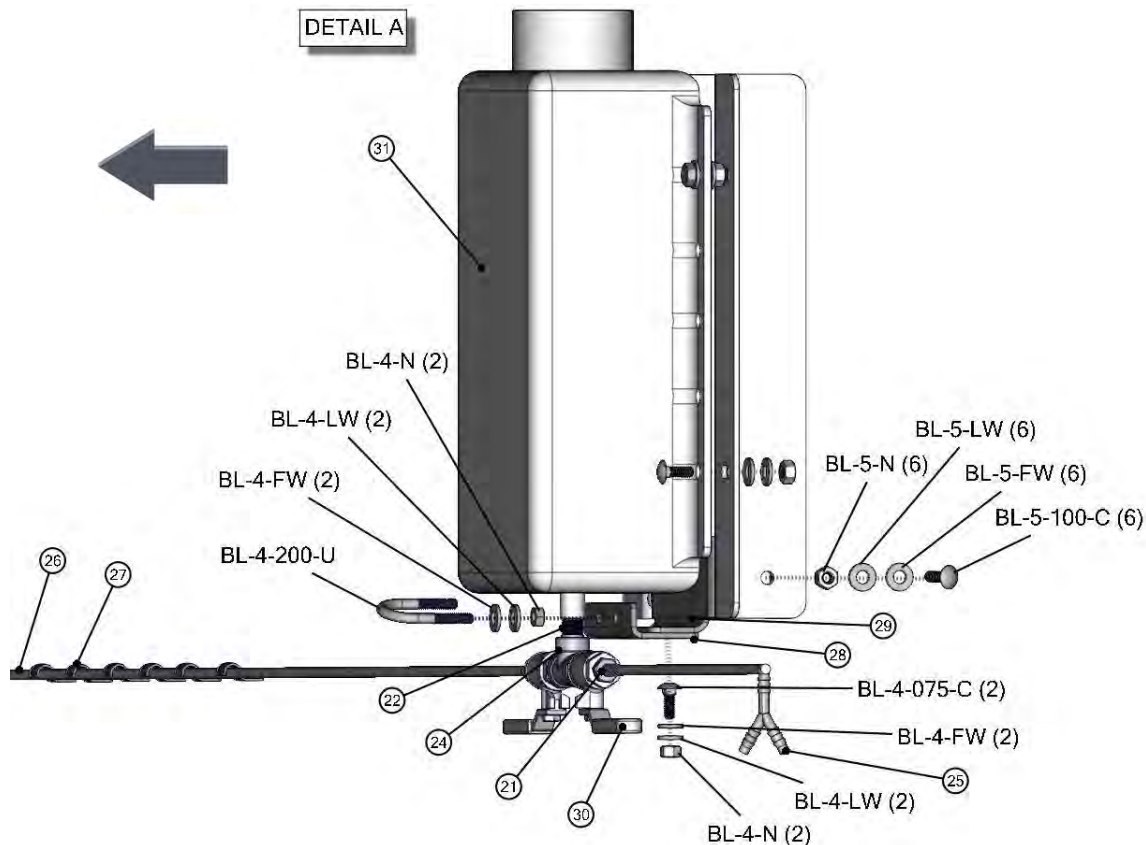


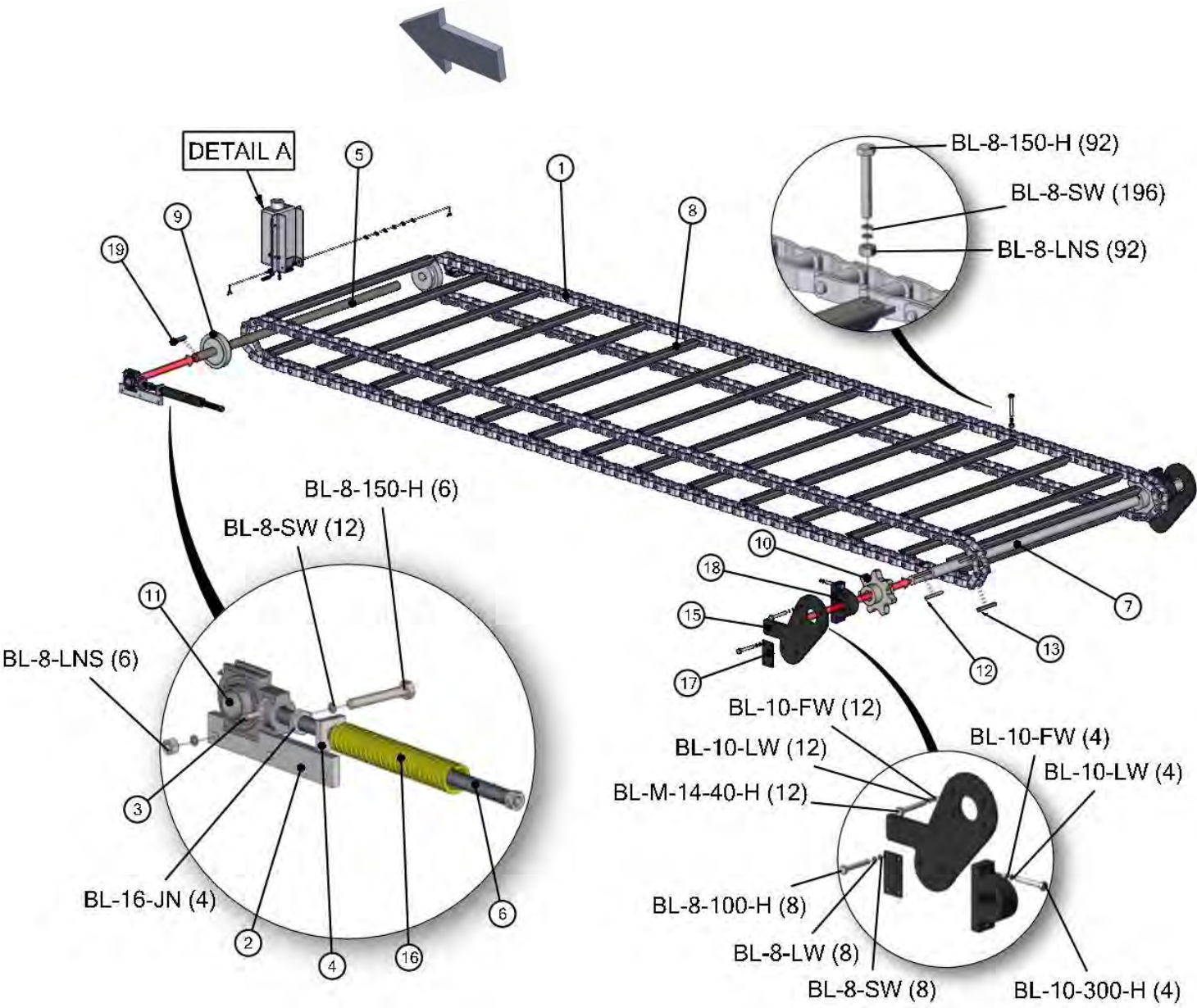
74119-2-04 WEB CHAIN DRIVE

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|-------------------|--|-----|-------------|------------------|
| 1 | PR60415 | Pull Chain, Right Hand Side, Pintle Style | 0 | 74013002 | |
| 1 | PR60416 | Pull Chain, Left Hand Side, Pintle Style | 0 | 74013002 | |
| 1 | PR64020 | Pull Chain, Clearanced , Pintle Style, Tab Center of Link, Universal | 2 | | replaces PR64010 |
| 2 | PR63014 | Flat Bar | 2 | | |
| 3 | PIN-4-36 | Roll Pin 1/4" x 2.25 | 2 | | |
| 4 | PR70313 | Machined Nut | 2 | | |
| 5 | PR63015 | Chain Shaft, Front Idler | 1 | | |
| 6 | PR70480 | Tension Rod, HP1100 | 2 | | |
| 7 | PR60040 | Shaft, Apron Chain, Dual Drive | 1 | | |
| 8 | PR60419 | Flight, Mill Chain, Angle | 0 | | |
| 8 | PR60420 | Flight Mill Chain, Tub center on Chain | 46 | | |
| 9 | RLR-0030 | Spreader Chain Roller | 2 | | |
| 10 | PR60424 | Drive Sprocket, WH124 Pintle Chain, 2 Pc Sprocket, 2 1/2" Bore, 5/8 Keyway | 2 | | |
| 11 | BRG-32-TU | Bearing, Takeup, 5/8 Keyway, 2.00 Shaft | 2 | | |
| 12 | KEY-8-8-86-HCS | 1/2in Key 5.375in Long, High Carbon Steel | 2 | | |
| 13 | KEY-10-10-550-HCS | 5/8in Key, 5.50in Long, 4140 Material | 2 | | |
| 15 | PR60066 | Torque Plate, Gearbox | 2 | | |
| 16 | SPRG-1200-EH | Spring, Extra Heavy 2" Hole Dia., 1" Rod x 12 Long | 2 | | |
| 17 | PR60068 | Mount, Torque Plate, Gearbox | 2 | | |
| 18 | BR-250-HD | Heavy Duty 2-1/2" Brg Assy, W/Pillow Block | 2 | | |
| 19 | KEY-10-10-300-HCS | 3" KEY STOCK | 2 | | |
| 20 | PR70356 | Cap, HP Spreader Gearbox | 2 | | |
| 21 | A-4124-4-4 | 1/4 Male Pipe x 1/4 Push Loc | 2 | | |
| 22 | AN-4-CLB | 1/4" NPT Close Nipple, Brass | 2 | | |
| 23 | AN-4-CLB-H | 1/4" NPT Close Nipple, Brass, With Hex Center | 1 | | |
| 24 | ATB-4-4-4 | 1/4" x 1/4" x 1/4" Brass Tee | 1 | | |
| 25 | AYN-4-4-4 | 1/4" x 1/4" x 1/4" White Nylon Hose Barb Wye | 2 | | |
| 26 | H4-PL | Push Loc Hose 1/4" @ ft | 12 | | |
| 27 | HA-1031 | Hydraulic Hose Holder 3/8 | 6 | | |
| 28 | PR70316 | Chain Oil System Bracket | 1 | | |
| 29 | PR70330 | Chain Oil System Bracket | 1 | | |
| 30 | VLV-025-B | 1/4" Brass Ball Valve | 2 | | |
| 31 | VPA-NVE-36001 | 5 Quart Reservoir with Black Cap, NVE Style | 1 | | |

74119-2-04 WEB CHAIN DRIVE

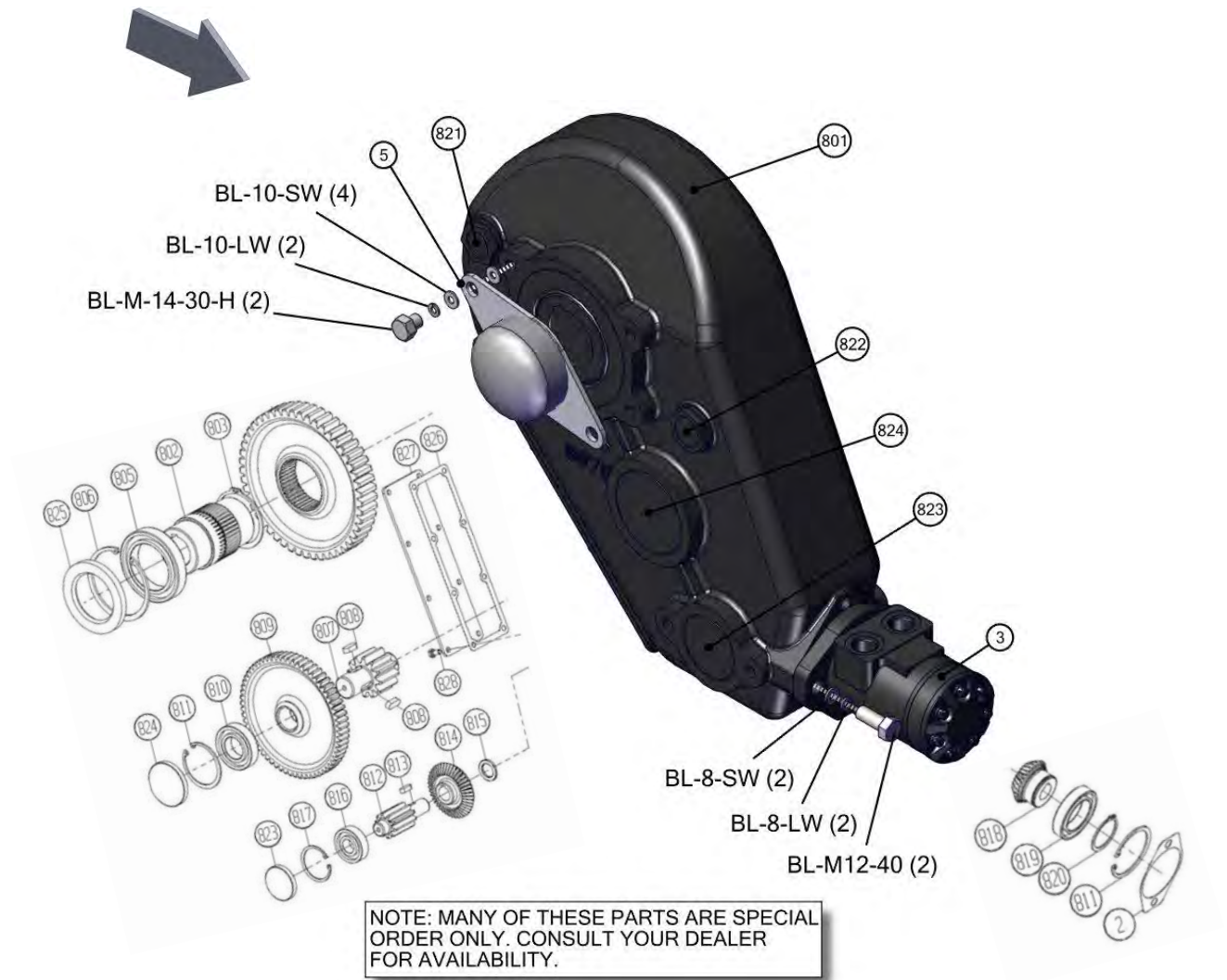
| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|--------------|-----------------------------------|-----|-------------|---------|
| 100 | BL-4-075-C | 1/4 UNC X 3/4 CARRIAGE BOLT G5 ZC | 2 | | |
| 101 | BL-4-200-U | 1/4" U Bolt 1 1/8" wide 2 long | 1 | | |
| 102 | BL-4-FW | 1/4 USS FW ZC | 4 | | |
| 103 | BL-4-LW | 1/4 SPLIT LW ZC | 4 | | |
| 104 | BL-4-N | 1/4-20 HEX FIN NUT ZC | 4 | | |
| 105 | BL-5-100-C | 5/16-18 x 1, Z5 | 6 | | |
| 106 | BL-5-FW | 5/16 USS FW ZC | 6 | | |
| 107 | BL-5-LW | 5/16 SPLIT LW ZC | 6 | | |
| 108 | BL-5-N | 5/16-18 UNC HEX NUT A563 GrA ZINC | 6 | | |
| 109 | BL-8-100-H | 1/2-13 X 1 HEX CAP G5 ZC | 8 | | |
| 110 | BL-8-150-H | 1/2-13 X 1-1/2 HH C/S BOLT G5 ZC | 98 | | |
| 111 | BL-8-SW | 1/2 SAE FW ZC | 196 | | |
| 112 | BL-8-LW | 1/2 SPLIT LW ZC | 8 | | |
| 113 | BL-8-LNS | 1/2-13 STOVER LN | 98 | | |
| 114 | BL-10-300-H | 5/8-11 X 3 HEX CAP G5 ZC | 4 | | |
| 115 | BL-10-FW | 5/8 USS FW ZC | 16 | | |
| 116 | BL-10-LW | 5/8 SPLIT LW ZC | 16 | | |
| 117 | BL-16-JN | 1-8 JAM NUT HEX Gr 5 YZ | 4 | | |
| 118 | BL-M-14-40-H | M14-2 X 40 HHCS ZC | 12 | | |





74115-2-05 WEB CHAIN GEARBOX

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|--------------|--|-----|--------------------|---------|
| 1 | GBX-1893 | Gearbox, Vertical Beater Apron Drive | 2 | | |
| 2 | PR60026 | Flange Gasket, Apron Drive Gear Box | 1 | | |
| 3 | HM-1893 | Orbit Motor, Vertical Beater Apron Drive | 2 | | |
| 4 | HP-1038 | Gear Lube, 80W90 @ Quart | 3 | Hydra Ram Spreader | |
| 5 | PR70356 | Cap, HP Spreader 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-M-14-30-H | Hex Head Bolt, 14mm x 30mm | 4 | | |
| 801 | GBX-1893-D | Housing | 1 | | |
| 802 | GBX-1893-B | Gearbox Hub | 1 | | |
| 803 | GBX-1893-C | Internal Retaining Clip | 1 | | |
| 804 | GBX-1893-E | Gear Z=54 | 1 | | |
| 805 | GBX-1893-A | Ball Bearing, Open | 2 | | |
| 806 | GBX-1893-F | Internal Clip | 2 | | |
| 807 | GBX-1893-G | Pinion Z=12 | 1 | | |
| 808 | GBX-1893-H | Key 12x8x30 | 2 | | |
| 809 | GBX-1893-I | Gear Z=63 | 1 | | |
| 810 | GBX-1893-J | Bearing 6208 | 2 | | |
| 811 | GBX-1893-K | Circlip I 80 | 3 | | |
| 812 | GBX-1893-L | Pinion Z=10 | 1 | | |
| 813 | GBX-1893-M | Key 8x7x25 | 1 | | |
| 814 | GBX-1893-N | Gear Z=43 | 1 | | |
| 815 | GBX-1893-O | Spacer | 1 | | |
| 816 | GBX-1893-P | Bearing 6305 | 2 | | |
| 817 | GBX-1893-Q | Circlip I 62 | 2 | | |
| 818 | GBX-1893-R | Pinion Z=28 | 1 | | |
| 819 | GBX-1893-S | Bearing | 1 | | |
| 820 | GBX-1893-T | Circlip E 50 | 1 | | |
| 821 | GBX-1893-U | Oil Plug 1" Gas | 2 | | |
| 822 | GBX-1893-V | Oil Level Indic. 1" Gas | 2 | | |
| 823 | GBX-1893-W | Plug | 2 | | |
| 824 | GBX-1893-X | Plug | 2 | | |
| 825 | GBX-1893-Y | Shaft Seal, Gearbox | 2 | | |
| 826 | GBX-1893-Z | Gasket | 1 | | |
| 827 | GBX-1893-A1 | Cover | 1 | | |
| 828 | GBX-1893-B1 | Screw, hex-hd M8x16 | 8 | | |

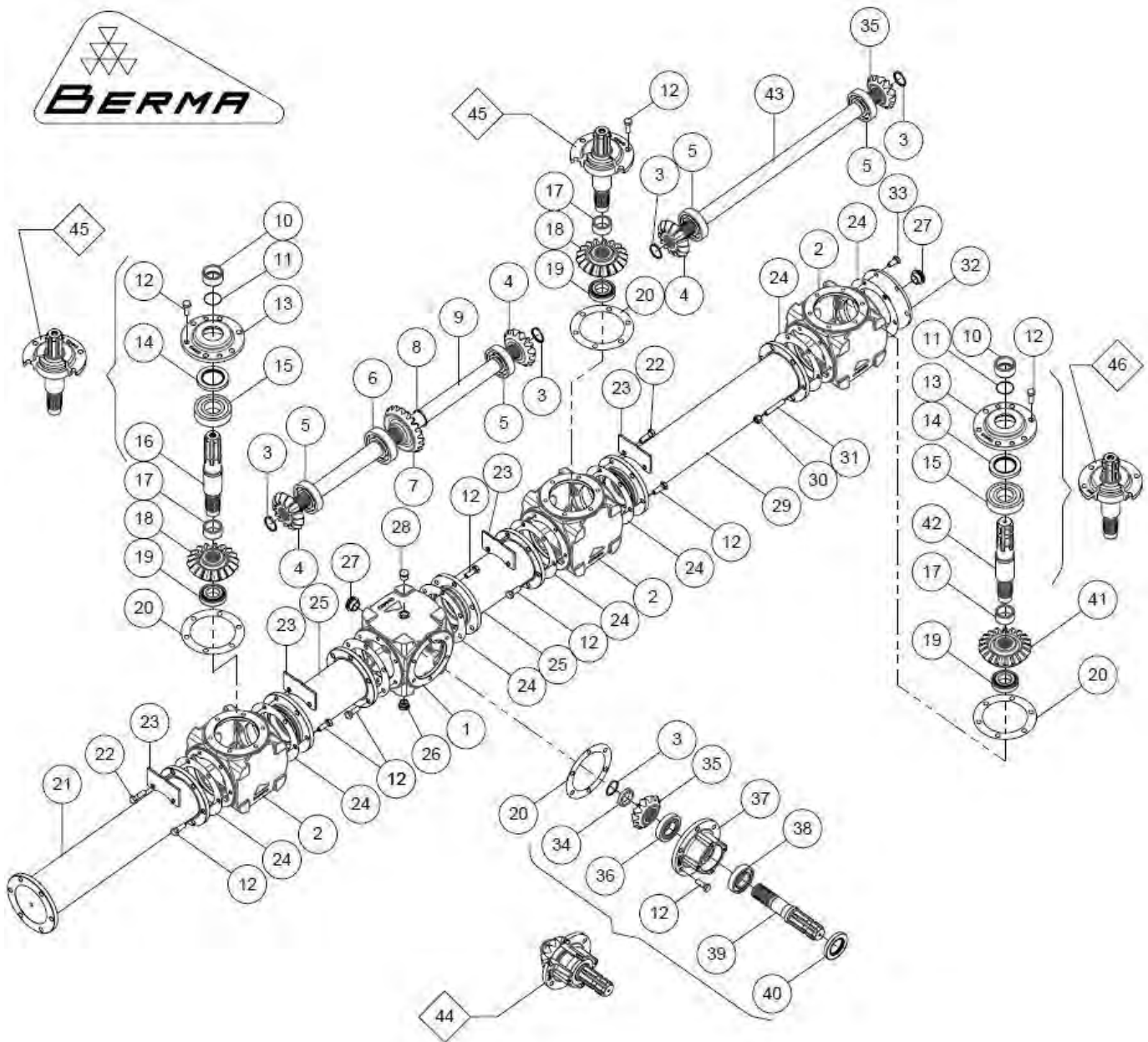


74120-2-08 GEARBOX, COMPOST BEATERS

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|--------------|--|-----|-------------|----------------------------------|
| 0 | VTB-CMP-2112 | Bottom Gearbox, 2305mm, 910mm Spinner Centers | 0 | | |
| 1 | VTB-1879-W1 | Housing | 1 | | |
| 2 | VTB-1879-U1 | Housing | 3 | | |
| 3 | VTB-1879-B1 | Circlip E 40 | 5 | | |
| 4 | VTB-CMP-J1 | Pinion Z=14 | 3 | | |
| 5 | VTB-1879-D1 | Bearing 6308 | 4 | | |
| 6 | VTB-1879-F1 | Bearing 6309 | 1 | | |
| 7 | VTB-1877-B1 | Gear, Z=20 | 1 | | |
| 8 | GBX-5-ST10-R | Snap Ring, E 45 | 1 | | Reference Only, Special Order |
| 9 | VTB-CMP-D1 | Shaft C.C. L=852 | 1 | | |
| 10 | VTB-1879-H1 | Spacer | 3 | | |
| 11 | VTB-1879-I1 | O-ring 2175 | 3 | | |
| 12 | VTB-1879-S1 | Screw, hex-hd M12x35 | 52 | | |
| 13 | VTB-1877-C1 | Calotte | 3 | | |
| 14 | VTB-1899-K2 | Oil Seal | 3 | | |
| 15 | VTB-1879-N1 | Bearing 6309-2RS | 3 | | |
| 16 | VTB-1879-J1 | Shaft | 2 | | |
| 17 | VTB-1879-O1 | Spacer 40/51/25 | 3 | | |
| 18 | VTB-CMP-K1 | Pinion Z=18 | 2 | | |
| 19 | VTB-1879-Q1 | Bearing 30207 | 3 | | |
| 20 | VTB-1879-L1 | Gasket | 4 | | |
| 21 | VTB-CMP-2107 | Spacer Tube, 18323, Extends 2000mm to 2305mm, RH | 1 | | |
| 22 | VTB-CMP-A1 | BOLT M12X40 | 8 | | |
| 23 | VTB-CMP-B1 | Cental Support | 4 | | |
| 24 | VTB-1879-T1 | Gasket | 8 | | |
| 25 | VTB-CMP-C1 | Center Spacing, L=255 | 2 | | |
| 26 | VTB-1899-D2 | Oil Plug, 1/2" Gas | 1 | | Special Order Only |
| 27 | VTB-1899-C2 | Oil Lev. Indicator 1" Gas | 2 | | Same as GBXA-5-ST10B |
| 28 | VTB-1879-Z1 | Plug 1/2" Gas | 1 | | |
| 29 | VTB-CMP-L1 | Spacer L=622 | 1 | | |
| 30 | VTB-1879-T2 | Nut M12-8G | 6 | | |
| 31 | VTB-CMP-E1 | BOLT M12X70 | 6 | | |
| 32 | VTB-CMP-H1 | Cap | 1 | | |
| 33 | VTB-CMP-G1 | BOLT M12X25 | 6 | | |
| 34 | VTB-1877-D1 | Spacer | 1 | | |
| 35 | VTB-1879-C1 | Pinion Z=13 | 2 | | |
| 36 | VTB-1877-E1 | Bearing, 30208 | 1 | | |
| 37 | VTB-1879-C2 | Hub | 1 | | |
| 38 | VTB-1879-E2 | Bearing 6208 | 1 | | |

74120-2-08 GEARBOX, COMPOST BEATERS

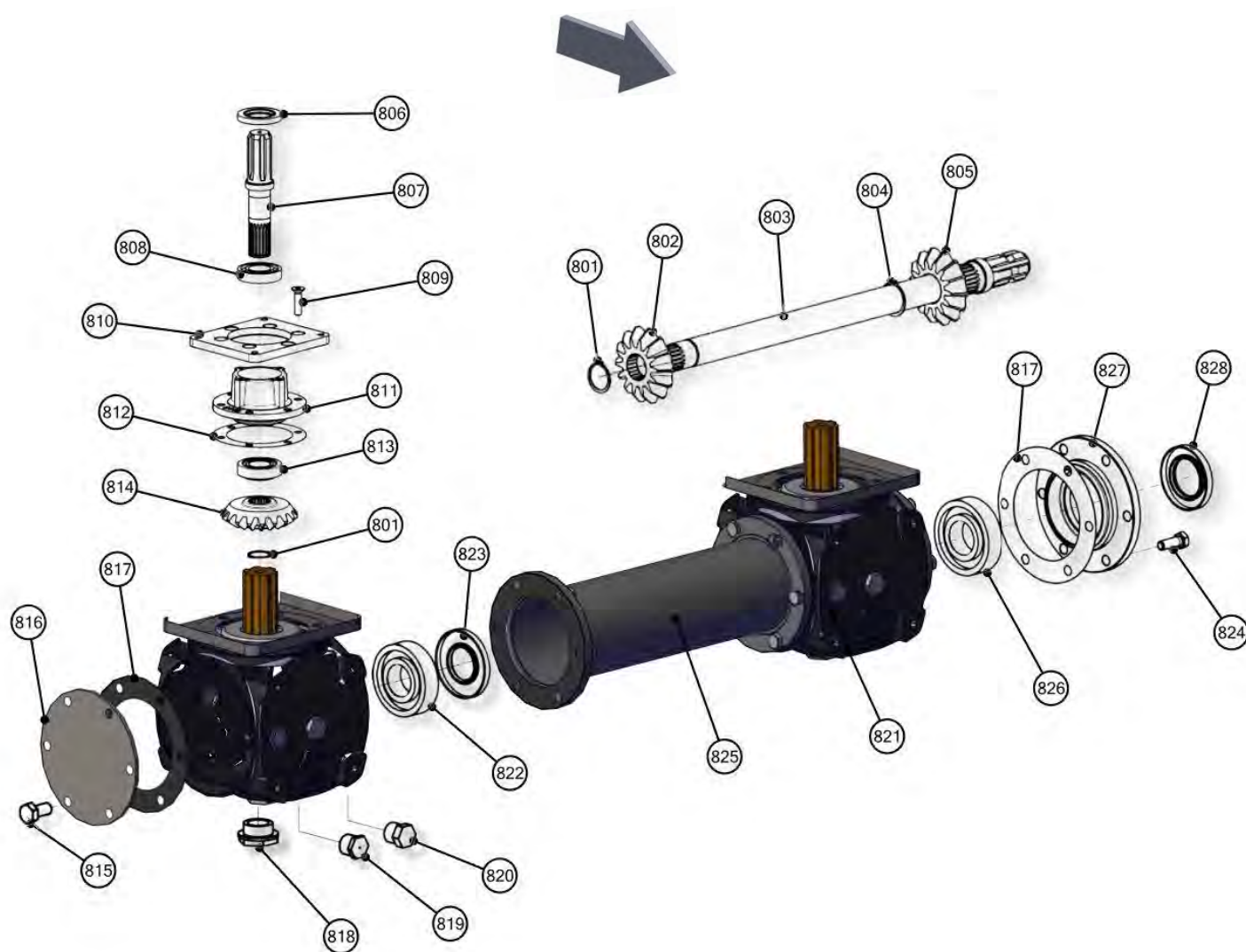
| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|--------------|--------------------------------|-----|-------------|---------|
| 39 | VTB-1879-D2 | Shaft | 1 | | |
| 40 | VTB-1879-F2 | Oil Seal 48/80/10 | 1 | | |
| 41 | VTB-1879-P1 | Gear Z=20 | 1 | | |
| 42 | VTB-1879-W2 | Shaft | 1 | | |
| 43 | VTB-CMP-2100 | Longer Shaft, 2000mm to 2305mm | 1 | | |
| 44 | VTB-1877-F1 | Hub, Complete | 1 | | |
| 45 | VTB-1879-H2 | Calotte Complete | 2 | | |
| 46 | VTB-CMP-F1 | Shell | 1 | | |



74120-2-09 GEARBOX, COMPOST BEATERS, SIDE

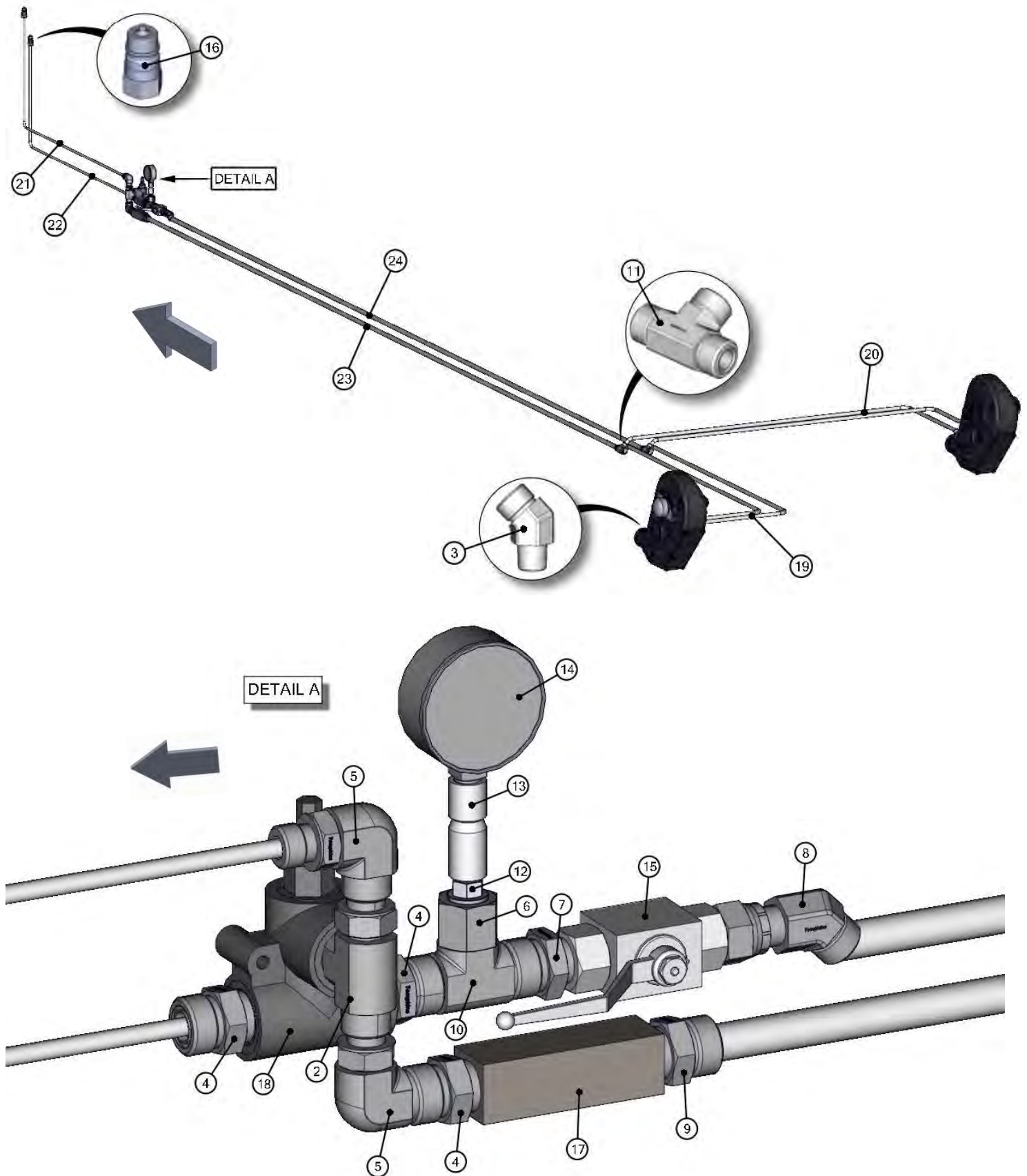
| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|-----------------|--------------------------------|-----|-------------|----------------------|
| 801 | VTB-1879-B1 | Circlip E 40 | 3 | | |
| 802 | VTB-CMP-J1 | Pinion Z=14 | 1 | | |
| 803 | VPA-MAS-15466 | 3 NPT w/12 Body, Oil Separator | 1 | | |
| 804 | GBX-5-ST10-R | Circlip, Compost Beater | 1 | | |
| 805 | VTB-CMP-2200-Q | Bevel Pinion Z=14 | 1 | | |
| 806 | VTB-CMP-2200-R | Oil Seal 52/80/10-DL | 2 | | |
| 807 | VTB-CMP-2200-S | Shaft | 2 | | |
| 808 | VTB-1879-E2 | Bearing 6208 | 2 | | |
| 809 | VTB-CMP-2200-V | M12x50 | 12 | | |
| 810 | VTB-CMP-2200-U | Fixing Plate | 2 | | |
| 811 | VTB-1879-C2 | Hub | 2 | | |
| 812 | VTB-1879-L1 | Gasket, Compost Beater | 2 | | |
| 813 | VTB-1879-B2 | Bearing 32208 | 2 | | |
| 814 | VTB-CMP-K1 | Gear, Compost Beater | 2 | | |
| 815 | VTB-CMP-G1 | BOLT M12X25 | 6 | | |
| 816 | VTB-CMP-2200-W | Cover | 1 | | |
| 817 | VTB-1879-T1 | Gasket | 4 | | |
| 818 | VTB-1899-C2 | Oil Lev. Indicator | 2 | | Same as GBXA-5-ST10B |
| 819 | VTB-1879-Z1 | Plug 1/2 Gas | 2 | | |
| 820 | VTB-1899-D2 | Oil Plug, 1/2 Gas | 4 | | Special Order Only |
| 821 | VTB-CMP-2200-X | Lateral Housing | 2 | | |
| 822 | VTB-1879-D1 | Bearing 6308 | 1 | | |
| 823 | VTB-CMP-2200-Y | Oil Seal 40/86/9 | 1 | | |
| 824 | VTB-1879-S1 | Screw, hex-hd M12x35 | 18 | | |
| 825 | VTB-CMP-2200-Z | Spacer L=400 | 1 | | |
| 826 | VTB-1879-F1 | Bearing 6309 | 1 | | |
| 827 | VTB-CMP-2200-A1 | Calotte | 1 | | |
| 828 | VTB-CMP-2200-B1 | Oil Seal 50/85/10-DL | 1 | | |

74120-2-09 GEARBOX, COMPOST BEATERS, SIDE



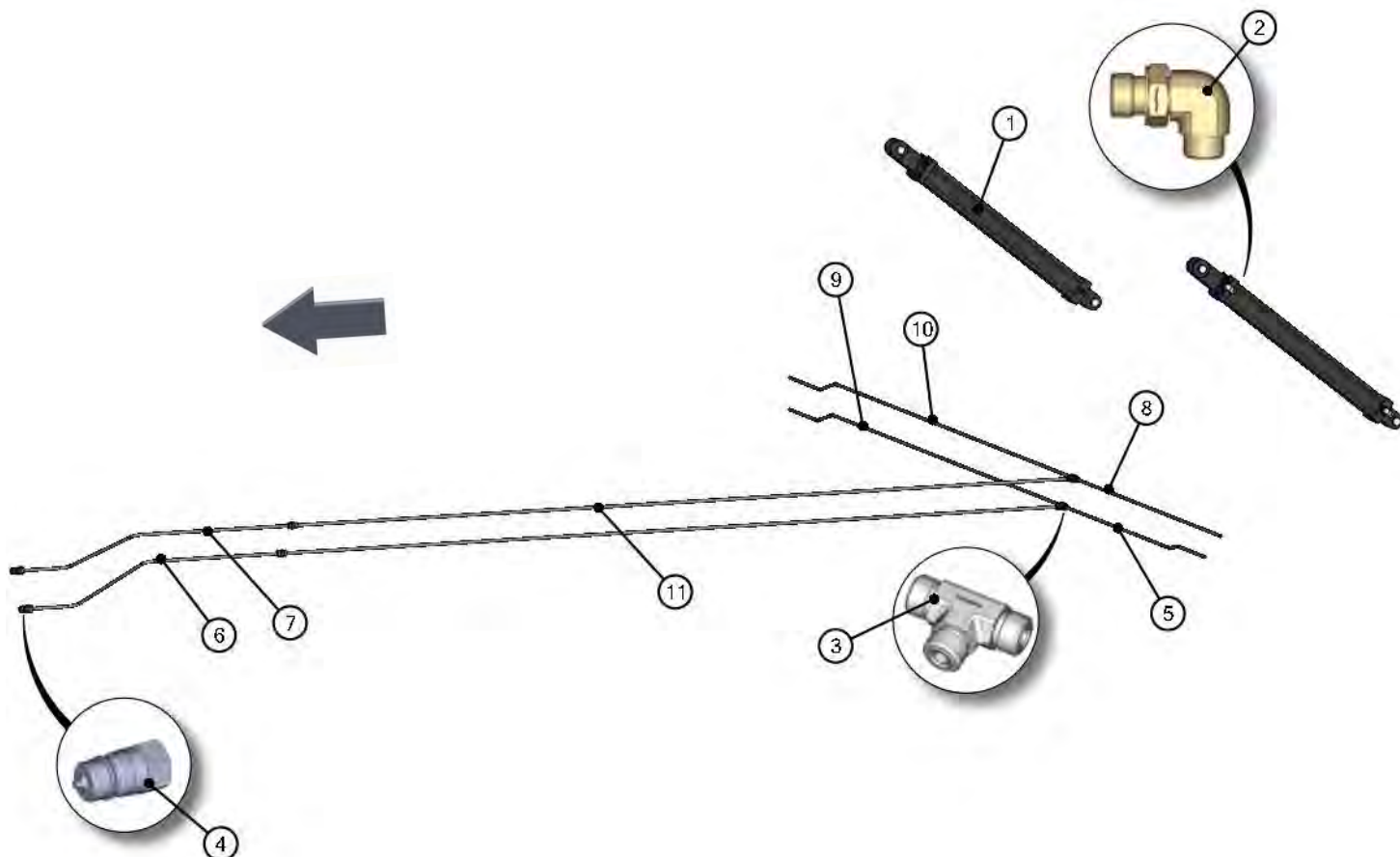
74119-3-01 HYDRAULICS, WEB DRIVE

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|-----------------------|---|-----|-------------|---------|
| 1 | PR80110 | Bracket, Relief Valve | 1 | | |
| 2 | A-FF6803-10-10-10 | TEE, 10MFF X 10MFF X 10 SAE | 1 | | |
| 3 | A-FF2503-10-08 | Elbow, 45, 10MFF x 8MP | 4 | | |
| 4 | A-FF6507-10-10 | Swivel Straight Adapter, 5/8" FFFX x 5/8" SAE | 3 | | |
| 5 | A-FF6500-10-10 | Elbow, 10MFF x 10FFFX | 2 | | |
| 6 | A-FF304-C-10 | Cap, 5/8" Male ORFS | 1 | | |
| 7 | A-6410-12-10 | #12 SAE O-Ring Port Reducer to #10 SAE | 1 | | |
| 8 | A-FF6802-12-12 | Elbow, 12MFF x 12SAE, 45 DEG | 1 | | |
| 9 | A-FF6400-10-10 | Union, 10MFF x 10SAE | 1 | | |
| 10 | A-FF6804-10-10-10 | Run Tee, 10SAE x 10MFF x 10MFF | 1 | | |
| 11 | A-FF2603-10-10-10 | TEE, 10MFF X 10MFF X 10MFF | 2 | | |
| 12 | HA-1004-4 | Test Point Plug #4 SAE Thread | 1 | | |
| 13 | HA-1005-T | Test Point Probe | 1 | | |
| 14 | HA-1004-G | Hydraulic, Pressure Gauge w/1/4 NPT Stem | 1 | | |
| 15 | VLV-075-BHP | Ball Valve, 3/4" SAE, High Pressure (58000psi) | 1 | | |
| 16 | A-QDS71X15 | Ag Quick Coupler, 1/2" ISO5675 x 8SAE | 2 | | |
| 17 | HV-CKV-C1020S | #10 Parker Check Valve, 5 psi Crack, 15 gpm | 1 | | |
| 18 | HV-RV-3H | Relief Valve w/ SAE #10 Ports | 1 | | |
| 19 | H10-40-10FFFX-10FFFX | 5/8in Hose, 5/8 Female ORFS x 5/8 ORFS x 40in Long | 2 | | |
| 20 | H10-84-10FFFX-10FFFX | 5/8in Hose, 5/8 Female ORFS x 5/8 ORFS x 84in Long | 2 | | |
| 21 | H10-84-10FFFX-8MOR | 5/8" Hose, 5/8" Female ORFS x 1/2" SAE | 1 | | |
| 22 | H10-90-10MFF-8MOR | 5/8in Hose, 5/8 Male ORFS x 1/2 SAE, 90in Long | 1 | | |
| 23 | H10-324-10FFFX-10FFFX | 5/8in Hose, 5/8 Female ORFS x 5/8 ORFS x 324in Long | 1 | | |
| 24 | H10-324-10FFFX-12FFFX | 5/8in Hose, 5/8 Female ORFS x 3/4 Female ORFS, 324in Long | 1 | | |



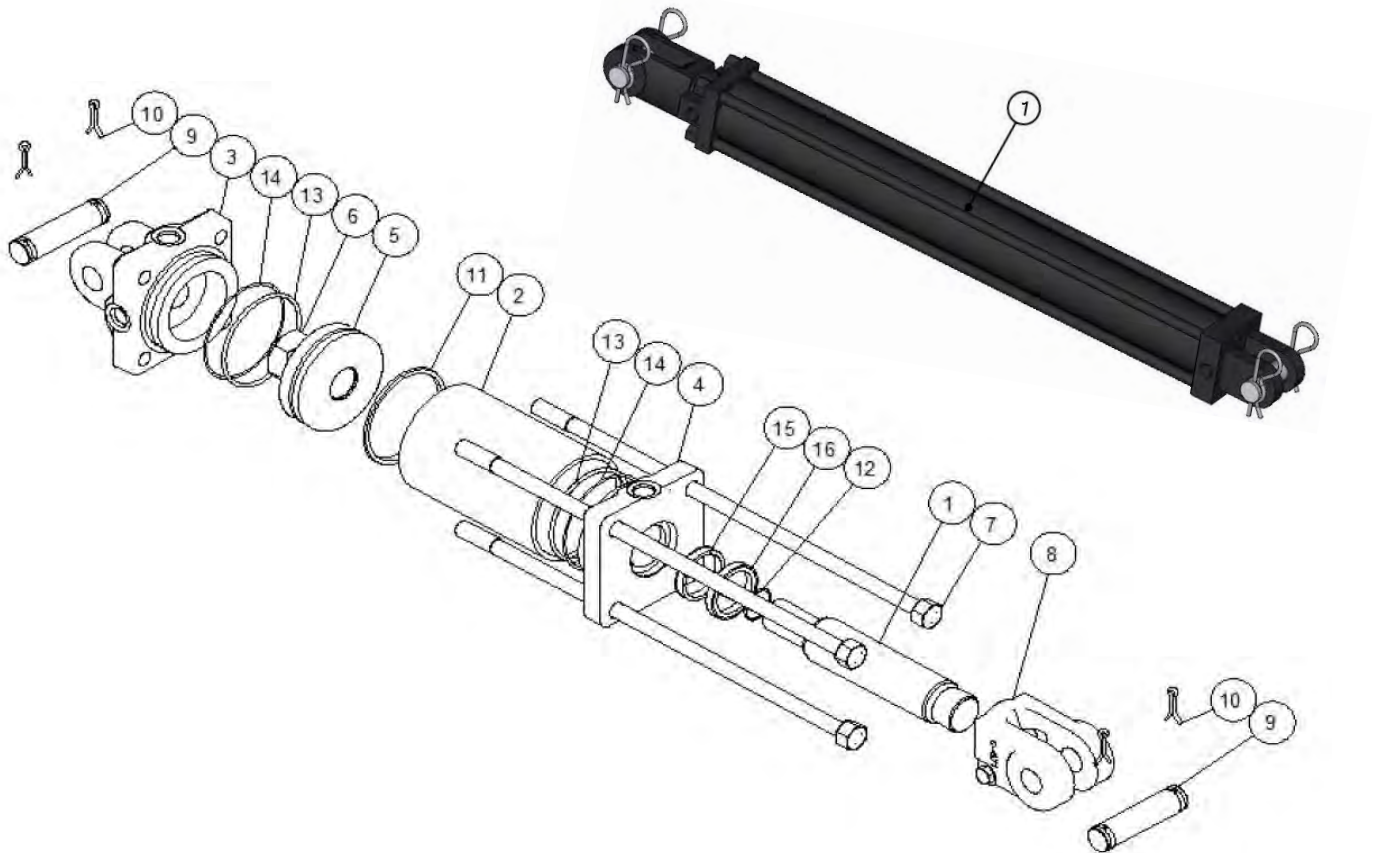
74119-3-02 HYDRAULICS, ENDGATE

| 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 | 2 | | |
| 2 | A-FF6801-06-08 | ELBOW, 90, 6MFF X 8SAE | 4 | | |
| 3 | A-FF2603-06-06-06 | Tee, 6MFF x 6MFF X 6MFF | 2 | | |
| 4 | A-QDS71X15 | Ag Quick Coupler, 1/2 ISO5675 x 8SAE | 2 | | |
| 5 | H4-84-6FFFX-6FFFX | 1/4in Hose, 3/8 Female ORFS x 3/8 Female ORFS x 84in Long | 1 | | |
| 6 | H6-100-6MFF-8MOR | 3/8" Hose, 3/8" Male ORFS x 1/2" SAE | 1 | | |
| 7 | H6-104-6MFF-8MOR | 3/8in Hose, 3/8 Male ORFS x 1/2 SAE x 104in Long | 1 | | |
| 8 | H4-108-6FFFX-6FFFX | 1/4in Hose, 3/8 Female ORFS x 3/8 Female ORFS x 108in Long | 1 | | |
| 9 | H4-120-6FFFX-6FFFX | 1/4in Hose, 3/8 Female ORFS x 3/8 Female ORFS x 120in Long | 1 | | |
| 10 | H4-144-6FFFX-6FFFX | 1/4in Hose, 3/8 Female ORFS x 3/8 Female ORFS x 144in Long | 1 | | |
| 11 | H4-324-6FFFX-6FFFX | 1/4in Hose, 3/8 Female ORFS x 3/8 Female ORFS x 324in Long | 2 | | |



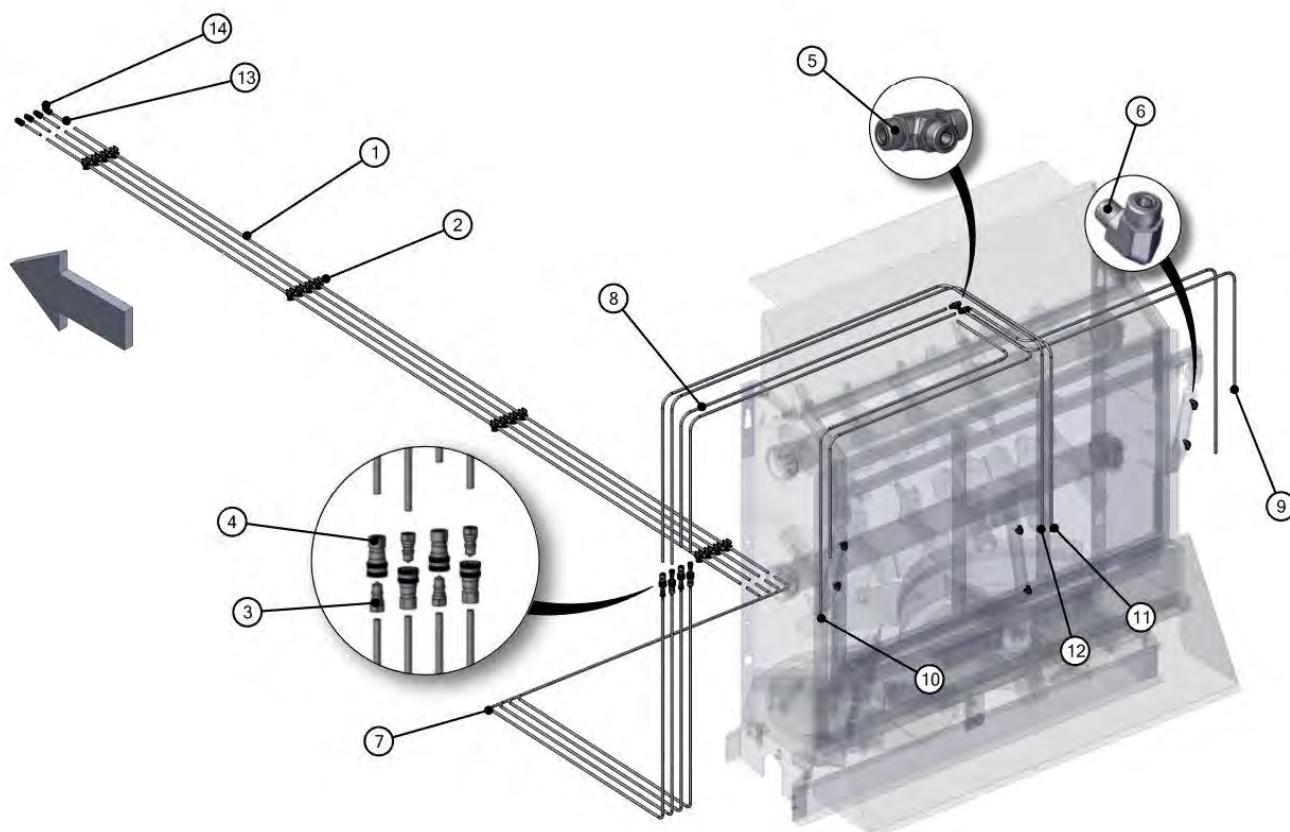
74115-3-03 ENDGATE CYLINDERS

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|-----------------|---|-----|--|---------------------------|
| | HC-250-2408-ORP | Hydraulic Cylinder 2 1/2 x 24 #8 SAE w/ O-Piston Ring Seal | 0 | | |
| | HC-250-125 | Seal Kit for 2 1/2 x 1 1/4 Cylinder | 1 | HC-250-3008 (642602, 645596) HC-250-2408-OR HC-250-6006 | 2500 or 3000psi cylinders |
| 1 | HC-250-2408-A | Piston Rod | 1 | | |
| 2 | HC-250-2408-B | Tube | 1 | | |
| 3 | HC-250-2408-C | Butt | 1 | | |
| 4 | HC-250-2408-D | Gland | 1 | | |
| 5 | HC-250-2408-E | Piston | 1 | | |
| 6 | HC-250-2408-F | Locknut | 1 | | |
| 7 | HC-250-2408-G | Tierod Assembly | 4 | | |
| 8 | HC-250-2408-H | Clevis Assembly | 1 | | |
| 9 | HC-250-2408-J | Clevis Pin | 2 | | |
| 10 | HC-250-2408-K | Cotter Pin | 4 | | |
| 11 | HC-250-2408-L | Crown Seal | 1 | | |
| 12 | HC-250-2408-M | O-Ring | 1 | | |
| 13 | HC-250-2408-N | O-Ring | 2 | | |
| 14 | HC-250-2408-O | Bu-Washer | 2 | | |
| 15 | HC-250-2408-P | U-Cup | 1 | | |
| 16 | HC-250-2408-Q | Wiper | 1 | | |



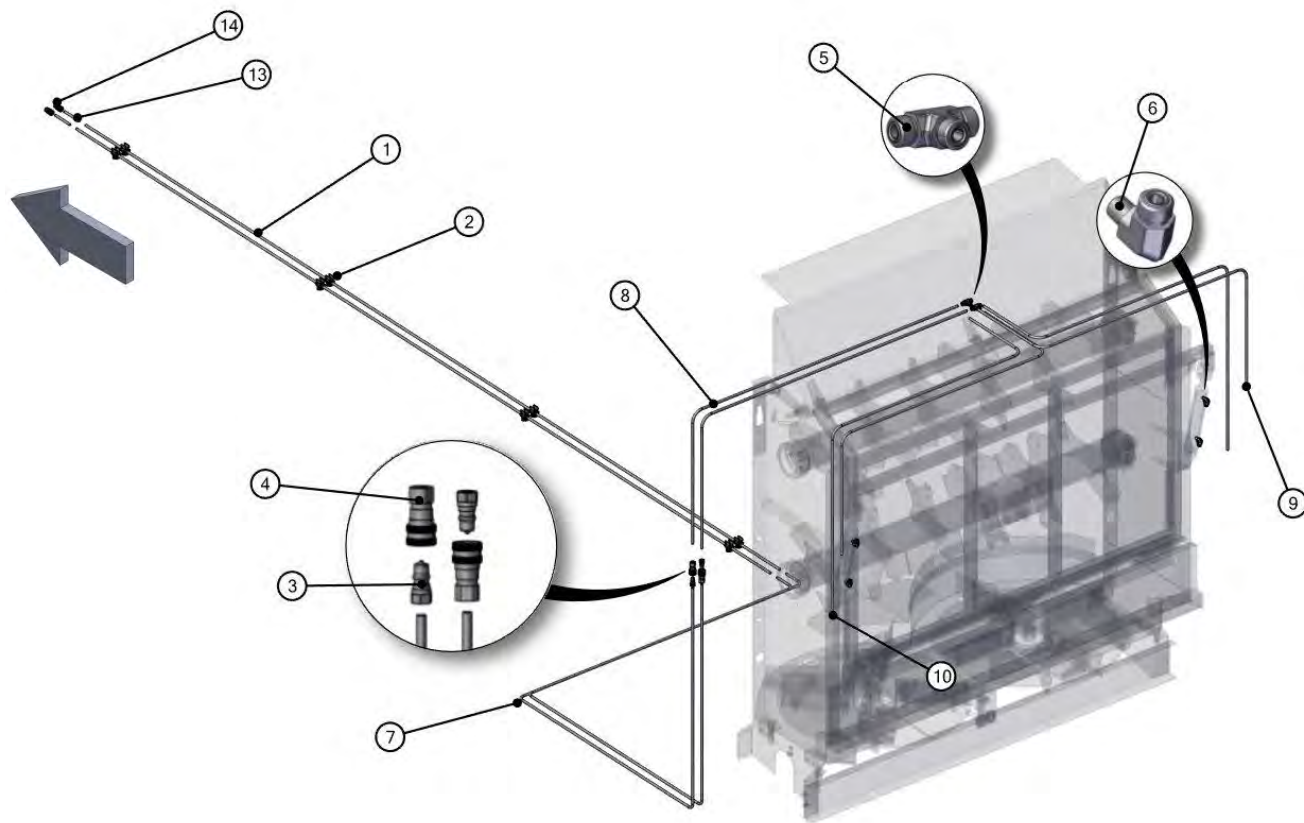
74120-3-04 COMPOST HYDRAULICS WITH TRIM PANEL

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|-------------------|--|-----|-------------|---------|
| 1 | H-T7063F | 3/8 SS Hydraulic Tube, 190, ORFS | 4 | | |
| 2 | HA-1074-H | Hydra-zorb Tube Clamp 3/8 (3 pc.) | 16 | | |
| 3 | A-QDFF04S916M | Flat Face Quick Disconnect, Male, 3/8 SAE Fitting | 4 | | |
| 4 | A-QDFF04S916F | Flat Face Quick Connector, Female, 3/8 SAE Fitting | 4 | | |
| 5 | A-FF2603-06-06-06 | Tee, 6MFF x 6MFF X 6MFF | 2 | | |
| 6 | A-FF2501-6-4 | Elbow, 3/8 Male ORFS x 1/4 MP | 6 | | |
| 7 | H6-120-6MFF-6MOR | 3/8 Hose, 3/8 Male ORFS x 3/8 SAE | 4 | | |
| 8 | H6-75-6MOR-6FFFX | 3/8 Hose, 3/8 SAE x 3/8 Female ORFS | 2 | | |
| 9 | H4-75-6FFFX-6FFFX | 1/4 Hose, 3/8 Female ORFS x 3/8 Female ORFS | 2 | | |
| 10 | H4-85-6FFFX-6FFFX | 1/4 Hose, 3/8 Female ORFS x 3/8 Female ORFS | 2 | | |
| 11 | H4-120-6MOR-6FFFX | 1/4 Hose, 3/8 SAE x 3/8 Female ORFS | 1 | | |
| 12 | H4-130-6MOR-6FFFX | 1/4 Hose, 3/8 SAE x 3/8 Female ORFS | 1 | | |
| 13 | H6-142-6MFF-8MOR | 3/8 Hose, 3/8 Male ORFS x 1/2 SAE | 4 | | |
| 14 | A-QDS71X15 | Ag Quick Coupler, 1/2 ISO5675 x 8SAE | 4 | | |



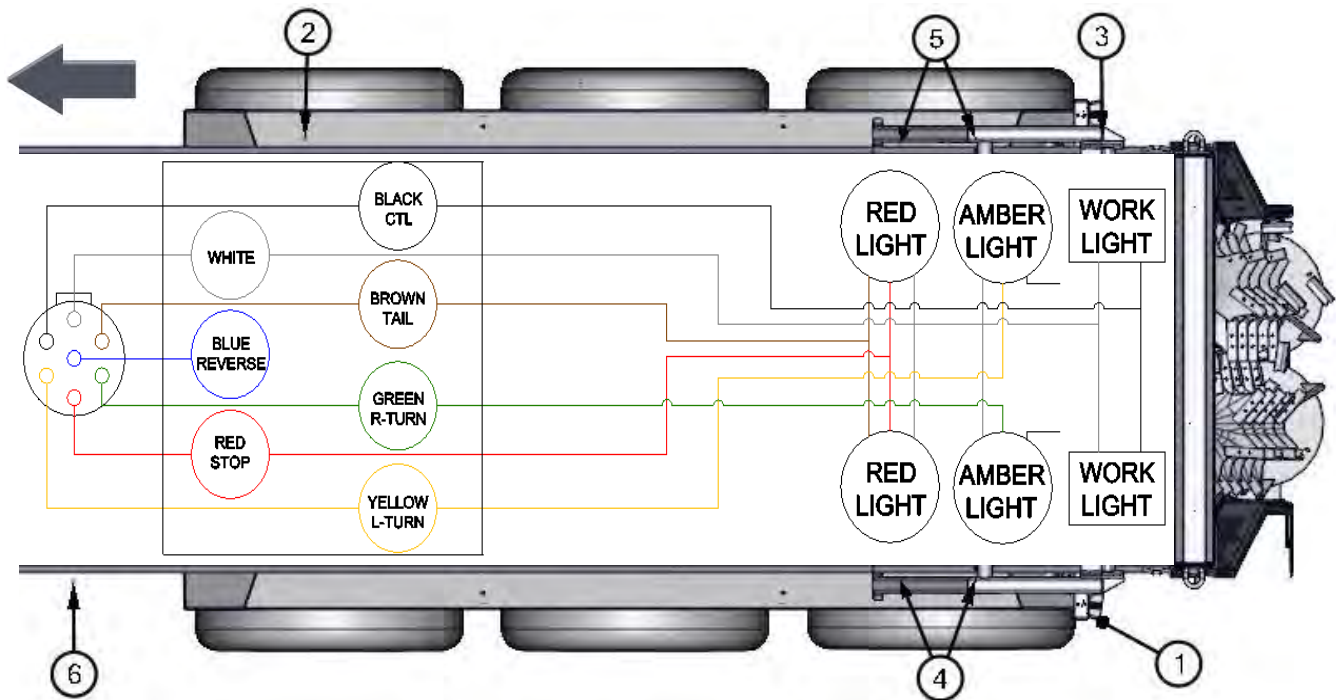
74120-3-05 COMPOST HYDRAULICS WITHOUT PANEL

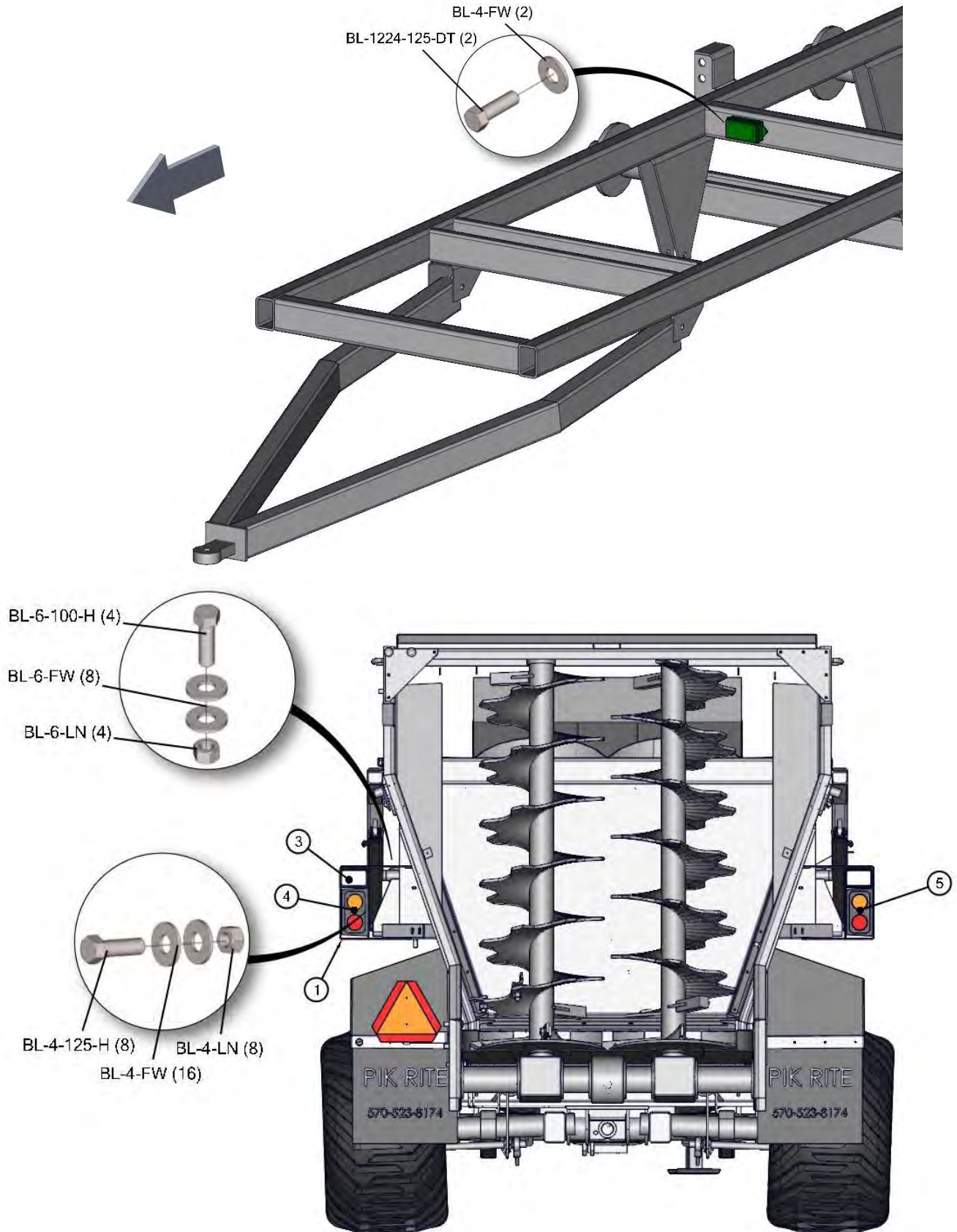
| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|-------------------|--|-----|-------------|---------|
| 1 | H-T7063F | 3/8 SS Hydraulic Tube, 190, ORFS | 2 | | |
| 2 | HA-1074-H | Hydra-zorb Tube Clamp 3/8 (3 pc.) | 8 | | |
| 3 | A-QDFF04S916M | Flat Face Quick Disconnect, Male, 3/8 SAE Fitting | 2 | | |
| 4 | A-QDFF04S916F | Flat Face Quick Connector, Female, 3/8 SAE Fitting | 2 | | |
| 5 | A-FF2603-06-06-06 | Tee, 6MFF x 6MFF X 6MFF | 2 | | |
| 6 | A-FF2501-6-4 | Elbow, 3/8 Male ORFS x 1/4 MP | 4 | | |
| 7 | H6-120-6MFF-6MOR | 3/8 Hose, 3/8 Male ORFS x 3/8 SAE | 2 | | |
| 8 | H6-75-6MOR-6FFFX | 3/8 Hose, 3/8 SAE x 3/8 Female ORFS | 2 | | |
| 9 | H4-75-6FFFX-6FFFX | 1/4 Hose, 3/8 Female ORFS x 3/8 Female ORFS | 2 | | |
| 10 | H4-85-6FFFX-6FFFX | 1/4 Hose, 3/8 Female ORFS x 3/8 Female ORFS | 2 | | |
| 13 | H6-142-6MFF-8MOR | 3/8 Hose, 3/8 Male ORFS x 1/2 SAE | 2 | | |
| 14 | A-QDS71X15 | Ag Quick Coupler, 1/2 ISO5675 x 8SAE | 2 | | |



74115-5-01 ELECTRICAL & LIGHTING

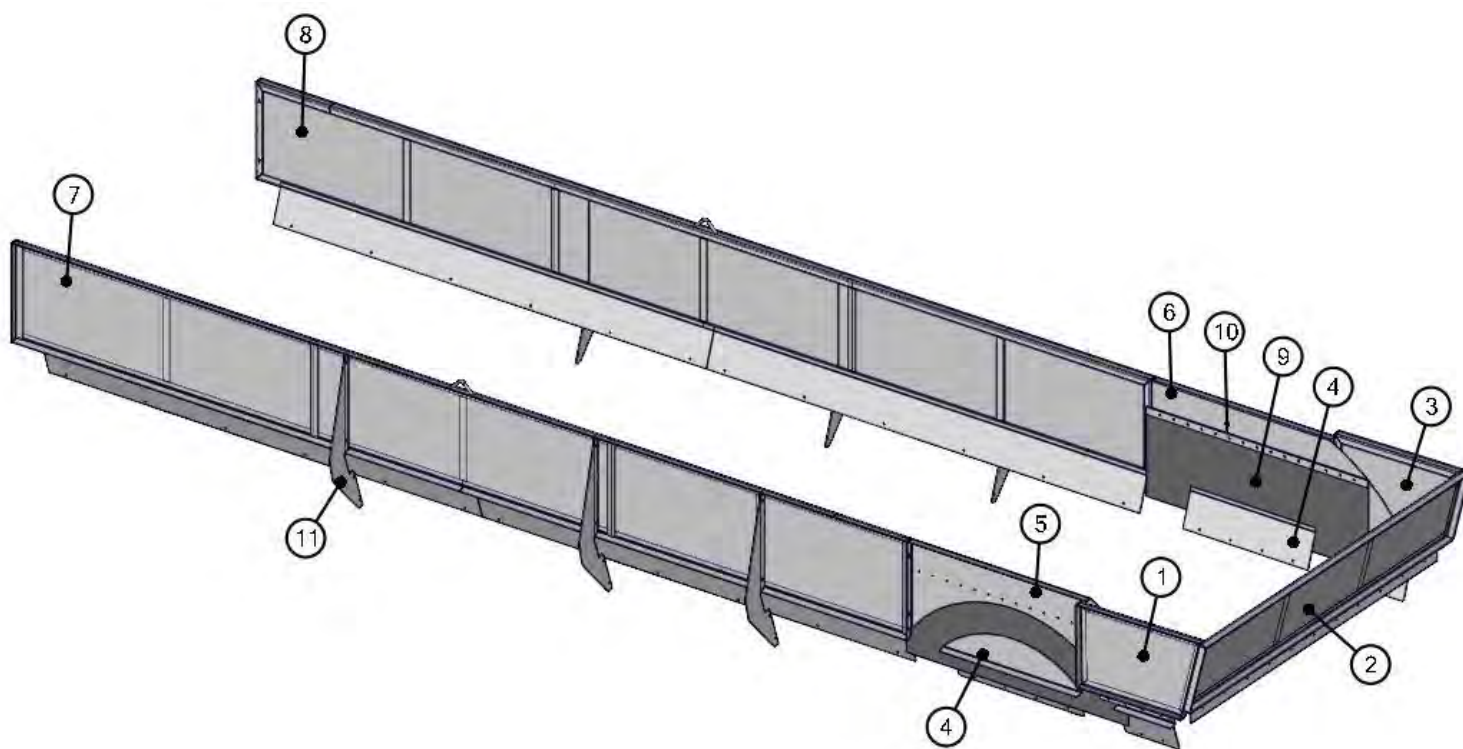
| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|----------------|---|-----|-------------|------------------|
| 1 | PR63007 | Light Bracket | 2 | | |
| 2 | EL-1361 | Junction Box, (7) Studs, (5) Entry, High Impact PE, 2.5x3.5x8.0 | 1 | 19426 | |
| 3 | EL-1233 | Light, Auxiliary Work Light, Clear, Trapezoid Beam, TL#80394 | 2 | | Replaces EL-1201 |
| 4 | EL-1501 | LED Ag Light, LH, w/ brake light | 1 | | |
| 5 | EL-1502 | LED Ag Light, RH, w/ brake light | 1 | | |
| 6 | ELT-37675 | 7 Conductor Plug w/ Spring, Rd Conn. | 1 | Trucks | |
| 7 | EL-1503 | 4-Pin LED Light Connector, LH | 1 | | |
| 8 | EL-1504 | 4-Pin LED Light Connector, RH | 1 | | |
| 9 | EL-40602-342 | Harness, Right Side Spreader Light | 1 | | |
| 10 | EL-40603-426 | Harness, Left Side Spreader Lights | 1 | | |
| 11 | EL-40604-13 | Harness, Work Lights, Spreader | 2 | | |
| 12 | EL-50780-362 | 7 Conductor x 30 Long, Harness | 1 | | |
| 13 | ELL-375 | 3/8 Wire Loom @ft | 2 | | |
| 14 | HA-1031 | Hydraulic Hose Holder 3/8 | 6 | | |
| 100 | BL-4-125-H | 1/4-20 X 1-1/4 HEX CAP G5 ZC | 8 | | |
| 101 | BL-4-FW | 1/4 USS FW ZC | 18 | | |
| 102 | BL-4-LN | 1/4-20 HEX LN NE ZC | 8 | | |
| 103 | BL-6-100-H | 3/8-16 X 1 HH C/S BOLT G5 ZC | 4 | | |
| 104 | BL-6-FW | 3/8 USS FW ZC | 8 | | |
| 105 | BL-6-LN | 3/8-16 FIN H LN NE A563 GA ZC | 4 | | |
| 106 | BL-1224-125-DT | 12-24 x 1 1/4 Drill and Tap Screw | 2 | | |





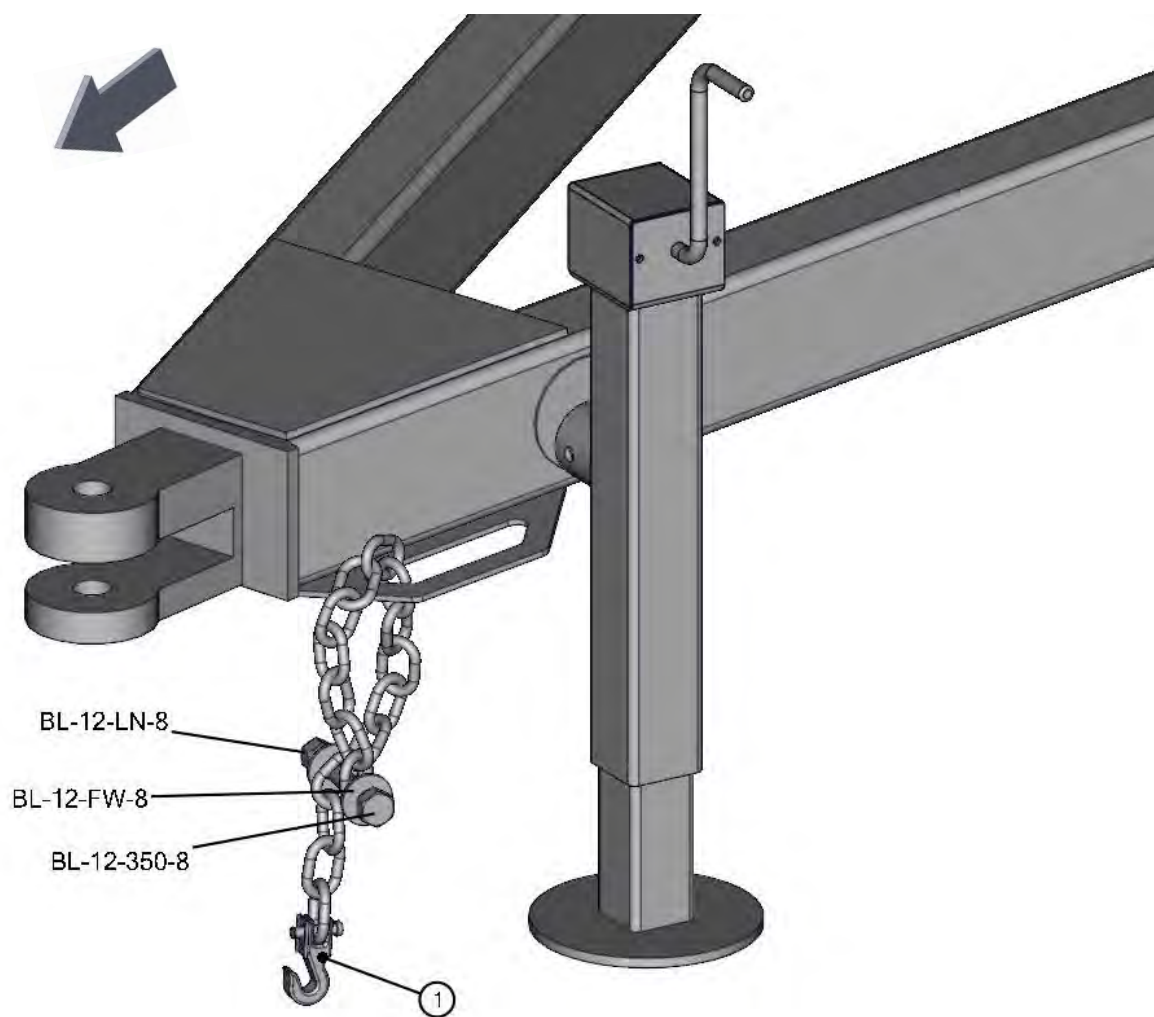
74120-5-02 OPTIONAL SIDE EXTENSIONS

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|------------|-------------------------------------|-----|-------------|---------|
| 1 | PR39200 | Left Endgate Side Panel, Extension | 1 | | 1 |
| 2 | PR39201 | Rear Endgate Panel, Extension | 1 | | 2 |
| 3 | PR39202 | Right Endgate Side Panel, Extension | 1 | | 3 |
| 4 | PR39203 | Lower Slot Panel, Extension | 2 | | 4 |
| 5 | PR39204 | Left Upper Slot Panel, Extension | 1 | | 5 |
| 6 | PR39205 | Right Upper Slot Panel, Extension | 1 | | 6 |
| 7 | PR39206 | Left Side Panel, Extension | 1 | | 7 |
| 8 | PR39207 | Right Side Panel, Extension | 1 | | 8 |
| 9 | PR39208 | Belting, Extension | 2 | | 9 |
| 10 | PR39209 | Belting Backing Plate, Extension | 2 | | 10 |
| 11 | PR39175 | Gusset, Side Extension | 6 | | 11 |
| 12 | BL-6-100-H | 3/8-16 X 1 HH C/S BOLT G5 ZC | 16 | | 12 |
| 13 | BL-6-100-C | 3/8-16 X 1 CARRIAGE BOLT G5 ZC | 66 | | 13 |
| 14 | BL-6-400-C | 3/8-16 X 4 CARRIAGE BOLT G5 ZC | 12 | | 14 |
| 15 | BL-6-400-H | 3/8-16 X 4 HEX CAP G5 ZC | 11 | | 15 |
| 16 | BL-6-450-H | 3/8 x 4 1/2 HEX BOLT | 8 | | 16 |
| 17 | BL-6-175-H | 3/8-16 X 1-3/4 HHCS G5 ZC | 4 | | 17 |
| 18 | BL-6-125-H | 3/8-16 X 1-1/4 HHCS G5 ZC | 4 | | 18 |
| 19 | BL-6-FW | 3/8 USS FW ZC | 164 | | 19 |
| 20 | BL-6-N | 3/8-16 HEX NUT ZC | 121 | | 20 |



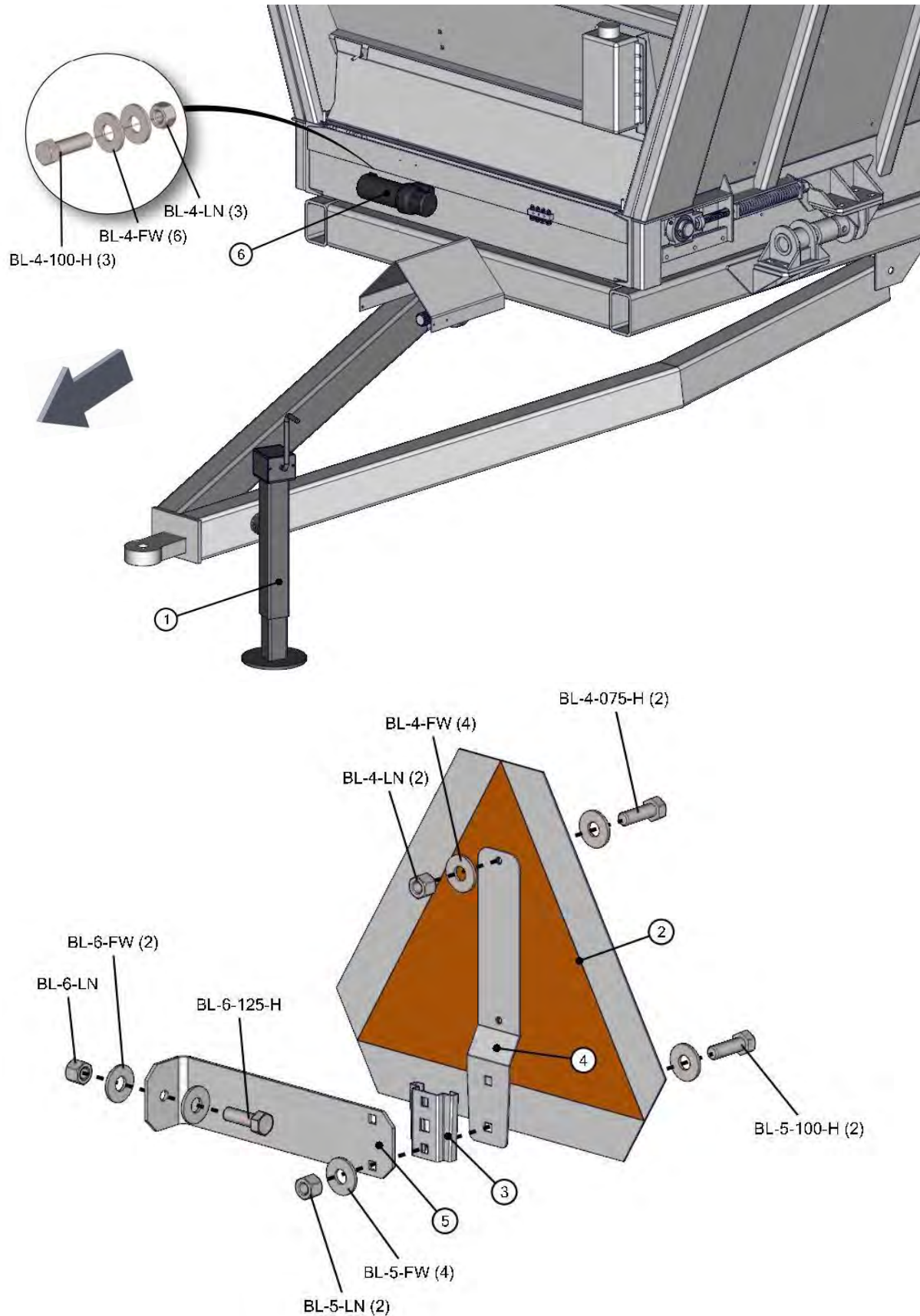
74115-6-01 SAFETY TOW CHAIN

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|-------------|---|-----|-------------|---------|
| 1 | FRM-3172 | Safety Chain, Agricultural, 60,600 lb. Capacity | 2 | | |
| 101 | BL-12-350-8 | 3/4-10 X 3-1/2 HH C/S G8 ZC | 2 | | |
| 102 | BL-12-FW-8 | 3/4 FW G8 | 4 | | |
| 103 | BL-12-LN-8 | 3/4-10 LN w/ NYLON INSERTS G8 | 2 | | |



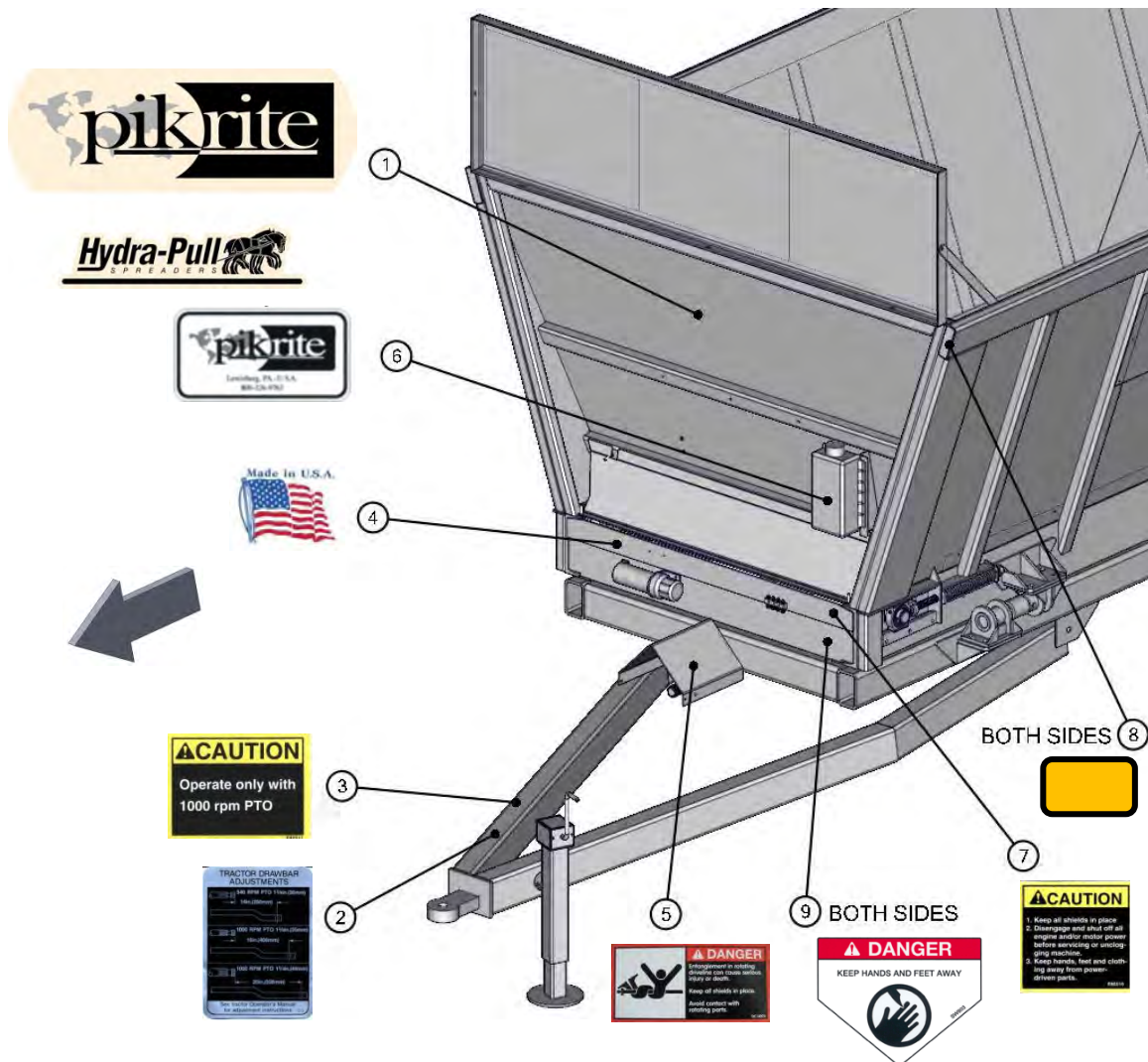
74120-6-02 ACCESSORIES

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|------------|--|-----|----------------------------|---------|
| | MAN-0062 | Manual, Parts & Operation, HP1100 Spreader | 1 | | |
| 1 | WH-16216 | Jack Weldment, Sidewind Jack, 9,000 lb. | 1 | 71009002-70209006-70318008 | |
| 2 | SMV-PL | SMV Sign, Metal | 1 | | |
| 3 | SMV-S | Socket for Spade Mount | 1 | | |
| 4 | SMV-SM | Spade Mount | 1 | | |
| 5 | PR63006 | Bracket, SMW Sign, Gearbox Mount | 1 | | |
| 6 | MAN-67670 | Manual Holder/Canister | 1 | | |
| 100 | BL-4-075-H | 1/4-20 X 3/4 HH C/S BOLT G5 ZC | 2 | | |
| 101 | BL-4-100-H | 1/4-20 X 1 HH C/S G5 ZC | 3 | | |
| 102 | BL-4-FW | 1/4 USS FW ZC | 10 | | |
| 103 | BL-4-LN | 1/4-20 HEX LN NE ZC | 5 | | |
| 104 | BL-5-100-H | 5/16 UNC X 1 HH C/S BOLT GR5 ZINC | 2 | | |
| 105 | BL-5-FW | 5/16 USS FW ZC | 4 | | |
| 106 | BL-5-LN | 5/16-18 HEX LN NE ZC | 2 | | |
| 107 | BL-6-125-H | 3/8-16 X 1-1/4 HHCS G5 ZC | 1 | | |
| 108 | BL-6-FW | 3/8 USS FW ZC | 2 | | |
| 109 | BL-6-LN | 3/8-16 FIN H LN NE A563 GA ZC | 1 | | |



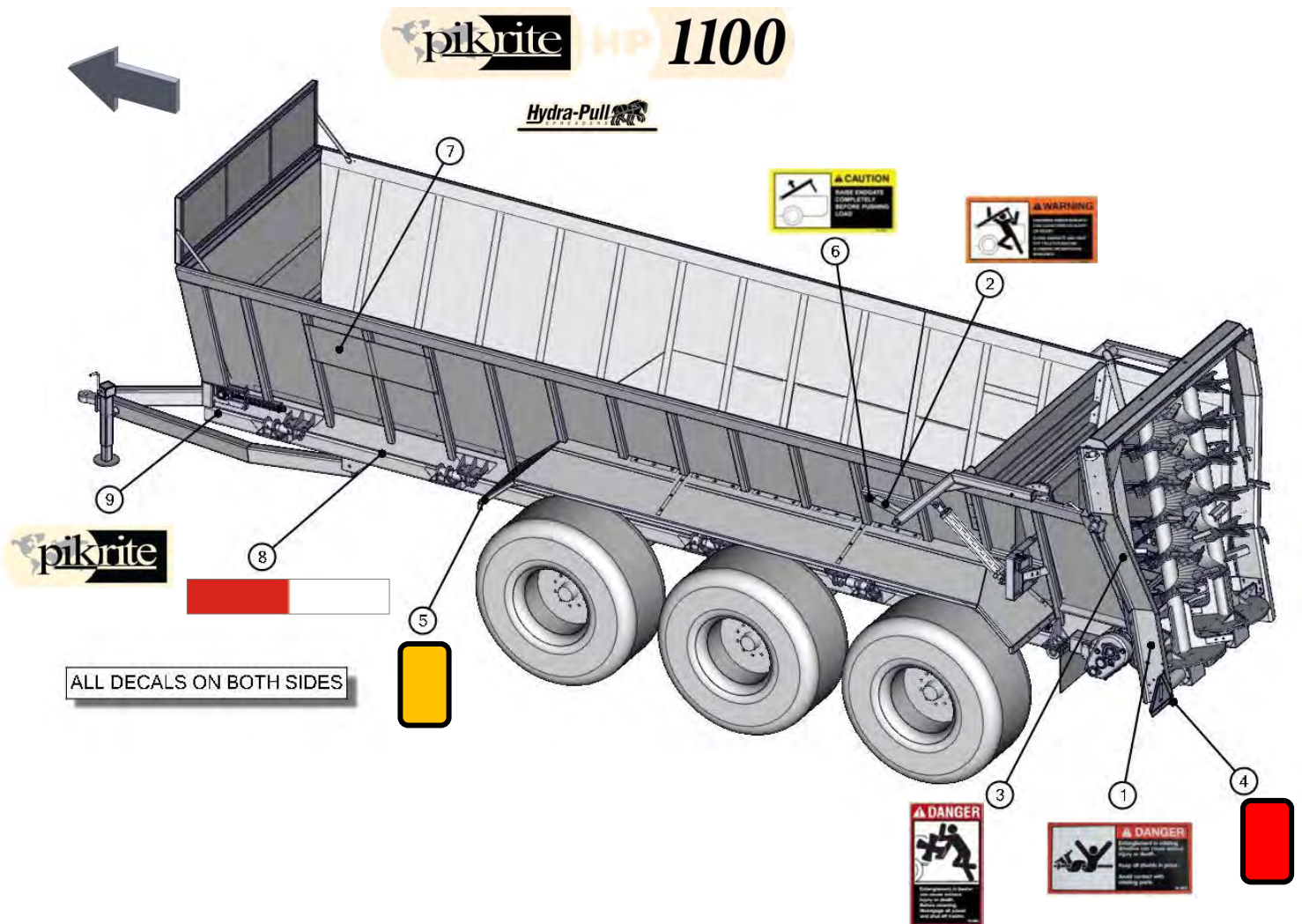
74115-6-04 DECALS, FRONT OF SPREADER

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|----------|---|-----|-------------|---------|
| | RI-3-6-P | Pop Rivets 3/16 x 3/8 Domed, .375 head, ea. | 2 | | |
| 1 | DC-0103 | Pikrite/Hydra-Pull Spreaders 14.23 x 22.8 | 1 | | |
| 2 | DC-0022 | Decal, Tractor Drawbar Adjustments | 1 | | |
| 3 | DC-0021 | Decal, Caution, 1000 rpm PTO | 1 | | |
| 4 | DC-0011 | Decal, All, 'Made in USA', White Back w/ Red & Blue Letters | 1 | | |
| 5 | DC-0025 | Decal, Danger, Entanglement In Rotating Drive | 2 | | |
| 6 | DC-4W | Decal, Logo, White, 5.25 Long, Tanks, 1/29/99 | 1 | | |
| 7 | DC-0023 | Decal, Caution, Keep All Shields In Place | 1 | | |
| 8 | EL-1226 | Decal Reflector, Rectangle, Yellow, 2x3.5, Adhesive | 2 | | |
| 9 | DC-1174 | Decal, Danger Keep Hands and Feet Away | 2 | | |



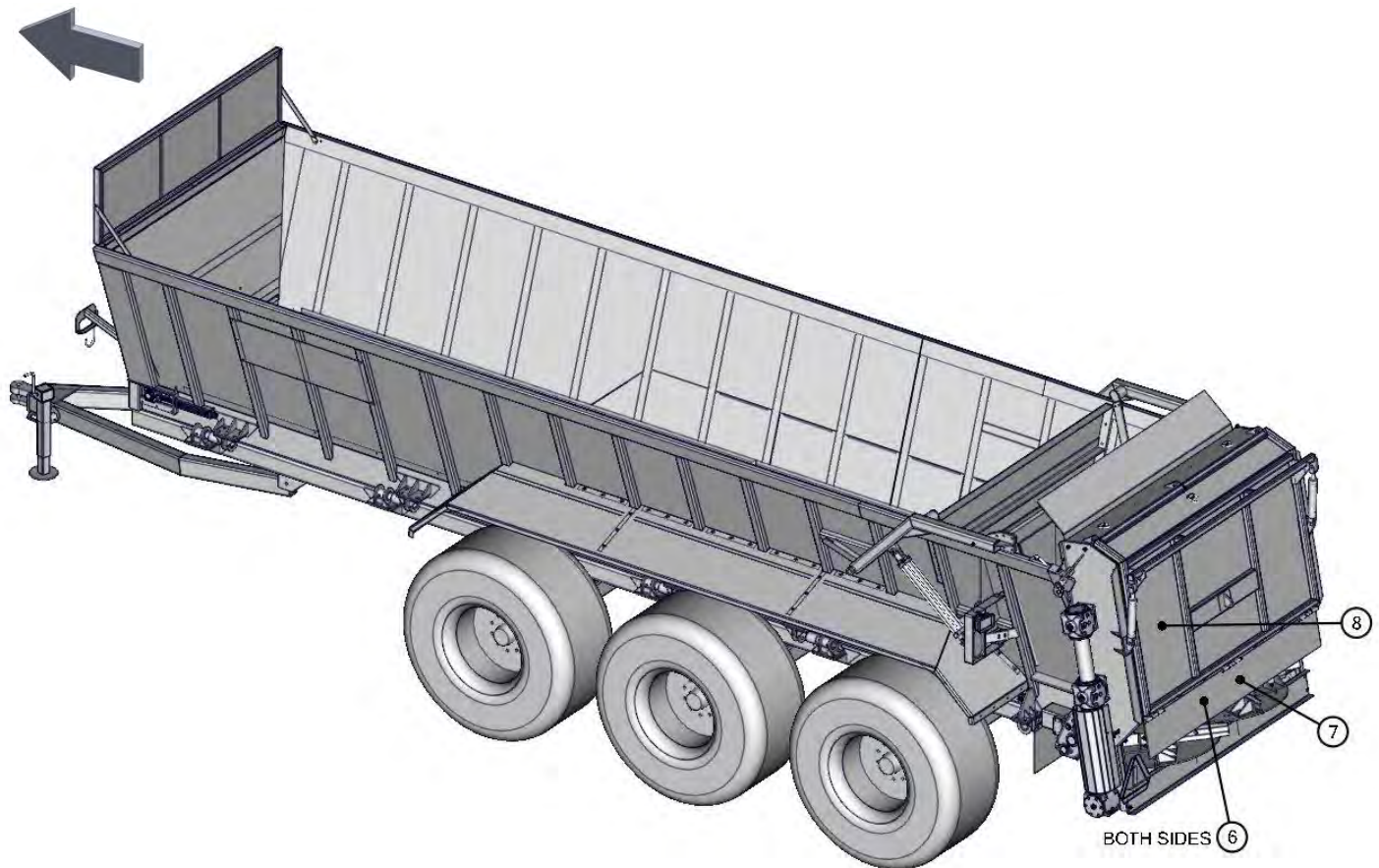
74115-6-05 DECALS, SIDES & REAR

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|---------|---|---------|-------------|--|
| 1 | DC-0025 | Decal, Danger, Entanglement In Rotating Drive | 2 | | |
| 2 | DC-0026 | Decal, Warning, Crushing Under Endgate | 2 | | |
| 3 | DC-0030 | Decal, Danger, Entanglement In Beater | 2 | | |
| 4 | DC-0033 | Decal, Red, Reflector, Spreader | 2 | | |
| 5 | EL-1226 | Decal Reflector, Rectangle, Yellow, 2x3.5, Adhesive | 2 | | ** Replace with EL-1226 ** Do Not Order |
| 6 | DC-0038 | Decal, Caution, Raise Endgate Completely | 2 | | |
| 7 | DC-0111 | Pikrite/Hydra-Pull/HP1100 Spreaders 14.23 x 46.38 | 2 | | |
| 8 | DC-3025 | Red and White Reflective Tape @ 150 ft Roll | 0.14667 | | |
| 9 | DC-4W | Decal, Logo, White, 5.25 Long, Tanks, 1/29/99 | 2 | | |



74120-6-05A DECALS ON COMPOST

| REF | PART | DESCRIPTION | QTY | WILL FIT SN | REMARKS |
|-----|----------|-------------------------------|-----|-------------|---------|
| 6 | DC-ARROW | Decal, Yellow Direction Arrow | 2 | | |
| 7 | DC-1184 | Danger Decal, 3" x 16" | 1 | | |
| 8 | SMV-D | SMV Sign, Decal | 1 | | |



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 operators 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: HP1100

DEALER: _____

SERIAL NUMBER: _____

ADDRESS: _____

PURCHASE DATE: _____

PHONE: _____

SALESMAN: _____

Keep Page for Your Records