

BUILT TO WORK THE WAY YOU WORK



# OPERATION & PARTS MANUAL



## PIK RITE, INC.

60 PIK RITE LANE  
LEWISBURG, PA 17837

FAX 570-523-8175  
PHONE 800-326-9763  
[WWW.PIKRITE.COM/SPREADERS](http://WWW.PIKRITE.COM/SPREADERS)

PROUDLY MADE IN THE USA



October 10, 2019

(SPECIFICATIONS AND DESIGN SUBJECT TO CHANGE WITHOUT NOTICE)

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)



# Table of Contents

<b>OPERATOR'S MANUAL .....</b>	<b>7</b>
SAFETY .....	8
PREPARING THE TRACTOR .....	13
PREPARING THE SPREADER.....	15
CONTROLS .....	16
ATTACHING THE SPREADER .....	17
DETACHING THE SPREADER .....	19
TRANSPORT .....	20
OPERATING THE SPREADER .....	23
LUBRICATION & MAINTENANCE .....	26
SPECIFICATIONS .....	31
<b>PARTS MANUAL.....</b>	<b>32</b>
7115-1-01 Main Frame & Side Panels .....	35
7115-1-02 Main Floor & Sliding Floor Guides.....	36
7115-1-03 Sliding Floor.....	37
7115-1-04 Pusher .....	38
7115-1-04A Opt. Compost Pusher .....	39
7115-1-05 Front Panels & Shields.....	40
7115-1-06 Endgate .....	41
7115-1-07 Walking Beam .....	42
7115-1-07A Opt. Walking Beam, Drum Brakes.....	43
7115-1-07B Opt. Walking Beam Hyd. Disc Brakes .....	44
7115-1-07C Opt. Walking Beam, Disc Brakes, Eur. Cplr. ....	45
7115-1-09 Tires & Wheels, Implement Tires.....	46
7115-1-09A Opt. Tires & Wheels, Truck Tires.....	46
7115-1-08 Hubs & Spindles .....	46
7115-1-10 Opt. Weight Scale System, NT460.....	47

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

Phone: 800-326-9763  
Fax: 570-523-8175  
[www.pikrite.com](http://www.pikrite.com)

**HR 550**  
**Manure Spreader**





7115-1-10A	Opt. Weight Scale System, GT400.....	48
7115-1-11	Opt. Side Extensions.....	49
7115-1-12	Opt. Rock Guard.....	50
7115-2-01	Driveline, Front, 1000 rpm 1-3/8" CV .....	51
7115-2-01A	Driveline, Front, 1000 rpm 1-3/4" CV .....	52
7115-2-02	Driveline, Rear .....	53
7115-2-02A	Driveline, Rear, Compost Beaters .....	54
7115-2-03	Driveline, Mid Shaft & Shields.....	55
7115-2-04	Vertical Beaters .....	56
7115-2-04A	Opt. Compost Beaters .....	58
7115-2-05	Gearbox, Main Beaters .....	60
7115-3-01	Hydraulics, Push & Floor Cylinders .....	61
7115-3-02	Hydraulics, Endgate Cylinders .....	62
7115-3-03	Cylinder, Sliding Floor.....	63
7115-3-04	Cylinder, Pusher .....	64
7115-3-05	Cylinder, Endgate .....	65
7115-3-06	Opt. Control Valve, Open Center .....	66
7115-3-07	Opt. Remote Flow Control .....	67
7115-4-01	Safety Chain.....	68
7115-4-02	Accessories .....	69
7115-4-03	Light Assembly, LED .....	70
7115-4-04	Decals, Front.....	71
7115-4-05	Decals, Sides .....	72
<b>WARRANTY .....</b>		<b>75</b>

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

Phone: 800-326-9763  
Fax: 570-523-8175  
[www.pikrite.com](http://www.pikrite.com)

**HR 550**  
**Manure Spreader**



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

Phone: 800-326-9763  
Fax: 570-523-8175  
[www.pikrite.com](http://www.pikrite.com)

***HR 550***  
**Manure Spreader**



# OPERATOR'S MANUAL

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

Phone: 800-326-9763  
Fax: 570-523-8175  
[www.pikrite.com](http://www.pikrite.com)

***HR 550***  
**Manure Spreader**

## SAFETY



## RECOGNIZE SAFETY INFORMATION

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

**Follow recommended precautions and safe operating practices**

**⚠ DANGER**

**⚠ WARNING**

**⚠ CAUTION**

## UNDERSTAND SIGNAL WORDS

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

DANGER or WARNING safety signs are located near specific hazards. General precautions are listed on CAUTION safety signs. CAUTION also calls attention to safety messages in this manual.



## FOLLOW SAFETY INSTRUCTIONS

Carefully read all safety messages in this manual and on your machine safety signs. Keep safety signs in good condition. Replace missing or damaged safety signs. Be sure new equipment components and repair parts include the current safety signs. Replacement safety signs are available from your Pik Rite dealer.

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.



## 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.



## 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.



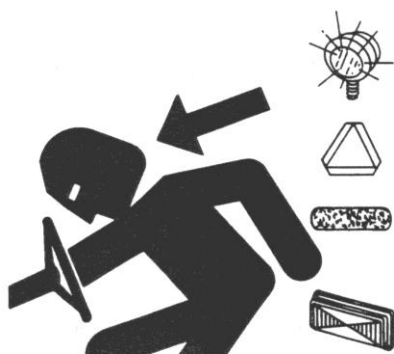
## WEAR PROTECTIVE CLOTHING

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.



## 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.



## 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

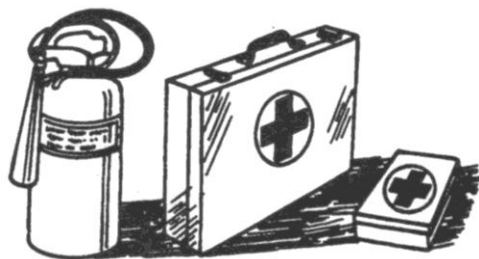


## PARK SPREADER SAFELY

Park spreader on a level surface and block wheels.

Close endgate.

Secure jackstand with pin.



## 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.

## 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.

## 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.



## 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.



## 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.

## 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.



**WARNING: DO NOT CUT OR WELD ON VERTICAL BEATER ATTACHMENT, SERIOUS INJURY OR DEATH COULD OCCUR WHEN OPERATING**

## 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.



## 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.



## 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

## PREPARING THE TRACTOR

### APPROVED TRACTORS

Row Crop Tractors with 160 HP PTO rating or larger are approved for operation with the HP550 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 tractors with a drawbar size of less than 1-1/2 x 3 in.

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

Tractor standby hydraulic pressure must be between 1500 psi and 2250 psi

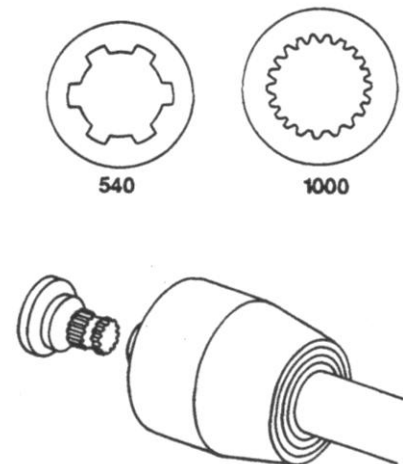
One selective control valve is required to operate the spreader.

A second selective control valve is required to operate the endgate.

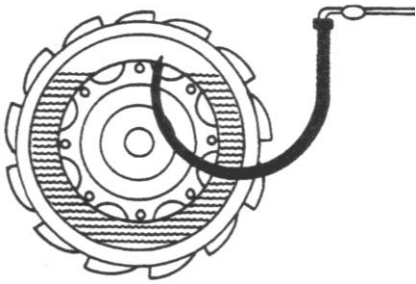
### CHOOSING CORRECT PTO SPEED

**MODEL: HP 550** – 1000 rpm std.

**IMPORTANT:** 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.



# PREPARING THE TRACTOR

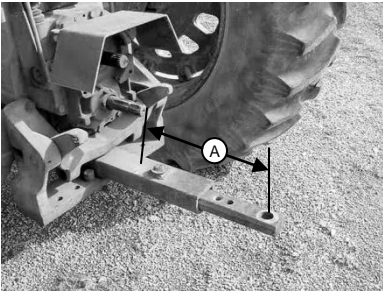


## BALLASTING THE TRACTOR

**CAUTION:** Do not tow loads that weigh more than twice the tractor weight. (See Recommended Maximum Towing Speed in Transporting section.)

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

## POSITIONING DRAWBAR



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

Remove clevis if equipped.

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

PTO Speed	Dimension (A)
1000 rpm -1-3/8	406 mm (16 in.)
1000 rpm -1-3/4	508mm (20in.)

A tractor drawbar support is required on tractors with a drawbar size of less than 1-1/2 x 3 in.

## USING SELECTIVE CONTROL LEVERS TO CONTROL FLOOR 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 6.8 gpm. Trying to force through more oil than this, may create a pressure drop.

## SETTING HYDRAULIC SPEED ENDGATE OPERATION

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

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

## CHECKING TRANSMISSION/HYDRAULIC OIL LEVEL

- Cycle all hydraulic cylinders fully two or three times.
- Fully retract all cylinders.
- Check transmission/hydraulic oil level. (See your tractor operator's manual.)

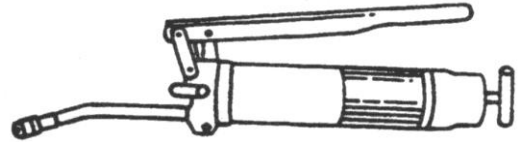
# PREPARING THE SPREADER

## PREPARING THE SPREADER

### LUBRICATING THE MACHINE

Be sure the machine has been adequately lubricated.

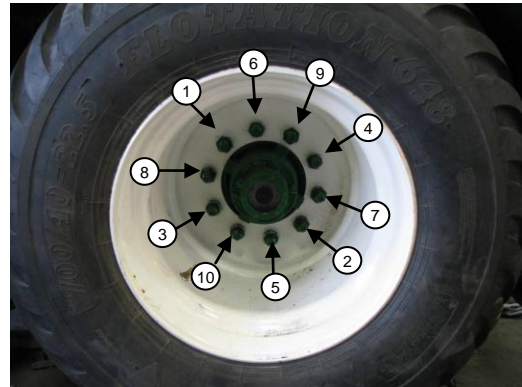
(See Lubrication and Maintenance page.)



### TIGHTENING WHEEL HARDWARE

**IMPORTANT:** 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 420 lb-ft of dry torque (310 lb-ft wet) in the sequence shown.



Tire Size	Wheel Size	Tire Pressure
-----------	------------	---------------

550/60 – 22.5 Implement	22.5 x 16	40 PSI
-------------------------	-----------	--------

425/65 R 22.5 Truck Tires	22.5 x 13	115 PSI
---------------------------	-----------	---------

*\* Additional options may be available, please contact your dealer for more information*

### 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.



## CONTROLS

### 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.

### OPERATING THE ENDGATE

**IMPORTANT:** Contact of sliding floor/moving panel with endgate will cause damage. To avoid contact with sliding floor, endgate must be raised a minimum of 6 in. To avoid contact with moving panel, endgate must be raised fully.

Operate the endgate with the second auxiliary control valve lever.

**WARNING:** Endgate is not a metering device. Doing so may cause damage to the spreader.



### OPERATING SLIDING FLOOR/MOVING PANEL USING METERING CONTROL VALVE

To extend the sliding floor and moving panel lock control lever in operating position.

To retract the sliding floor/moving panel, move control lever in opposite direction.

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 control valve is 6.8 gpm. Trying to force through more oil than this, may create a pressure drop.

# ATTACHING THE SPREADER

## ATTACHING THE SPREADER

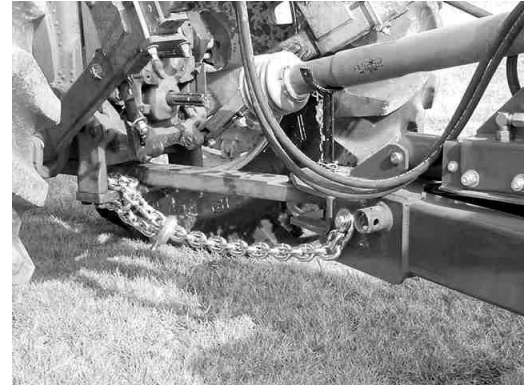
### ATTACHING SPREADER

**CAUTION:** 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 1-1/8 pin and secure.

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

2. Lock safety hook onto chain.



### STORING JACKSTAND

1. After the spreader is attached to the tractor and secure, remove jackstand from lift position.
2. Store jackstand as shown and secure with pin.



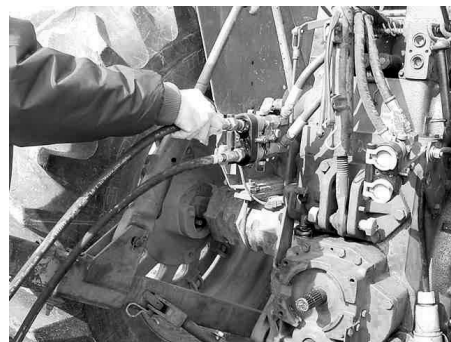
### CONNECT HYDRAULIC HOSES

**CAUTION:** To avoid injury from escaping hydraulic oil under pressure, relieve the pressure in the system by shutting off the tractor and moving remote cylinder operating levers in both directions before attaching hoses to or detaching hoses from the breakaway couplers.



### CONNECT ENDGATE HYDRAULIC HOSES

1. Connect pressure hose to pressure port of hydraulic remote coupler.
2. Connect return hose to return port of hydraulic remote coupler.



# ATTACHING THE SPREADER

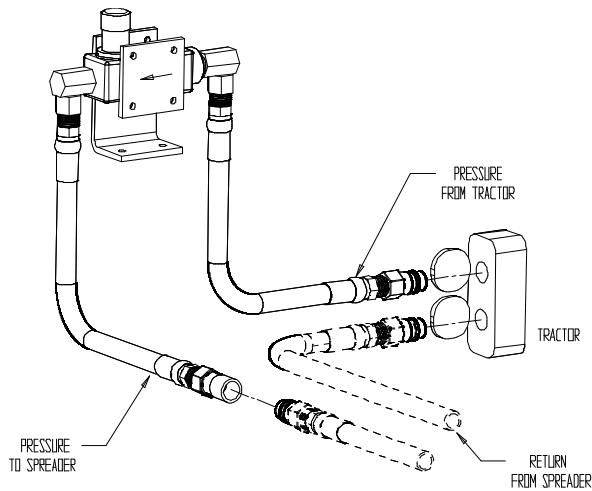
## CONNECTING HYDRAULIC HOSES

### TRACTOR WITH CLOSED CENTER HYDRAULIC SYSTEM

Attach control valve to tractor where it can be reached by the operator.

Attach hoses accordingly.

(Diagram shows unloading configuration, flow reverses to retract.)



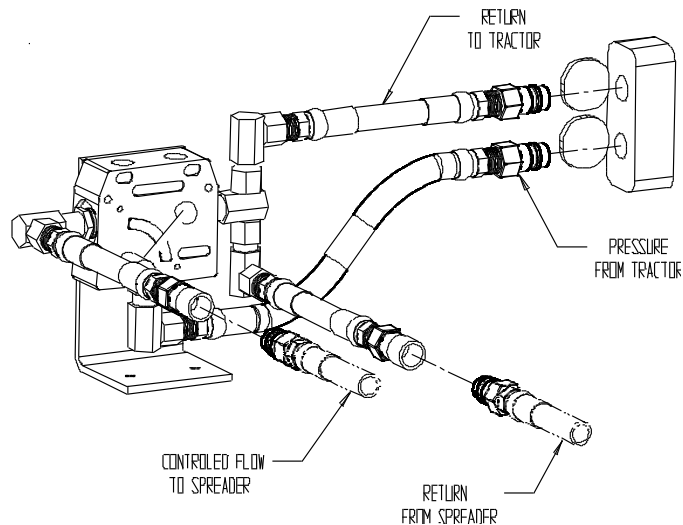
## CONNECTING HYDRAULIC HOSES

### TRACTOR WITH OPEN CENTER HYDRAULIC SYSTEM

Attach control valve to tractor where it can be reached by the operator.

Attach hoses accordingly.

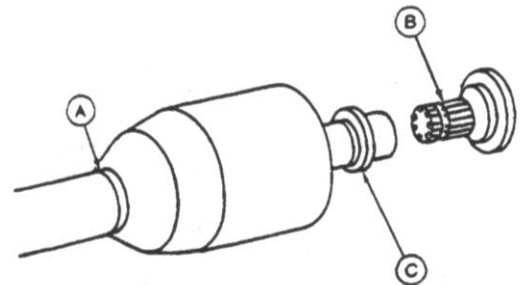
(Diagram shows unloading configuration, flow reverses to retract.)



## ATTACHING DRIVELINE

**IMPORTANT:** 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

## DETACHING THE SPREADER

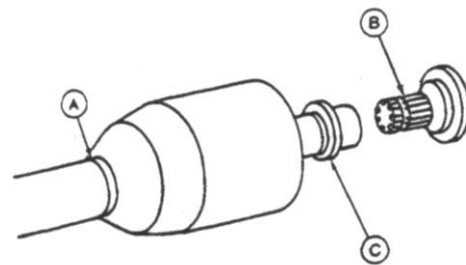
### DETACHING SPREADER

1. Remove jackstand from storage position, place and secure in lift position.
2. Detach safety chain.
3. Remove hitch pin.
4. Disconnect hoses and control valve. Store on spreader.



### 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.

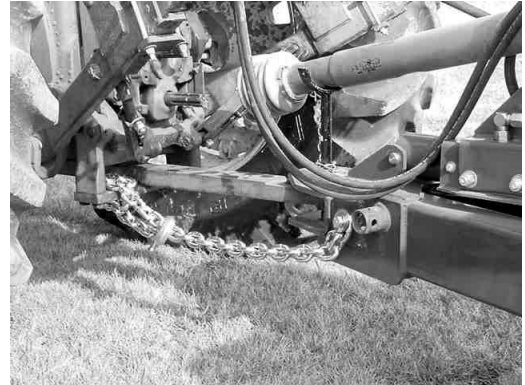




## TRANSPORT

### USING A SAFETY CHAIN

**CAUTION:** 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.



1. Attach safety tow chain

### LIGHTING

**CAUTION:** 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-Ram Dealer for available lighting kit*





## TOWING LOADS






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



*Follow recommended speed-weight ratio guidelines:*

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

## RECOMMENDED MAXIMUM TOWING SPEED

Gross Tractor Weight	COMBINED WEIGHT OF SPREADER AND LOAD			
				
<u>Tractor Weight</u>				

(0-2997 lb)	Do Not Tow	Do Not Tow	Do Not Tow	Do Not Tow
(2998-5950 lb)	(10 mph)	Do Not Tow	Do Not Tow	Do Not Tow
(5951-11021 lb)	(10 mph)	Do Not Tow	Do Not Tow	Do Not Tow
(11022-12123 lb)	(20 mph)	Do Not Tow	Do Not Tow	Do Not Tow
(12124-14769 lb)	(20 mph)	Do Not Tow	Do Not Tow	Do Not Tow
(14770-22044 lb)	(20 mph)	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

## OPERATING THE SPREADER

### PREOPERATING CHECKS

1. Be sure spreader does not contain any foreign objects
2. Check for correct hydraulic hookup. Raise endgate fully. Engage beaters. Engage the pusher.
3. Retract the pusher, disengage beaters
4. Close endgate

### LOADING THE SPREADER

**CAUTION:** 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.



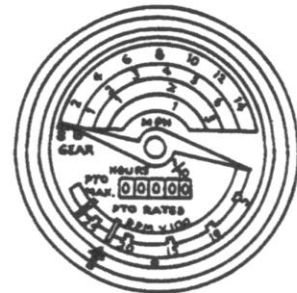
### PREPARE TO UNLOAD THE SPREADER

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

1. Start beater by engaging PTO slowly at low engine rpm. Increase to “PTO RATED” speed.

**NOTE:** For best spreading results, operate tractor at “PTO RATED” speed.

**WARNING:** Do not operate the pusher without running the beaters as this may damage the spreader



# OPERATING THE SPREADER

## RAISE ENDGATE

**IMPORTANT:** Contact of sliding floor/moving panel With endgate will cause damage. To avoid contact with sliding floor, endgate must be raised a minimum of 6 in. To avoid contact with moving panel, endgate must be raised fully.

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

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



## UNLOADING SPREADER USING METERING VALVE

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

**Note:** 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, retract the pusher, disengage PTO, and lower endgate.

## 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 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.

## 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.

Remove material buildup from endgate panel. Keep endgate arms clean to prevent freezing to side rails. Remove debris from sliding floor, pusher tracks, and beater pan. Periodically check inside the pusher door and remove debris as necessary.

**NOTE:** Although cleaning regularly is recommended, it is only necessary during extended *periods of subfreezing temperatures*.

# OPERATING THE SPREADER

## CLEAN WALKING BEAM

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



## 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.



## 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.

# LUBRICATION & MAINTENANCE

## LUBRICATION & MAINTENANCE

**CAUTION:** 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.

## OBSERVING INTERVALS

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

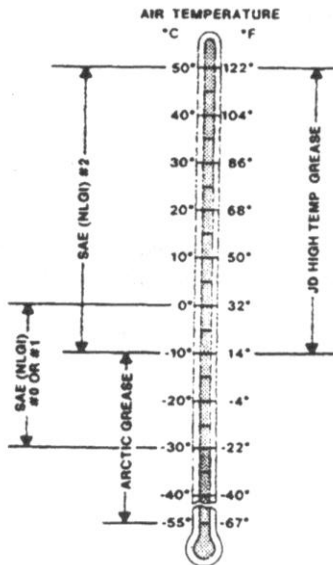


## SELECTING GREASE

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.

**NOTE:** Moly-type grease is recommended, however, if not available, a multipurpose grease is acceptable.



## SELECTING GEAR CASE OIL

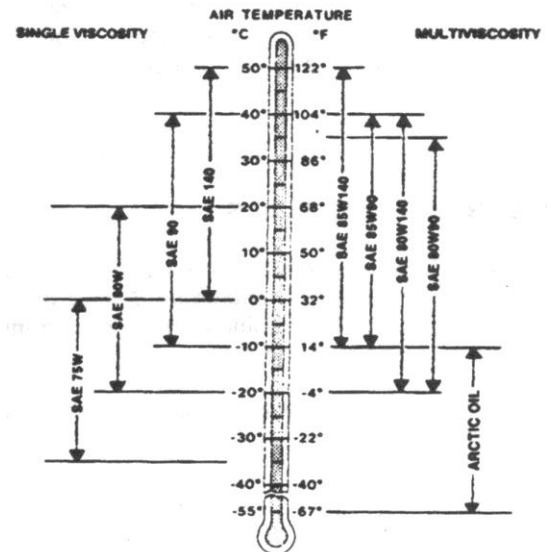
Depending upon the expected air temperature range during the drain interval, use oil viscosity shown on the adjoining temperature chart.

**Approved gear lube: 80W90**

Also:

- 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 & MAINTENANCE

## SERVICE INTERVALS

Lubricate driveline every 8 hrs

- Lubricate top beater bearings every 40 hrs
- Check gear case oil level every 8 hrs
- Check tires every 8 hrs
- Check axle hub oil every 8 hrs

## EVERY 50 HOURS

- Tighten wheel hardware
- Lubricate walking beam pivots

## EVERY 250 HOURS

- Lubricate endgate pivots

## SERVICE AS REQUIRED

- Slip the clutch

## GEARBOX

- Change lubricant every 6,000 loads

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.

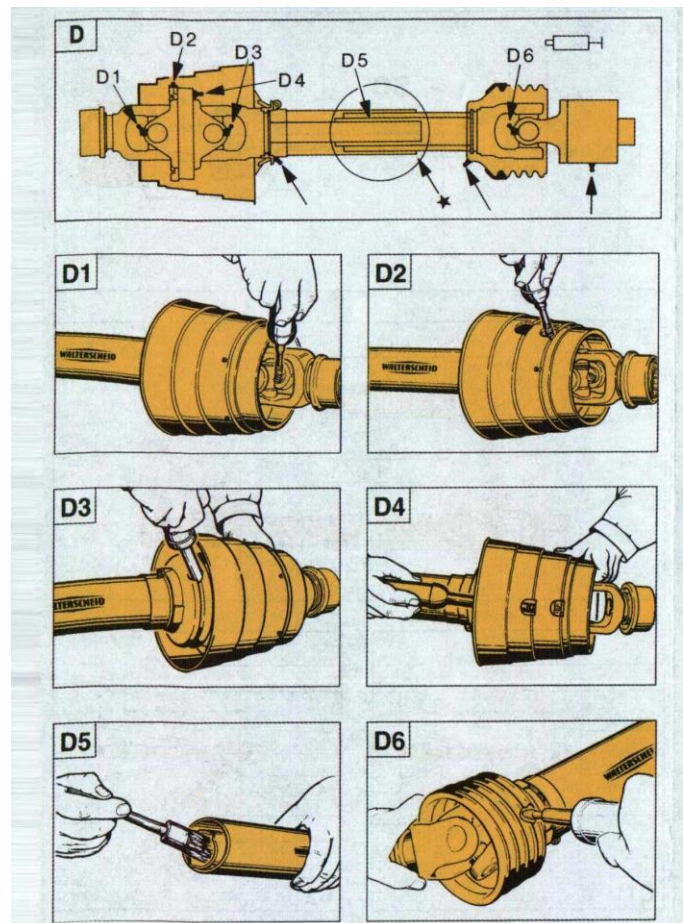
The key point is that each CV has one zerk in a bearing cap and it is this zerk that is most important since it feeds the inboard cross kit as well as the the ball and socket of the CV. The user needs to understand that the zerk in the cap should receive **15-20 pumps** of grease each day.

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.



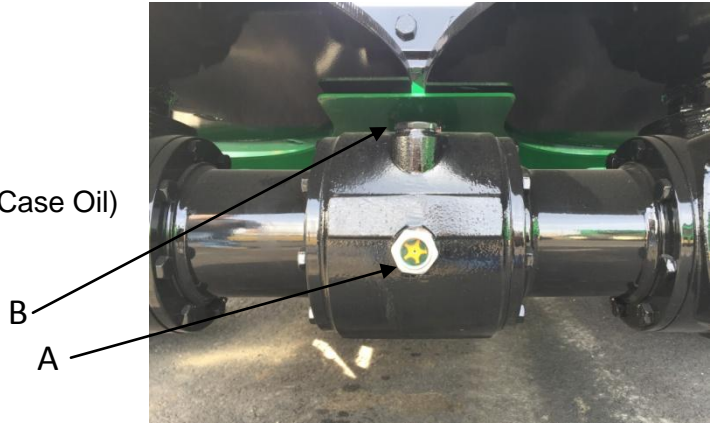


# LUBRICATION & MAINTENANCE

## CHECK GEAR CASE OIL LEVEL

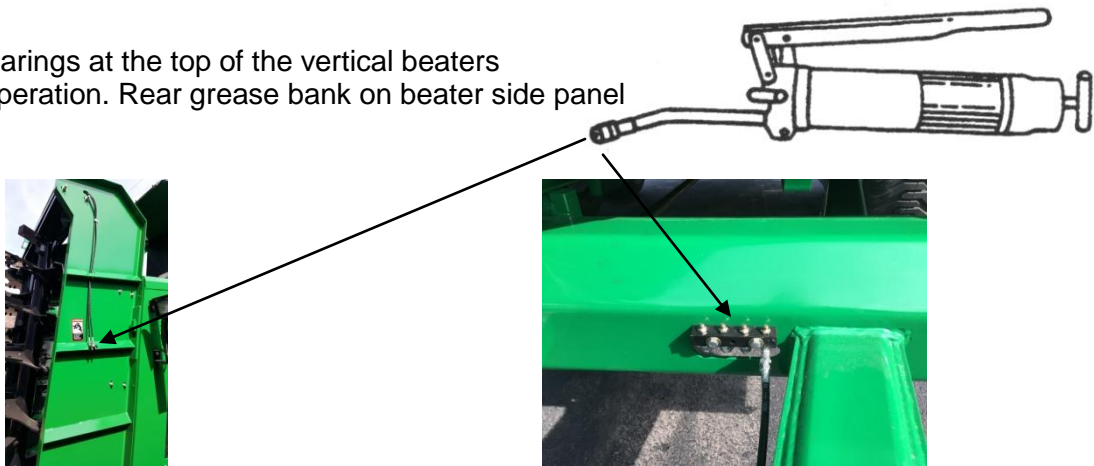
With spreader on level ground, check oil level at the sight glass on the center gearcase."A"

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



## 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



## WHEELS AND TIRES

Drop center wheels with recapped truck tires or implement tires are available.

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

Tire Size	Wheel Size	Tire Pressure
550/60 – 22.5 Implement	22.5 x 16	40 PSI
425/65 R 22.5 Truck Tires	22.5 x 13	115 PSI





# LUBRICATION & MAINTENANCE

## LUBRICATE WALKING BEAM PIVOTS

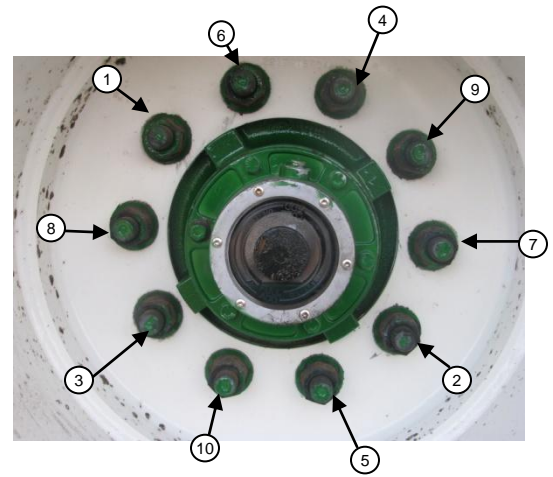
1. Place a jack under the spreader main frame.
2. Raise spreader enough to relieve weight from walking beam.
3. Lubricate grease bank (A) with Moly High Temperature/Extreme Pressure Grease.



## 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.**

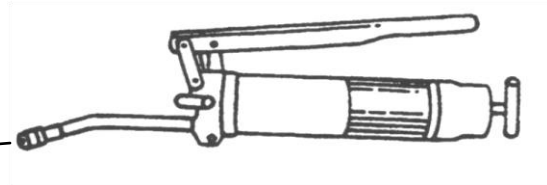
Tighten to 170 lb.-ft. in the sequence shown.



# LUBRICATION & MAINTENANCE

## LUBRICATE THE THREE PILLOW BLOCKS UNDER THE SPREADER THAT CARRY THE MAIN POWER SHAFT, USING CENTRAL GREASE LOCATION

Lubricate grease fitting with Moly High Temperature/Extreme Pressure Grease.



## 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.



## ADJUST SLIDING FLOOR/MOVING PANEL SEALS

The rubber seals on the moving panel and sliding floor are adjustable.

Properly adjusted seals will minimize leakage and ensure a clean wiping action on the sides and floor.

Inspect adjust, or replace seals as necessary.



**SPECIFICATIONS**

**SPECIFICATIONS**

Tractor Size (Minimum)	160 hp PTO
Weight	
Spreader, Complete with Implement tires and all Attachments	12420 lb
Load Capacity	33200 lb
Volume Capacity	
Struck Level	435 cu. ft.
Heaped Load	604 cu. ft.
Beater Speed	420 rpm
Unloading Speed	0-16 ft/min Infinitely Variable
Driveline	Shielded 1000 rpm
Attachments	Control For Fender or ROPS Open Center Valve With Control Endgate

Specifications and design subject to change without notice



# PARTS MANUAL

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

Phone: 800-326-9763  
Fax: 570-523-8175  
[www.pikrite.com](http://www.pikrite.com)

***HR 550***  
**Manure Spreader**

### **DIRECTION ARROW**

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.

### **BOX ENCLOSED ILLUSTRATIONS**

A REFERENCE NUMBER, SHOWN IN THE PARTS LIST, IS ASSIGNED TO A BOX ENCOMPASSING ALL PARTS SOLD AS A SERVICE ASSEMBLY.

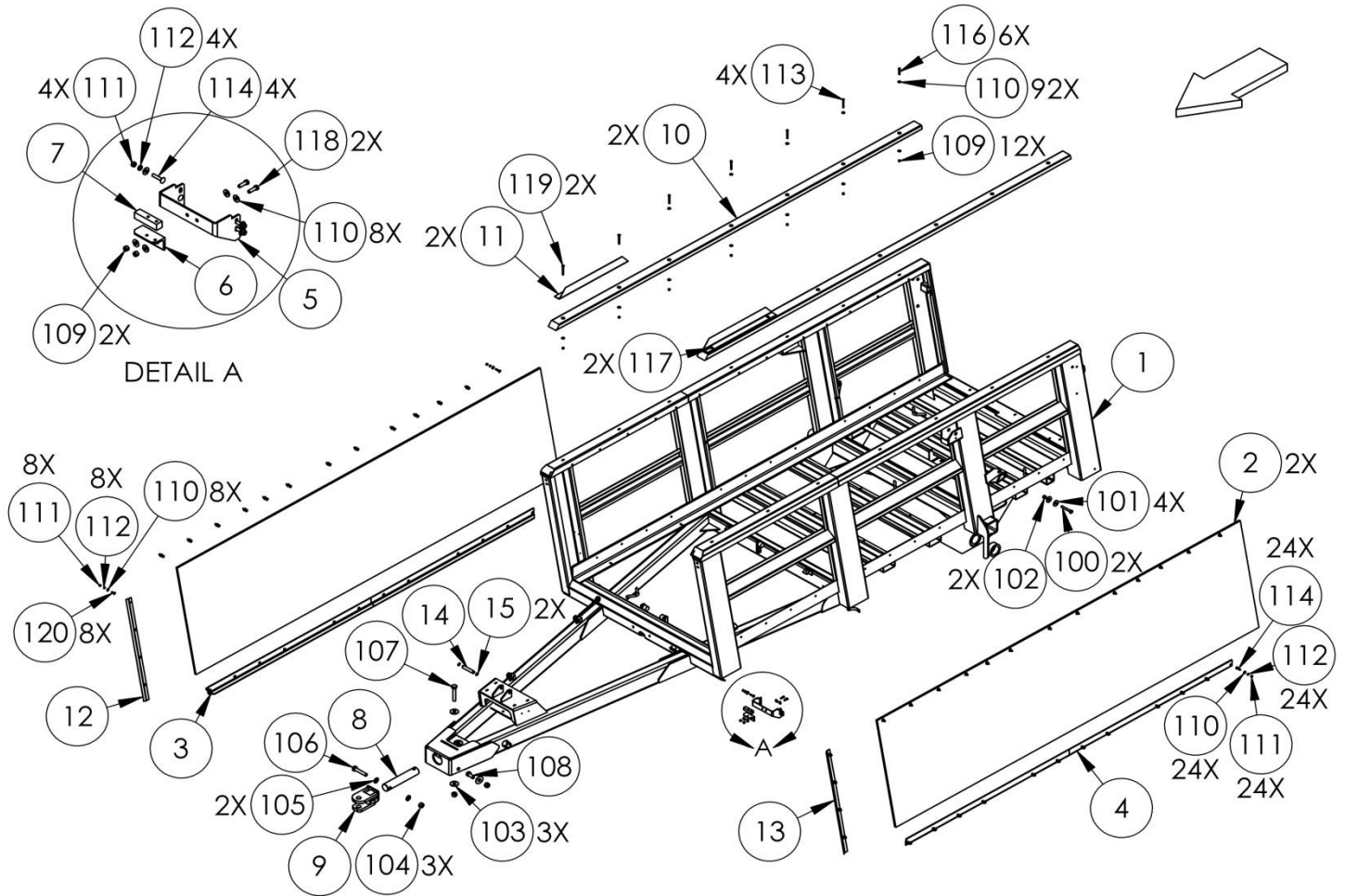
### **REFERENCE NUMBER IDENTIFICATION**

000-099	PARTS USED FOR ASSEMBLY
100-199	BOLTS & FASTENERS
800-899	REPLACEMENT PARTS OR SERVICE ASSEMBLIES – USED TO REPLACE OR REBUILD COMPONENTS OF THE MACHINE



# 7115-1-01

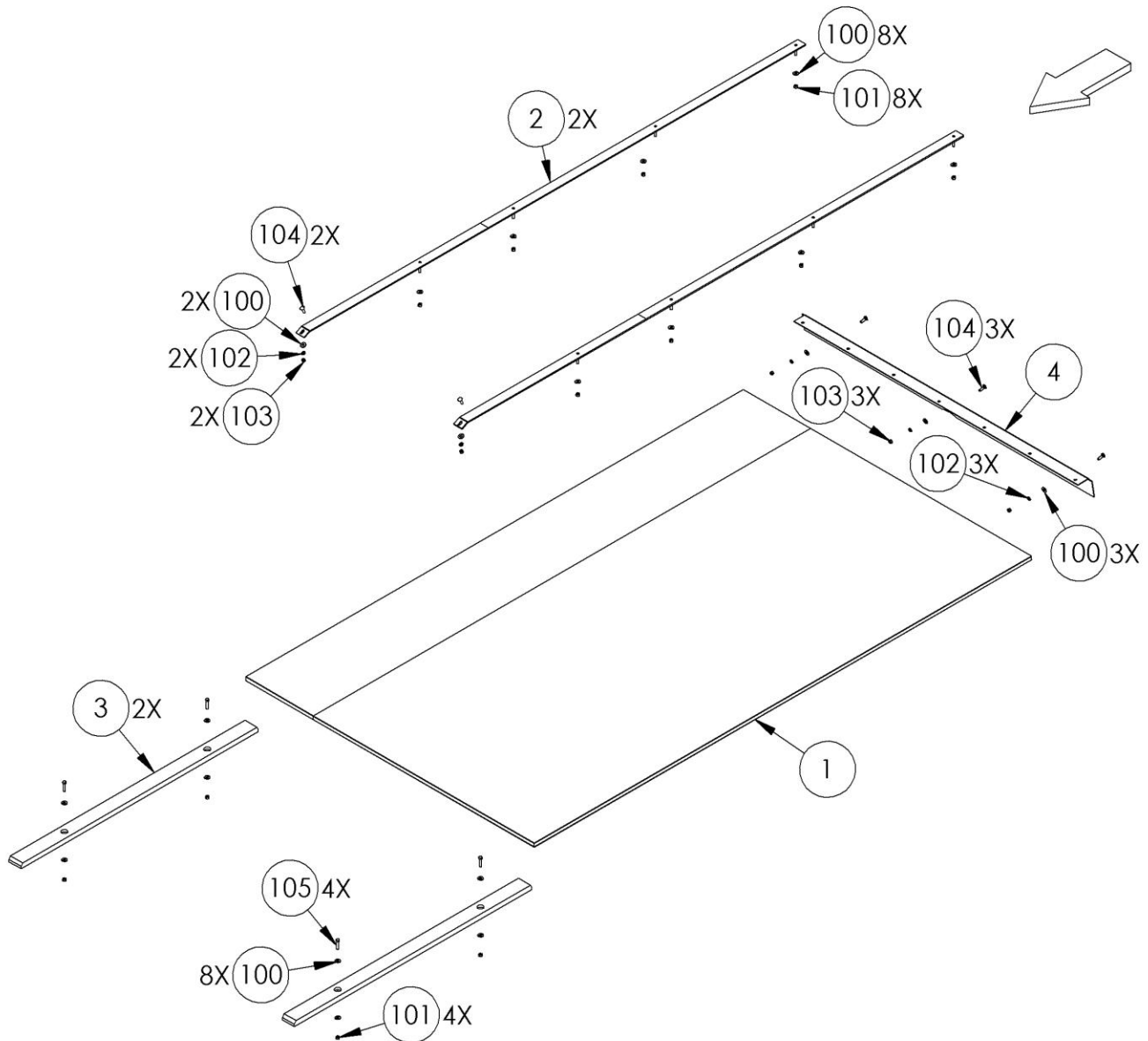
# Main Frame & Side Panels



ITEM NO.	QTY	DESCRIPTION	PART NUMBER	ITEM NO.	QTY	DESCRIPTION	PART NUMBER
1	1	MAIN FRAME	PR70101	103	3	1 FW G8	BL-16-FW-8
2	2	PANELAM, SIDE	PR70102	104	3	1-8 LN w/ NYLON INSERTS	BL-16-LN
3	1	SLIDNG FLOOR GUIDE, RH	PR70184	105	2	1 SAE FW	BL-16-SW
4	1	SLIDING FLOOR GUIDE, LH	PR70183	106	1	1-8 X 5-1/2 BOLT HH C/S G8 ZC	BL-16-550-H8
5	1	BRACKET, FLOOR CYL. SUPPORT	PR70091	107	1	1-8 X 6 BOLT HH C/S G8 ZC	BL-16-600-H8
6	1	ANGLE, FLOOR CYL. SUPP.	PR70092	108	1	1 X 2-1/2 BOLT G5 HH ZC	BL-16-250H
7	1	PLASTIC, FLOOR CYL. SUPP.	PR32639	109	12	3/8-16 FIN H LN NE A563 GA ZC	BL-6-LN
8	1	HITCH SHAFT, HARDENED	PR63101	110	92	3/8 USS FW ZC	BL-6-FW
9	1	HITCH	PR70097	111	66	3/8-16 HEX NUT ZC	BL-6-N
10	2	BUMPER, TOP RAIL	PR70394	112	66	3/8 SPLIT LW ZC	BL-6-LW
11	2	SPLASH GUARD	PR70098	113	4	3/8-16 X 3-1/2 HEX CAP G5 ZC	BL-6-350-H
12	1	EDGE COVER, PANELAM, FRONT	PR70171	114	42	3/8-16 X 1-3/4 CARRIAGE BOLT G5 ZC	BL-6-175-C
13	1	EDGE PROTECTION, PANELAM	PR70172	115	12	3/8-16 X 2 CARRIAGE BOLT G5 ZC	BL-6-200-C
14	1	CYLINDER PIN	PR30289	116	6	3/8-16 X 2-1/2 HH C/S G5 ZC	BL-6-250-H
15	2	RETAINING RING	PR58806	117	2	3/8-16 X 3 CARRIAGE BOLT G5 ZC	BL-6-300-C
100	2	5/8-11 X 4-1/2 HHCS G8 ZC	BL-10-450-8	118	2	3/8-16 X 1-1/4 HHCS G5 ZC	BL-6-125-H
101	4	5/8 FW G8	BL-10-FW-8	119	2	3/8-16 X 4 CARRIAGE BOLT G5 ZC	BL-6-400-C
102	2	5/8-11 HEX LN NE ZC	BL-10-LN	120	8	3/8-16 X 1-1/4 CARRIAGE BOLT G5 ZC	BL-6-125-C

## 7115-1-02

## Main Floor & Sliding Floor Guides

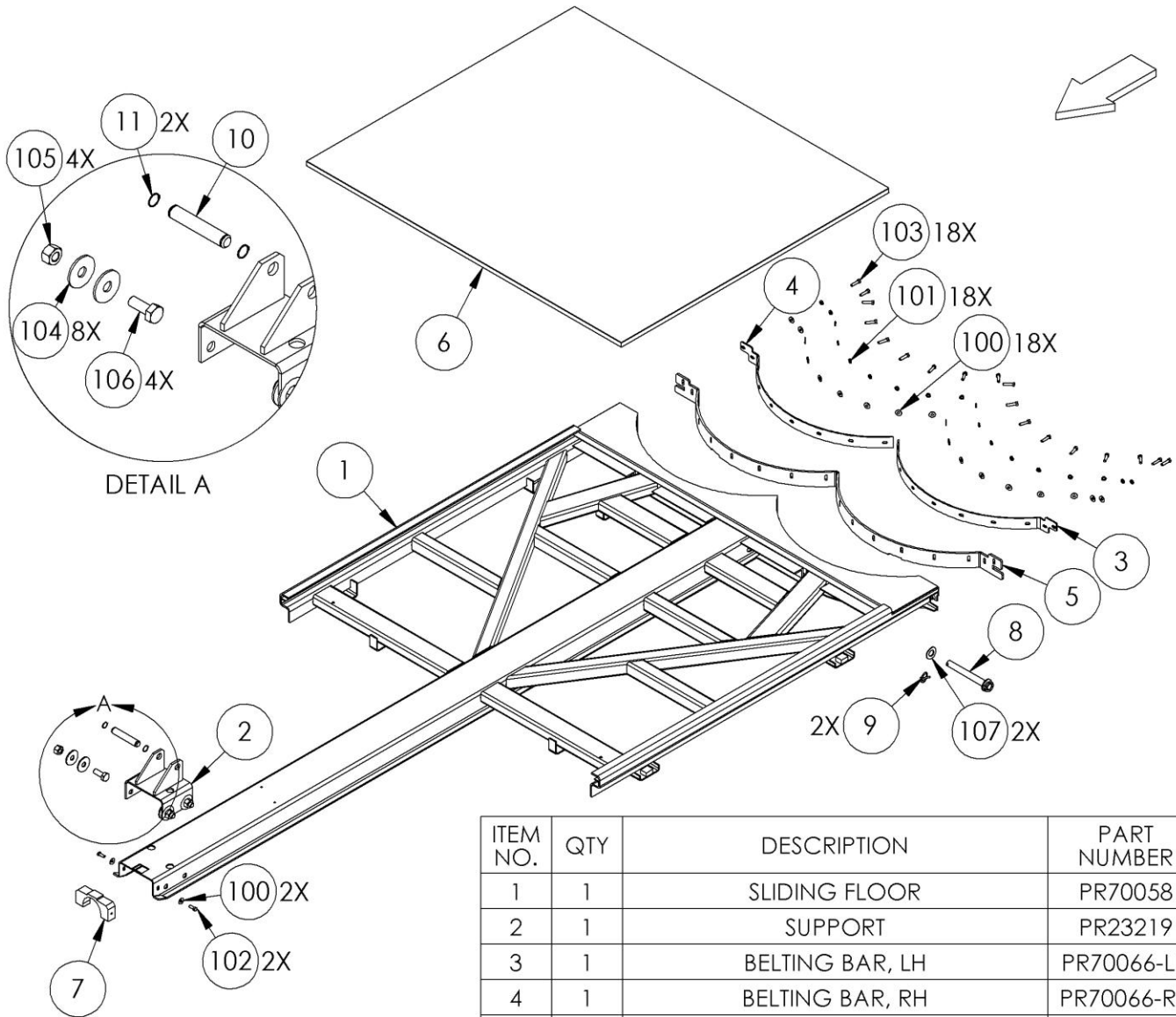


ITEM NO.	QTY	DESCRIPTION	PART NUMBER
1	1	PANELAM FLOOR	PR33279
2	2	2" FLOOR STRAP	PR70061
3	2	WOOD SLIDES	PR33358
4	1	REAR EDGE PLATE	PR70062
100	21	3/8 USS FW ZC	BL-6-FW
101	12	3/8-16 C FIN H LN NE A563 G A ZC	BL-6-LN
102	5	3/8 SPLIT LW ZC	BL-6-LW
103	5	3/8-16 HEX NUTS ZC	BL-6-N
104	5	3/8-16 X 1-1/4 CARRIAGE BOLT G5 ZC	BL-6-125-C
105	4	3/8-16 X 1-3/4 HHCS G5 ZC	BL-6-175-H



# 7115-1-03

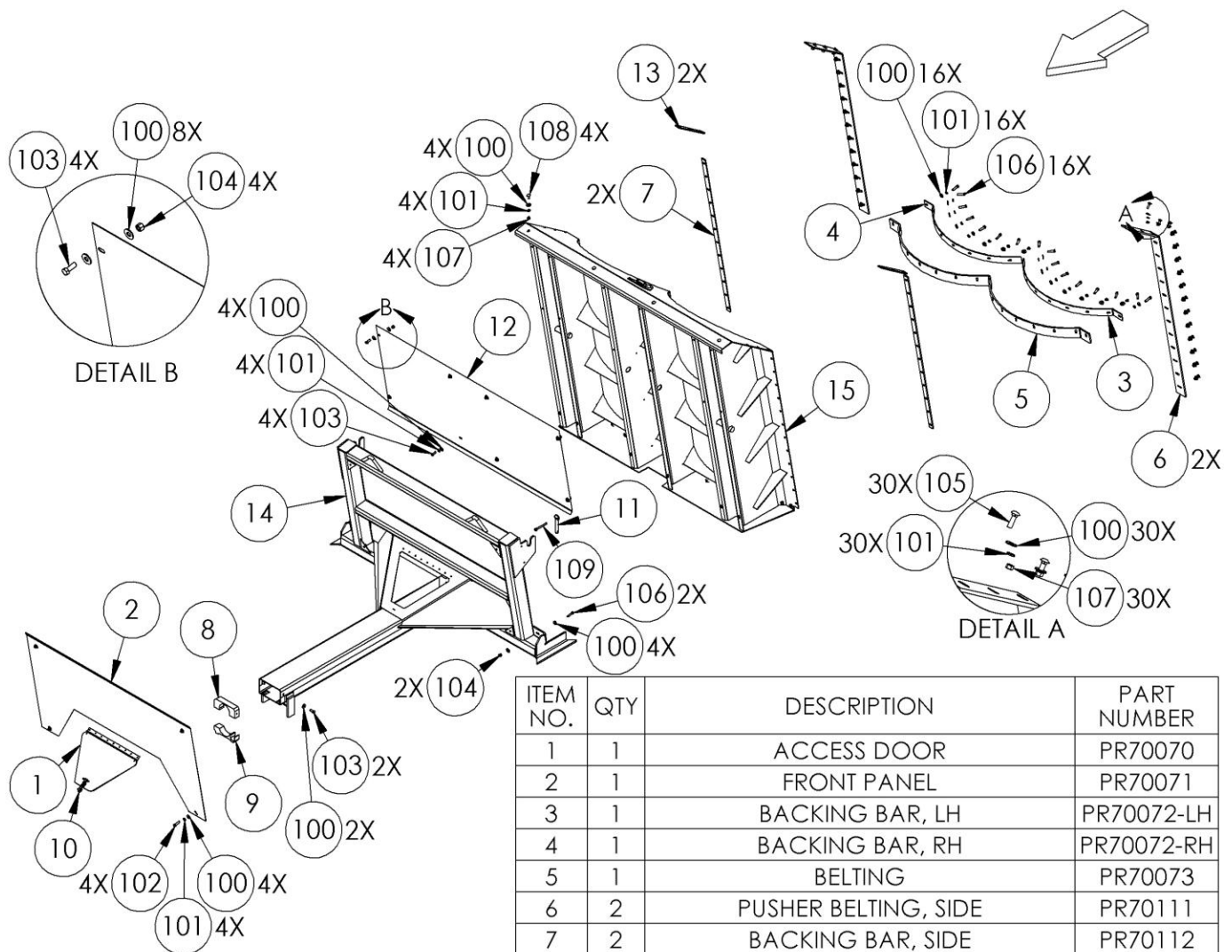
# Sliding Floor



ITEM NO.	QTY	DESCRIPTION	PART NUMBER
1	1	SLIDING FLOOR	PR70058
2	1	SUPPORT	PR23219
3	1	BELTING BAR, LH	PR70066-LH
4	1	BELTING BAR, RH	PR70066-RH
5	1	BELTING	PR70067
6	1	FLOOR PANEL	PR44533
7	1	PLASTIC GUIDE, FLOOR CYL.	PR70123
8	1	1" X 8" PIN, SS	PR70126
9	2	1/4" LYNCH PIN	PIN-250L
10	1	CYLINDER PIN	PR30289
11	2	RETAINING RING	PR58806
100	20	3/8 USS FW ZC	BL-6-FW
101	18	3/8 SPLIT LW ZC	BL-6-LW
102	2	3/8-16 X 1 HHCS BOLT G5 ZC	BL-6-100-H
103	18	3/8-16 X 1-1/2 HEX CAP G5 ZC	BL-6-150-H
104	8	3/4 FW G8	BL-12-FW-8
105	4	3/4-10 LN w/ NYLON INSERTS G8	BL-12-LN-8
106	4	3/4-10 X 2 HH C/S G8 ZC	BL-12-200-8
107	2	1 SAE FW	BL-16-SW

# 7115-1-04

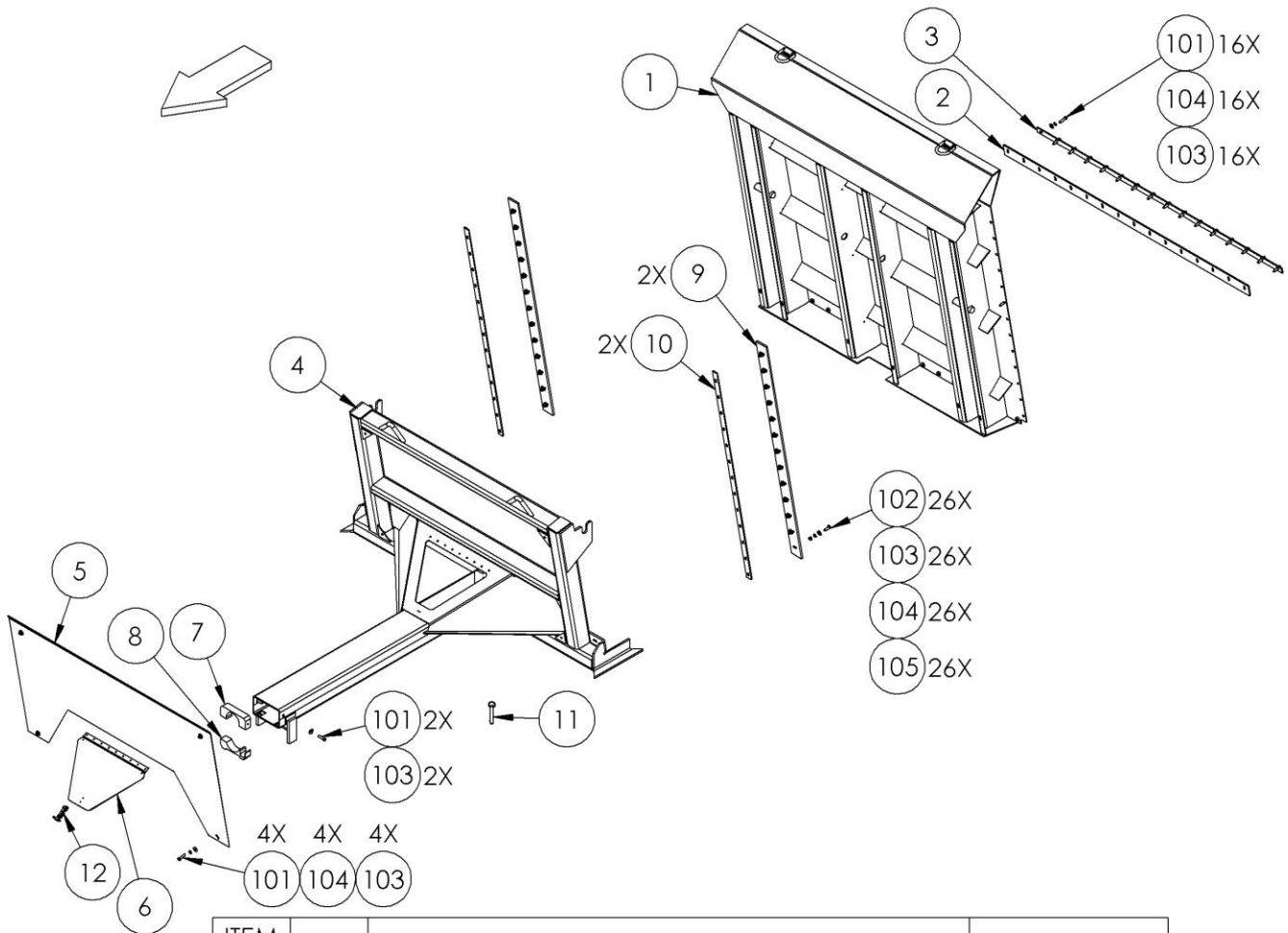
# Pusher



ITEM NO.	QTY	DESCRIPTION	PART NUMBER
1	1	ACCESS DOOR	PR70070
2	1	FRONT PANEL	PR70071
3	1	BACKING BAR, LH	PR70072-LH
4	1	BACKING BAR, RH	PR70072-RH
5	1	BELTING	PR70073
6	2	PUSHER BELTING, SIDE	PR70111
7	2	BACKING BAR, SIDE	PR70112
8	1	CYL. GUIDE, TOP	PR70124
9	1	CYL. GUIDE, BOTTOM	PR70125
10	1	T-LATCH	LA-1530
11	1	5/8" QUICK RELEASE PIN, SS	PIN-10-300
12	1	COVER SHEET	PR70135
13	2	SIDE BACKING BAR	PR70117
14	1	PUSHER FRAME	PR70068
15	1	PUSHER, HR 550	PR70110
100	72	3/8 USS FW ZC	BL-6-FW
101	58	3/8 SPLIT LW ZC	BL-6-LW
102	4	3/8-16 X 1-1/2 HEX CAP G5 ZC	BL-6-150-H
103	10	3/8-16 X 1 HH C/S BOLT G5 ZC	BL-6-100-H
104	6	3/8-16 C FIN H LN NE A563 G A ZC	BL-6-LN
105	30	3/8-16 X 1-1/4 CARRIAGE BOLT, SS	BL-6-125-CSS
106	18	3/8-16 X 1-1/2 HEX CAP SS	BL-6-150-SS
107	34	3/8-16 HEX NUTS ZC	BL-6-N
108	4	3/8-16 X 1 CARRIAGE BOLT G5 ZC	BL-6-100-C
109	1	3/8-16 X 3-1/2 HEX CAP G5 ZC	BL-6-350-H

# 7115-1-04A

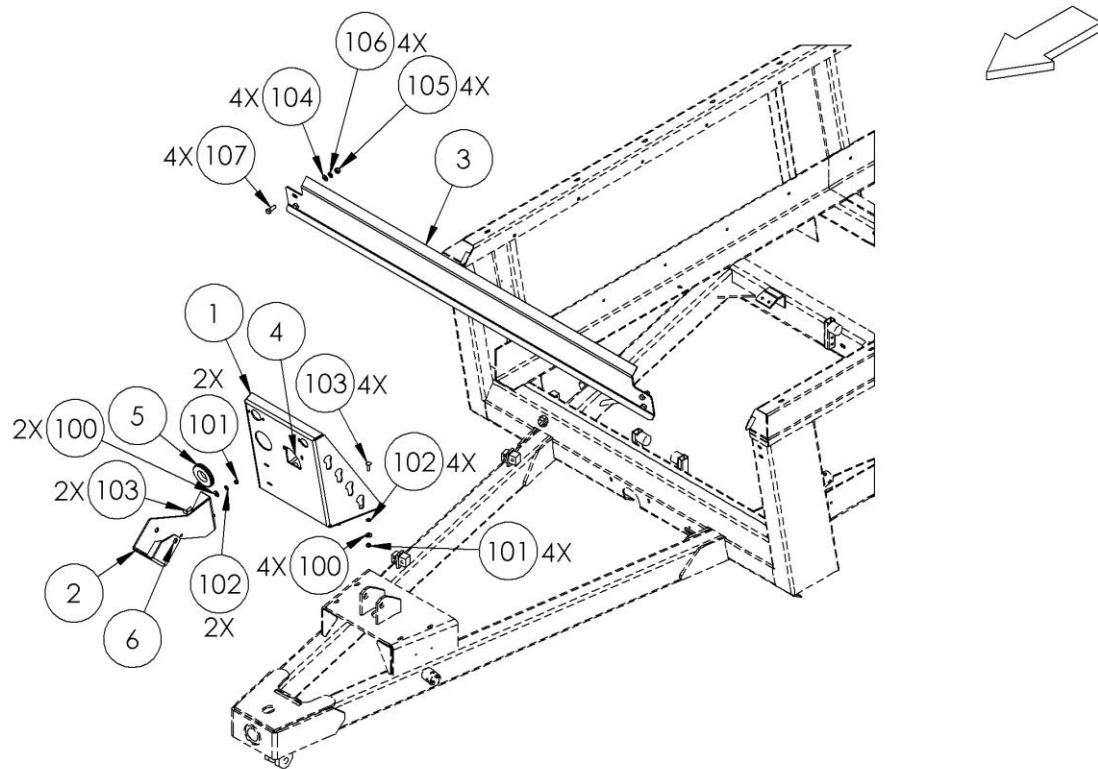
## Opt. Compost Pusher



ITEM NO.	QTY	DESCRIPTION	PART NUMBER
1	1	PUSHER, COMPOST BEATERS	PR70246
2	1	BLEITNING, PUSHER BOT, COMPOST	PR70207
3	1	BAR, PUSHER BOTT, COMPOST	PR70208
4	1	PUSHER FRAME	PR70068
5	1	FRONT PANEL	PR70071
6	1	ACCESS DOOR	PR70070
7	1	CYL. GUIDE, TOP	PR70124
8	1	CYL. GUIDE, BOTTOM	PR70125
9	2	SIDE BELTING	PR70248
10	2	BELT BACKING BAR	PR70249
11	1	5/8" QUICK RELEASE PIN, SS	PIN-10-300
12	1	MED. RUBBER T-LATCH	LA-1530
101	22	3/8-16 X 1-1/2 HEX CAP SS	BL-6-150-SS
102	26	3/8-16 X 1-1/4 CARRIAGE BOLT G5 ZC	BL-6-125-C
103	48	3/8 USS FW ZC	BL-6-FW
104	46	3/8 SPLIT LW ZC	BL-6-LW
105	26	3/8-16 HEX NUT ZC	BL-6-N

# 7115-1-05

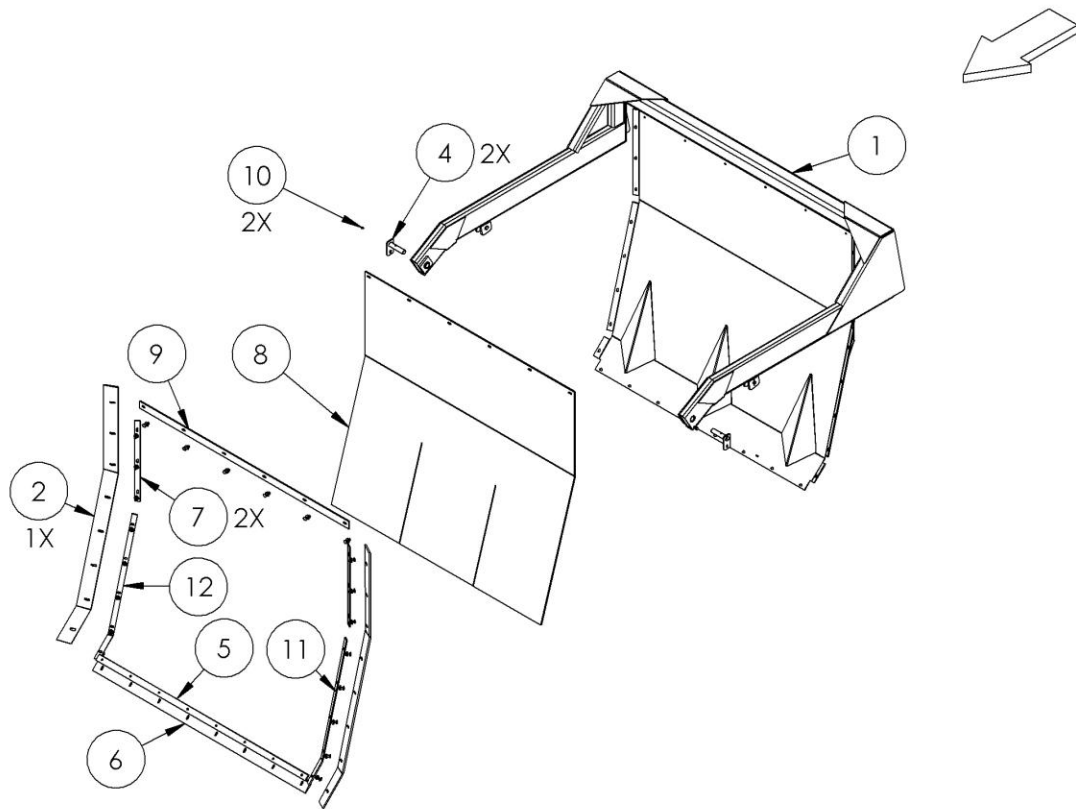
# Front Panels & Shields



ITEM NO.	QTY	DESCRIPTION	PART NUMBER
1	1	HOSE MOUNT	PR70086
2	1	PTO HOLDER	PR70087
3	1	FRONT TOP PANEL	PR70134
4	1	COVER, FLOW CONTROL	PR70131
5	1	3.5" GROMMET	EL-0041
6	1	PIN, 1/2" X 3/4	PIN-500-575
100	6	3/8 USS FW ZC	BL-6-FW
101	6	3/8-16 HEX NUTS ZC	BL-6-N
102	6	3/8 SPLIT LW ZC	BL-6-LW
103	6	3/8-16 X 1-1/4 CARRIAGE BOLT G5 ZC	BL-6-125-C
104	4	1/2 USS FW ZC	BL-8-FW
105	4	1/2-13 HEX FIN NUTS ZC	BL-8-N
106	4	1/2 SPLIT LW ZC	BL-8-LW
107	4	1/2-13 X 1-1/4 HEX CAP G5 ZC	BL-8-125-H

# 7115-1-06

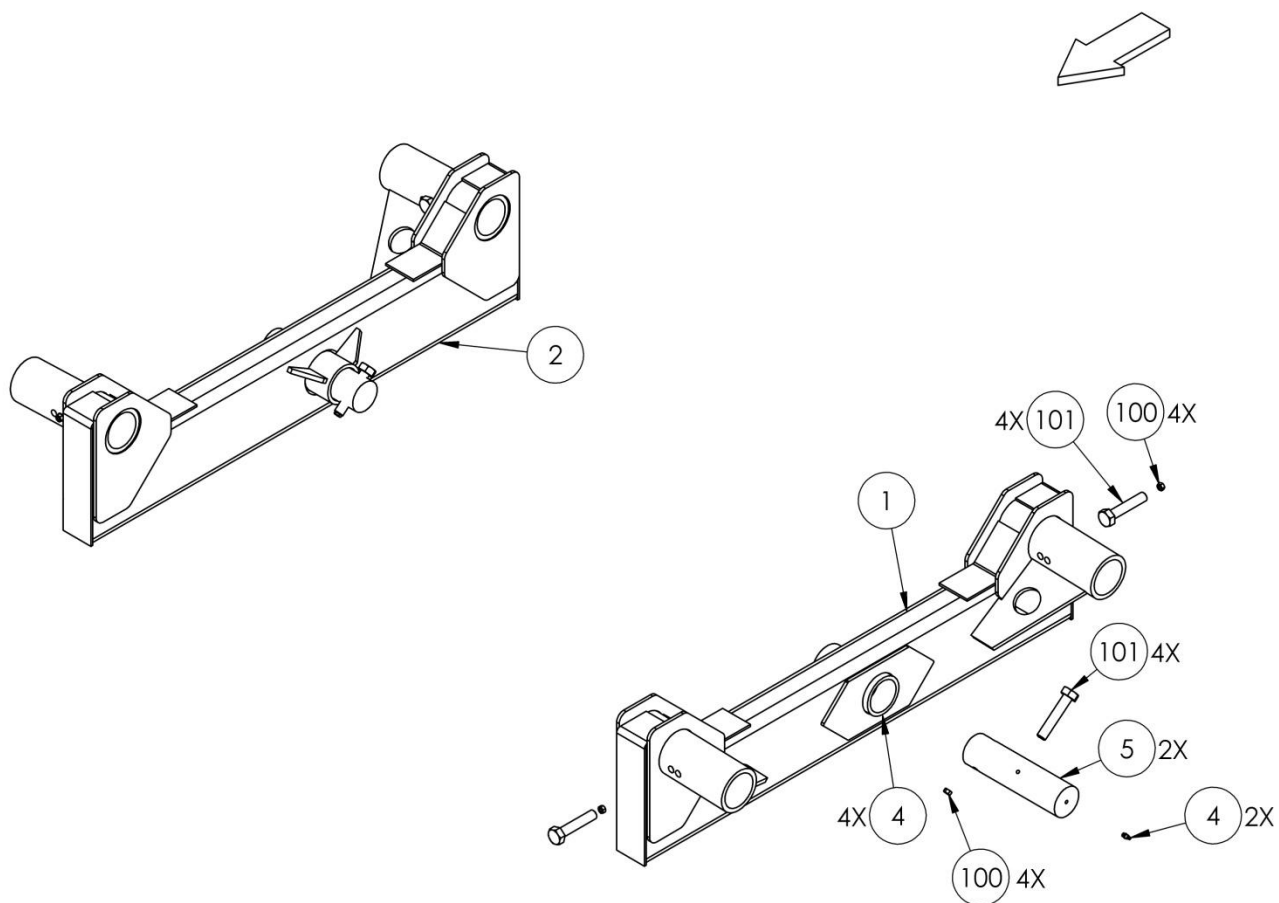
# Endgate



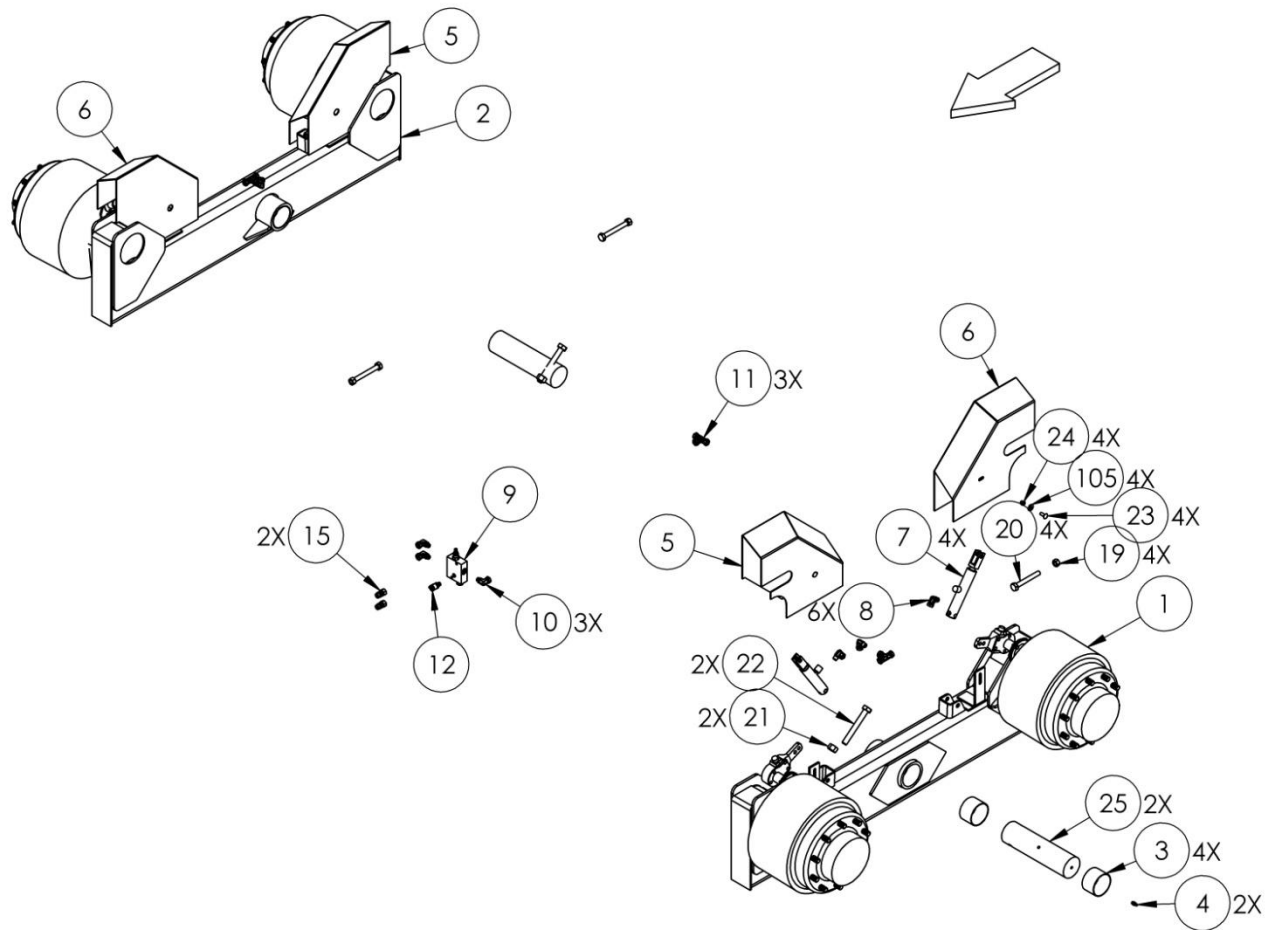
ITEM NO.	QTY	DESCRIPTION	PART NUMBER
1	1	ENDGATE WELDMENT	PR70105
2	1	ENDGATE BELTING, SIDE	PR70108
3	1	ENDGATE BELTING, SIDE	PR70108
4	2	HINGE PIN	PR70118
5	1	BACKING BAR, BELTING	PR70161
6	1	ENDGATE BELTING, BOTT.	PR70139
7	2	BACKING BAR, SIDE, UPPER	PR70109
8	1	ENDGATE BELTING	PR70114
9	1	BACKING BAR, BELTING, TOP	PR70116
10	2	1/4" X 28 GREASE FITTING	GF-1428
11	1	BACKING BAR, SIDE, LOWER, LH	PR70185
12	1	BACKING BAR, SIDE, LOWER, RH	PR70186
13	2	CLEVIS PIN	PIN-10-40
14	2	SPRING ROLL PIN	PIN-0014
100	30	3/8 USS FW ZC	BL-6-FW
101	32	3/8 SPLIT LW ZC	BL-6-LW
102	30	3/8-16 HEX NUTS ZC	BL-6-N
103	2	3/8-16 X 3/4 HHCS G5 ZC	BL-6-075-H
104	30	3/8-16 X 1-1/2 CARRIAGE BOLT G5 ZC	BL-6-150-C

# 7115-1-07

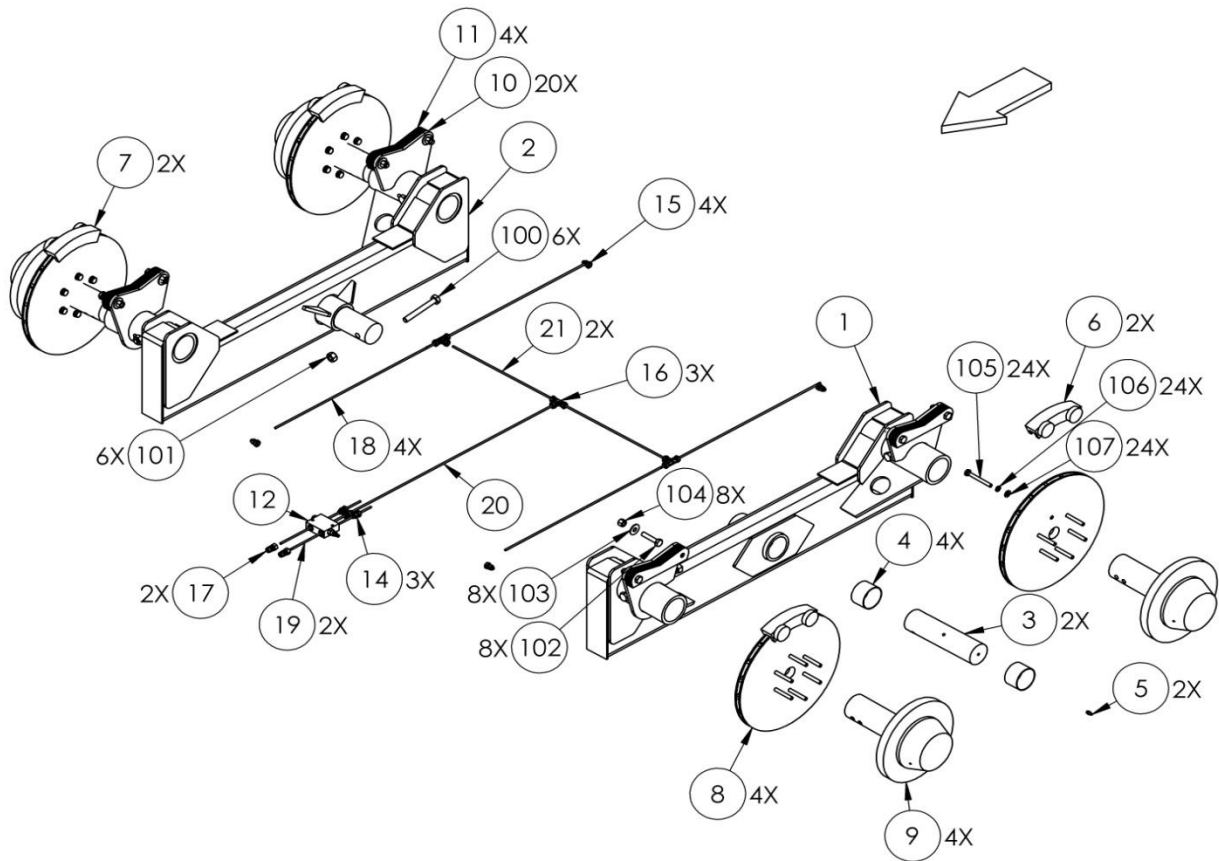
# Walking Beam



ITEM NO.	QTY	DESCRIPTION	PART NUMBER
1	1	ROCKER LH	PR70106
2	1	ROCKER, RH	PR70107
3	4	BRONZE BUSHING	PR34413
4	2	GREASE FITTING 1/8NPT	GF-1827
5	2	ROCKER SHAFT	PR70368
100	4	5/8-11- X 5 HEX LN NE ZC	BL-10-500-8
101	4	5/8-11- X 5 HEX CAP G8 ZC	BL-10-500-8
102	2	3/4-10LN W/ NYLON INSERTS G8	BL-12-LN-8
103	2	3/4-10 X 6 HH CS G8 ZC	BL-12-600-8



ITEM NO.	QTY	DESCRIPTION	PART NUMBER	ITEM NO.	QTY	DESCRIPTION	PART NUMBER
1	1	ROCKER, LH	PR70193	14	1	TEST POINT PROBE	HA-1005-T
2	1	ROCKER, RH	PR70195	15	2	TRACTOR QUICK COUPLER, MALE, 1/2 FPT	A-QD2010-8-8
3	4	BRONZE BUSHING	PR34413	16	1		HV-1002-K
4	2	GREASE FITTING 1/8NPT	GF-1827	17	1	DUST COVER	TRL-2750-2
5	2	ROCKER COVER	PR70194	105	4	3/8 FW LARGE OD G8 ZC	BL-6-FW-USS8
6	2	ROCKER COVER	PR70196	19	4	5/8-11 HEX FIN NUTS ZC	BL-10-N
7	4	HYD BRAKE CYLINDER, SPRING RETURN	PR60073	20	4	5/8-11 X 5 HHCS ZC G8	BL-10-500-8
8	6	3/8" MP X 3/8" FPX 90	A-1501-6-6	21	2	3/4-10 LN w/ NYLON INSERTS G8	BL-12-LN-8
9	1	PRESSURE REDUCING/RELIEVING VALVE	HV-1002	22	2	3/4-10 X 6 HHCS ZC G8	BL-12-600-8
10	3	6 SAE X 3/8" FPX 90	A-6901-6-6	23	4	3/8-16 X 1 CARRIAGE BOLT G5 ZC	BL-6-100-C
11	3	3/8" NPTF SWIVEL T	A-1603-6-6-6	24	4	3/8-16 ACORN NUT SS	BL-6-SS-A
12	1	TEST POINT PLUG, 1/4" NPT	HV-1004-T	25	2	ROCKER SHAFT	PR70368
13	1	TEST POINT PLUG, 6 SAE	HA-1004-G				

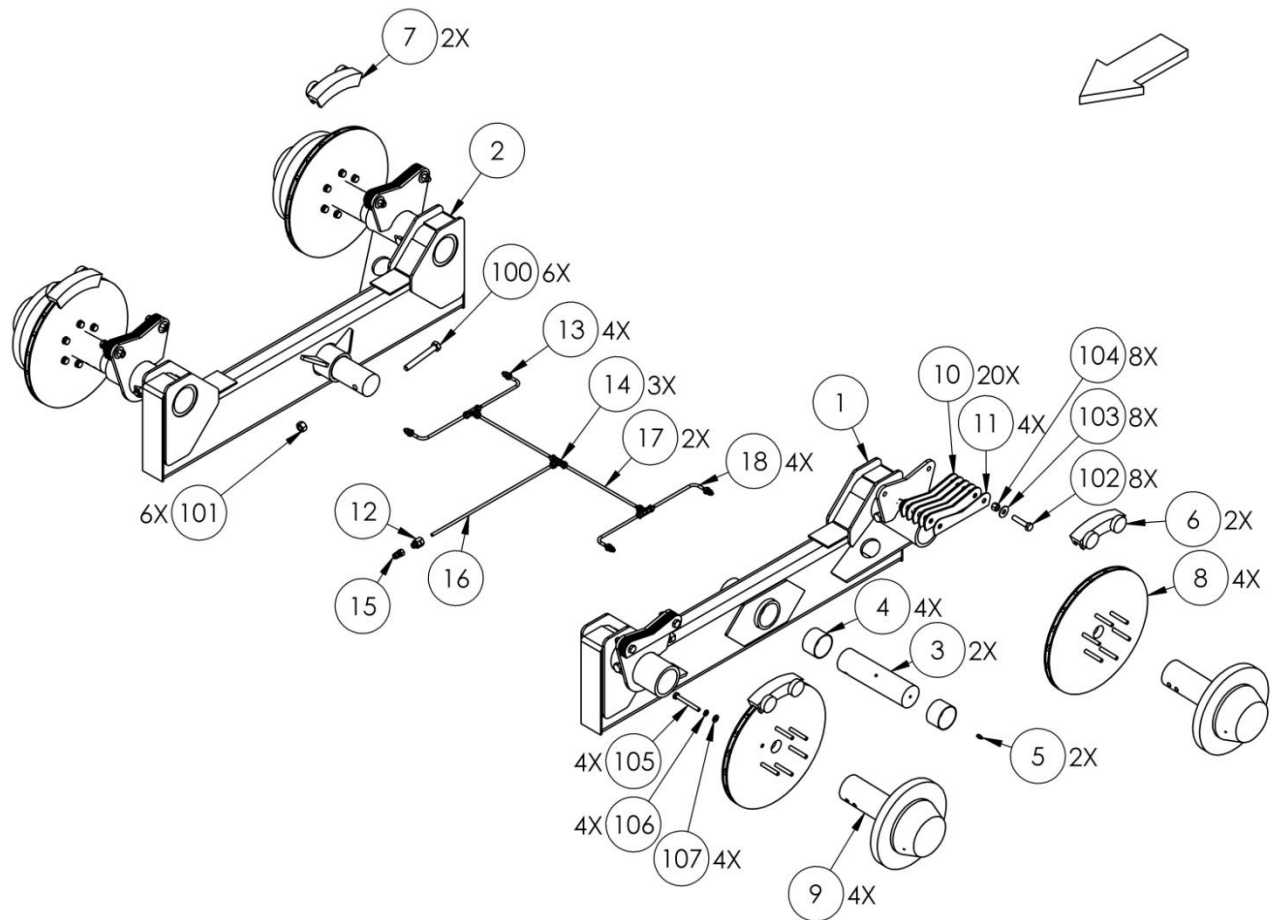


ITEM NO.	QTY	DESCRIPTION	PART NUMBER
1	1	ROCKER, LH	PR70197
2	1	ROCKER, RH	PR70198
3	2	ROCKER SHAFT	PR70368
4	4	BRONZE BUSHING	PR34413
5	2	GREASE FITTING 1/8NPT	GF-1827
6	2	RH BRAKE 2 X 60 CALIPER	TRL-BRK-0019
7	2	LH BRAKE 2 X 60 CALIPER	TRL-BRK-0020
8	4	BRAKE ROTOR, 10 BOLT	TRL-BRK-0021
9	4	HUB ASSEMBLY	WHL-1210-BR
10	20	SPACER, DISC BRAKES	PR70204
11	4	SPACER, DISC BRAKES	PR70205
12	1	PRESSURE REDUCING/RELIEVING VALVE	HV-1002
13	1	STANDARD KNOB FOR HV-1002	HV-1002-K
14	3	6 SAE X 3/8 FPX	A-6900-6-6
15	4	4 SAE X 3/8 FPX	A-6900-4-6

ITEM NO.	QTY	DESCRIPTION	PART NUMBER
16	3	3/8" NPTF SWIVEL T	A-1603-6-6-6
17	2	TRACTOR QUICK COUPLER, MALE, 1/2 FPT	A-QD2010-8-8
18	4	1/4" HOSE 3/8MP X 3/8MP X 32 L	H4-32-6MP-6MP
19	2	1/4" HOSE 3/8MP X 3/8MP X 264 L	H4-264-6MP-6MP
20	1	1/4" HOSE 3/8MP X 3/8MP X 170 L	H4-170-6-MP-6MP
21	2	1/4" HOSE 3/8MP X 3/8MP X 102 L	H4-102-6MP-6MP
100	6	3/4-10 X 6 HHCS ZC G8	BL-12-600-8
101	6	3/4-10 LN w/ NYLON INSERTS G8	BL-12-LN-8
102	8	5/8-11 X 3 HEX CAP G8	BL-10-300-H8-SH
103	8	5/8 USS FW ZC	BL-10-FW
104	8	5/8-11 HEX LN NE ZC	BL-10-LN
105	24	1/2-20 X 4-1/2 HH G8	BL-8-450-8-F
106	24	1/2 SPLIT LW ZC	BL-8-LW
107	24	1/2 SAE FW ZC	BL-8-SW



# 7115-1-07C Opt. Walking Beam, Disc Brakes, Eur. Cplr.

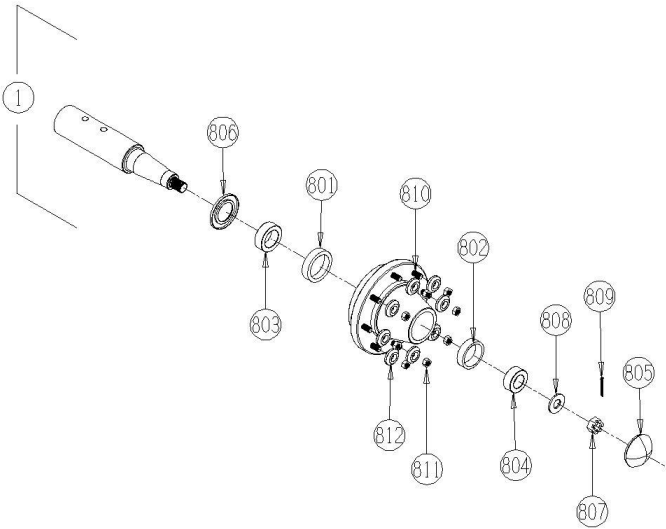


ITEM NO.	QTY	DESCRIPTION	PART NUMBER
1	1	ROCKER, LH	PR70197
2	1	ROCKER, RH	PR70198
3	2	ROCKER SHAFT	PR70368
4	4	BRONZE BUSHING	PR34413
5	2	GREASE FITTING 1/8NPT	GF-1827
6	2	RH BRAKE 2 X 60 CALIPER	TRL-BRK-0019
7	2	LH BRAKE 2 X 60 CALIPER	TRL-BRK-0020
8	4	BRAKE ROTOR, 10 BOLT	TRL-BRK-0021
9	4	HUB ASSEMBLY	WHL-1210-BR
10	20	SPACER, DISC BRAKES	PR70204
11	4	SPACER, DISC BRAKES	PR70205
12	1	PIPE ADAPTER, 1/2" TO 18MM	A-7455-08-18
13	4	4 SAE X 3/8 FPX	A-6900-4-6

ITEM NO.	QTY	DESCRIPTION	PART NUMBER
14	3	3/8" NPTF SWIVEL T	A-1603-6-6-6
15	1	TRACTOR QUICK COUPLER, MALE, 1/2 FPT	AQ-160559
16	1	1/2" HOSE 3/8MP X 1/2MP X 324 L	H8-324-6MP-8MP
17	2	3/8" HOSE 3/8MP X 3/8MP X 15 L	H6-15-6MP-6MP
18	4	3/8" HOSE 3/8MP X 3/8MP X 74 L	H6-74-6MP-6MP
100	6	3/4-10 X 6 HHCS ZC G8	BL-12-600-8
101	6	3/4-10 LN w/ NYLON INSERTS G8	BL-12-LN-8
102	8	5/8-11 X 3 HEX CAP G8	BL-10-300-H8-SH
103	8	5/8 USS FW ZC	BL-10-FW
104	8	5/8-11 HEX LN NE ZC	BL-10-LN
105	4	1/2-20 X 4-1/2 HH G8	BL-8-450-8-F
106	4	1/2 SPLIT LW ZC	BL-8-LW
107	4	1/2 SAE FW ZC	BL-8-SW

## 7115-1-08

## Hubs & Spindles



ITEM NO.	QTY	DESCRIPTION	PART NUMBER
1	4	HUB & SPINDLE ASSY, 10 BOLT	WHL-1210
800	1	WHEEL BEARING KIT	WBR-1210K
801	1	INNER CUP	WHL-1210A
802	1	OUTER CUP	WHL-1210B
803	1	INNER CONE	WHL-1210C
804	1	OUTER CONE	WHL-1210D
805	1	DUST CAP	WHL-1210E
806	1	GREASE SEAL	WHL-1210F
807	1	FLANGE NUT, SPINDLE	WHL-1210G
808	1	WASHER, SPINDLE	WHL-1210H
809	1	COTTER PIN, SPINDLE	WHL-1210I
810	8	WHEEL STUD BOLT	WHL-1210J
811	8	WHEEL STUD NUT	WHL-1210K
812	8	WHEEL STUD WASHER	WHL-1210L
815	1	SPINDLE	WHL-1210M

## 7115-1-09

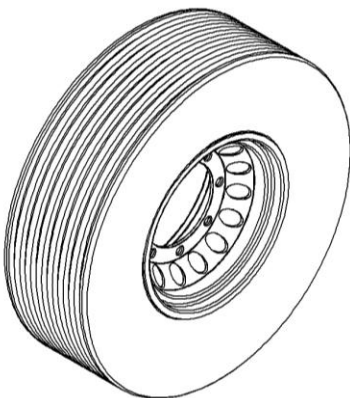
## Tires & Wheels, Implement Tires



ITEM NO.	QTY	DESCRIPTION	PART NUMBER
1	4	550/60-22.5 TIRE & WHEEL ASSY	WHM-7101
813	1	WHEEL, 22.5 X 16	WHL-7104
814	1	TIRE, 550/60-22.5	WHT-7101

## 7115-1-09A

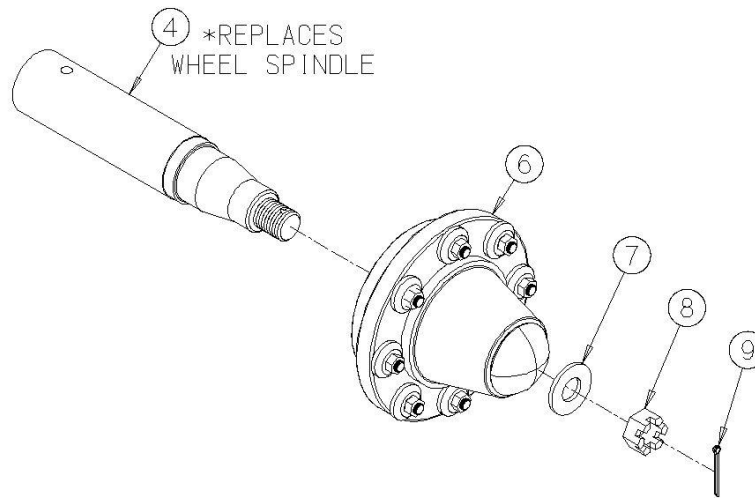
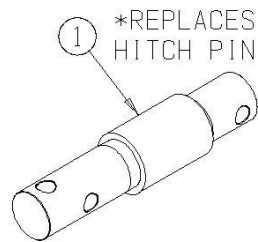
## Opt. Tires & Wheels, Truck Tires



ITEM NO.	QTY	DESCRIPTION	PART NUMBER
1	4	TIRE & WHEEL ASSY, 425-65R22.5	WHM-7105
813	1	22.5 X 13 WHEEL	WHL-7105
814	1	425-65R22.5 TRUCK TIRE	WHT-7105

## 7115-1-10

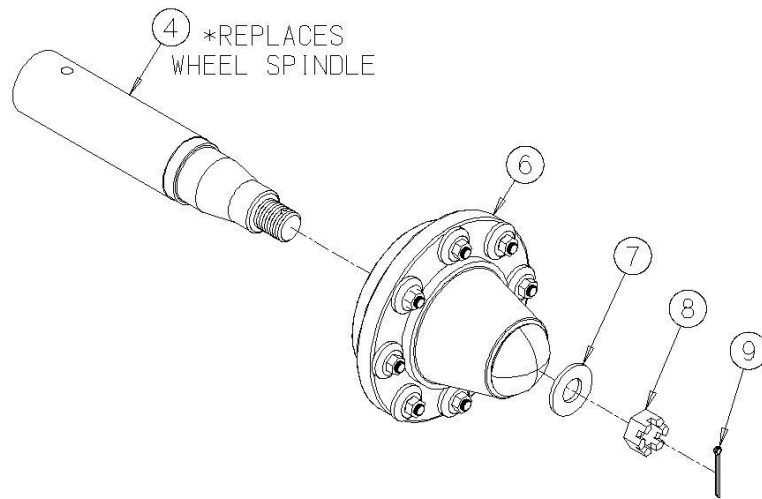
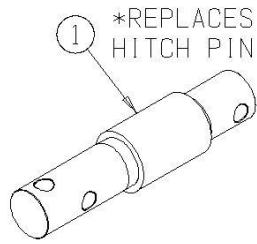
## Opt. Weight Scale System, NT460



ITEM NO.	QTY	DESCRIPTION	PART NUMBER
1	1	CELL	SWS-4605-001
2	1	J-BOX 6 PT	SWS-4605-003
3	4	SPINDLE SCALE BUSHING	PR90012
4	4	CELL HUB	SWS-4606-001
5	4	WHEEL HUB SEAL	WHL-1210-LCS
6	4	COMPLETE HUB, w/o SPINDLE	WHL-1210-HC
7	4	WASHER	WHL-1210H
8	4	FLANGE NUT	WHL-1210G
9	4	COTTER PIN	WHL-1210I
10	1	J BOX CABLE, 9m	SWS-4605-004
11	1	POWER CABLE, 4-WIRE, 3m CABLE	SWS-4605-005
12	1	INDICATOR, w/ AUTOLOG, NT460	SWS-4604-003
13	1	RAIL MOUNT, MONITOR MOUNT	SWS-4604-006
14	1	INDICATOR MOUNT, NT460, BRACKET- SCR#10X5/8 FHSTS BLACK ZP	SWS-403780
15	1	INDICATOR MOUNT, NT460, BRACKET- EZ3 PLASTIC RAIL	SWS-404353

# 7115-1-10A

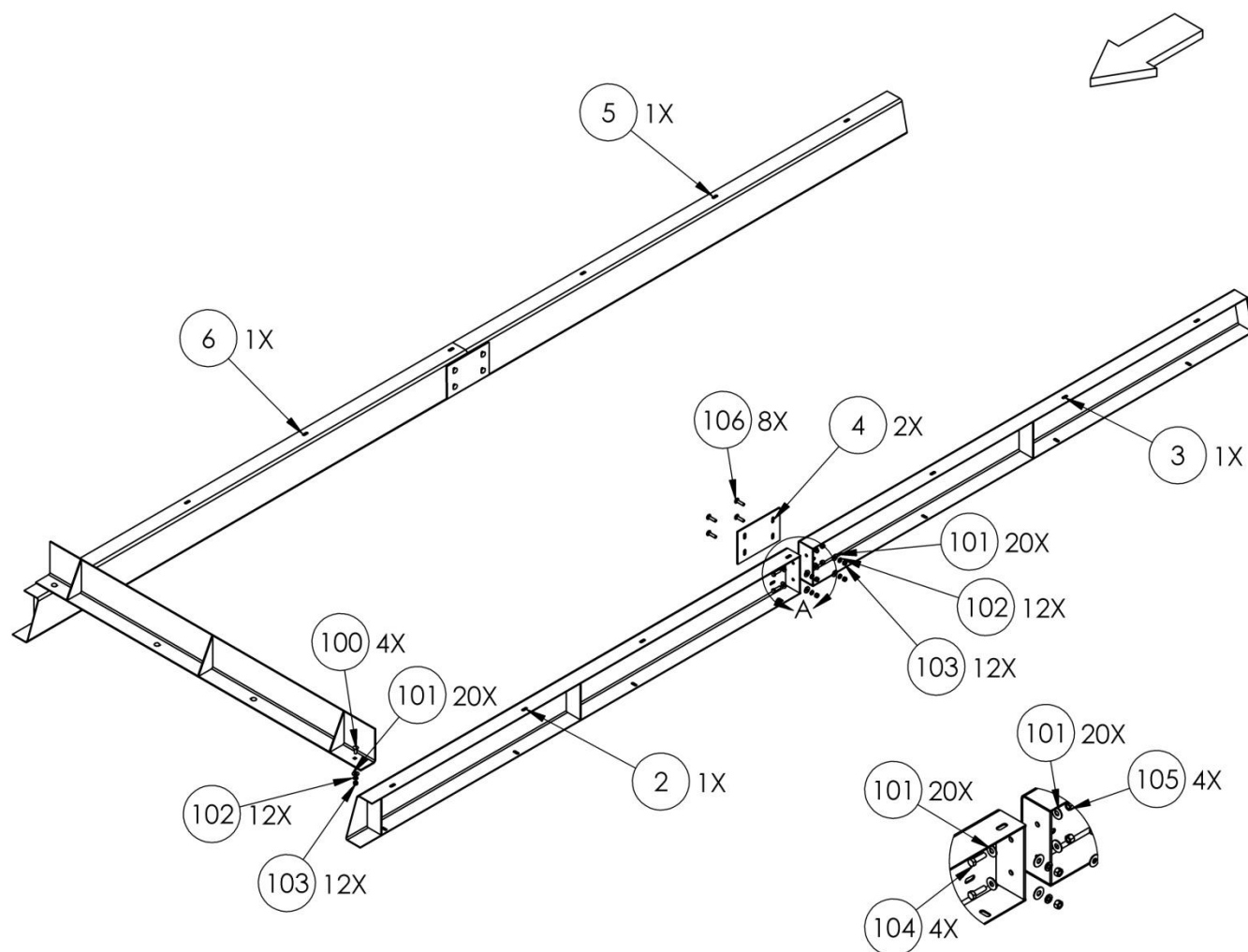
# Opt. Weight Scale System, GT400



ITEM NO.	QTY	DESCRIPTION	PART NUMBER
1	1	CELL	SWS-4605-001
2	1	GT400 INDICATOR, w/ RS232	SWS-4605-006
3	4	SPINDLE SCALE BUSHING	PR90012
4	4	CELL HUB	SWS-4606-001
5	4	WHEEL HUB SEAL	WHL-1210-LCS
6	4	COMPLETE HUB, w/o SPINDLE	WHL-1210-HC
7	4	WASHER	WHL-1210H
8	4	FLANGE NUT	WHL-1210G
9	4	COTTER PIN	WHL-1210I
10	1	J-BOX 6 PT	SWS-4605-003
11	1	J BOX CABLE, 9m	SWS-4605-004
12	1	POWER CABLE, 4-WIRE, 3m CABLE	SWS-4605-005
13	1	INDICATOR MOUNT, GT400, BRACKET-STR TOP MOUNT	SWS-403769
14	1	INDICATOR MOUNT, GT400, BRACKET-ROBO MOUNTING	SWS-403980

# 7115-1-11

# Opt. Side Extensions

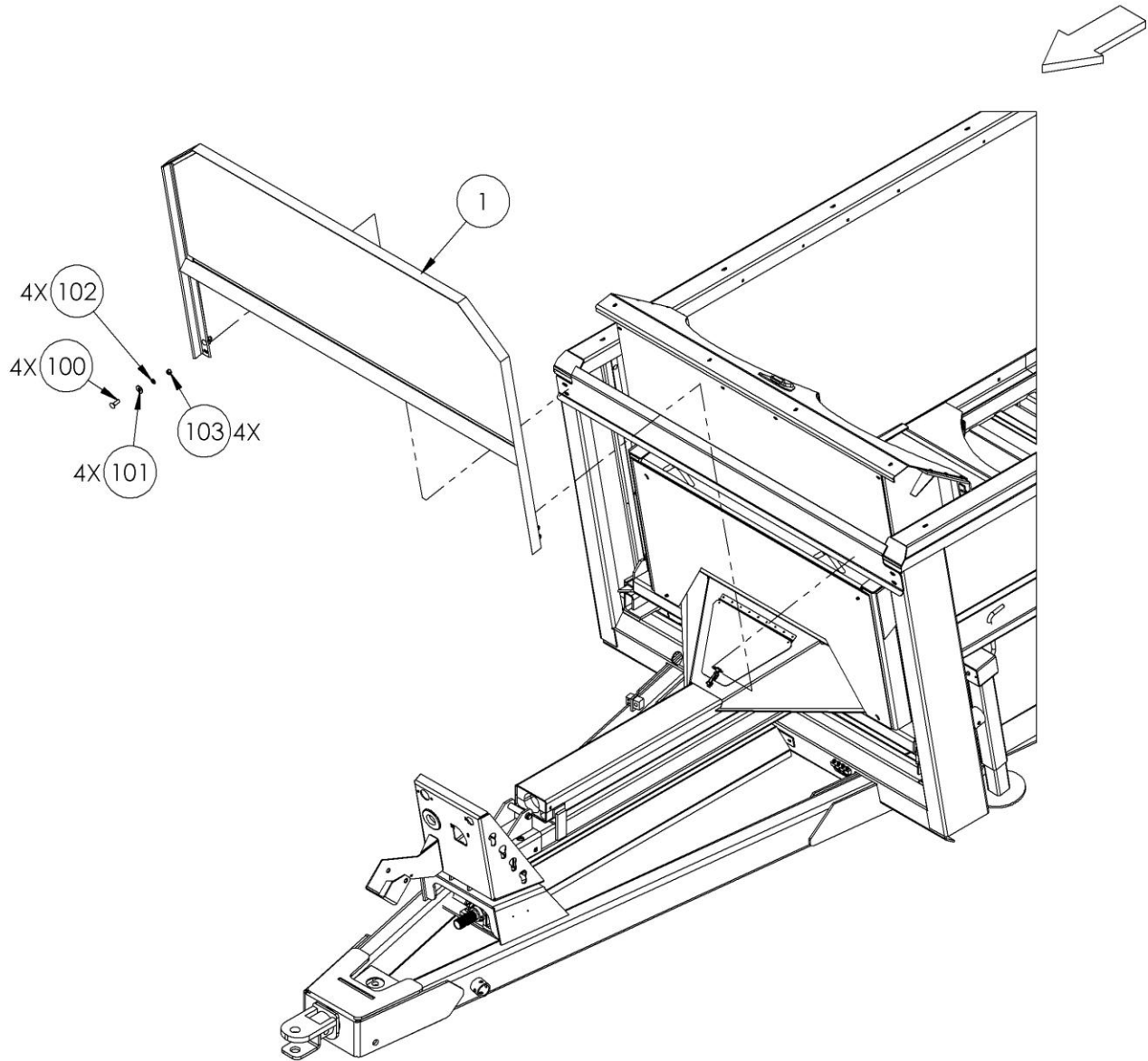


DETAIL A  
SCALE 1 : 12

ITEM NO.	QTY.	DESCRIPTION	PART NUMBER
1	1	PUSHER EXTENSION	PR70136
2	1	SIDE EXTENSION, LH FRONT	PR70403
3	1	SIDE EXTENSION, LH REAR	PR70405
4	2	SPLICE PLATE	PR70404
5	1	SIDE EXTENSION, RH REAR	PR70406
6	1	SIDE EXTENSION, RH FRONT	PR70407
100	4	3/8-16 X 1 CARRIAGE BOLT G5 ZC	BL-6-100-C
101	20	3/8 USS FW ZC	BL-6-FW
102	12	3/8 SPLIT LW ZC	BL-6-LW
103	12	3/8-16 HEX NUT ZC	BL-6-N
104	4	3/8-16 X 1-1/4 HHCS G5 ZC	BL-6-125-H
105	4	3/8-16 FIN H LN NE A563 GA ZC	BL-6-LN
106	8	3/8-16 X 1-1/2 CARRIAGE BOLT G5 ZC	BL-6-150-C
107	14	3/8-16 x 1-1/2 HEX CAP G5 ZC	BL-6-150-H
108	28	3/8 FW, LG. OD, G8	BL-FW-USS8

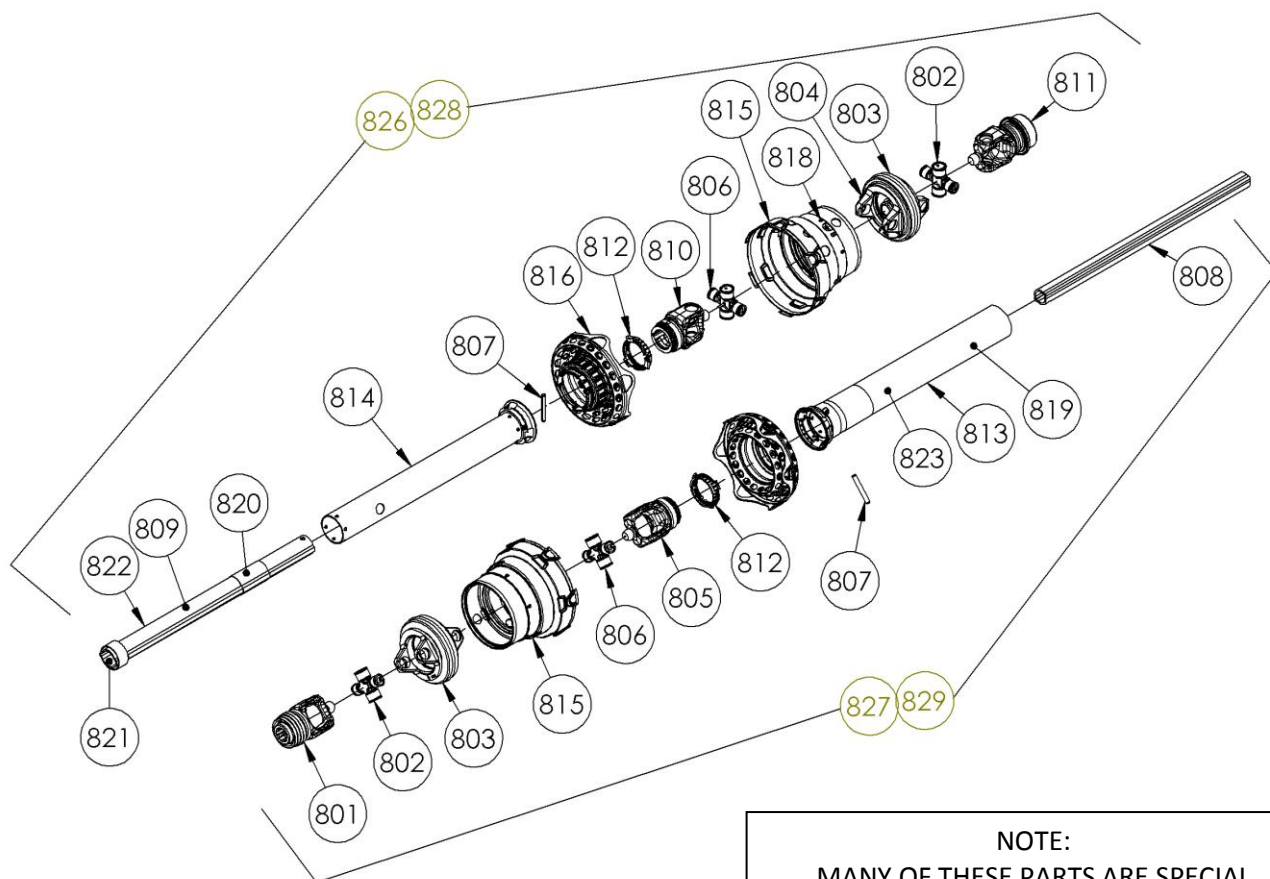
## 7115-1-12

## Opt. Rock Guard



ITEM NO.	QTY	DESCRIPTION	PART NUMBER
1	1	ROCK GUARD	PR70129
100	4	1/2-13 X 1-1/2 CARRIAGE BOLT G5 ZC	BL-8-150-C
101	4	1/2 SAE FW ZC	BL-8-SW
102	4	1/2 SPLIT LW ZC	BL-8-LW
103	4	1/2-13 HEX FIN NUTS ZC	BL-8-N

# 7115-2-01 Driveline, Front, 1000 rpm 1-3/8" CV



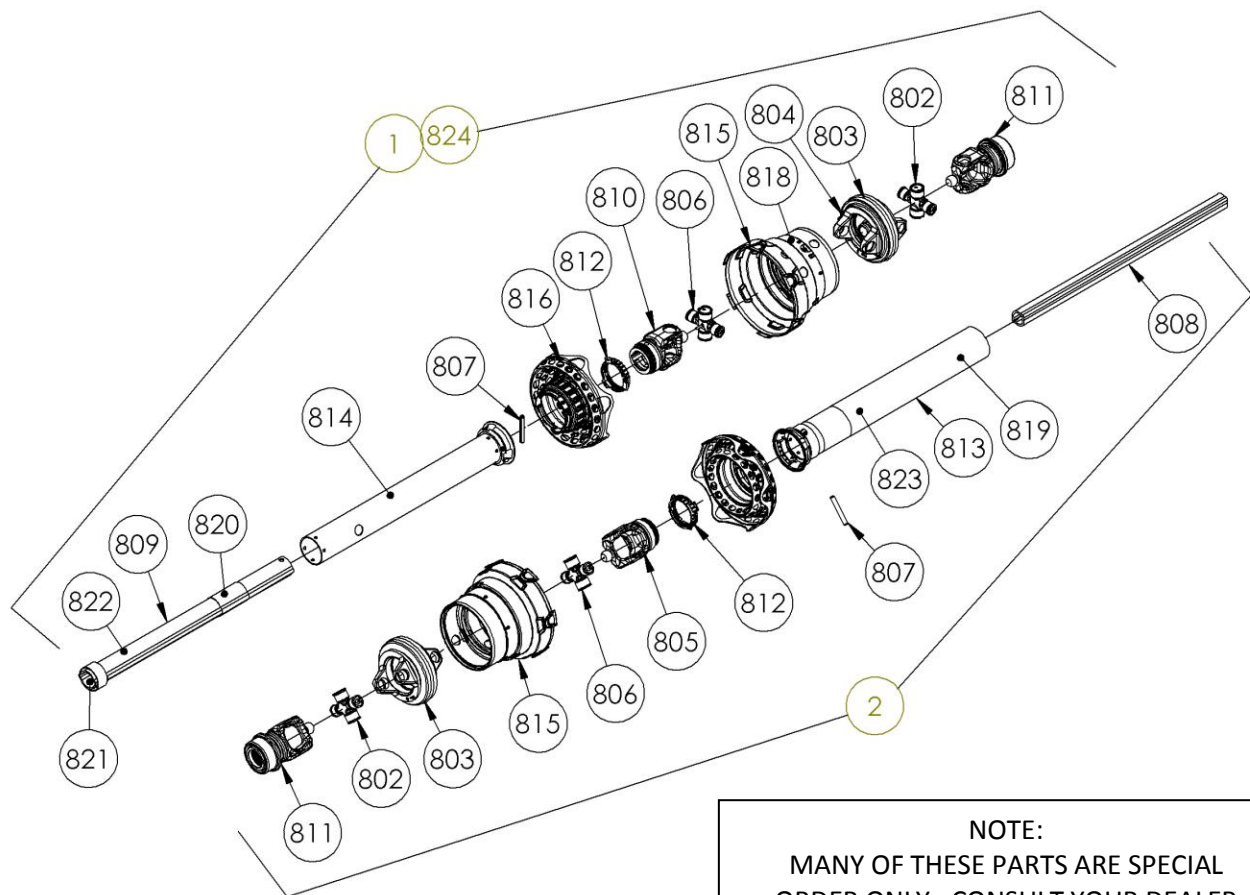
**NOTE:**  
MANY OF THESE PARTS ARE SPECIAL  
ORDER ONLY. CONSULT YOUR DEALER  
FOR AVAILABILITY

ITEM NO.	QTY.	DESCRIPTION	PART NUMBER	ITEM NO.	QTY.	DESCRIPTION	PART NUMBER
1	1	DRIVELINE, 1-3/8-21, 2500 SERIES	PTS-1015	815	2	CV GUARD & BEARING ASSY	PTS-1015L
801	1	YOKE ASG	PTS-1015A	816	2	FLEX NET & GUARD ASSY	PTS-1015M
802	2	CROSS & BEARING KIT	PTS-1015B	817	1	PTO SHIELD SAFETY CHAIN	PTS-1002K
803	2	DOUBLE YOKE END	PTS-3001-Y	818	14	SCREW	PTS-1010K
804	2	ZERK, DOUBLE YOKE	PTS-1008C	819	1	DECAL, OUTER	PTS-1010L
805	1	INBOARD YOKE S4	PTS-1015C	820	1	DECAL, INNER	PTS-1010M
806	2	CROSS & BEARING KIT	PTS-1015D	821	1	SUPPORT BEARING	PTS-1021H
807	2	SPRING PIN 10 X 75	PTS-1014C	822	1	ZERK	PTB-1014L
808	1	INNER PROFILE S4LGA	PTS-1015E	823	1	LUBRICATION DECAL	PTS-1021P
809	1	OUTER PROFILE S5GL	PTS-1015F	824	0	AS COLLAR KIT	PTS-8100E
810	1	INBOARD YOKE S5	PTS-1015G	825	0	ASG COLLAR KIT	PTS-1008R
811	1	YOKE ASG	PTS-1015H	826	1	DRIVELINE, FRONT HALF	PTS-1015FH
812	2	PTO SHIELD BEARING RING	PTS-1002J	827	1	DRIVELINE, REAR HALF	PTS-1015RH
813	1	GUARD TUBE OUTER	PTS-1015J	828	1	SHIELD COMPLETE, FRONT HALF	PTS-1015FS
814	1	GUARD TUBE INNER	PTS-1015K	829	1	SHIELD COMPLETE, REAR HALF	PTS-1015RS



# 7115-2-01A

# Driveline, Front, 1000 rpm 1-3/4"

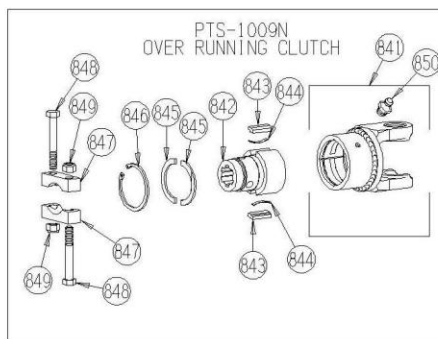
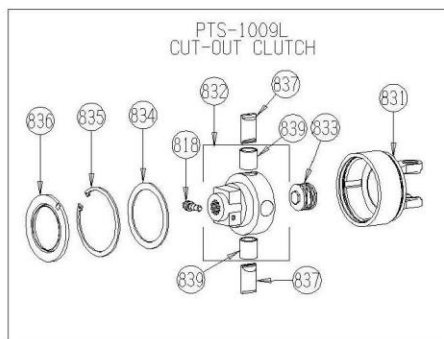
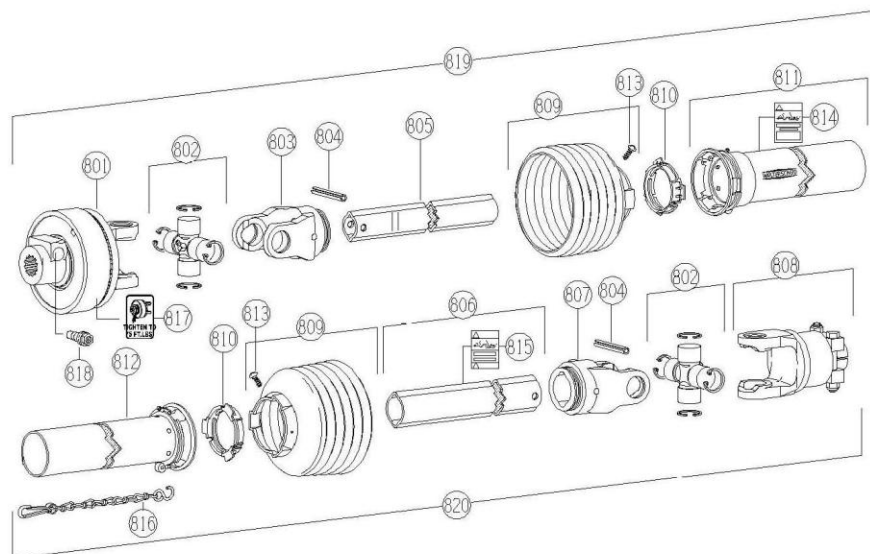


**NOTE:**  
MANY OF THESE PARTS ARE SPECIAL  
ORDER ONLY. CONSULT YOUR DEALER  
FOR AVAILABILITY

ITEM NO	QTY	DESCRIPTION	PART NUMBER	ITEM NO	QTY	DESCRIPTION	PART NUMBER
1	1	DRIVELINE, FRONT HALF	PTS-1016FH	813	1	GUARD TUBE OUTER	PTS-1016C
2	1	DRIVELINE, REAR HALF	PTS-1015RH	814	1	GUARD TUBE INNER	PTS-1016D
802	2	CROSS & BEARING KIT	PTS-1015B	815	2	CV GUARD & BEARING ASSY	PTS-1015L
803	2	DOUBLE YOKE END	PTS-3001-Y	816	2	FLEX NET & GUARD ASSY	PTS-1015M
804	2	ZERK, DOUBLE YOKE	PTS-1008C	817	1	PTO SHIELD SAFETY CHAIN	PTS-1002K
805	1	INBOARD YOKE S4	PTS-1015C	818	18	SCREW	PTS-1010K
806	2	CROSS & BEARING KIT	PTS-1015D	819	1	DECAL, OUTER	PTS-1010L
807	2	SPRING PIN 10 X 75	PTS-1014C	820	1	DECAL, INNER	PTS-1010M
808	1	INNER PROFILE S4LGA	PTS-1016A	821	1	SUPPORT BEARING	PTS-1021H
809	1	OUTER PROFILE	PTS-1016B	822	1	ZERK	PTB-1014L
810	1	INBOARD YOKE S5	PTS-1015G	823	1	LUBRICATION DECAL	PTS-1008Q
811	2	YOKE ASG	PTS-1015H	824	1	SHIELD COMPLETE, FRONT HALF	PTS-1016FS
812	2	PTO SHIELD BEARING RING	PTS-1002J				



**NOTE:**  
MANY OF THESE  
PARTS ARE  
SPECIAL ORDER  
ONLY. CONSULT  
YOUR DEALER FOR  
AVAILABILITY

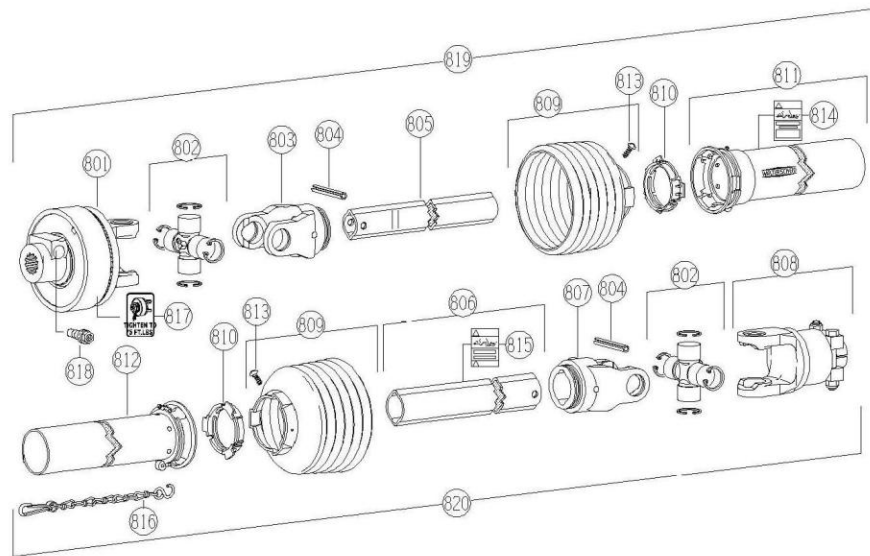


ITEM NO.	QTY	DESCRIPTION	PART NUMBER
1	1	DRIVELINE FOR VERTICALS, REAR	PTS-1009
801	1	CUT-OUT CLUTCH	PTS-1009L
802	2	CROSS & BEARING KIT	PTS-1010B
803	1	INBOARD YOKE, 1b	PTS-1009B
804	2	SPRING PIN	PTS-1010C
805	1	INNER PROFILE	PTB-1014E
806	1	OUTER PROFILE	PTS-1009M
807	1	INBOARD YOKE	PTS-1010D
808	1	OVER RUNNING CLUTCH	PTS-1009N
809	2	SHIELD CONE 6 RIB	PTB-1014I
810	2	PTO SHIELD BEARING RING	PTS-1002J
811	1	GUARD TUBE OUTER	PTS-1009P
812	1	GUARD TUBE INNER	PTS-1009Q
813	2	SCREW	PTS-1010K
814	1	DECAL, OUTER	PTS-1010L
815	1	DECAL, INNER	PTS-1010M
816	1	PTO SHIELD SAFETY CHAIN	PTS-1002K
817	1	DECAL	PTS-1009J
818	1	CC LOCK ASSEMBLY	PTS-1009K

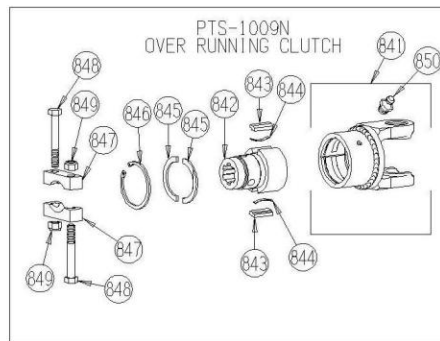
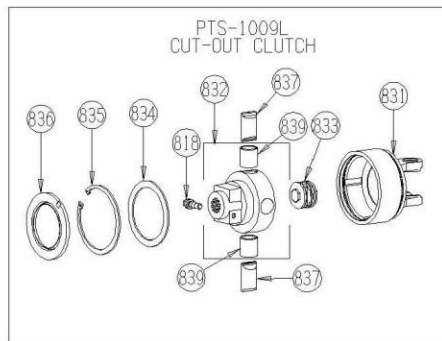
ITEM NO.	QTY	DESCRIPTION	PART NUMBER
819	1	FRONT, HALF SHAFT	PTS-1009-FH
820	1	REAR, HALF SHAFT	PTS-1009-RH
831	1	HOUSING	PTS-1009E-B
832	1	HUB 1-3/4"-20 SPL CC	PTS-1009E-C
833	1	SPRING PACK	PTS-1009E-D
834	1	WASHER	PTS-1009E-E
835	1	RETAINING RING	PTS-1009E-F
836	1	SEALING RING	PTS-1009E-G
838	2	CAM	PTS-1009E-A
839	2	BUSHING - IN PART PTS-1009E-C	PTS-1009E-H
841	1	CLUTCH HOUSING	PTS-1020A-A
842	1	HUB	PTS-1009N-A
843	2	KEY	PTS-1010F-A
844	2	LEAF SPRING	PTS-1010F-B
845	1	SUPPORTING RING	PTS-1009N-B
846	1	RETAINING RING	PTS-1010F-G
847	2	CLAMP BRIDGE	PTS-1009N-C
848	2	HEX BOLT - M16 X 110L	PTS-1009N-D
849	2	LOCKNUT - M16	PTS-1009N-E
850	1	ZERK, DOUBLE YOKE	PTS-1008C

# 7115-2-02A

# Driveline, Rear, Compost Beaters



**NOTE:**  
MANY OF THESE  
PARTS ARE  
SPECIAL ORDER  
ONLY. CONSULT  
YOUR DEALER FOR  
AVAILABILITY

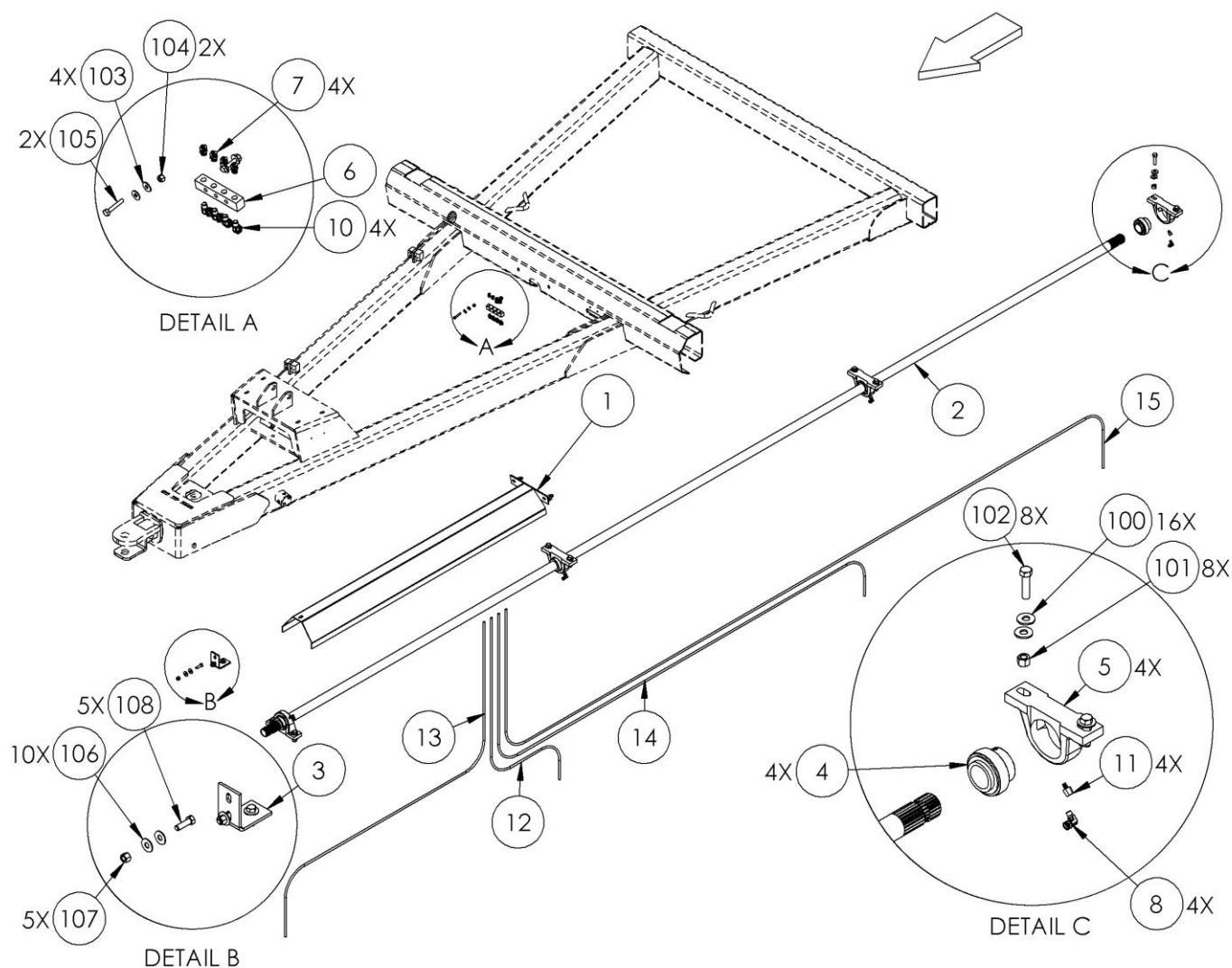


ITEM NO.	QTY	DESCRIPTION	PART NUMBER
1	1	DRIVELINE FOR COMPOST, REAR	PTS-1009-CMP
801	1	CUT-OUT CLUTCH	PTS-1009L
802	2	CROSS & BEARING KIT	PTS-1010B
803	1	INBOARD YOKE, 1b	PTS-1009B
804	2	SPRING PIN	PTS-1010C
805	1	INNER PROFILE	PTB-1014E
806	1	OUTER PROFILE	PTS-1009-CMP1
807	1	INBOARD YOKE	PTS-1010D
808	1	OVER RUNNING CLUTCH	PTS-1009N
809	2	SHIELD CONE 6 RIB	PTB-1014I
810	2	PTO SHIELD BEARING RING	PTS-1002J
811	1	GUARD TUBE OUTER	PTS-1009P
812	1	GUARD TUBE INNER	PTS-1009-CMP2
813	2	SCREW	PTS-1010K
814	1	DECAL, OUTER	PTS-1010L
815	1	DECAL, INNER	PTS-1010M
816	1	PTO SHIELD SAFETY CHAIN	PTS-1002K
817	1	DECAL	PTS-1009J
818	1	CC LOCK ASSEMBLY	PTS-1009K

ITEM NO.	QTY	DESCRIPTION	PART NUMBER
819	1	FRONT, HALF SHAFT	PTS-1009-FH
820	1	REAR, HALF SHAFT	PTS-1009-CMP-RH
831	1	HOUSING	PTS-1009E-B
832	1	HUB 1-3/4"-20 SPL CC	PTS-1009E-C
833	1	SPRING PACK	PTS-1009E-D
834	1	WASHER	PTS-1009E-E
835	1	RETAINING RING	PTS-1009E-F
836	1	SEALING RING	PTS-1009E-G
838	2	CAM	PTS-1009E-A
839	2	BUSHING - IN PART PTS-1009E-C	PTS-1009E-H
841	1	CLUTCH HOUSING	PTS-1020A-A
842	1	HUB	PTS-1009N-A
843	2	KEY	PTS-1010F-A
844	2	LEAF SPRING	PTS-1010F-B
845	1	SUPPORTING RING	PTS-1009N-B
846	1	RETAINING RING	PTS-1010F-G
847	2	CLAMP BRIDGE	PTS-1009N-C
848	2	HEX BOLT - M16 X 110L	PTS-1009N-D
849	2	LOCKNUT - M16	PTS-1009N-E
850	1	ZERK, DOUBLE YOKE	PTS-1008C

# 7115-2-03

# Driveline, Mid Shaft & Shields

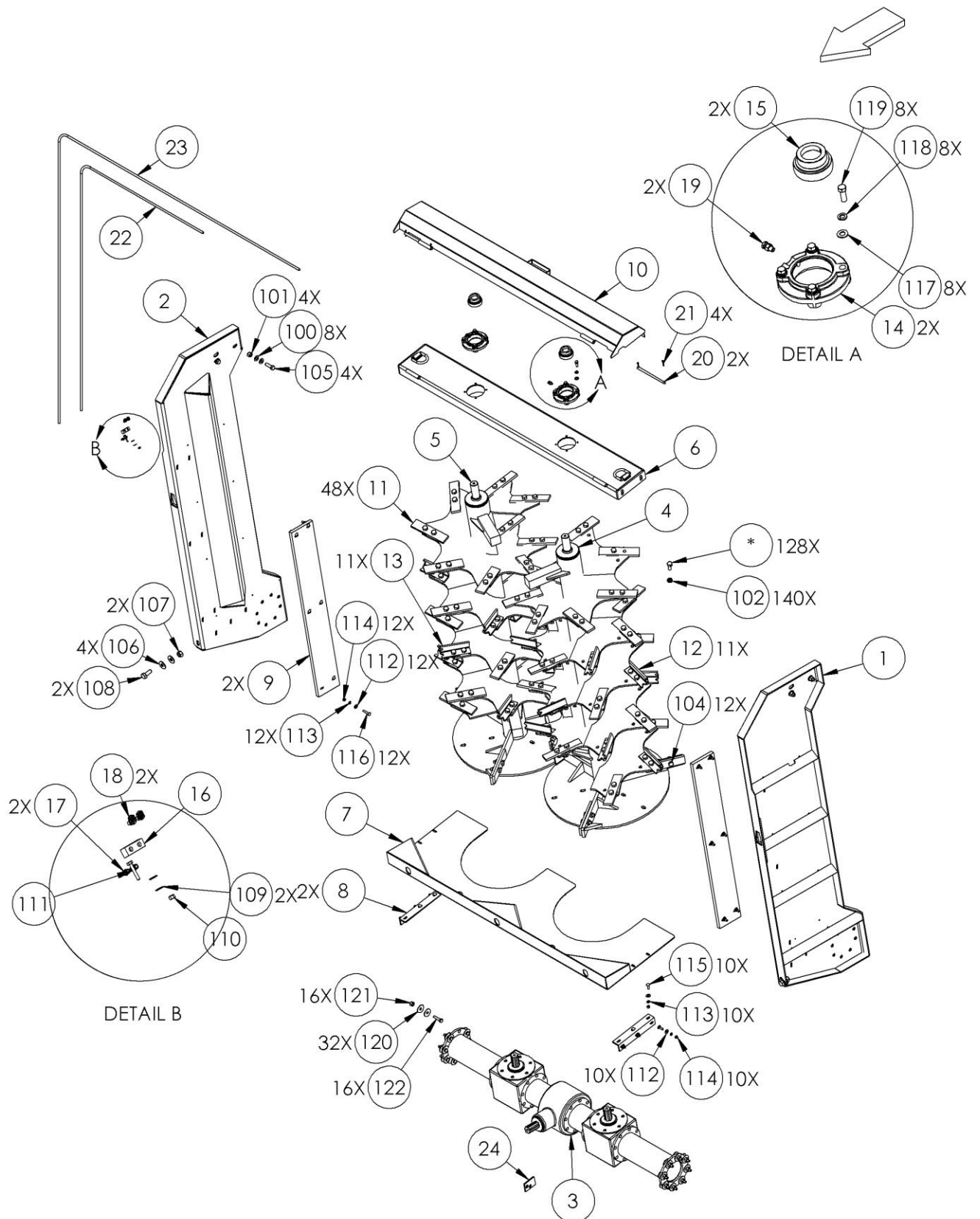


ITEM NO.	QTY	DESCRIPTION	PART NUMBER	ITEM NO.	QTY	DESCRIPTION	PART NUMBER
1	1	DRIVE SHAFT SHIELD	PR70089	13	1	1/8" HOSE 1/8MP X 1/8MP X 180 L	H2-72-2MP-2MP
2	1	DRIVE SHAFT	PR33228	14	1	1/8" HOSE 1/8MP X 1/8MP X 114 L	H2-114-2MP-2MP
3	1	MOUNT, DRIVELINE SHIELD	PR70132	15	1	1/8" HOSE 1/8MP X 1/8MP X 165 L	H2-165-2MP-2MP
4	4	1.75" BEARING	BR-175-085-I	100	16	1/2 USS FW ZC	BL-8-FW
5	4	BEARING HOUSING	BR-085-RAK	101	8	1/2-13 LN NYLON INSERT ZC	BL-8-LN
6	1	4" GREASE MANIFOLD	GF-4-4	102	8	1/2-13 X 2 HEX CAP G5 ZC	BL-8-200-H
7	4	GREASE FITTING 1/8 NPT 45°	GF-1827-45	103	4	1/4 USS FW ZC	BL-4-FW
8	4	1/8MP X 1/8 FPX 90°	A-1501-2-2	104	2	1/4-20 HEX LN NE ZC	BL-4-LN
9	4	1/8MP X 1/8 FPX	A-1404-2-2	105	2	1/4-20 X 1-1/2 HEX CAP G5 ZC	BL-4-150-H
10	4	1/8 MP X 1/8 FPX 45°	A-1503-2-2	106	10	3/8 USS FW ZC	BL-6-FW
11	4	1/4"-28 X 1/8" B2 FNPT ADAPTER	GFA-51942	107	5	3/8-16 FIN H LN NE A563 GA ZC	BL-6-LN
12	1	1/8" HOSE 1/8MP X 1/8MP X 20 L	H2-20-2MP-2MP	108	5	3/8-16 X 1-1/4 HHCS G5 ZC	BL-6-125-H

## 7115-2-04      Vertical Beaters

ITEM NO.	QTY	DESCRIPTION	PART NUMBER
1	1	BEATER PANEL, LH	PR70103
2	1	BEATER PANEL, RH	PR70104
3	1	GEARBOX, 1000 rpm	VTB-1899-P2
4	1	BEATER, LH	VTB-0007
5	1	BEATER, RH	VTB-0008
6	1	BEARING MOUNT, BEATER	PR70083
7	1	BEATER PAN	PR70084
8	2	MOUNT, BEATER PAN	PR70085
9	2	PLASTIC, BEATER PANEL	PR70120
10	1	COVER, BEATER BEARING	PR70096
11	48	BALANCED BEATER KNIFE	VTB-1899-F3
12	11	LEFT BLADE	VTB-1899-B3
13	11	RIGHT BLADE	VTB-1899-C3
14	2	FLANGE BEARING HOUSING	BR-085-4PF
15	2	1.75" BEARING	BR-175-085-I
16	1	2" GREASE MANIFOLD	GF-2-2
17	2	GREASE FITTING 1/8NPT	GF-1827
18	2	1/8 MP X 1/8 FPX 45°	A-1503-2-2
19	2	1/8 MP X 1/8 FPX	A-1404-2-2
20	2	HINGE PIN	PR70133
21	4	COTTER PIN, 3/16 X 1-1/2"	PIN-C3-24
22	1	SHIM, BOTTOM PANEL, GEARBOX	PR50502
23	11	GEAR LUBE @ QT	HP-1038
101	4	5/8-11 HEX LN NE ZC	BL-10-LN
102	140	5/8-11 STOVER LN	BL-10-LNS
103	128	5/8-11 X 1.75" HH G8	BL-10-175-H8
104	12	5/8-11 X 2.00" HH G8	BL-10-200-H8
105	4	5/8-11 X 2 HEX CAP G5 ZC	BL-10-200-H
106	4	3/4 FW G8	BL-12-FW-8
107	2	3/4-10 LN w/ NYLON INSERTS G8	BL-12-LN-8
108	2	3/4-10 X 2 HH C/S G8 ZC	BL-12-200-8
109	2	1/4 USS FW ZC	BL-4-FW
110	1	1/4-20 HEX LN NE ZC	BL-4-LN
111	1	1/4-20 X 1.50" HH G5	BL-4-150-H
112	22	3/8 USS FW ZC	BL-6-FW
113	22	3/8 SPLIT LW ZC	BL-6-LW
114	22	3/8-16 HEX NUT ZC	BL-6-N
115	10	3/8-16 X 1-1/4 CARRIAGE BOLT G5 ZC	BL-6-125-C
116	12	3/8-16 X 2 CARRIAGE BOLT G5 ZC	BL-6-200-C
117	8	7/16" SAE FW	BL-7-SW
118	8	7/16" SPLIT LW	BL-7-LW
119	8	7/16-14 X 1-3/4 HH G5 ZC	BL-7-175-HH
120	32	9/16 FW G8	BL-9-FW-8
121	16	9/16-12 LN w/ NYLON INSERT	BL-9-LN
122	16	9/16-12 X 2.00" HH G8	BL-9-200-H8
123	8	5/8 SAE FW G8	BL-10-SW-8

## Vertical Beaters



ITEM NO.	QTY	DESCRIPTION	PART NUMBER
1	1	BEATER PANEL, LH	PR70229
2	1	BEATER PANEL, RH	PR70230
3	1	MOUNT, SLURRY PAN, RH	PR70216
4	1	MOUNT, SLURRY PAN, LH	PR70217
5	1	MOUNT, SPINNER, RH	PR70218
6	1	MOUNT, SPINNER, LH	PR70219
7	1	SIDE SHIELD, PTO & GEARBOX	PR70220
8	1	SLURRY PAN	PR70212
9	1	COMPOSTER TOP BELTING	PR70253
10	2	WELDED CYLINDER	HC-150-1004
11	1	RUBBER, BOTTOM SKIRT	PR70235
12	1	RUBBER, MID SKIRT	PR70236
13	1	TOP PANEL	PR70252
14	1	BACK PANEL, HYDRAULIC LIFT	PR70233
15	1	ADJUSTABLE PANEL	PR70234
16	2	BACKING BAR, BELTING	PR70238
17	2	HORIZ. BEATER ASSY	VTB-CMP-2106
18	2	FLANGE BEARING HOUSING	BR-085-4PF
19	2	1.75" BEARING	BR-175-085-I
20	2	GREASE FITTING 1/8NPT	GF-1827
21	1	GEARBOX, BEATER	VTB-CMP-2200-C
22	1	YOKE, PTO	VTB-CMP-2200-I
23	2	CONE GUARD, PTO	VTB-CMP-2200-H
24	1	STRAIGHT GUARD, PTO	VTB-CMP-2200-J
25	1	SIDE GEARBOX, SPINNER	VTB-CMP-2200-G
26	1	GEARBOX, SPINNER	VTB-CMP-2200-D
27	1	SPINNER, LH	VTB-CMP-2200-E
28	1	SPINNER, RH	VTB-CMP-2200-F
29	2	MED. RUBBER T-LATCH	LA-1530
30	6	3/16 X 5/16 DOMED POP RIVET	RI-3-5-P
101	2	3/8-16 X 1-1/4 EYE BOLT, SS	BL-6-125-ES-SS
102	44	3/8-16 X 1-1/4 CARRIAGE BOLT G5 ZC	BL-6-125-C
103	10	3/8-16 X 1-1/4 HHCS G5 ZC	BL-6-125-H
104	66	3/8 USS FW ZC	BL-6-FW
105	54	3/8 SPLIT LW ZC	BL-6-LW
106	54	3/8-16 HEX NUT ZC	BL-6-N
107	2	3/8-16 FIN H LN NE A563 GA ZC	BL-6-LN
108	5	1/2-13 X 1-1/2 HH C/S BOLT G5 ZC	BL-8-150-H
109	10	1/2 USS FW ZC	BL-8-FW
110	5	1/2-13 HEX FIN NUTS ZC	BL-8-N
111	2	5/8-11 X 3 HEX CAP G5 ZC	BL-10-300-H
112	4	5/8 USS FW ZC	BL-10-FW
113	2	5/8-11 HEX LN NE ZC	BL-10-LN

## Opt. Compost Beaters



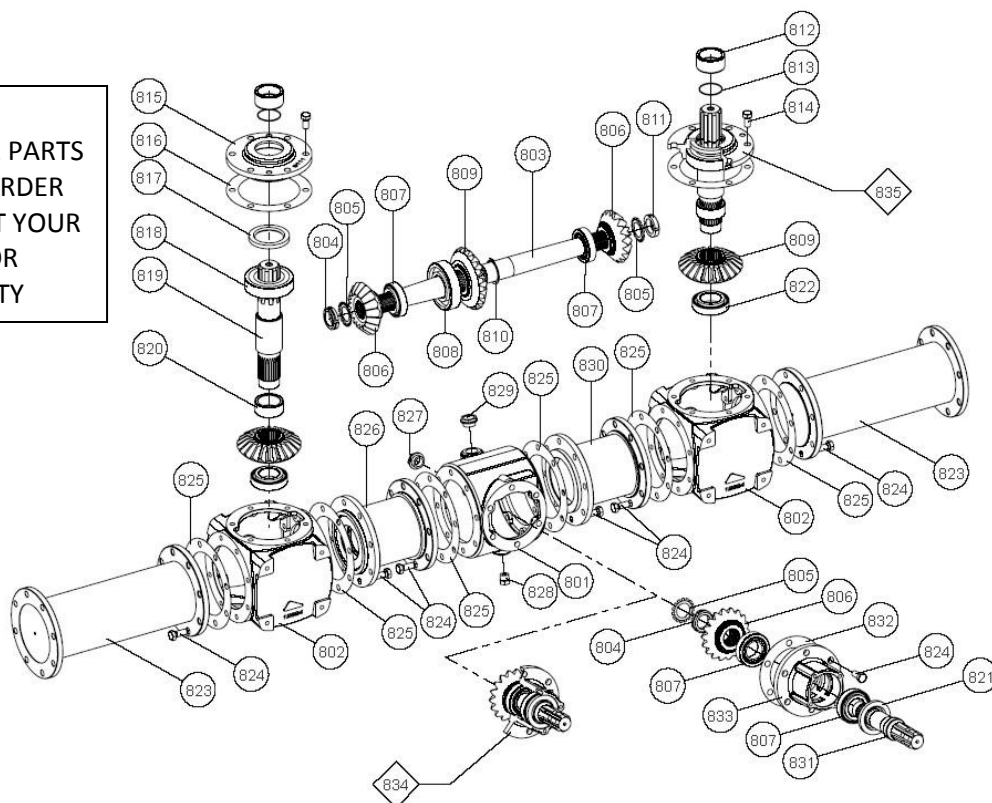
# 7115-2-05

# Gearbox, Main Beaters

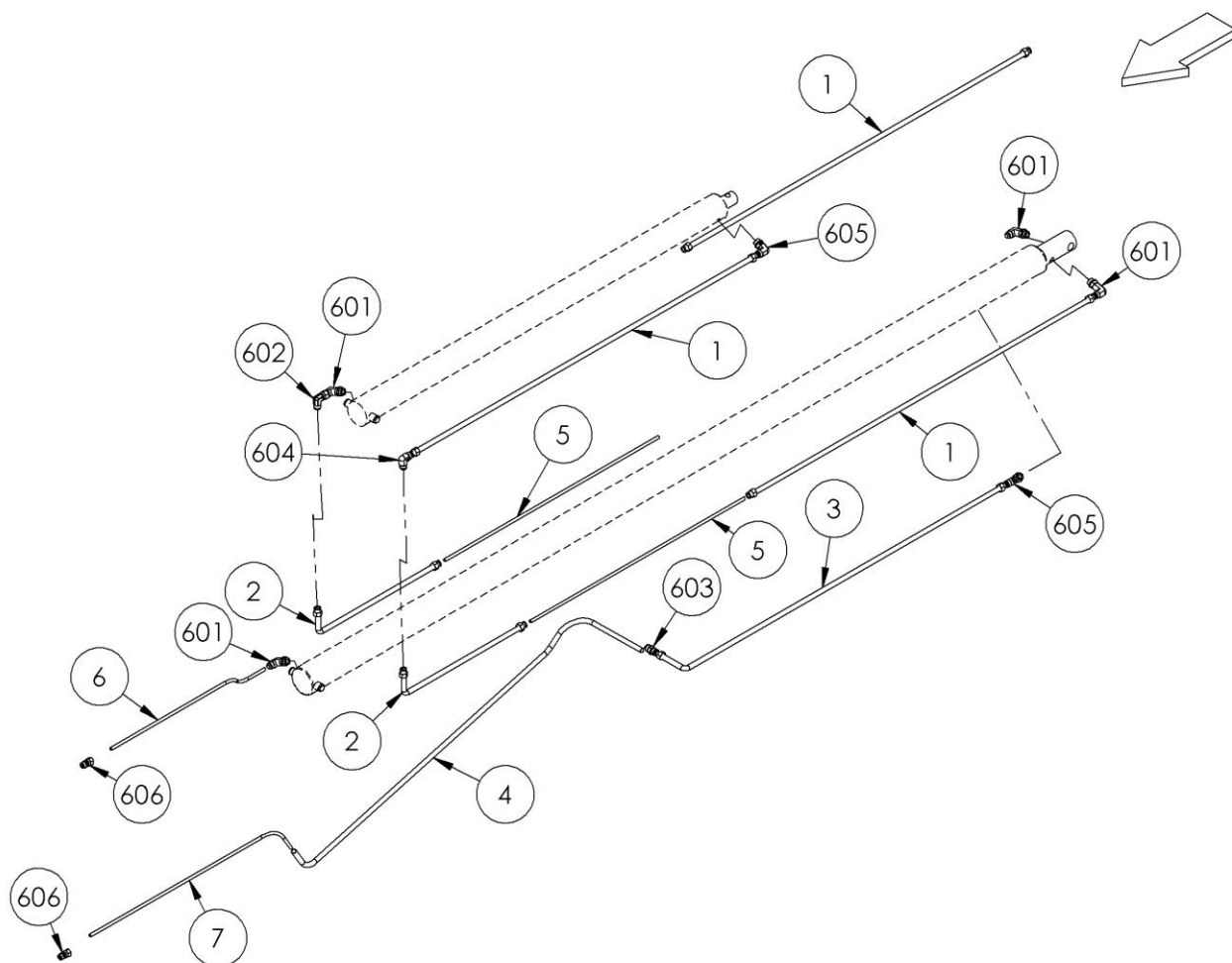
ITEM NO.	QTY	DESCRIPTION	PART NUMBER
801	1	HOUSING	VTB-1899-A1
802	2	HOUSING	VTB-1899-B1
803	1	SHAFT	VTB-1899-C1
804	2	THREADED RING	VTB-1899-D1
805	3	WASHER	VTB-1899-E1
806	2	BEVEL PINION Z=13	VTB-1899-F1
807	4	BEARING 32209	VTB-1899-G1
808	1	BEARING 6311	VTB-1899-H1
809	1	GEAR Z=24	VTB-1899-J1
810	1	CIRCLIP E 55	VTB-1899-K1
811	1	THREADED RING	VTB-1899-L1
812	2	SPACER	VTB-1899-M1
813	2	O-RING 2212	VTB-1899-N1
814	12	SCREW, HEX-HD M14X30	VTB-1899-P1
815	2	CALOTTE	VTB-1899-Q1
816	2	GASKET	VTB-1899-R1
817	2	OIL SEAL	VTB-1899-S1
818	2	BEARING 6311-2RS	VTB-1899-T1
819	2	SHAFT	VTB-1899-U1

ITEM NO.	QTY	DESCRIPTION	PART NUMBER
820	2	SPACER	VTB-1899-V1
821	2	GEAR Z=22	VTB-1899-W1
822	2	BEARING 32210	VTB-1899-X1
823	2	SPACER L=428	VTB-1899-Y1
824	54	SCREW, HEX-HD M14X35	VTB-1899-Z1
825	6	GASKET	VTB-1899-A2
826	1	RIGHT SPACER L=178	VTB-1899-B2
827	1	OIL LEV. INDICATOR	VTB-1899-C2
828	1	OIL PLUG, 1/2" GAS	VTB-1899-D2
829	1	OIL PLUG, 1" GAS	VTB-1899-E2
830	1	LEFT SPACER, L=178	VTB-1899-F2
831	1	BEVEL PINION Z=17	VTB-1899-G2
832	1	GASKET	VTB-1899-H2
833	1	HUB	VTB-1899-J2
834	1	OIL SEAL	VTB-1899-K2
835	1	SHAFT	VTB-1899-L2
836	1	HUB COMPLETE	VTB-1899-M2
837	2	CALOTTE COMPLETE	VTB-1899-N2

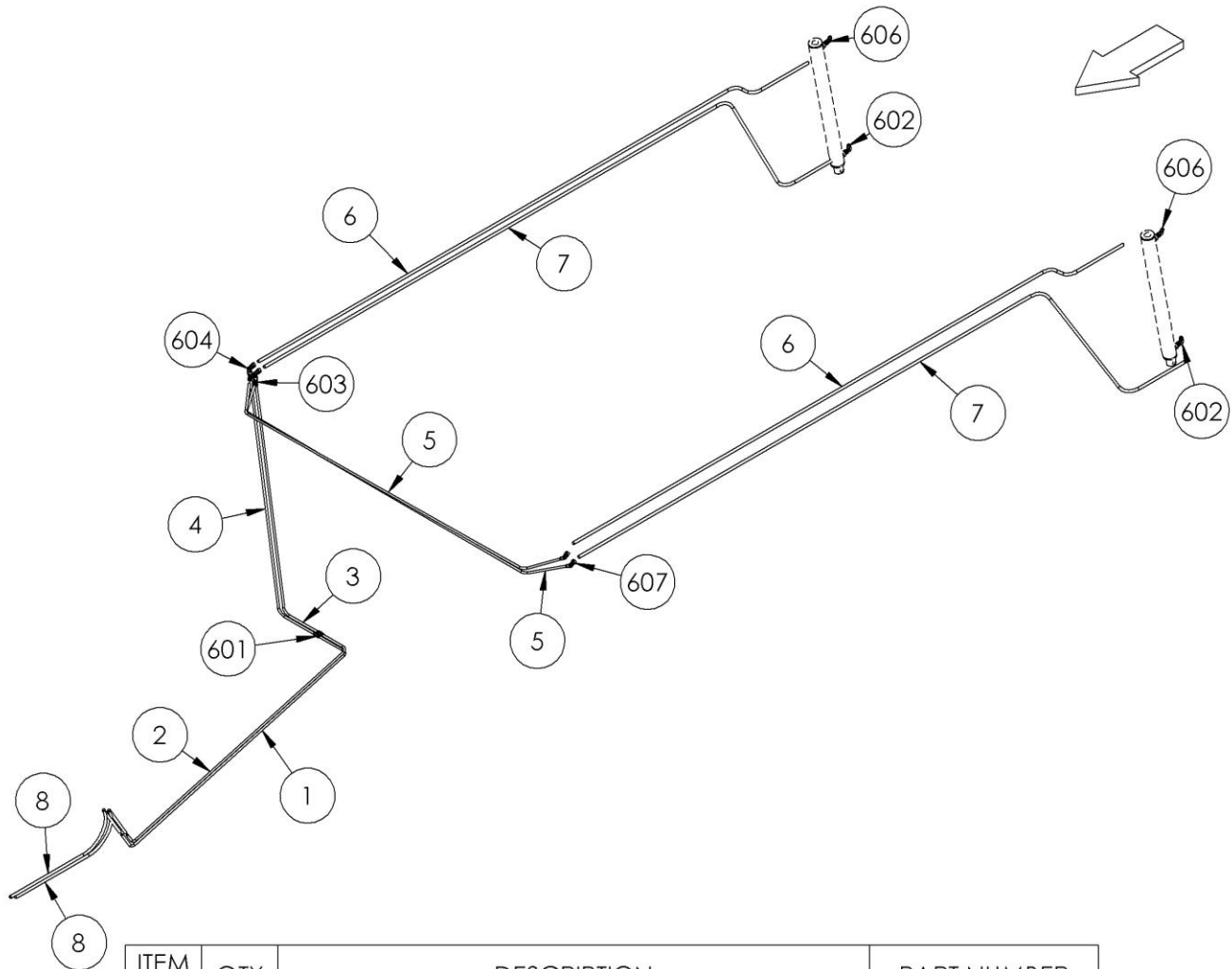
**NOTE:**  
MANY OF THESE PARTS  
ARE SPECIAL ORDER  
ONLY. CONSULT YOUR  
DEALER FOR  
AVAILABILITY



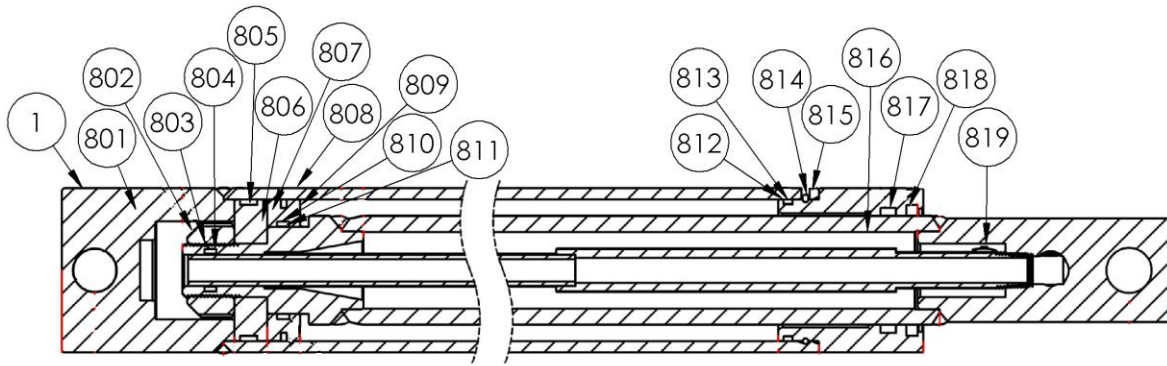




ITEM NO.	QTY	DESCRIPTION	PART NUMBER
1	3	5/8" SS TUBE, FLOOR/PUSHER	H-T7001
2	2	5/8" SS TUBE, FLOOR/PUSHER	H-T7002
3	1	5/8" SS TUBE, FLOOR/PUSHER	H-T7003
4	1	5/8" SS TUBE, FLOOR/PUSHER	H-T7045
5	2	1/2" HOSE 5/8MJ X 5/8MJ X 39.75 L	H8-40-10MJ-10MJ
6	1	1/2" HOSE 1/2MP X 5/8FJ X 88 L	H8-88-8MP-10FJ
7	1	1/2" HOSE 1/2MP X 5/8MJ X 100 L	H8-100-8MP-10MJ
8	5	HYTRAN @ GAL	HY-TRAN
601	4	ELBOW, LONG, 5/8MJ x 10 SAE	A-6801-L-10
602	1	90 ELBOW, 5/8" MJ X 5/8" FJX	A-6500-10
603	1	UNION, 5/8MJ X 5/8MJ	A-2403-10
604	1	ELBOW, 5/8MJ X 5/8MJ	A-2500-10
605	2	ELBOW 5/8" MJ X 10 SAE	A-6801-10
606	2	TRACTOR QUICK COUPLER, MALE, 1/2 FPT	A-QD2010-8-8



ITEM NO.	QTY	DESCRIPTION	PART NUMBER
1	1	3/8" SS TUBE, ENDGATE, TONGUE	H-T7048
2	1	3/8" SS TUBE, ENDGATE, TONGUE	H-T7042
3	1	3/8" SS TUBE, ENDGATE, POST	H-T7046
4	1	3/8" SS TUBE, ENDGATE, POST	H-T7047
5	2	3/8" SS TUBE, ENDGATE, CROSSOVER	H-T7049
6	2	1/4" HOSE 3/8MJ X 3/8FJ X 156 L	H4-156-6FJ-6MJ
7	2	1/4" HOSE 3/8MJ X 3/8FJ X 180 L	H4-180-6MJ-6FJ
8	2	1/4" HOSE 3/8MJ X 1/2MP X 100 L	H4-100-6MJ-8MP
9	10	HOSE CLAMP, 1/4 HYDRAULIC	PR34896
10	10	SUPPORT, CLAMP, 1/4 DBL HOSE CLAMP	PR34894
601	2	UNION, 3/8" MJ X 3/8" MJ	A-2403-6-6
602	2	ELBOW, 3/8" MJ X 3/8" SAE	A-6801-6
603	2	TEE, 3/8" MJ X 3/8" FJX X 3/8" MJ	A-6602-6
604	2	ELBOW, 3/8 MJ x 3/8 FJX	A-6500-06
605	2	TRACTOR QUICK COUPLER, MALE	A-QD2010-8-8
606	2	ELBOW, 45°, 3/8 MJ x 6 SAE	A-6802-06
607	2	ELBOW, 45°, 3/8 MJ x 3/8 FJX	A-6502-6



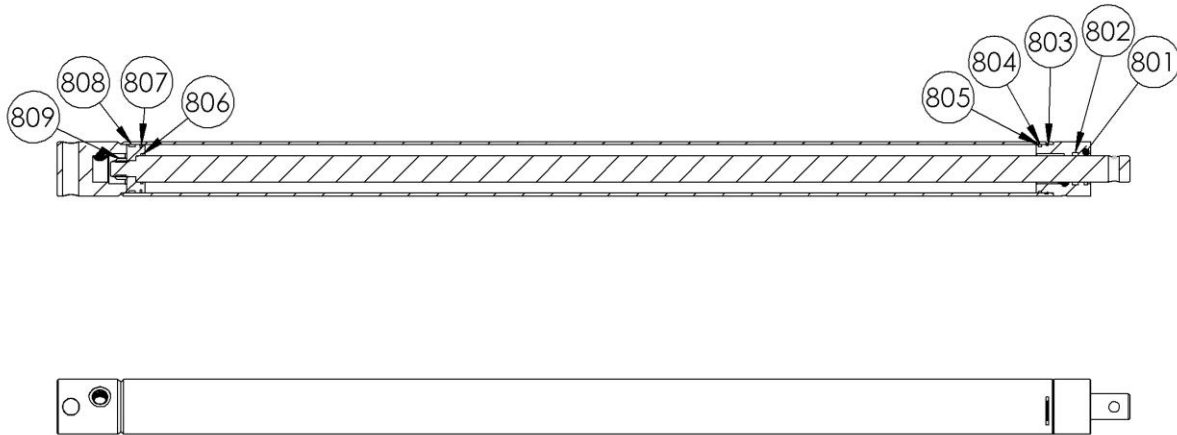
820 SEAL KIT

NOTE:  
MANY OF THESE PARTS ARE SPECIAL  
ORDER ONLY. CONSULT YOUR DEALER  
FOR AVAILABILITY

ITEM NO.	QTY	DESCRIPTION	PART NUMBER
1	1	MAIN CYLINDER	PR23132
801	1	BARREL ASSY	PR23131-L
802	1	LOCKNUT - THIN	PR23131-M
803	2	BACKUP WASHER	PR23131-N
804	1	O-RING	PR23131-O
805	1	WEAR RING	PR23131-P
806	1	PISTON	PR23131-Q
807	1	PISTON	PR23131-R
808	1	PISTON RING	PR23131-A
809	1	O-RING	PR23131-B
810	1	O-RING	PR23131-C
811	2	BACK-UP WASHER	PR23131-D
812	1	O-RING	PR23131-E
813	1	BACK-UP WASHER	PR23131-F
814	1	LOCK RING	PR23131-LR
815	1	BEARING ASSEMBLY	PR23131-G
816	1	TRANSFER TUBE	PR23131-H
817	1	BEARING SEAL	PR23131-I
818	1	WIPER	PR23131-J
819	1	PISTON ROD ASSY	PR23131-K
820	1	SEAL KIT, MAIN CYL.	PR23131-SK

# 7115-3-04

# Cylinder, Pusher

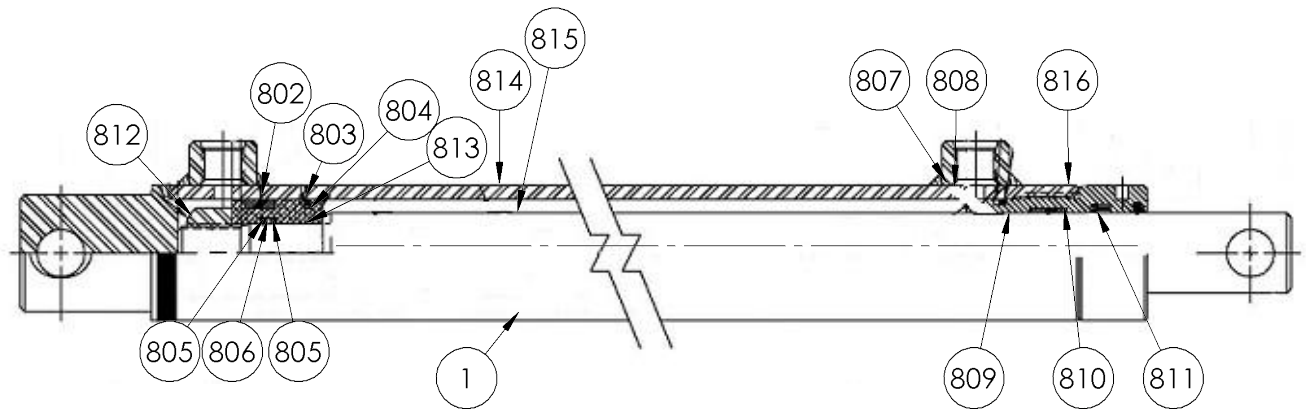


NOTE:  
MANY OF THESE PARTS  
ARE SPECIAL ORDER  
ONLY. CONSULT YOUR  
DEALER FOR AVAILABILITY

ITEM NO.	QTY	DESCRIPTION	PART NUMBER
1	1	SECONDARY CYLINDER	PR23144
801	1	SEAL KIT	PR23143-SK
802	1	ROD SEAL	PR23143-F
803	1	LOCK RING	PR23143-H
804	1	BACK-UP RING	PR23143-E
805	1	O-RING	PR23143-D
806	1	ROD SEAL	PR23143-C
807	1	O-RING	PR23143-B
808	1	P / SEAL	PR23143-A
809	1	7/8-14 BSF NUT	PR23143-M

# 7115-3-05

# Cylinder, Endgate



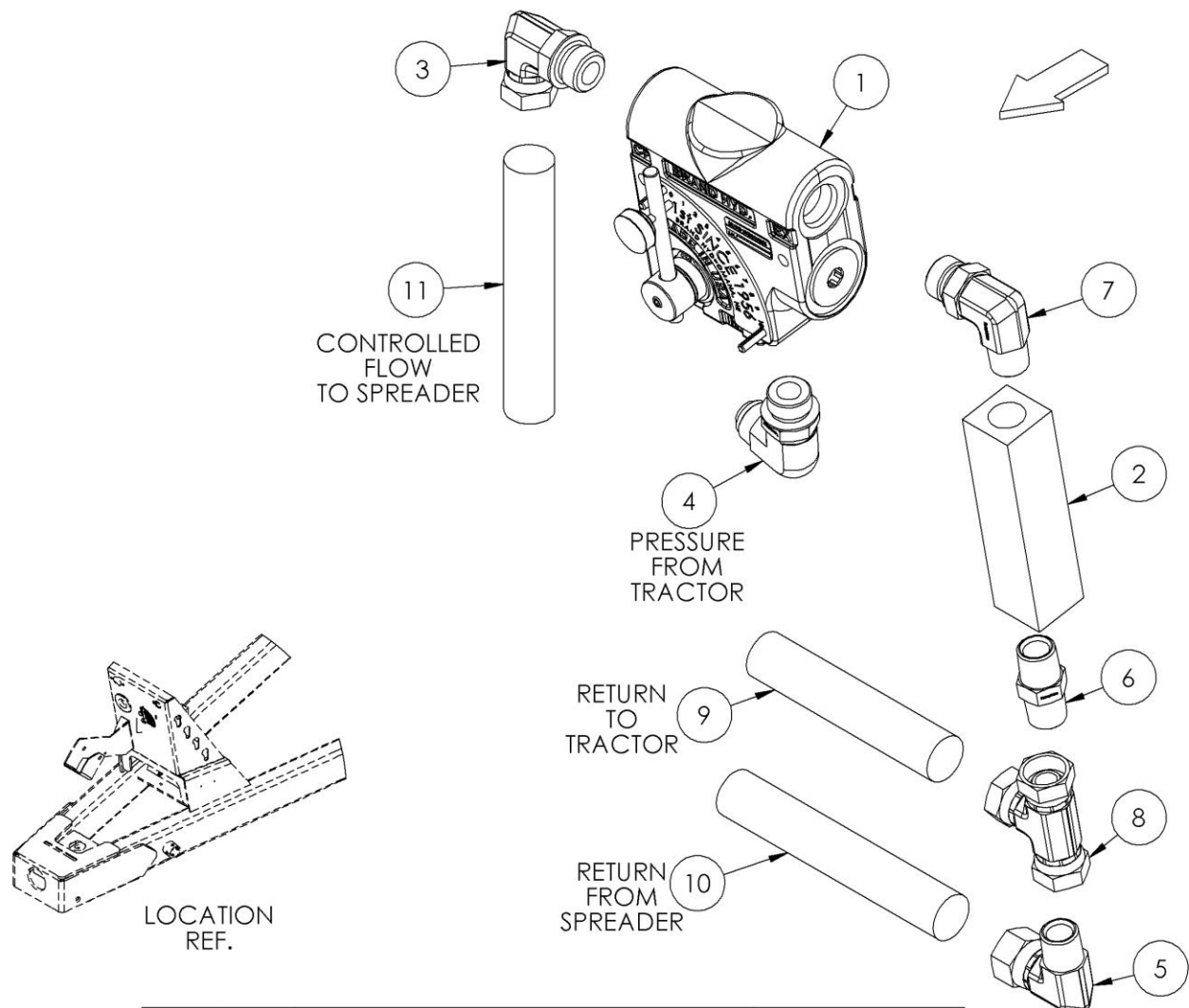
817 SEAL KIT

**NOTE:**  
MANY OF THESE PARTS ARE SPECIAL  
ORDER ONLY. CONSULT YOUR DEALER  
FOR AVAILABILITY

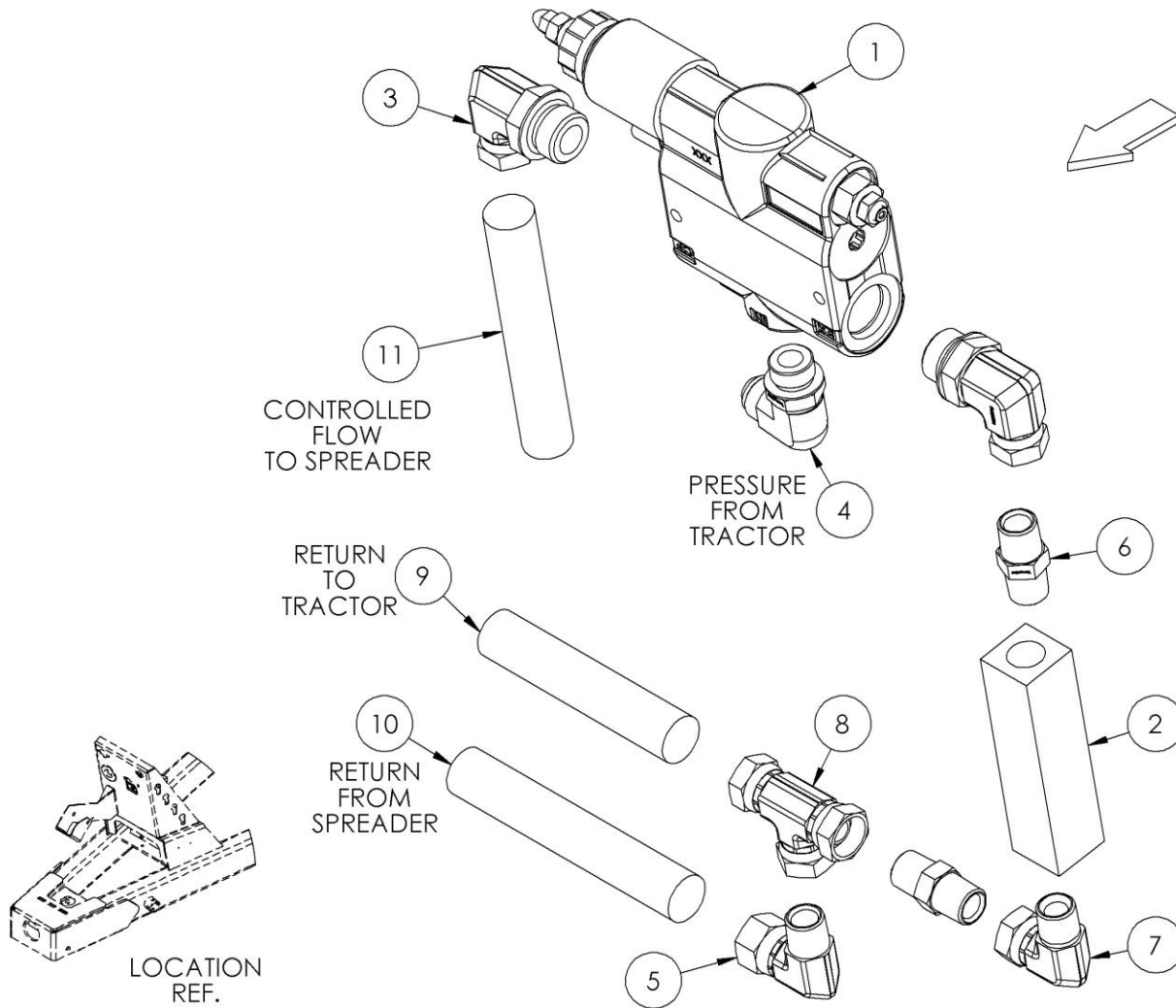
ITEM NO	QTY	DESCRIPTION	PART NUMBER
1	2	CYLINDER, ENDGATE, 1.5 BORE	PR39068
802	1	WEAR RING	PR39068-A
803	1	TFE SEAL	PR39068-B
804	1	O RING	PR39068-C
805	2	BACK-UP RING	PR39068-D
806	1	O RING	PR39068-E
807	1	O RING	PR39068-F
808	1	BACK-UP RING	PR39068-G
809	1	WEAR RING	PR39068-H
810	1	LOADED U-CUP	PR39068-I
811	1	ROD WIPER	PR39068-J
812	1	LOCKNUT	PR39068-K
813	1	PISTON	PR39068-L
814	1	BARREL ASSEMBLY	PR39068-M
815	1	ROD	PR39068-N
816	1	INTERNAL CYL. HEAD, 1-1/2" (FINE)	PR39068-OB
817	1	SEAL KIT, ENDGATE CYL., PER EACH	PR39068-SK

# 7115-3-06

## Opt. Control Valve, Open Center

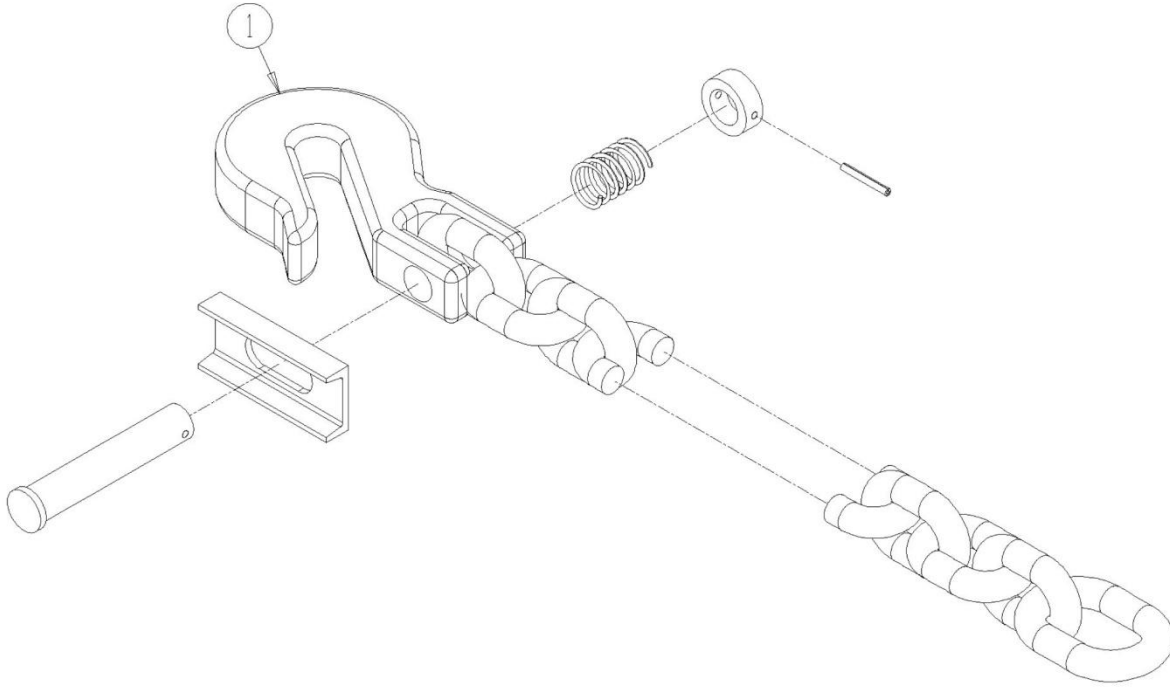


ITEM NO.	QTY	DESCRIPTION	PART NUMBER
1	1	FLOW CONTROL	HV-FC5510
2	1	1/2" PARKER CHECK VALVE	HV-CKV-800S
3	1	10 SAE X 1/2 FFX90°, FORGED	A-6901-10-8
4	1	ELBOW, 5/8" MJ X 10 SAE	A-6801-10
5	1	ELBOW 1/2 MP X 5/8 FJX	A-6501-10-08
6	1	HEX NIPPLE 1/2" X 1/2"	A-5404-8-8
7	1	10 SAE X 1/2" MP 90°	A-6806-10-8
8	1	SWIVEL T 1/2" NPTF	A-1603-8-8-8
9	1	1/2" HOSE 1/2MP X 5/8MJIC X 27" L	H8-27-8MP-10MJ
10	1	1/2" HOSE 1/2MP X 1/2MP X 94" L	H8-94-8MP-8MP
11	1	1/2" HOSE 1/2MP X 5/8FJ X 16" L	H8-16-8MP-10FJ
102	2	1/4-20 HEX LN NE ZC	BL-4-LN
103	4	1/4 USS FW ZC	BL-4-FW
104	2	1/4-20 X 3 HEX CAP G5 ZC	BL-4-300-H



ITEM NO.	QTY	DESCRIPTION	PART NUMBER	ITEM NO.	QTY	DESCRIPTION	PART NUMBER
1	1	ELECT. FLOW CONTROL	HVE-C122012	202	20	14 GA. WIRE (RED)	ELC-14-R
2	1	1/2" PARKER CHECK VALVE	HV-CKV-800S	203	20	14 GA. WIRE (BLACK)	ELC-14-BLK
3	2	ELBOW 12 SAE X 1/2" FPX	A-6901-12-8	204	20	1/4" WIRE LOOM @FT	ELL-25-0
4	1	ELBOW 5/8" MJ X 10 SAE	A-6801-10	205	4	MALE TERMINAL	EL-30036
5	1	ELBOW 1/2 MP X 5/8 FJX	A-6501-10-08	206	4	FEMALE TERMINAL	EL-30037
6	2	HEX NIPPLE 1/2" X 1/2"	A-5404-8-8	207	4	TWO CONTACT CLIP	EL-38035
7	1	1/2 MP X 1/2 FPX90°	A-1501-8-8	208	2	MAKE BODY	EL-38062
8	1	SWIVEL T 1/2" NPTF	A-1603-8-8-8	209	2	FEMALE BODY	EL-38063
9	1	1/2" HOSE 1/2MP X 5/8MJIC X 27" L	H8-27-8MP-10MJ	210	8	CABLE SEAL	EL-39000
10	1	1/2" HOSE 1/2MP X 1/2MP X 94" L	H8-94-8MP-8MP	211	2	TERMINAL RING, 16-14 GA. #10 BLUE	ELT-31703
11	1	1/2" HOSE 1/2MP X 5/8FJ X 16" L	H8-16-8MP-10FJ	212	1	BRAND FLOW VALVE ELEC. BOX	HV-1201
102	2	1/4-20 HEX LN NE ZC	BL-4-LN	213	2	RIVET, FUSE HOLDER	EL-46009
103	4	1/4 USS FW ZC	BL-4-FW	214	1	SPRING, FUSE HOLDER	EL-46015
104	2	1/4-20 X 3 HEX CAP G5 ZC	BL-4-300-H	215	1	BODY, FUSE HOLDER	EL-46014
201	40	14 GA. WIRE (BLUE)	ELC-14-BL	216	1	1.5 AMP FUSE, TYPE GMA	EL-70150

## 7115-4-01      Safety Chain

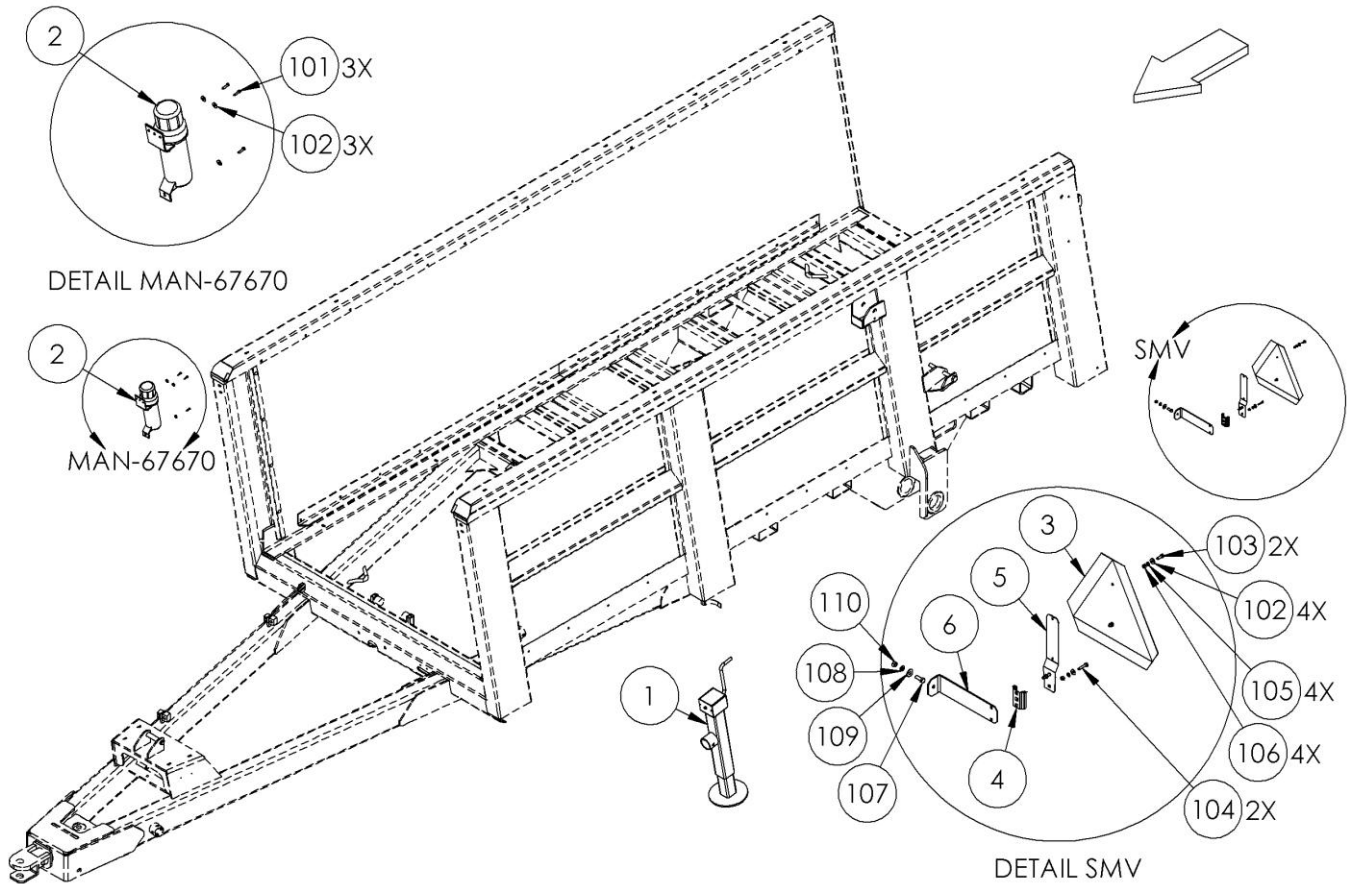


ITEM NO.	QTY	DESCRIPTION	PART NUMBER
1	1	SAFETY CHAIN, 30,400 lb CAPACITY	FRM-3165
101	1	1" X 3-1/2" G5 HH BOLT ZC	BL-16-350H
102	1	1" LN w/ NYLON INSERT	BL-16-LN
103	1	WASHER, SAFETY CHAIN	PR37152
104	1	1" FW ZC	BL-16-FW



# 7115-4-02

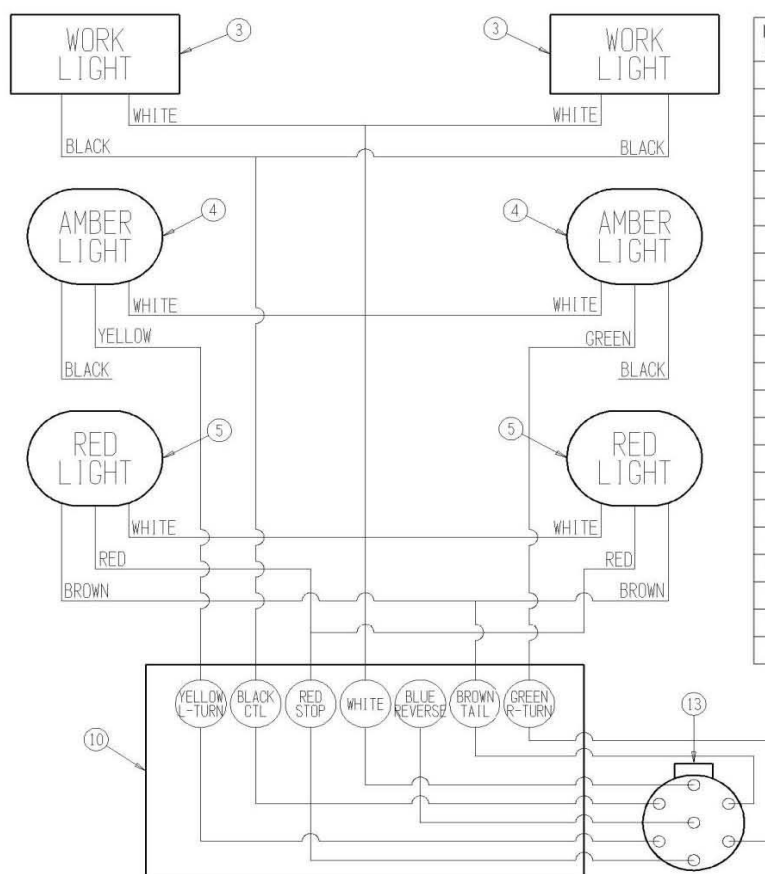
# Accessories



ITEM NO.	QTY	DESCRIPTION	PART NUMBER
1	1	JACK WELDMENT, SIDEWIND JACK, 9000 lb	WH-16216
2	1	MANUAL HOLDER	MAN-67670
3	1	SMV SIGN	SMV-PL
4	1	SOCKET, SPADE MOUNT	SMV-S
5	1	SPADE MOUNT	SMV-SM
6	1	BRACKET, SMV SIGN	PR39117
101	3	12-24 X 7/8 DRILL & TAP SCREW	BL-1224-087-DT
102	7	1/4 USS FW ZC	BL-4-FW
103	2	1/4-20 X 3/4 HH C/S BOLT G5 ZC	BL-4-075-H
104	2	1/4-20 X 1-1/4 HEX CAP G5 ZC	BL-4-125-H
105	4	1/4 SPLIT LW ZC	BL-4-LW
106	4	1/4-20 HEX FIN NUT ZC	BL-4-N
107	1	3/8-16 X 1 HHCS BOLT G5 ZC	BL-6-100-H
108	1	3/8 SPLIT LW ZC	BL-6-LW
109	1	3/8 USS FW ZC	BL-6-FW
110	1	3/8-16 HEX NUTS ZC	BL-6-N
801	1	PIN & CHAIN ASSY	WH-16402-A
802	1	WELD-ON HUB, IMPLEMENT SIDE	WH-16402-B
803	1	WELD-ON HUB, JACK SIDE	WH-16402-C

# 7115-4-03

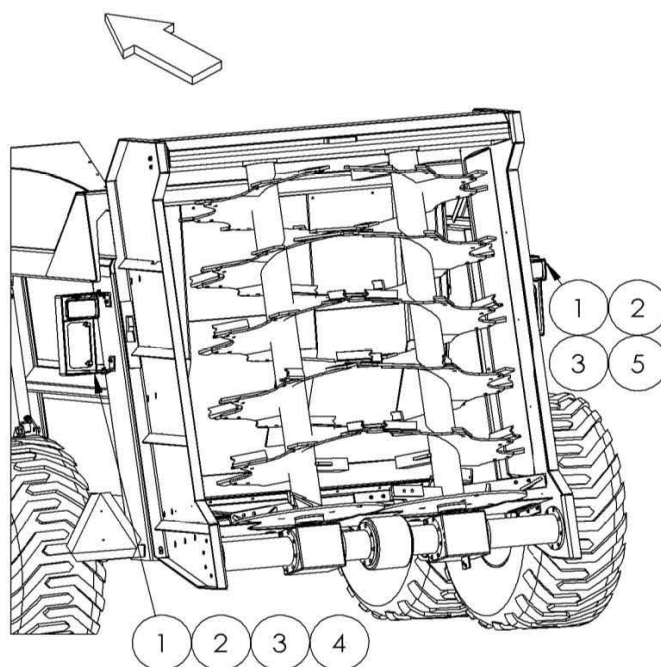
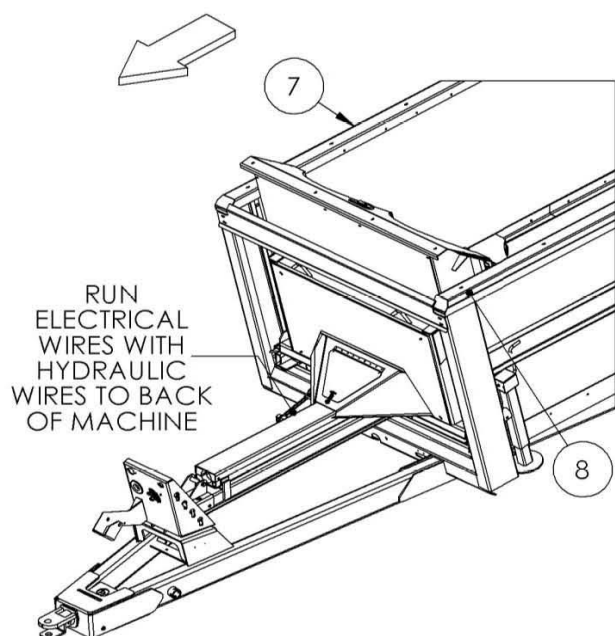
# Light Assembly, LED

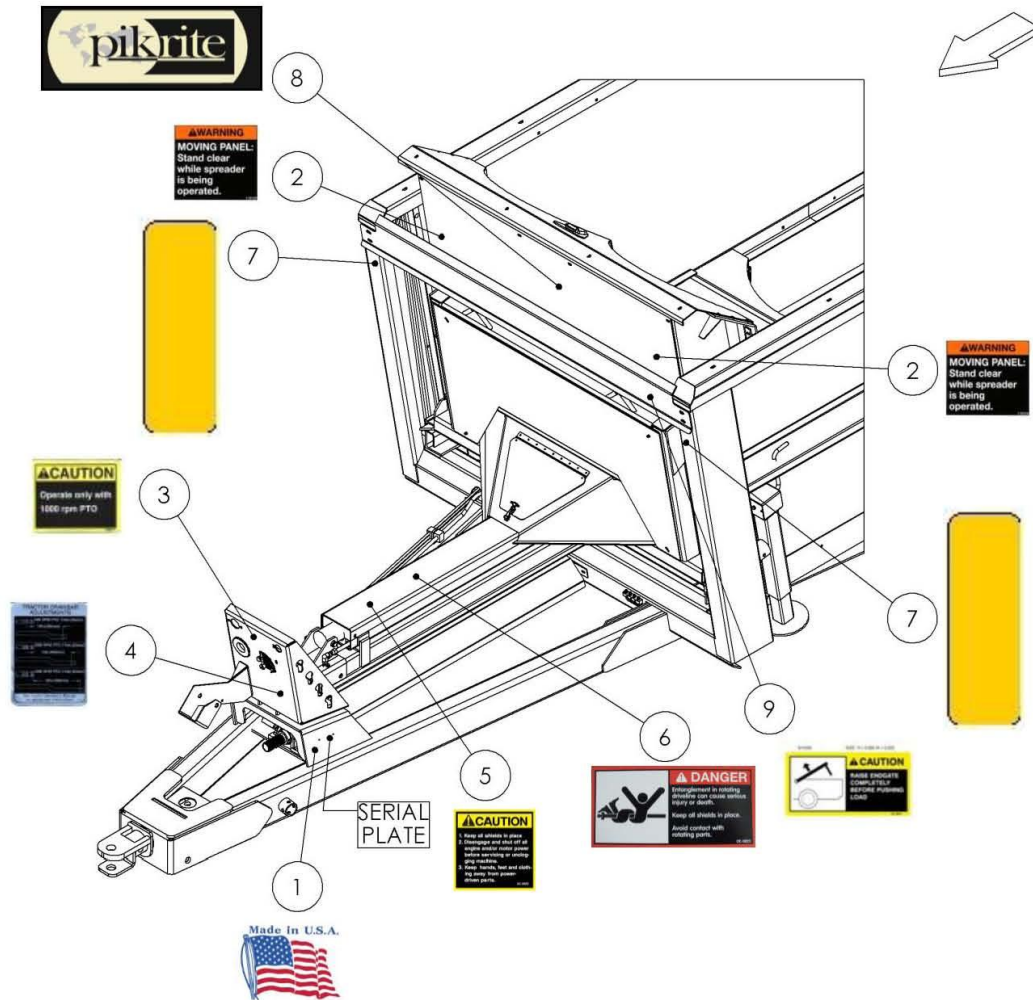


ITEM NO.	QTY	DESCRIPTION	PART NUMBER
1	2	LIGHT BRACKET	PR63004
2	4	MOUNT, LIGHT BRKT	PR70130
3	2	AUX. WORK LIGHT	EL-1233
4	1	LED LIGHT, LH	EL-1501
5	1	LED LIGHT, RH	EL-1502
6	1	4-PIN CONN., LH	EL-1503
7	1	4-PIN CONN., RH	EL-1504
8	1	HARNESS, RH	EL-40602-342
9	1	HARNESS, LH	EL-40603-426
10	2	HARNESS, WORK LT	EL-40604-13
11	1	JUNCTION BOX	ELE-15-964
12	1	7 CONDUCTOR, 55" L HARNESS	EL-50781-55
13	2	GROMMET	EL-0038
14	1	12 GA. 7 CONDUCTOR, 12' L SPIRAL CORD	ELC-127-144
15	1	TRAILER CONNECTOR HD SOCKET	ELT-37674
16	1	BOOT, TC HD SOCKET	EL-37679
100	16	3/8 USS FW ZC	BL-6-FW
101	8	3/8 SPLIT LW ZC	BL-6-LW
102	4	3/8 UNC FIN H LN NE A563 GRA ZC	BL-6-LN
103	12	3/8-16 X 1-1/4 HHCS G5 ZC	BL-6-125-H
104	8	1/4-20 HEX LN NE ZC	BL-4-LN
105	8	1/4 UNC X 1-1/2 CARRIAGE BOLT G5 ZC	BL-4-150-C

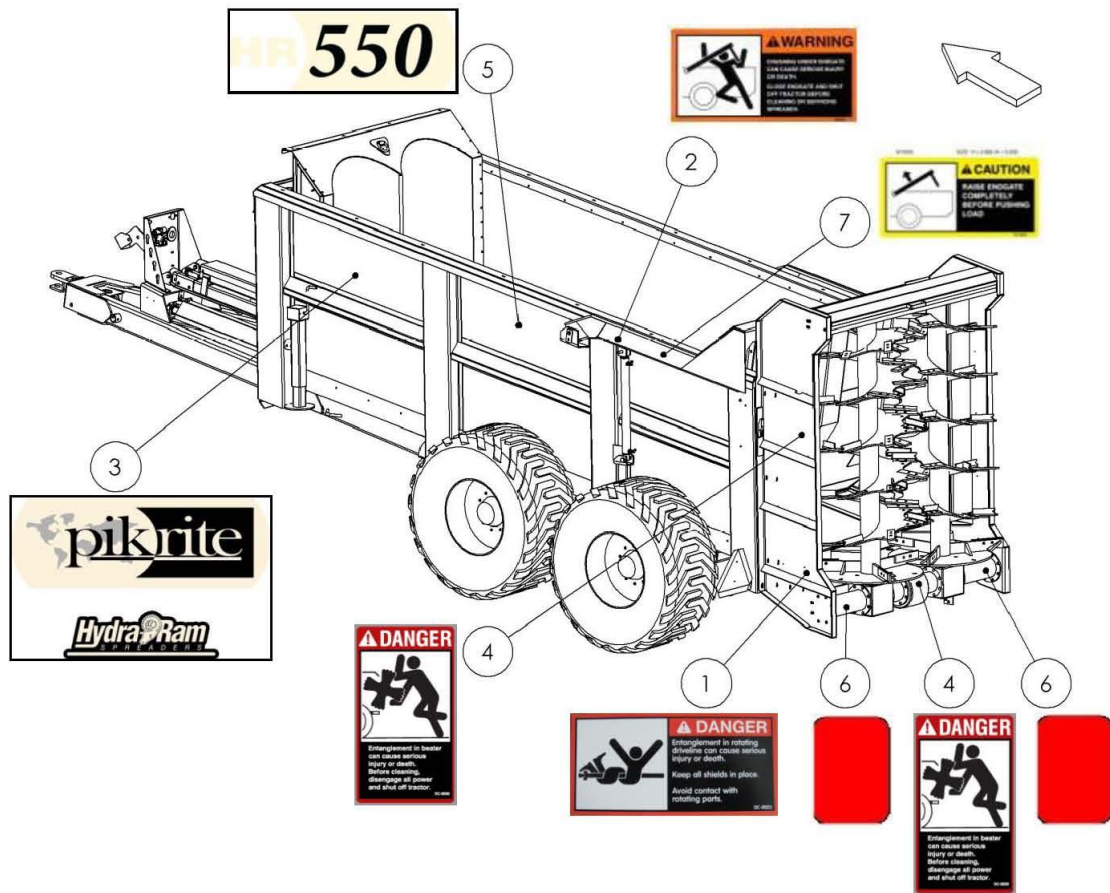
## TYPICAL TRACTOR PLUG (LOOKING AT PLUG):

12 O'CLOCK - WHITE - GROUND  
 10 O'CLOCK - BLACK - FIELD LIGHTS  
 8 O'CLOCK - YELLOW - LEFT TURN  
 6 O'CLOCK - RED - KEYED AUXILIARY  
 4 O'CLOCK - GREEN - RIGHT TURN  
 2 O'CLOCK - BROWN - TAIL LAMP  
 CENTER - BLUE - KEYED AUXILIARY





ITEM NO.	QTY	DESCRIPTION	PART NUMBER
1	1	DECAL, MADE IN USA	DC-0011
2	2	DECAL, WARNING, MOVING PANEL	DC-0020
3	1	DECAL, CAUTION, 1000 rpm	DC-0021
4	1	DECAL, TRACTOR DRAWBAR	DC-0022
5	1	DECAL, CAUTION, SHIELDS	DC-0023
6	1	DECAL, DANGER, ENTANGLEMENT	DC-0025
7	2	DECAL, YELLOW REFLECTOR	EL-1226
8	1	DECAL, PIK RITE LOGO	DC-0097
9	1	DECAL, CAUTION, ENDGATE	DC-0038



ITEM NO.	QTY	DESCRIPTION	PART NUMBER
1	1	DECAL, DANGER, ENTANGLEMENT	DC-0025
2	2	DECAL, WARNING, ENDGATE	DC-0026
3	2	DECAL, PIK RITE LOGO	DC-0107
4	3	DECAL, DANGER, BEATER	DC-0030
5	2	DECAL, HR 550 LOGO	DC-0099
6	2	DECAL, RED REFLECTOR	EL-1227
7	1	DECAL, CAUTION, RAISE ENDGATE	DC-0038

## **NOTES**

## **NOTES**

# **WARRANTY**

Pik Rite, Inc. provides a limited warranty assuring any new Hydra-Ram 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: HR550

DEALER: \_\_\_\_\_

SERIAL NUMBER: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

PURCHASE DATE: \_\_\_\_\_

PHONE: \_\_\_\_\_

SALESMAN: \_\_\_\_\_

# Keep Page for Your Records



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

Phone: 800-326-9763  
Fax: 570-523-8175  
[www.pikrite.com](http://www.pikrite.com)

***HR 550***  
**Manure Spreader**

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

Phone: 800-326-9763  
Fax: 570-523-8175  
[www.pikrite.com](http://www.pikrite.com)

***HR 550***  
**Manure Spreader**