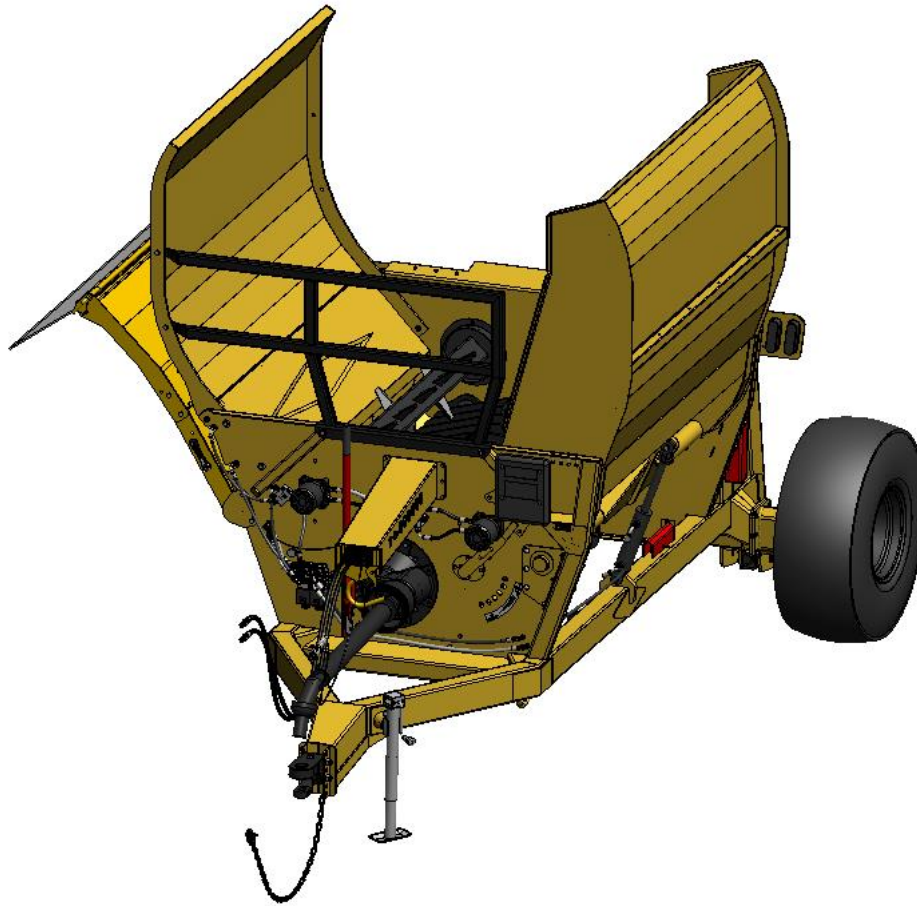




BRIDGEVIEW MFG. INC.



BALE KING 8100

Bale Processor



Operator's & Parts Manual

Last Updated: August 11, 2015

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Your Authorized Dealer
Your Serial Number

The Serial Number is located on the front tub panel, next to the operator's manual box.


	⚠ WARNING
	Failure to read and understand operator's manual & all safety signs could result in serious injury. Manual must remain with machine.



TABLE OF CONTENTS

INTRODUCTION	1
Safety Precautions.....	1
Safety Decals	2
FEATURES & OPERATION.....	5
Power Take-off	5
Hydraulics	9
Cylinder Maintenance.....	10
Implement Tongue	10
Rear Fork Tines.....	11
Wing.....	11
Hoop Grate Adjustment	12
Deflector	13
Agitators.....	16
Loading Bales	17
Optional Fine Chop Kit.....	18
Lubrication and Maintenance	19
Tire Inflation and Rating.....	21
Twine Removal.....	22
Rotor and Flail Replacement	23
Transportation	24
Features and Specifications.....	26
Optional Fine Chop Kit (Installation)	28
PARTS MANUAL.....	29
Jack & Hitch	29
Wheels & Hub.....	30
Rear Forks.....	31
Rotor & Drive Components	32
Gearbox.....	33
PTO Shaft.....	35
Twine Cutter	36
Agitators.....	37
Grates	38
Deflector & Hose Cover	39
Fine Chop Kit (Optional)	41
Wings	42
Front Components.....	44
Rear Components.....	46
Slow Moving Vehicle Sign Kit.....	47
Diverter Valve.....	48
Decals.....	49
ELECTRICAL & HYDRAULIC SCHEMATICS	50
NOTES.....	58



INTRODUCTION

Thank you for purchasing a **Bale King** bale processor. With the proper operation and service as outlined in this manual, the Bale King will provide you with years of trouble free operation.

This is a complete safety, operation and parts manual for the Bale King 8100. The manual covers in detail how to safely and effectively use your new processor. The procedures outlined in this manual should be followed to ensure safe operation and longevity of your machine. The parts manual covers all parts you may need to order in case of accident or breakdown. Please read completely through this manual before beginning operation of your new machine.

Safety Precautions

The following safety precautions MUST be followed to ensure safe operation of the Bale King Bale processor.

- **ALWAYS** turn **OFF** the tractor when leaving the operating platform.
- **DO NOT** stand in front of the discharge chute while the machine is running.
- **DO NOT** walk or move under the bale forks or wing when in the upward position, unless the cylinder safety locks are in place.
- **DO NOT** enter the machine while in operation.
- **DO NOT** clean machine while in operation.
- **DO NOT** stick any device into the machine to clear debris while the machine is in operation.
- **ALWAYS** turn off the machine when cleaning the machine, removing twine, or hooking/unhooking the machine
- **ALWAYS** use safety chain when towing the machine on the highway.
- **DO NOT** operate if any part of the **PTO safety shielding** is missing or is not secured.




Safety Decals

Power Take-off

The operator must obey all safety labels and must maintain the proper shielding. A high percentage of drive-line injuries occur when safety shielding is missing or not functioning properly.

! DANGER



ROTATING PTO DRIVELINE HAZARD

To prevent serious injury or death:

- Keep body, hair, and clothing away from rotating PTO driveline.
- Do not operate equipment unless all driveline, tractor, and equipment shields are in place and in good working order.
- Make certain the driveline shields turn freely on driveline.
- Make certain the driveline is securely attached at both ends.
- Do not exceed operating speed of 1000 rpm.
- Keep u-joint angles small and equal. Do not exceed maximum recommended length for PTO driveline.

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DANGER: Contact with a rotating drive-line can cause serious injury or death.



Discharge



DANGER: *Do not stand on the discharge side of the machine while it is in operation.*

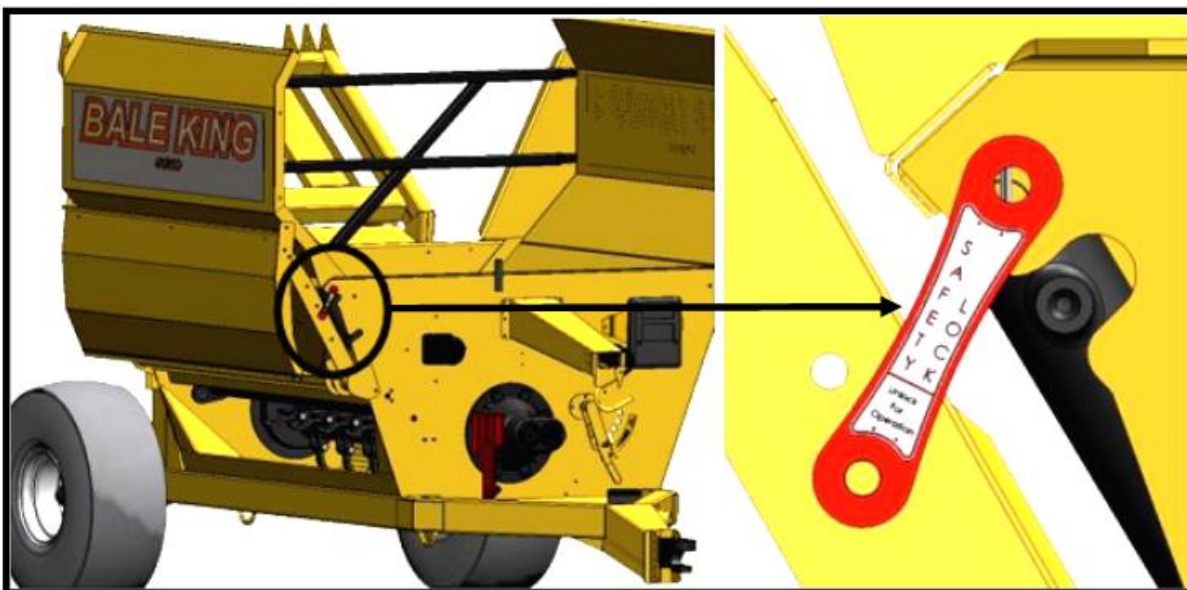


Rear Fork Lift Area



DANGER: *Stand clear of lift area. Do not stand under the forks unless safety locks are installed.*

Deflector Safety Lock: Unlock for Operation, Lock for Transport and Storage.





FEATURES & OPERATION

Power Take-off

The Bale King bale processor has a PTO shaft which is splined on both ends. The implement end uses a 1-3/4"-20 spline with wedge lock bolts. Install onto the gearbox and tighten the wedge bolts. The bolts should be torqued to **160 ft-lb** and re-torqued after 8 hrs of use.

The tractor end comes standard with a 1-3/8"-21 spline quick detach constant velocity joint. An optional 1-3/4"-20 spline yoke is available through your Bale King dealer.

The Bale King processor is designed to use a minimum of **75 HP**. The drive shaft is shear-bolt protected. The machine must be operated at **1000 PTO RPM**.

NOTE: *Spread yokes and twisted drive shafts are signs of OVERLOAD, not a manufacturer's defect and therefore not covered by warranty.*

- **DO NOT** operate the machine using a spline adaptor. Use of adaptors will **void warranty** due to damage caused to the tractor PTO, PTO driveshaft, or implement.
- **DO NOT** operate at 540 rpm, or use any kind of adaptor to connect to a 540 rpm spline.
- **Always** ensure that the PTO shaft is attached securely to the tractor. When the processor is not hooked to the tractor, store the shaft on the PTO holder.
- **DO NOT** transport the processor without securing the PTO shaft. It may bounce off the holder and be damaged.
- **Always** ensure that the drawbar is adjusted to **16"** from the end of the tractor PTO shaft to the center of the hole in the drawbar.

Operation

To engage the rotor for processing a bale, be sure the PTO shaft is properly connected to the tractor. Engage the PTO at idle. After the PTO is fully engaged, increase PTO speed until it reaches 1000 RPM.

The processor must not run at any speed less than 1000 PTO RPM as it may result in the flails springing back against the rotor after they come in contact with the bale. This "***backslap***"



may cause flails to fatigue and excessive vibration which may cause the bearings to fail. Bales may be dumped into the tub while the rotor is stopped or while it is running.

Shear Bolt

All new Bale King processors are equipped with a **shear bolt** clutch located at the implement end of the PTO shaft. The correct size shear bolt is **3/8"x2" Gr.5**. Any other size or grade will **damage** the shear assembly. Spare shear bolts are shipped with each new machine and are stored along the front top lip of the tub.

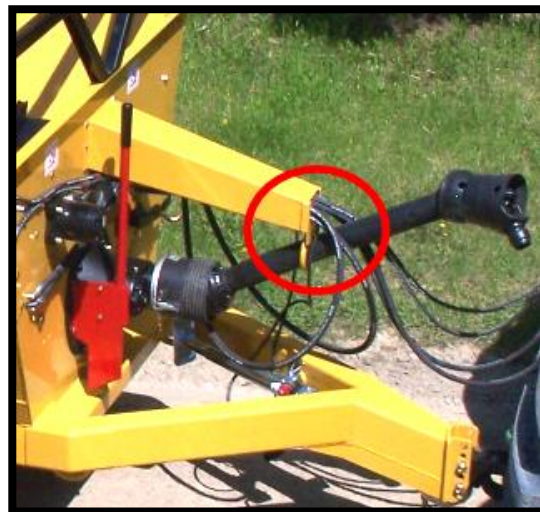
If your shear-bolt is shearing excessively you may be over-loading the machine. If this occurs raise the grate assembly to make the machine less aggressive, or roll the bale more slowly. **Always ensure that your machine is running at 1000 PTO RPM.**

NOTE: Please consult your local dealer to help pinpoint any problems.

PTO Holder

A PTO shaft holder is standard with your new Bale King, for safe storage of the PTO shaft when the processor is not in use.

When unhooking the PTO shaft from the tractor, lift the free end of the PTO shaft up and place it in the holder provided. This will keep the shaft away from the hitch when hooking the tractor to the machine and keep it clear from snow and ice.



The hydraulic hoses may need to be adjusted to best fit your tractor, to avoid damage from rubbing on the PTO shaft shield. This can be done by loosening the bolt on top of the plastic hose clamp, then pushing or pulling on the hoses to adjust the length, and retightening the bolt.

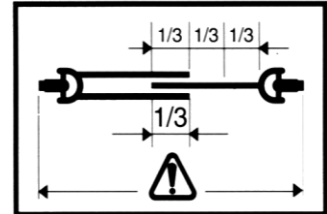


PTO Use and Maintenance

Shut **OFF** the tractor engine and remove the key before doing any maintenance on the machine. Use **ONLY** genuine **Weasler** parts when replacing any worn or damaged PTO components.

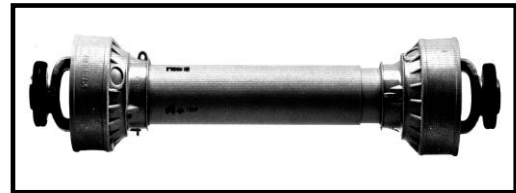
Length:

Confirm the minimum and maximum working lengths of the drive-line. The telescoping tubes must overlap at least 1/3 of their length when in use. The PTO is designed to be used with a drawbar length of 16" from the end of the PTO shaft. Adjust your tractor accordingly.



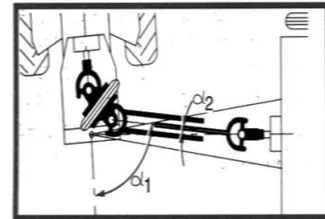
Shielding:

Be sure that the shielding is not damaged and rotates freely on the drive shaft.



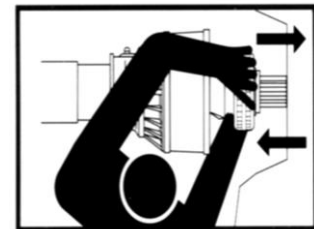
Working Angles:

Constant Velocity joints can operate up to 80 degrees for short periods of time. Do not operate for long periods on sharp angles.



Attachment:

Be sure the drive-line is properly attached and all bolts and screws are tight on the implement input shaft and on the tractor PTO shaft.

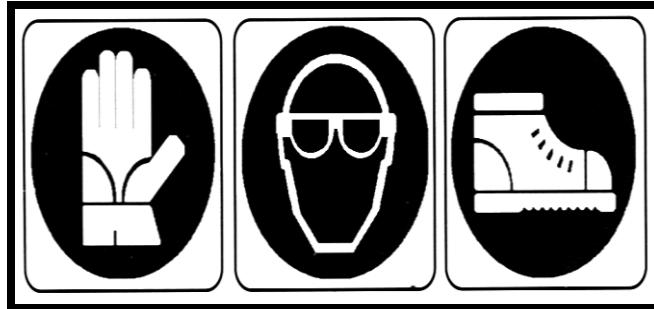


Storage:

When not in use, cover or protect the drive shaft from the weather. When removed from the machine store both halves together to prevent damage. Check all components for proper function and lubrication before use.



**BEFORE ATTEMPTING ANY REPAIR PROCEDURES,
ALWAYS USE APPROPRIATE EQUIPMENT SUCH AS
SAFETY GLASSES, SAFETY SHOES, AND GLOVES**



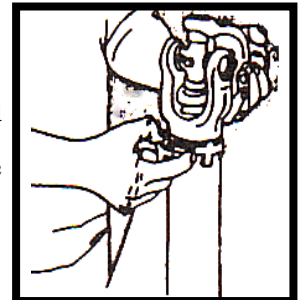
Shield Removal:

- To remove the shield, pop out the red snap, then rotate the guard on the bearing to line up the three tabs with the openings and pull it off away from the knuckle joint.
- Remove the nylon bearing from the shaft by spreading it open.



Shield Assembly:

- Be sure to lubricate the groove in the inner yokes where the shield bearing rides. Reinstall shields in the reverse order that they were removed.

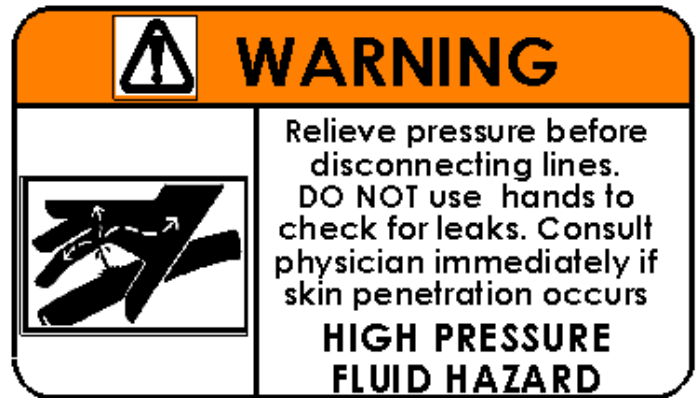




Hydraulics

WARNING: *Pressurized hydraulic fluid can cause serious injury.*

- When working with hydraulic equipment, eye and hand protection should be worn.
- Do not test for leaks with bare hands.
- Relieve any pressure before removing a hose or fitting.
- Never work under components raised by hydraulic equipment unless supported externally.



Two diverter valves are installed on the BK 8100 to allow the machine to operate using only two sets of hydraulic hoses. The function of the remote is then determined by the control box switch. Each hose that connects to the tractor has a colored marker to identify its function. They should be connected at best convenience for the tractor's controls.

Hose Marker	Hose Function
Long Red	Turns agitators clockwise
Short Red	Turns agitators counter clockwise
Long Blue	Lifts rear fork, wing or deflector
Short Blue	Lowers rear fork, wing or deflector

Always set the tractor's hydraulic flow at a lower rate and adjust it upward until the desired speed is reached. Excessive oil flow may damage the flow divider cartridge



Cylinder Maintenance

The hydraulic cylinders are easily removed for repair or maintenance simply by:

- Lowering the fork (or deflector) to the down position and unhooking the hydraulic lines. Be sure there is no pressure on the lines and mark the line locations so there is no confusion when reinstalling the cylinders. Check hydraulic schematics.
- Removing the cotter pin closest to the frame of the machine and sliding the cylinder pins out
- To reinstall, reverse the removal procedure



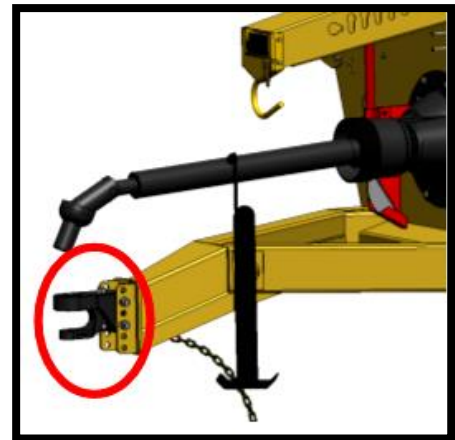
NOTE: *Always cover exposed cylinder shafts with grease to avoid rusting of shafts if the unit is not used for extended periods of time. Rusted cylinder shafts are NOT covered by warranty*

NOTE: *Check all hoses and fittings periodically for leaks. Tighten or replace any dripping components or any worn out hoses.*

Implement Tongue

The new adjustable hitch on the Bale King features a cast single tongue with hammer strap insert. This allows for use with tractors equipped with a hammer strap or with a single drawbar. It also allows the machine to move independently over rough terrain without bending the draw pin.

- Make sure that the drawbar is set to **16 inches** behind the PTO shaft for proper PTO length.
- Adjust the hitch height to match the drawbar height and allow the machine to sit level.
- DO NOT install the insert if using a tractor with a hammer strap as this will bend the hitch pin



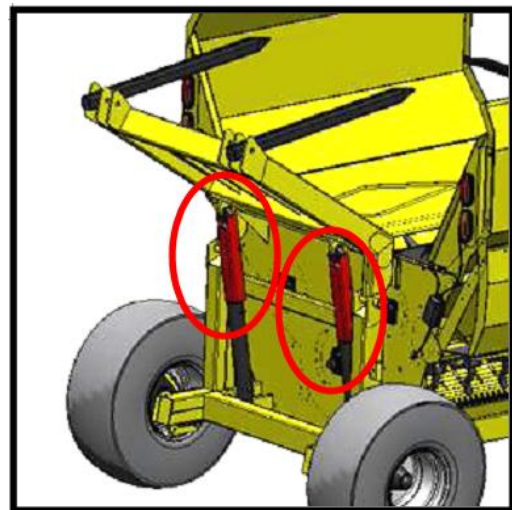
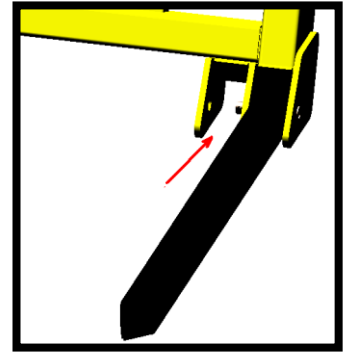
NOTE: Make sure that the jack in on the outside stub for lifting, and the inside stub during transport. DO NOT lift the machine with the jack on the inside stub.



Rear Fork Tines

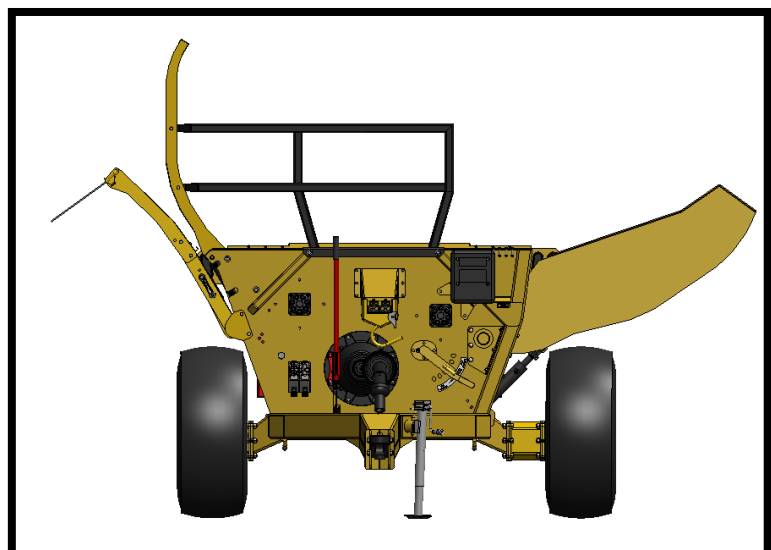
The rear fork bale tines can be adjusted side to side by removing the pin connecting the tine to the machine and replacing the tine in the other available gap.

For transport and safety when working under the forks, install the red safety locks onto the lift cylinder, and fasten in place using the supplied pin.



Wing

The BK 8100 features a pivoting wing on the left side of the machine to allow for easier loading and processing of square bales. The wing is lowered completely to load the bale, and can then be operated to manipulate the bale as required to cut the twines and process the bale. The wing also needs to be lowered slightly to load a round bale into the tub. The wing should be raised completely, with the cylinder safety lock installed, for transport or any service work.

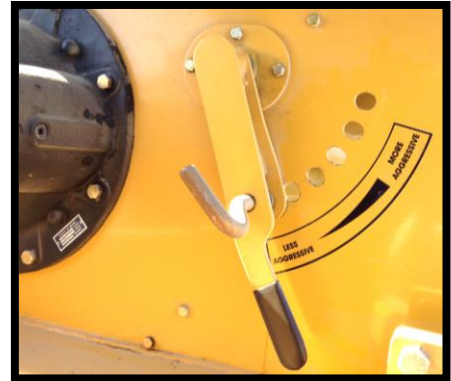




Hoop Grate Adjustment

There are six adjustment settings for the hoop grate on the bale processor. These settings determine the rate of feed of the bale you are processing and the how fine the cut will be. **Move the handle “UP” for a more aggressive cut.**

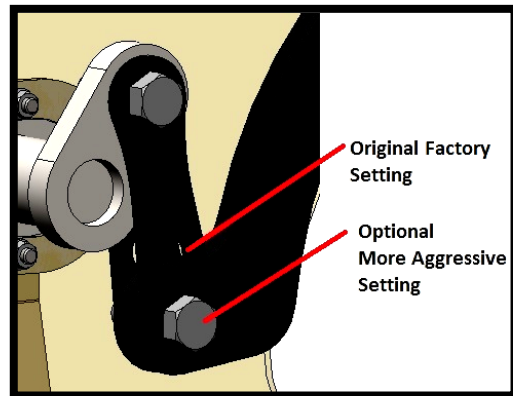
- **Position #1:** Highest grate setting for finest cut and slowest rate of feed. Used for tough processing feeds such as silage bales and some types of hay.
- **Position #2 - #5:** Normal operating range. Machine gets more aggressive as grate is lowered (handle moves “up”).
- **Position #6:** Lowest grate position, most aggressive fastest rate of feed.



The Bale King should be adjusted according to various bale conditions to achieve a rate of feed of approximately **1.5 to 2 minutes**. Light brittle material such as wheat straw may allow faster processing while tough stringy material such as slough hay, green feed, or flax will require slower processing. Hoop grate adjustment should be checked periodically.

NOTE: Processing a bale too rapidly may cause unnecessary machine deterioration.

For cases where a faster feed rate is desired, there is a second setting on the shackle connection between the hoop and handle (inside the front tub wall). To switch to a more aggressive setting, remove the bottom 3/4" bolt and nut, and reposition the bolt and bushing to the lower hole. Support the hoops externally to prevent injury.

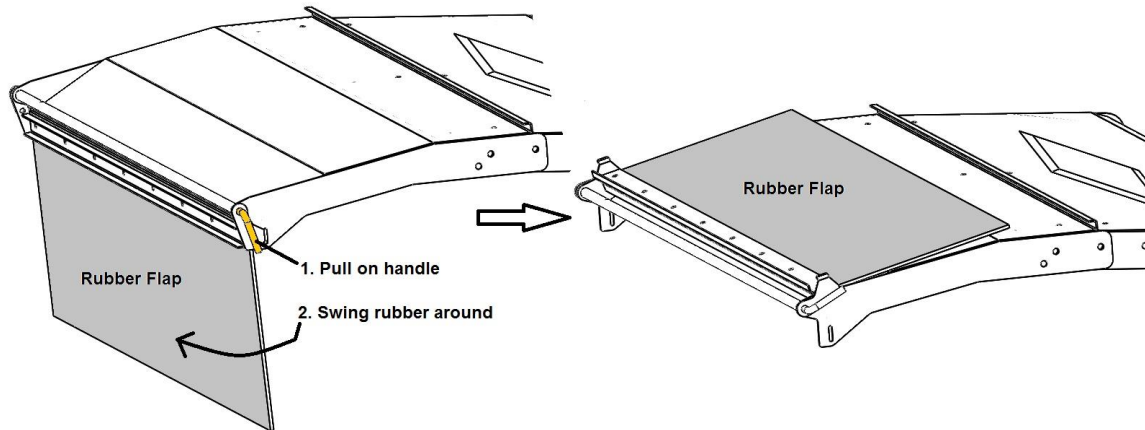


NOTE: Upper grate position should be approximately 1/4” flail recession. Lower grate position should allow 1-1/2” flail protrusion. Contact your Bale King dealer if this cannot be achieved.



Deflector

The Bale King 8100 is equipped with a hydraulic side deflector to change the discharge distance and distribution. It also comes with a flipping rubber flap for superior control of the spread pattern.



Moving the deflector to the **down** position and flipping the rubber down (above left) will allow the hay to be laid in a windrow, or bunk feeder. Swinging the deflector **up** will allow you to spread straw out over a large area. If you also flip the rubber up (above right), you will be able to "fine tune" the discharge, to control the height and distance.

To flip the rubber, simply pull on the handle and swing into position. Then push the handle so that the tabs catch in the notches and lock into place.

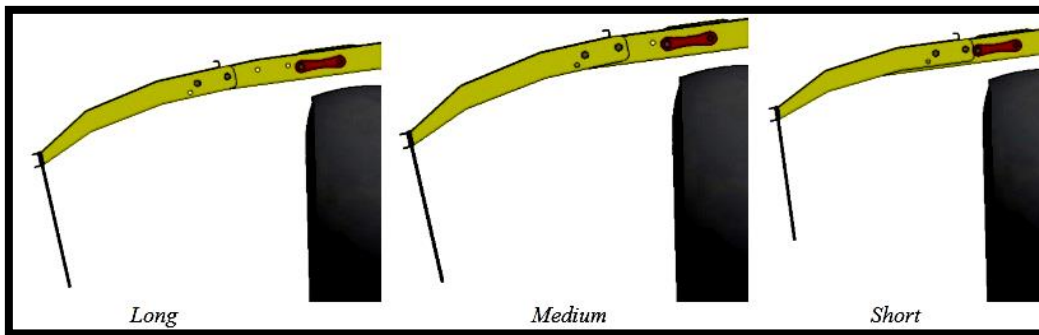


The Bale King 8100 deflector comes with the additional feature of adjustable width:

- First move the deflector to its lowest position.
- Remove the seven bolts (2 front, 3 top, 2 rear) connecting the inner and outer deflector pieces.
- Slide the outer deflector to the desired width and replace the bolts.

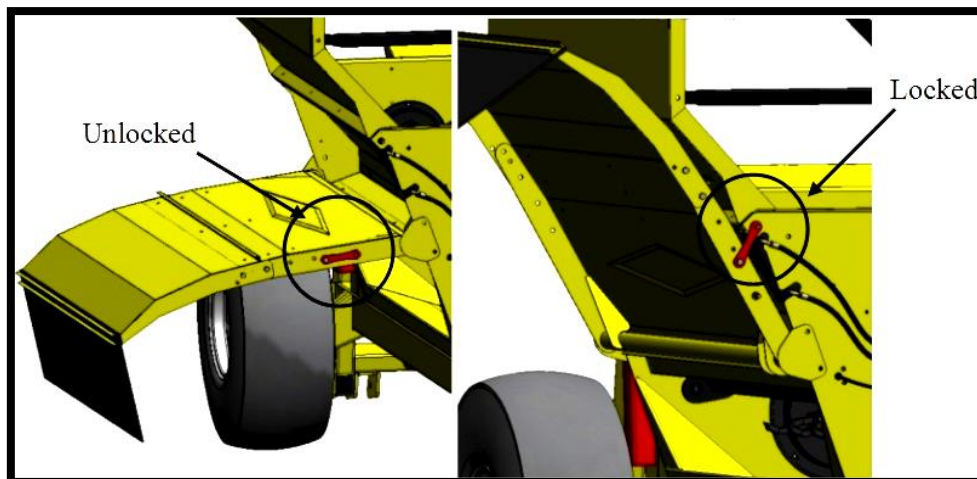
There are three different deflector length settings to accommodate your desired width:

	Bunk Feeding Width (Distance from Tire)	Transport Width Total (RHS, LHS)
Folded	N/A	8'-11" (4'-3", 4'-8")
Short	28 Inches	9'-9" (5'-1", 4'-8")
Medium	32 Inches	10'-1" (5'-5", 4'-8")
Long	35 Inches	10'-3" (5'-7", 4'-8")



NOTE: Use only the medium and short settings unless required due to tractor width.

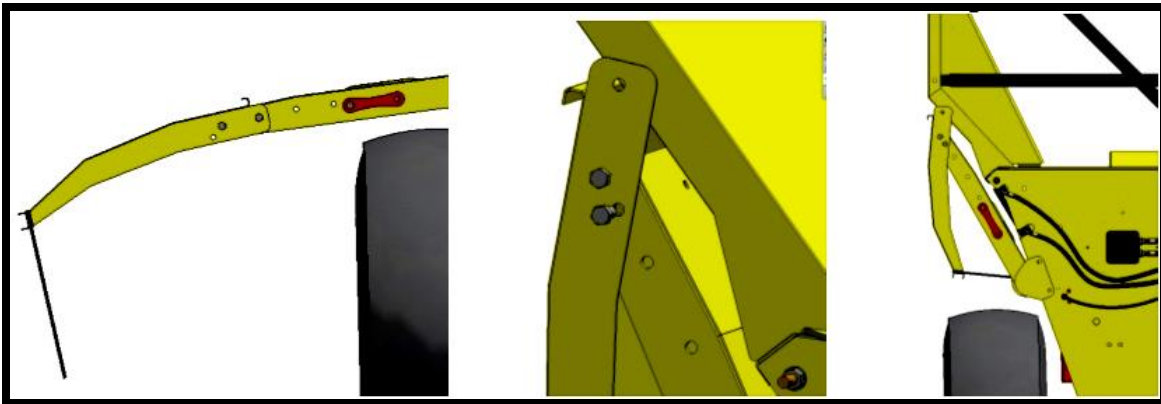
For transport and storage, the deflector lock should be put in place by swinging the lock as shown and fastening with a lynch pin.





The deflector also has the ability to fold for more compact long term storage or long distance transport.

- Move the deflector to its lowest position
- Remove the seven bolts (2 front, 3 top, 2 rear) connecting the inner deflector and outer deflector
- Move the outer deflector to the widest setting and replace the bolts on the front and back of the deflector as shown (do not tighten yet, do not replace top bolts)
- Raise the deflector to its highest position with the hydraulics. Remove the bolts closest to the machine center (both front and back) and swing the outer deflector down.



Be sure that the outer deflector fits nicely outside the tub walls. Some fine tuning may be required. Replace the bolts on the front and back in the available holes as shown. The deflector should now fit inside the width of the wings.



Agitators

The Bale King is equipped with a flow divider/combiner and two hydraulic motors for turning the bale.

Once the main rotor is turning at full speed the bale can be turned in either direction to begin processing. It may be necessary to change direction of the bale when loose debris builds on either side of the bale chamber. This will remove the loose



debris preventing spillage from the machine. This is especially true when processing soft core bales. By reversing direction regularly, soft core bales will process more evenly.

If the tractor has a flow control, adjust the oil flow so that the agitators run at a low rate. Adjust the flow as needed to find the best speed to process a bale (approximately 30 rpm). Turning bales too fast can result in rotor overloading resulting in flail “backslap” which in turn causes flail and bushing damage. High agitator speed may also cause damage to the hydraulic motors and excessive twine and material buildup on the agitators.



Loading Bales

The Bale King 8100 is designed to process both round and square bales. The same procedure is to be followed for loading either type of bale.



- Position the tractor and the Bale King so as to be lined up to back straight into the row of bales. To avoid having large square bales hit the tub wall, load the bale slightly towards the wing side.
- When close to the bale, lower the forks and wing completely (you will feel a light vibration as the forks bottom out against the frame.)
- Back completely under the first bale.
- Allow the tractor to move forward while lifting the bale, because the bale fork moves away from the machine while loading.
- If you are loading from the same row you can dump the bale into the machine and back straight into the second bale. If you are going to a different stack for the second bale only raise the first bale enough to clear the ground. Move to the next row and align the machine to the bale before dumping the bale into the tub. This gives you good visibility to line up to the second bale.
- Once you have the first bale in the tub and the second bale on the forks, raise the wing completely, and the bale fork about 1/4 of the way up. You can now transport to your feeding or bedding area to begin processing.

Note: Carry the bale as low as possible to lessen the stress on the cylinder shafts. Carrying the bale too high may bend hydraulic cylinder shafts.

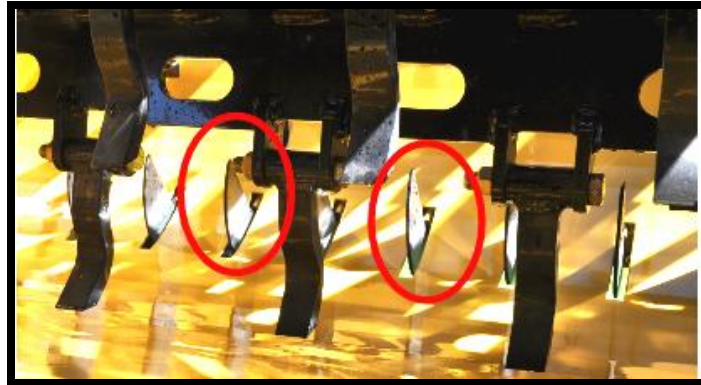
- When the first bale has been processed, it is common practice to leave the rotor running at full speed when loading the second bale into the bale chamber from the rear forks.



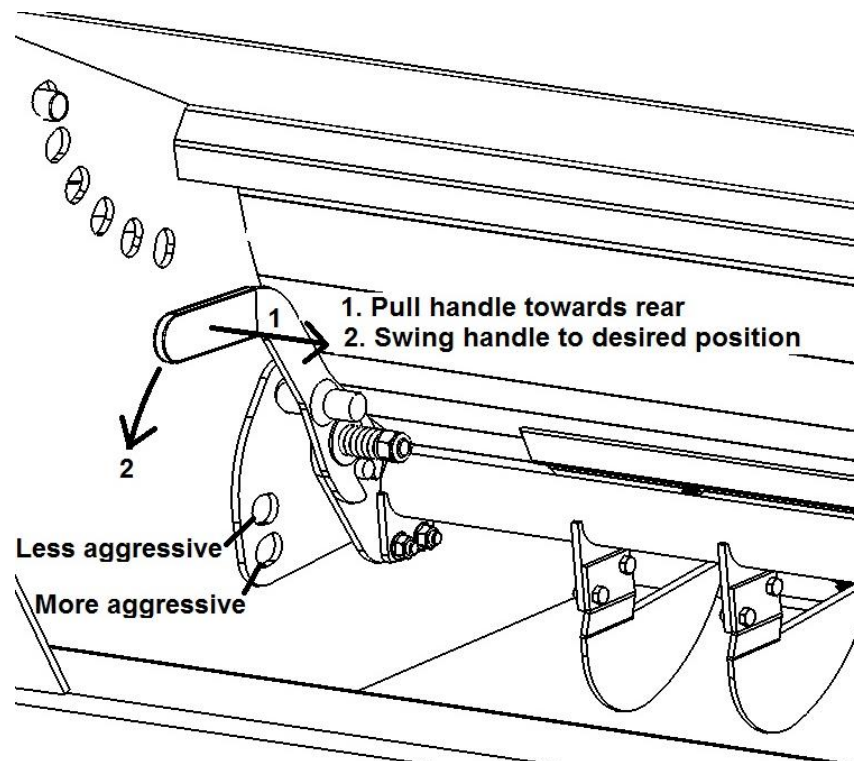
Optional Fine Chop Kit

The Bale King 8100 processor has an optional fine chop knife kit available to be installed in the lower tub area. This option is available if you require a finer cut on the material which you are processing such as slough hay and silage bales.

It is recommended that the knives be lowered when bedding straw as it will affect your spread pattern. Adjust the machine as needed.



There are two settings for the fine chop, depending on how fine you wish to cut the material. These settings are achieved by pulling the handle towards the back of the machine, then selecting the desired hole.

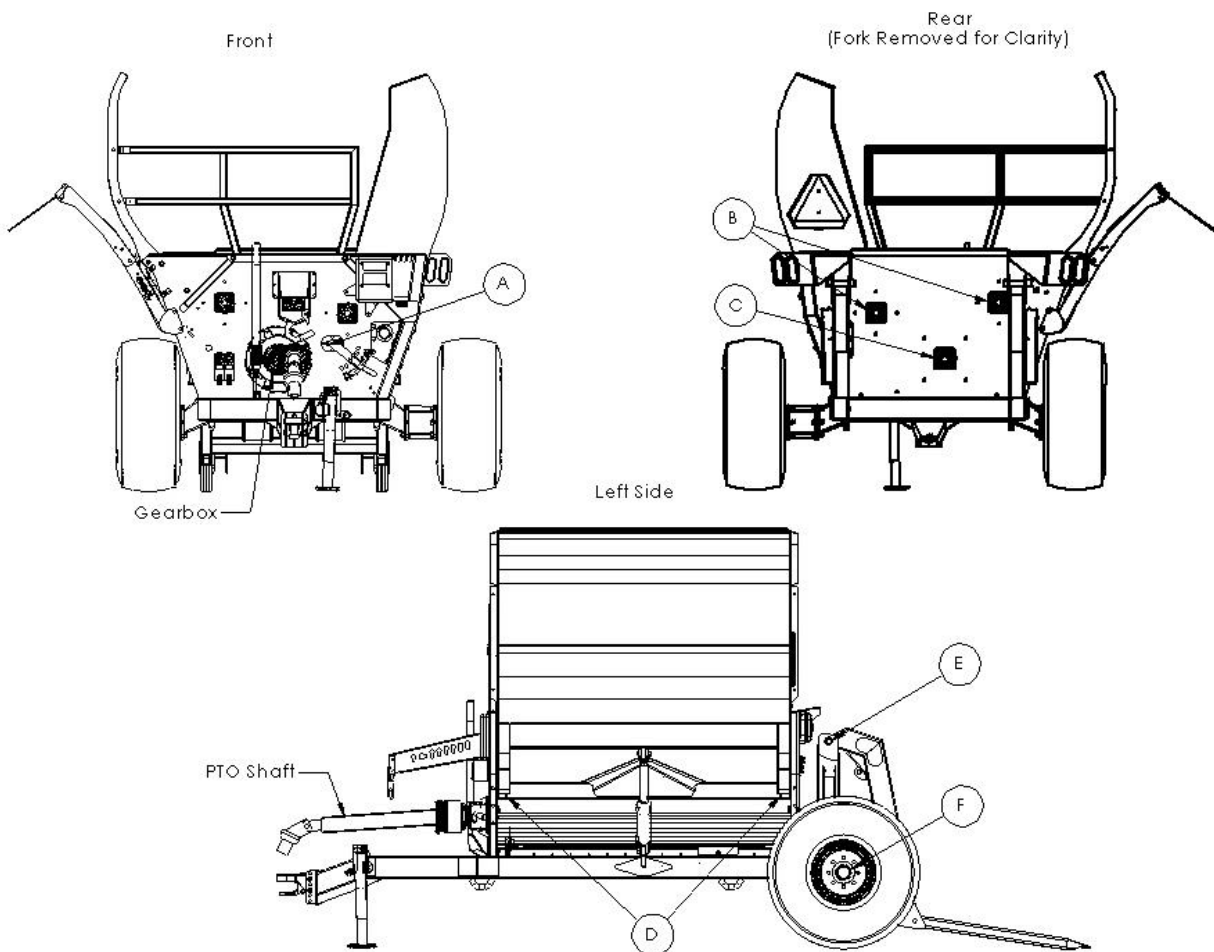




Lubrication and Maintenance

Lubricating the Bale King bale processor should be done on a regular basis.

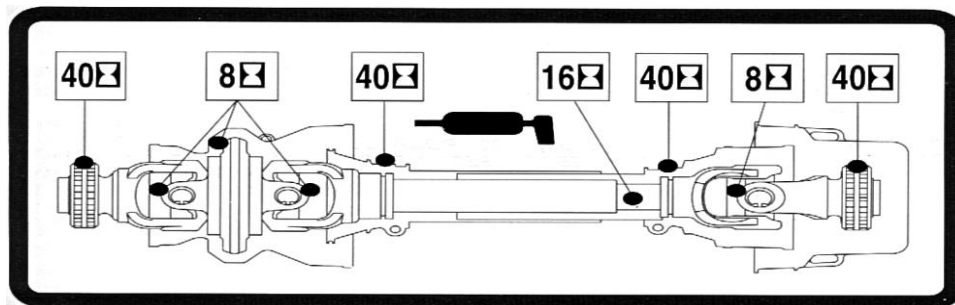
	Location	Timeline
A	Hoop Handle	150 Bales or 8 hours (whichever comes first)
B	Agitator Bearings (x 2)	
C	Rotor Bearing	
D	Wing Pivot (x 2)	
E	Rear Fork Pivot (x 2)	
F	Wheel Hubs (x 2)	Seasonally or 300 hours





PTO/Driveline

Frequent lubrication is required. Grease the driveline parts as required on the chart.



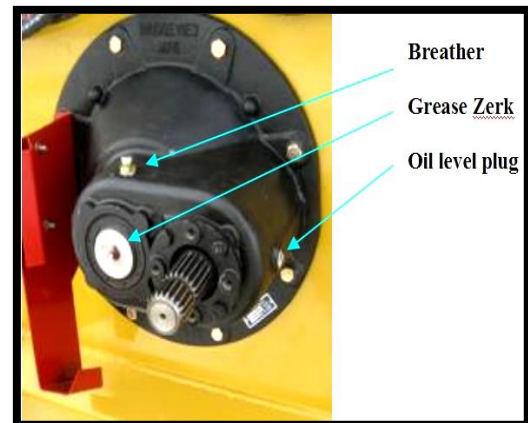
After storage for long periods of time, lubricate and check the function of every driveline component before operating.

Failure to grease all the joints will **VOID** warranty.

Gearbox

There is one grease zerk on the front of the gear box. Apply 3-5 pumps of good quality grease every 8 hours or 150 bales, whichever comes first.

If the gearbox is removed to replace the rotor or perform any other service, add **80 pumps** of grease to the grease zerk upon reinstallation.



The gear box requires GL5 80W90 gear oil. The oil should be filled to the level plug and checked on a regular basis.

Oil change interval

- 25 hours after first use
- 50 hours after first use
- Every 300 hours or annually (whichever comes first)



Tire Inflation and Rating

Wheel bearings should annually be lubricated and inspected for adjustment. Inspect more often for extensive traveling.

- To tighten the wheel bearings, lift up each wheel (one at a time) until the wheel spins freely.
- Remove dust cap and the cotter pin which retains the castle nut.
- Tighten the nut until the wheel will rotate approximately two turns when given a firm spin.
- Align castle nut to closest hole and insert the cotter pin.
- Pack hub full of grease and reinstall the dust cap.

Proper tire inflation will help to alleviate puncture problems when towing and operating on rough terrain.

Check for proper tire inflation	24 psi
Replace any damaged or worn tires	16Lx16.1 6-ply
Check and tighten wheel bolts on a regular basis	125 ft.lb

Note: *When inflating tires, use a clip-on chuck and extension hose long enough to allow you to stand to one side and NOT in front of or over the tire assembly.*

Note: Warranty does not cover damaged rims and hubs due to loose wheel bolts or flat tires. Tire warranty is covered by the tire manufacturer.

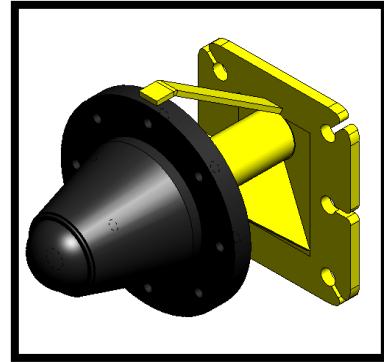




Twine Removal

Twine guards are installed on the machine to keep bale twines out of important areas such as bearings.

- The wheel hubs have a twine guard to keep anything from getting tangled in the wheel bearing. Check for and remove any twine which may have wrapped around the spindle.
- The main rotor and the agitators are equipped with removable twine guards. The guards are mounted to the front and rear walls of the machine. The twine guards are bolted and need to be removed if you need to remove or tighten the bolts on the bearings or the hydraulic motors.
- Remove any twine which may have wrapped around the agitators.



WARNING: Before attempting the removal of twine from the rotor, be sure that the machine is stopped and the tractor is shut **OFF**. Place the tractor in park. Twines can be removed with the use of the supplied knife, or any other knife.



An electric device is available from suppliers to melt the twine and allow it to be pulled off. Once melted, the twine should be removed immediately to prevent damage to the rotor. It is **NOT PERMITTED** to leave the twine burning on the rotor as this has several adverse effects:

- It may take the temper out of the steel, rendering it weaker.
- Loose straw and hay remaining in the machine may ignite causing a fire in the processor.
- Excessive buildup of melted plastic.
- Dry out bushings causing them to wear prematurely.

NOTE: *Bridgeview Manufacturing Inc. VOIDS warranty for any damage caused by twine burning in the processor.*

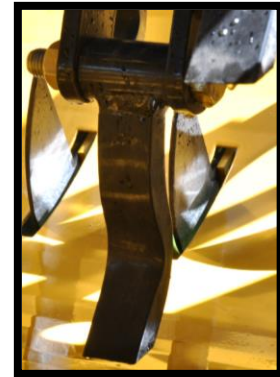


Rotor and Flail Replacement

When reinstalling the rotor, follow the removal procedure in reverse. Once the rotor is in place, install the bearing with the grease zerk towards the **discharge side**, and the gearbox with the breather **UP**. Apply **Loc-Tite** on the bearing bolts and torque to **110 ft-lb**. Check that the gearbox oil level is up to the bottom of the side plug, and add **80 pumps** of grease to the zerk on the front of the gearbox. Tighten the lock collar in the **direction of rotation** and ensure that there is **1/2" to 5/8"** clearance between the flails and the bottom of the tub.

Flail replacement is accomplished by removing the 3/4"x 4-3/4" bolt holding the flail to the rotor. The flail is then lifted away from the rotor. The bushing can now be removed by using slight pressure to push it out of the flail. Inspect the bolt, bushing, and the flail for wear. If wear is excessive, replace with new parts.

Bridgeview Manufacturing Inc. recommends when changing flails to change in **PAIRS** (opposite each other). Processing bales with broken flails causes the rotor to be out of balance and excessive vibration may cause machine deterioration.

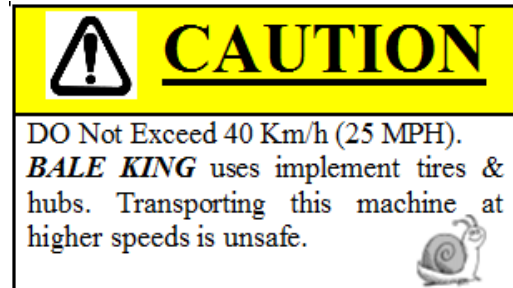




Transportation

The Bale King 8100 can be safely towed on public roads, provided the following precautions are met:

- Tow vehicle must be rated for at least 4700 lb gross weight, and 1600 lb tongue weight.
- NEVER exceed 40 km/h (25 mph).
- ALWAYS ensure that the safety chain is properly installed
- Tow vehicle must have a 7 pin round trailer plug
- Plug in lights and check for proper function (flashing amber lights, solid red lights)
- Ensure that the supplied SMV (Slow Moving Vehicle) sign is clearly visible from the rear
- Lift the forks and wing completely and install the safety locks
- If possible, the deflector should be in the folded position
- Ensure that the deflector safety lock is installed
- Ensure that the PTO and hydraulic hoses are properly secured



NOTE: *With the deflector raised up and folded, and the left side axle extension removed, the width of the processor is 8'6". To maintain stability, never operate the processor without the axle extension installed. Check with local authorities regarding transport on public roads. Follow all applicable laws and regulations.*



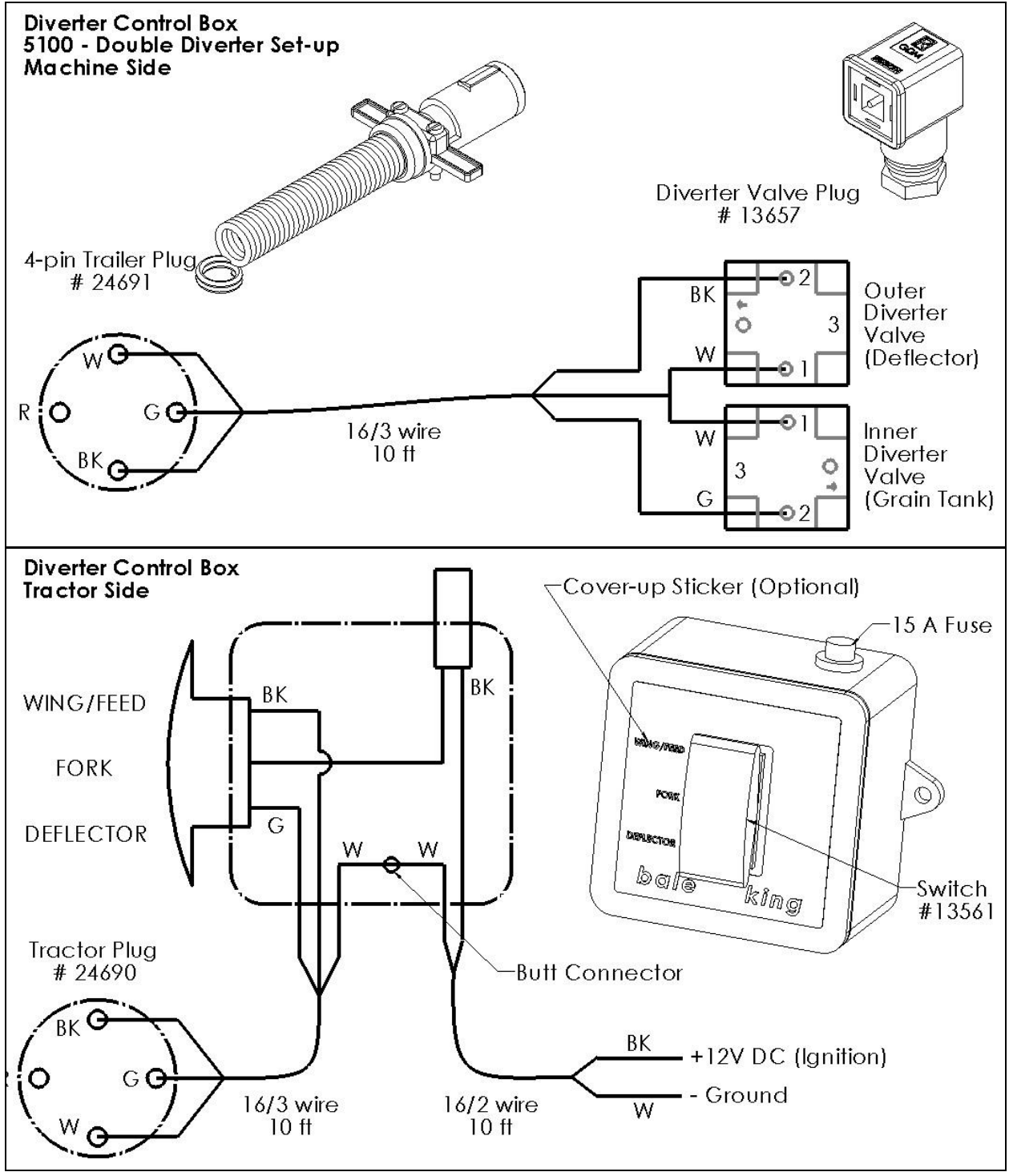
Troubleshooting Guide

Problem	Possible Cause	Remedy
Excessive main shear bolt breakage	Engaging PTO at high engine speed or too quickly	<ul style="list-style-type: none"> • Idle tractor to engage PTO then bring up to full operating speed • Feather PTO lever into position
	Excessive twine wrapped on rotor causing flail movement to be restricted	<ul style="list-style-type: none"> • Cut twine off rotor
	Broken flails causing rotor to be out of balance	<ul style="list-style-type: none"> • Replace broken flails (in pairs opposite each other)
	Overloading rotor	<ul style="list-style-type: none"> • Set hoops to less aggressive position • Slow rotation of bale • Change direction of bale rotation
	Incorrect shear bolt used	<ul style="list-style-type: none"> • Use correct shear bolt
	Operating machine at less than 1000 PTO RPM	<ul style="list-style-type: none"> • Operate machine at rated 1000 PTO RPM
Excessive vibration while processing bales	Excessive twine wrapped on rotor causing flail movement to be restricted	<ul style="list-style-type: none"> • Cut twine off rotor
	Broken flails causing rotor to be out of balance	<ul style="list-style-type: none"> • Replace broken flails (in pairs opposite each other)
	Overloading rotor	<ul style="list-style-type: none"> • Set hoops to less aggressive position • Slow rotation of bale • Change direction of bale rotation
	Operating machine at less than 1000 PTO RPM	<ul style="list-style-type: none"> • Operate machine at rated 1000 PTO RPM
	Rotor bearing failure	<ul style="list-style-type: none"> • Replace failed parts
Agitators stopping	Excessive loose material in tub causing agitator to jam	<ul style="list-style-type: none"> • Reverse direction of bale rotation • Turn bale more slowly
	Tractor relief pressure set too low	<ul style="list-style-type: none"> • Set tractor relief pressure to at least 2500 PSI
A single agitator stopping	Mechanical flow divider valve not functioning correctly	<ul style="list-style-type: none"> • Contact your dealer for repairs
	Coupler between motor and agitator broken	<ul style="list-style-type: none"> • Replace failed parts



Features and Specifications

Dimensions:	
Overall Weight	4700 lb
Drawbar Weight	1550 lb
Overall Height	114"
Overall Length (Forks Up)	187"
Overall Length (Forks Down)	217"
Overall Width (Deflector Folded, Wing Up)	107"
Overall Width (Deflector Up, Wing Up)	117"
Overall Width (Deflector Down, Wing Up)	140"
Overall Width (Deflector Up, Wing Down)	156"
Overall Width (Deflector Down, Wing Down)	174"
Tread Width (on centers)	78"
Tub Opening	80" x 91"
Rotor Extended Tip Diameter	27"
Discharge Opening	12" x 80"
Heavy Duty Reinforced Frame and Axle Assembly:	
Main Frame	4" x 6" Tubing
Frame Width	52"
5000 lb Jack	Mounted on Frame
Heavy Duty Bale Fork Frame	3" x 6" Tubing
Adjustable Bale Fork Width (on centers)	48", 44.25" or 40.5"
Adjustable Hitch Height	4 settings at 1.5" intervals
Spring Lock Lever on Grate and Fine Chop Adjusters	
Dual Hydraulic Lift Cylinders	3" x 18" x 1.5" Rod
Single Hydraulic Deflector Cylinder	1.5" x 6" x .75" Rod
Single Hydraulic Wing Cylinder	2.5" x 8" x 1.5" Rod
Tire Size	16Lx16.1 6 Ply
Tire Inflation	24 psi
Wheel Nut Torque	125 ft-lb
Minimum Horse Power Requirements	75 HP
Required Number of Hydraulic Remotes	2
Rated PTO RPM	1000 RPM
Flail Tip Speed at 1000 RPM	7000 FPM
Number of Flails	28
Flail Size	3/4 x 1-1/2 x 7"
Oil Impregnated Bushing in Flails	
Rotor Shaft	1 15/16" Bearing
Agitator Shaft	1 3/4" Bearings
Disc Type Twine Guard	
PTO Shaft	Weasler: Cat. 6 80 deg. C.V.
Shear Bolt	3/8" x 2" Gr. 5
Gearbox Oil	GL5 80W90

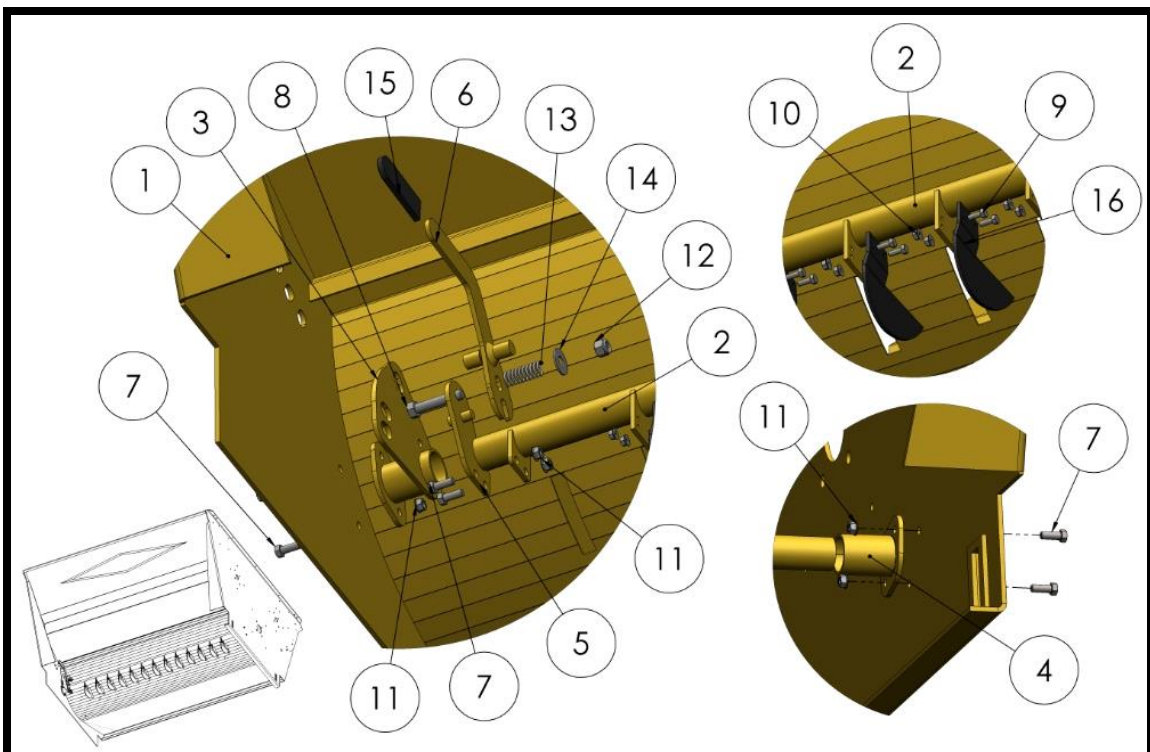
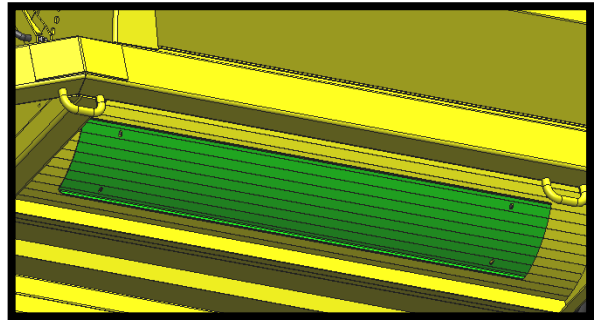




Optional Fine Chop Kit (Installation)

This part of the manual will explain how to install a fine chop kit to an existing machine.

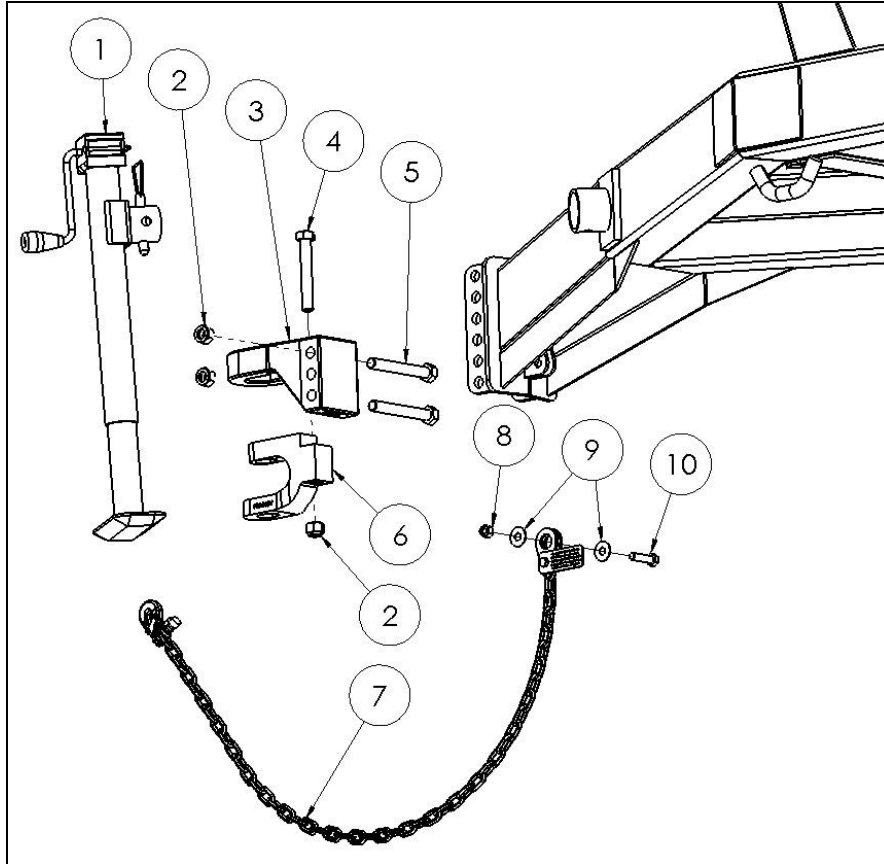
- Remove cover plate (RIGHT) and the fin bolts holding it in place.
- Loosely slide the front (3) and rear (4) pivots over the ends of the pipe (2).
- Lift the assembly into the bottom left side of the tub and install the pivots to the tub walls with 3/8" hardware (7,11) as shown.
- Install the handle (6) on the handle mount (5) with a spring (13) and 1/2" hardware (8, 12, and 14). Make sure the lock nut is fully catching the threads.
- Install the rubber handle cap (15) onto the handle.
- Install the handle mount to the pipe using 3/8" hardware (7, 11). Make sure that the bar can pivot freely.
- Install the fine chop blades (16) to the pipe handle using 1/4" hardware (9,10).





PARTS MANUAL

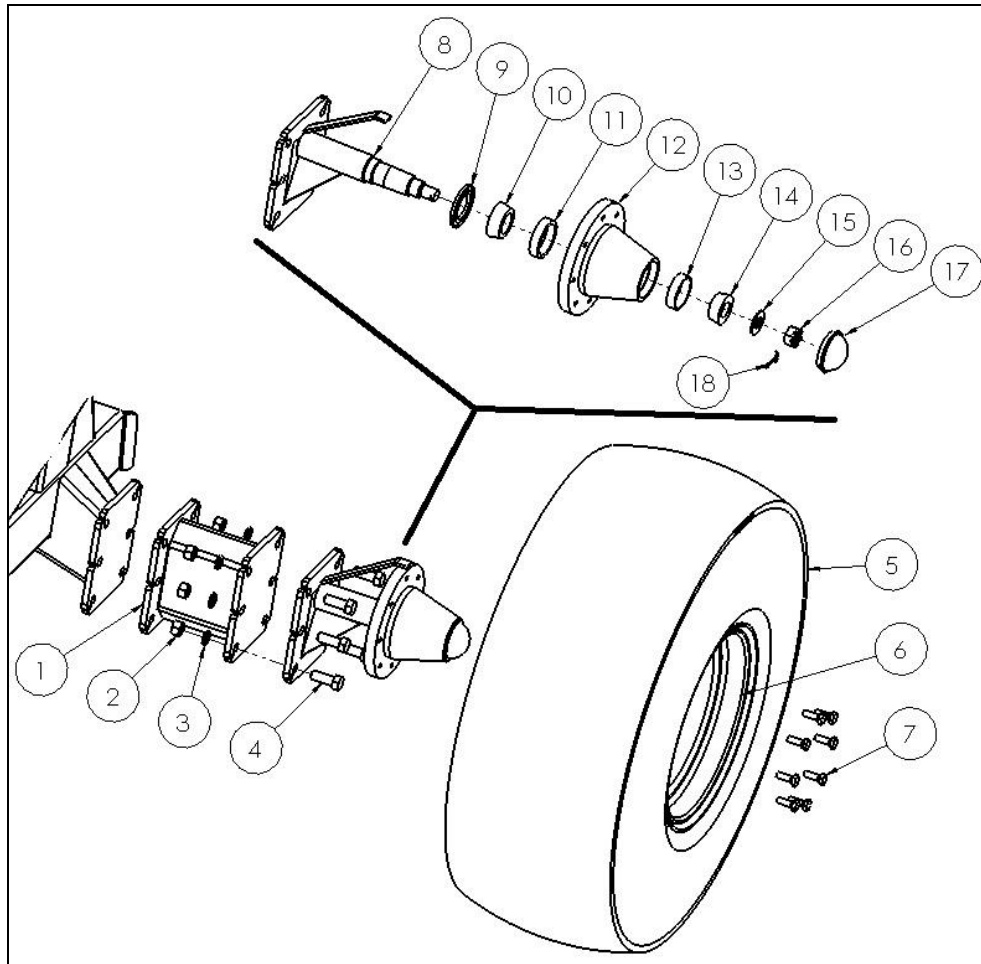
Jack & Hitch



#	DESCRIPTION	PART #	QTY
1	Jack, 5000 lb * Comes with pin *	22166	1
2	Nut, 3/4" Stover Lock	11823	3
3	Hitch Tongue	22440	1
4	Bolt, 3/4" x 5"	10803	1
5	Bolt, 3/4" x 5-3/4"	10802	2
6	Hitch Clevis	22441	1
7	Safety Chain, 11000lb x 53"	21715	1
8	Nut, 1/2" Nylon Lock	10241	1
9	Flat Washer, 1/2"	11668	2
10	Bolt, 1/2" x 2"	10322	1



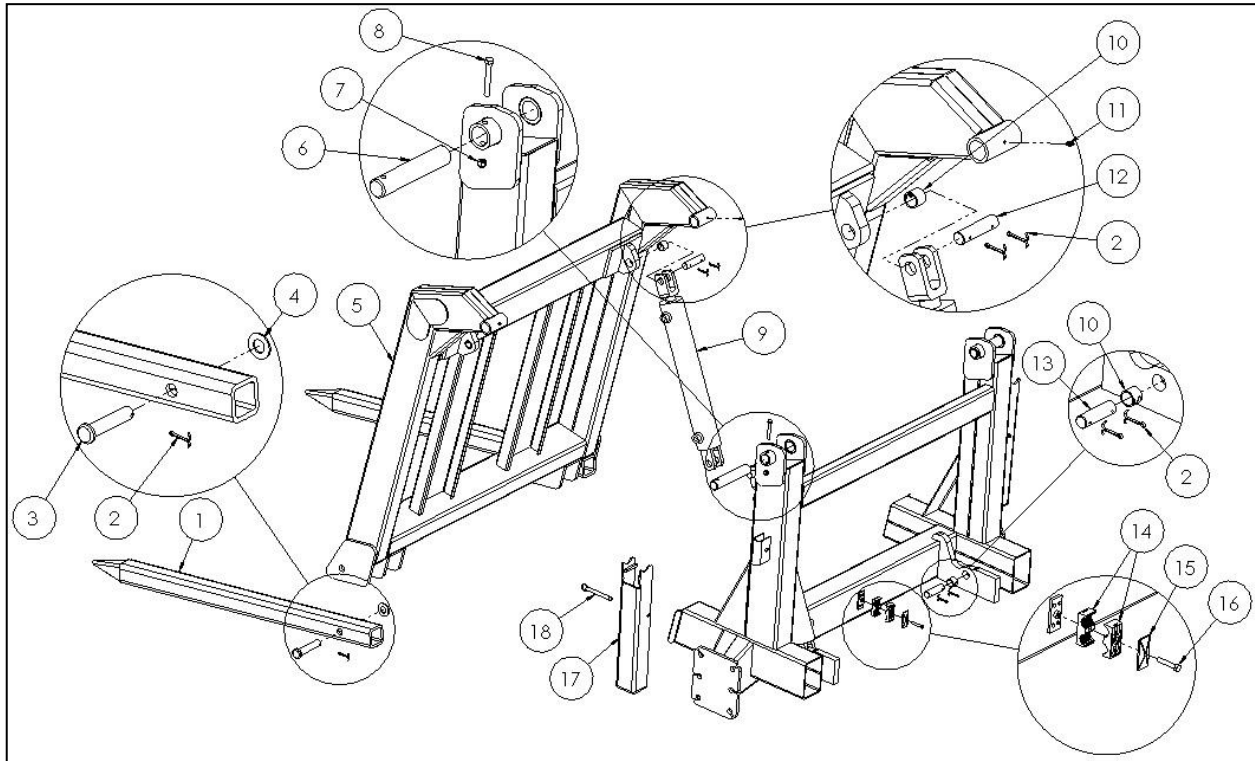
Wheels & Hub



#	DESCRIPTION	PART #	QTY
1	8 Inch Axle Extension	24969	1
2	Nut, 3/4"	10283	18
3	Lock Washer, 3/4"	10284	18
4	Bolt, 3/4" x 2"	13800	18
5	Tire, 16L-16.1 6 ply * See your local tire dealer *	-	2
6	Rim, 16.1x14, 8 on 8"	10354	2
7	Wheel Stud, 9/16" x 1-3/4" NF	10347	16
8	Spindle Plate	22434	2
9	Seal, 2" ID	10344	2
10	Inner Bearing Cone, 1-3/4" ID	10345	2
11	Inner Bearing Race	10349	2
12	Hub Housing * Includes #11 & #13 *	10343	2
13	Outer Bearing Race	10346	2
14	Outer Bearing Cone, 1-3/8" ID	10348	2
15	Flat Washer, 1-1/6" ID x 2" OD	10071	2
16	Castle Nut, 1" NF	10153	2
17	Dust Cap	10350	2
18	Cotter Pin, 3/16" x 1-1/2"	10072	2



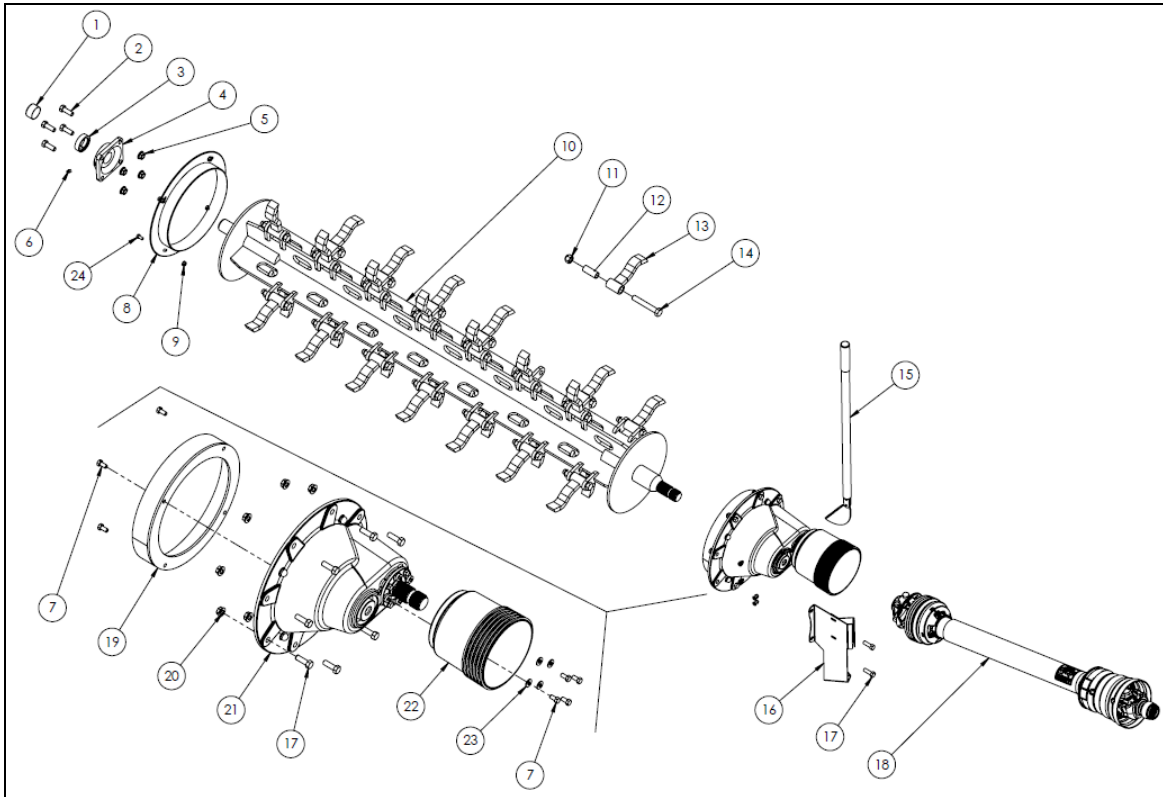
Rear Forks



#	DESCRIPTION	PART #	QTY
1	Fork Tine	22421	2
2	Cotter Pin, 3/16" x 1-1/2"	10072	10
3	Fork Tine Pin	10031	2
4	Flat Washer, 1"	14472	2
5	Fork Frame	22420	1
6	Fork Pivot Pin	22006	2
7	Nut, 3/8" Nylon Lock	10806	2
8	Bolt, 3/8" x 2-3/4"	20908	2
9	Hydraulic Cylinder, 3" x 18" x 1-1/2"	21717	2
	* Seal Kit	20807	
	* Stopper Kit	21860	
10	Bushing Insert, 1"	23708	4
11	Grease Zerk	16364	2
12	Cylinder Pin, 1" x 4-1/16"	22190	2
13	Cylinder Pin, 1" x 3-1/2"	10339	2
14	Hydraulic Hose Clamp	21561	2
15	Hydraulic Hose Clamp Cap	21725	1
16	Bolt, 5/16" x 1-3/4"	21726	1
17	Cylinder Safety Lock	21860	2
18	Quick Pin	21709	2



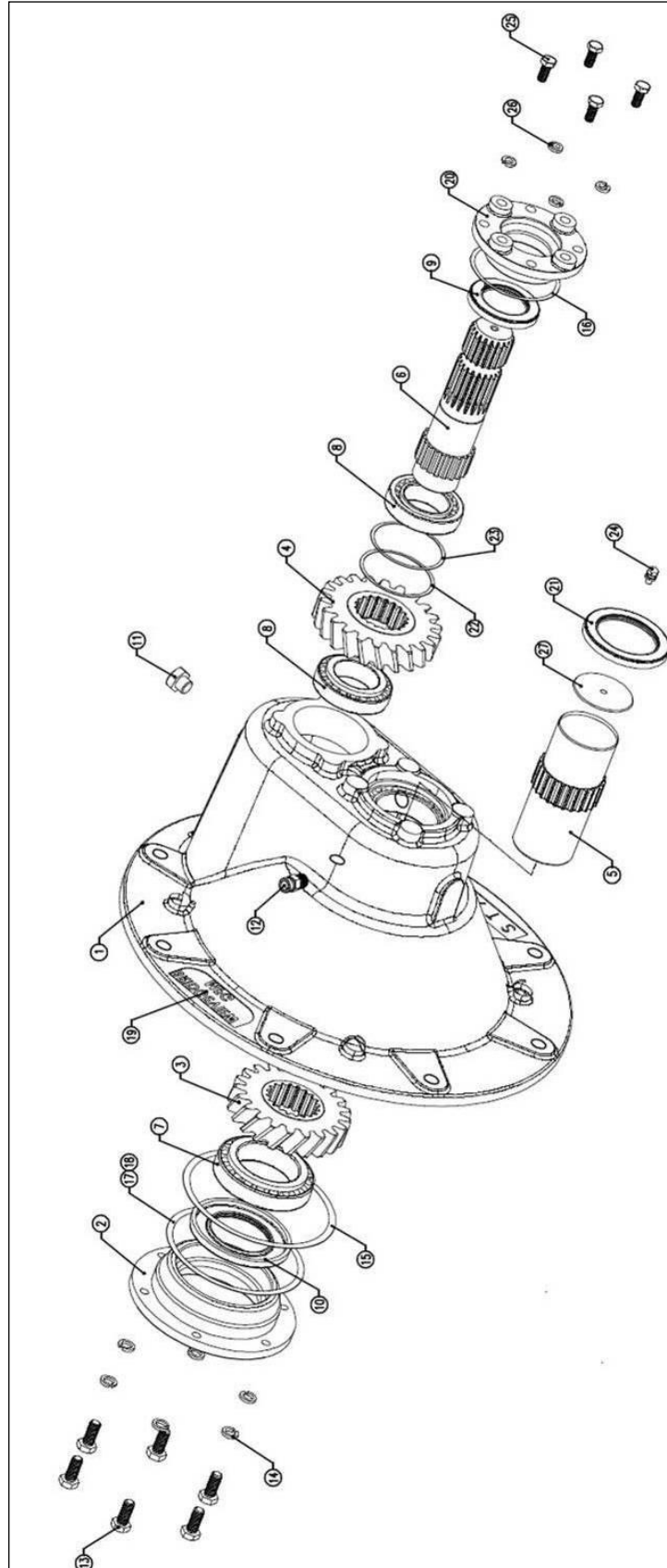
Rotor & Drive Components



#	DESCRIPTION	PART #	QTY
1	Rotor Shaft Cap	17380	1
2	Bolt, 5/8" x 1-3/4" NF Gr. 8	10274	4
3	Lock Collar	10268	1
4	Rotor Bearing * Includes # 3 & 6 *	10221	1
5	Nut, 5/8" NF Serrated Flange Gr. 8	15398	4
6	Grease Zerk, 1/8" NPT Straight	10270	1
7	Bolt, 3/8" x 3/4"	11816	8
8	Rotor Twine Guard, Rear	22413	1
9	Nut, 3/8" Serrated Flange	10271	4
10	X-Rotor Weldment	22449	1
11	Nut, 3/4" Stover Lock	11823	28
12	Brass Flail Bushing	10005	28
13	Rotor Flail	22412	28
14	Bolt, 3/4" x 4-3/4"	10443	28
15	Twine Cutter Handle * See Breakdown *	-	1
16	Twine Cutter Holder * See Breakdown *	-	1
17	Bolt, 1/2" x 1-1/2"	10174	8
18	PTO Shaft * See Breakdown *	-	1
19	Gearbox Twine Guard	23002	1
20	Nut, 1/2" Serrated Flange	10273	8
21	Gearbox Assembly * See Breakdown *	-	1
22	PTO Safety Shield	10421	1
23	Flat Washer, 3/8"	11667	4
24	Bolt, 3/8 x 1"	13806	4



Gearbox



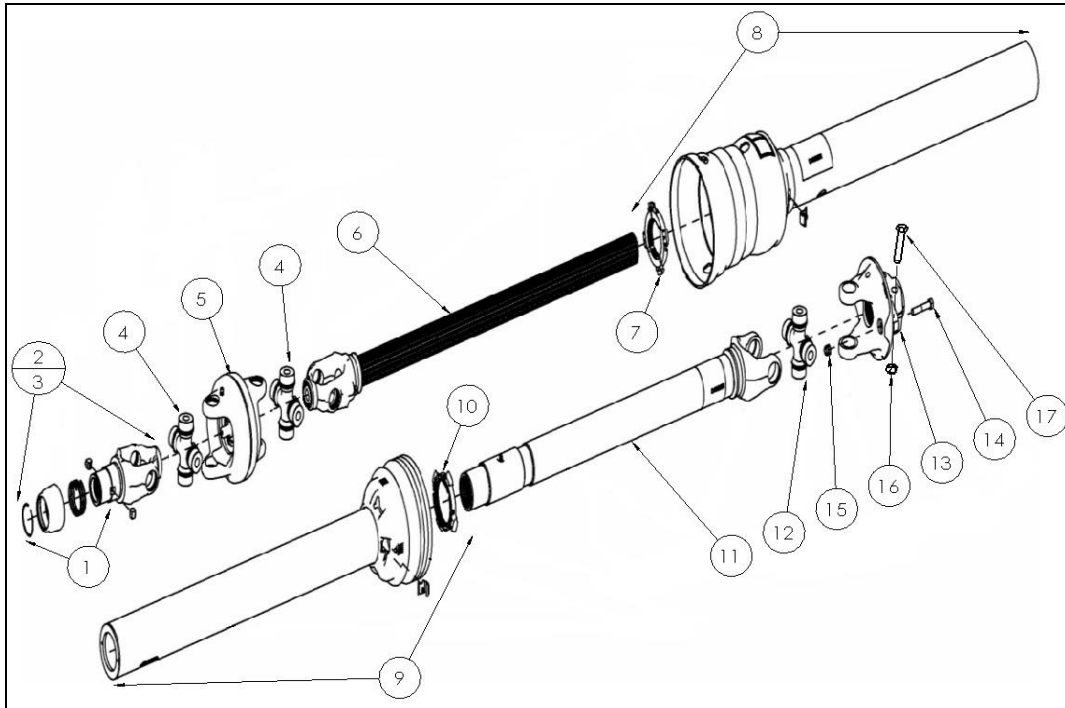


#	DESCRIPTION	PART #	QTY
	Complete Gearbox Assembly	22158	1
1	Housing	-	1
2	End Cap	-	1
3	Output Gear	-	1
4	Input Gear	-	1
5	Output Shaft	-	1
6	Input Shaft	-	1
7	Bearing (32012) 60mm	10496	2
8	Bearing (32009) 45mm	10497	2
9	Seal, 45 x 60 x 8	24013	1
10	Seal, 60 x 100 x 10	10498	1
11	Pipe Plug, 3/8" NPT	24014	2
12	Relief Plug, 3/8" NPT	24015	1
13	Bolt, M8 x 25 Gr. 8.8	24026	6
14	Lock Washer, M8	24016	6
15	O-Ring	24017	1
16	O-Ring	24018	1
17	Shim, 125 x 164 x 0.1	24022	2
18	Shim, 125 x 164 x 0.3	24023	2
19	Name Plate (Bridgeview)	-	1
20	End Cap	-	1
21	Seal, 60 x 85 x 10	10500	1
22	Shim, 68 x 74.5 x 0.1	24024	2
23	Shim, 68 x 74.5 x 0.3	24025	2
24	Grease Zerk, 1/4"-28 Straight	12080	1
25	Bolt, M10 x 25	15087	4
26	Lock Washer, M10	24021	4
27	Press Cup	24446	1

NOTE: Items with no part number are not sold separately. A complete gearbox is required.

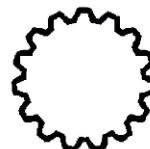
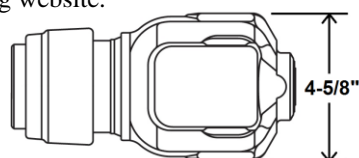


PTO Shaft



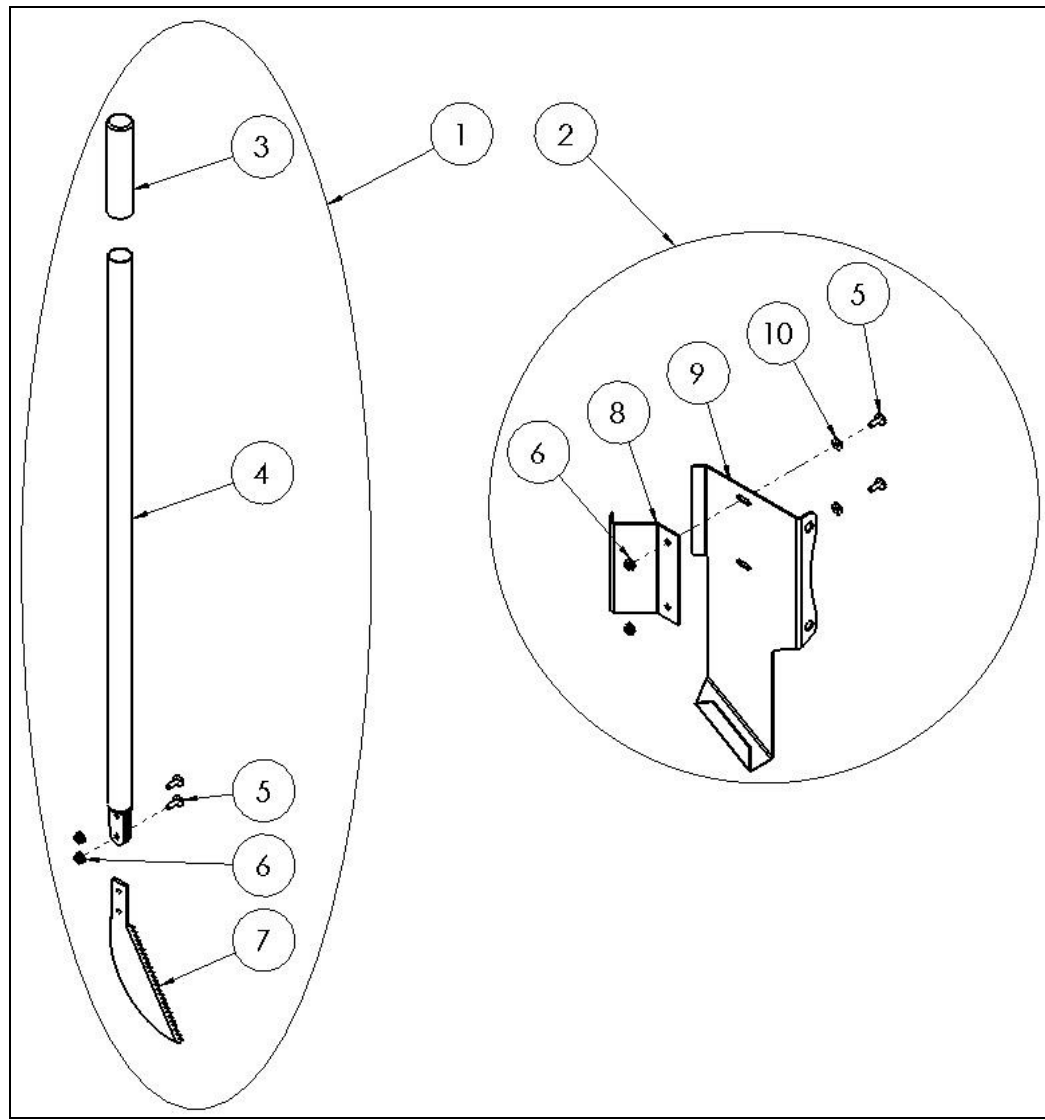
#	DESCRIPTION	PART #	QTY
	Complete PTO Shaft Assembly	20546	1
1a	Safety Slide Lock Repair Kit (1-3/8"-21 Spline)	17567	(1)
1b	Safety Slide Lock Repair Kit (1-3/4"-20 Spline)	24981	(1)
2	WWCV Auto-Lok Yoke Assembly (1-3/8"-21 Spline)	20549	(1)
3	WWCV Auto-Lok Yoke Assembly (1-3/4"-20 Spline)	20556	(1)
4	CV Cross and Bearing Kit (Equal Length)	20550	2
5	CV Center Housing	20551	1
6	Yoke & Shaft Assembly Tractor Side	20552	1
7	Guard Repair Kit Tractor Side	20553	1
8	Guard Assembly Tractor Side	17583	1
9	Guard Assembly Implement Side	17585	1
10	Guard Repair Kit Implement Side	17572	1
11	Yoke & Tube Assembly Implement Side	17584	1
12	U-joint Cross & Bearing Kit	17573	1
13	Shear Assembly * Does not come with bolts 14 or 16 *	17581	1
14	Shear Bolt, 3/8" x 2"	11817	1
15	Nut, 3/8" Stover Lock	17586	1
16	Nut, 5/8" Stover Lock	24982	2
17	Bolt, 5/8" x 3-1/2"	24983	2

NOTE: Ensure that the PTO shaft on the machine is correct to the drawings below. Equal length CV cross (4.19") with bearing cup diameter 1.38". If the damaged PTO has different dimensions, consult the Bridgeview Manufacturing website.





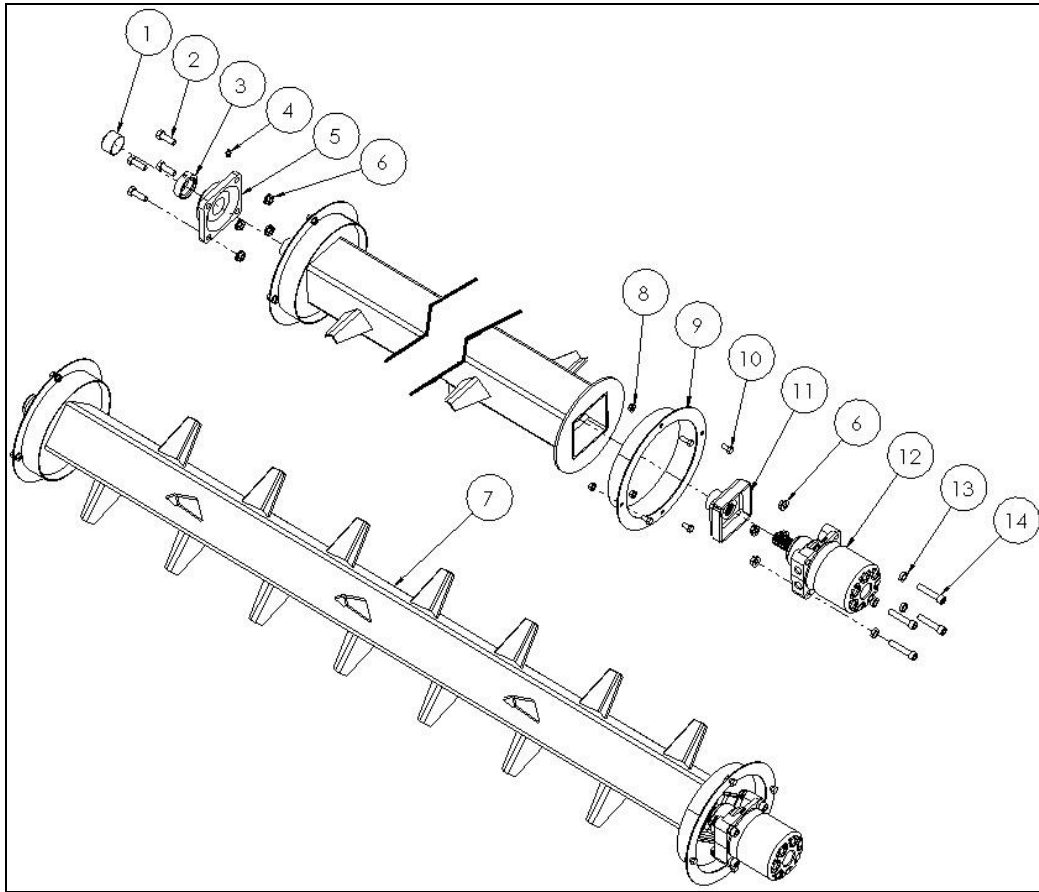
Twine Cutter



#	DESCRIPTION	PART #	QTY
1	Twine Cutter Handle Kit	-	1
2	Twine Cutter Holder Kit	21549	1
3	Rubber Handle Cap	17587	1
4	Twine Cutter Handle	20862	1
5	Bolt, 1/4" x 3/4" Truss Head	17638	4
6	Nut, 1/4" Serrated Flange	11812	4
7	Twine Cutter Blade	17438	1
8	Twine Cutter Holder Inside Bracket	17690	1
9	Twine Cutter Holder Outside Bracket	17691	1
10	Flat Washer, 1/4"	11666	2



Agitators

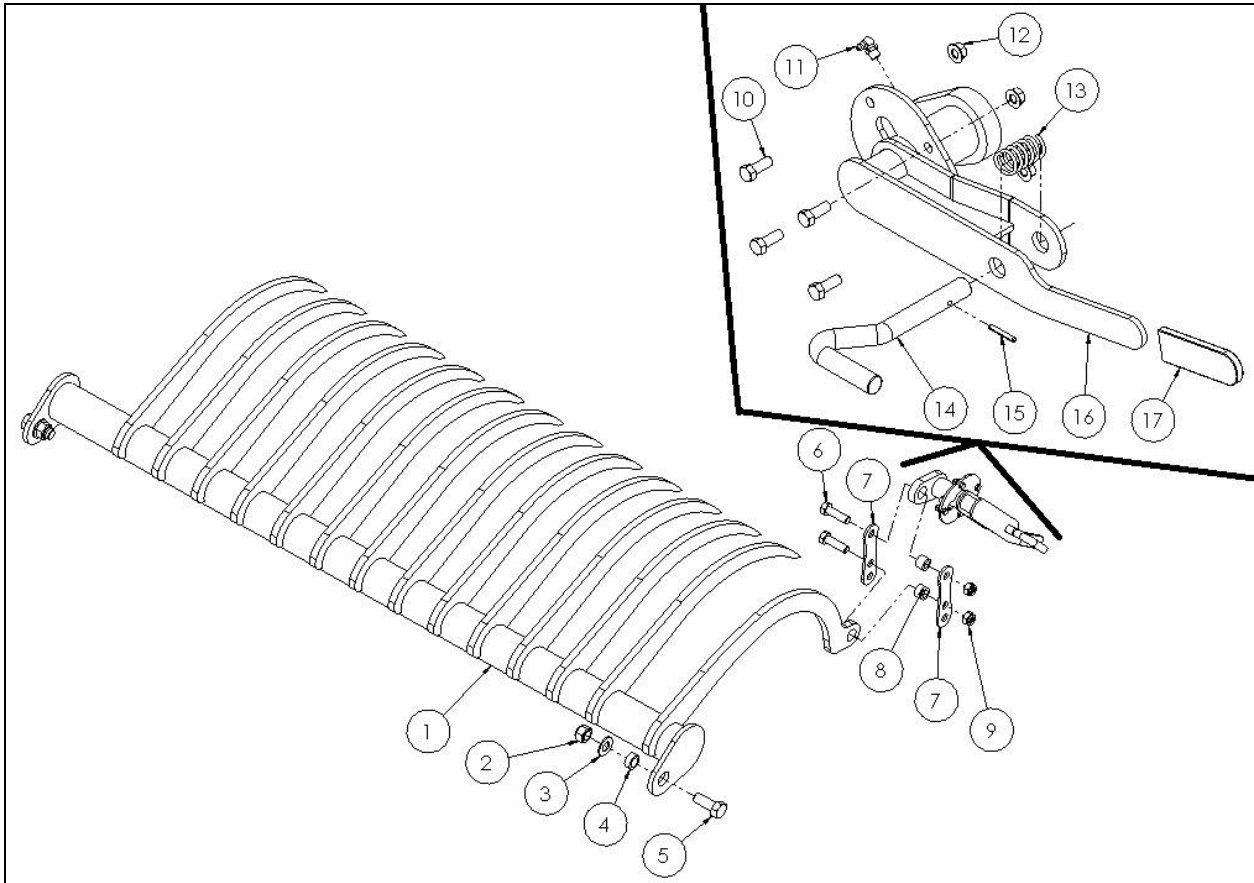


#	DESCRIPTION	PART #	QTY
1	Agitator Shaft Cap	17381	2
2	Bolt, 1/2" x 1-1/2"	10174	8
3	Lock Collar	10040	2
4	Grease Zerk, 1/8" NPT Straight	10270	2
5	Agitator Bearing * Includes # 3 & 4a *	10038	2
6	Nut, 1/2" Serrated Flange	10273	8
7	Agitator	22418	2
8	Nut, 3/8" Serrated Flange	10271	16
9	Agitator Twine Guard	22419	4
10	Bolt, 3/8" x 3/4"	11816	16
11	Agitator Insert	22084	2
12	Agitator Motor, 8" Long (S/N BK6416 & up) * Seal Kit	25872 25891	2
	Agitator Motor, 6-1/2" Long (S/N BK6415 & below) #	21720	
	* Seal Kit	22820	
13	Lock Washer, 1/2"	14447	8
14	Socket Head Bolt, 1/2" x 3" (S/N BK6416 & up)	25952	8
	Socket Head Bolt, 1/2" x 2-1/2" (S/N BK6415 & below)	16863	

NOTE: Check the serial number (S/N) of your machine before ordering.



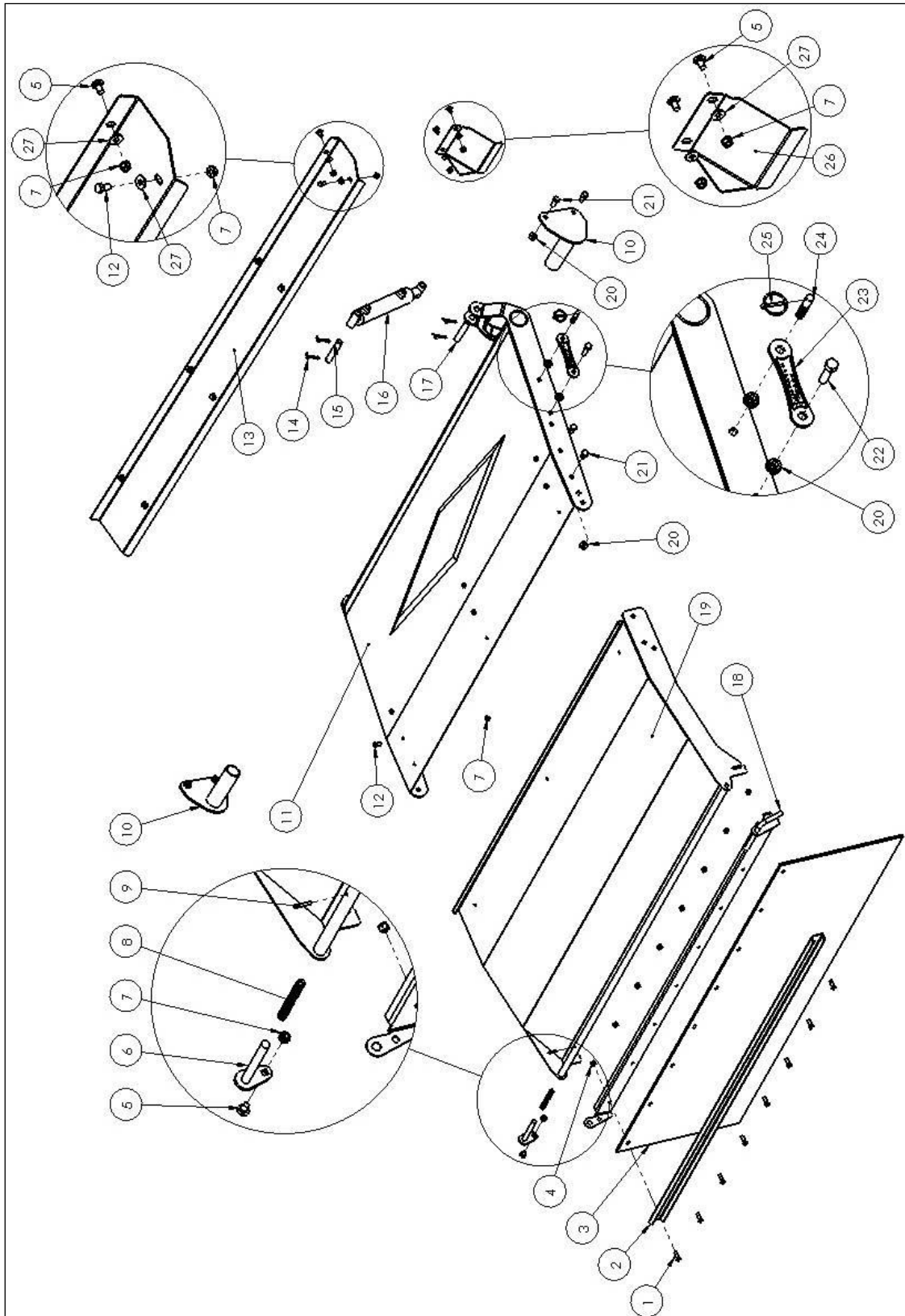
Grates



#	DESCRIPTION	PART #	QTY
1	Grate Assembly	22414	1
2	Nut, 1" Stover Lock	21746	2
3	Flat Washer, 1"	14472	2
4	Grate Pivot Bushing	22417	2
5	Bolt, 1" x 2-1/2"	21820	2
6	Bolt, 3/4" x 2-1/2"	14470	2
7	Grate Shackle	22416	2
8	Grate Shackle Bushing	22415	2
9	Nut, 3/4" Nylon Lock	10007	2
10	Bolt, 3/8" x 1"	13806	4
11	Grease Zerk, 1/4"-28 x 90 degree	16389	1
12	Nut, 3/8" Serrated Flange	10271	4
13	Grate Handle Spring	19471	1
14	S-Handle	22187	1
15	Roll Pin, 3/16" x 1-1/4"	10302	1
16	Grate Adjust Handle	22023	1
17	Rubber Cover	10297	1



Deflector & Hose Cover

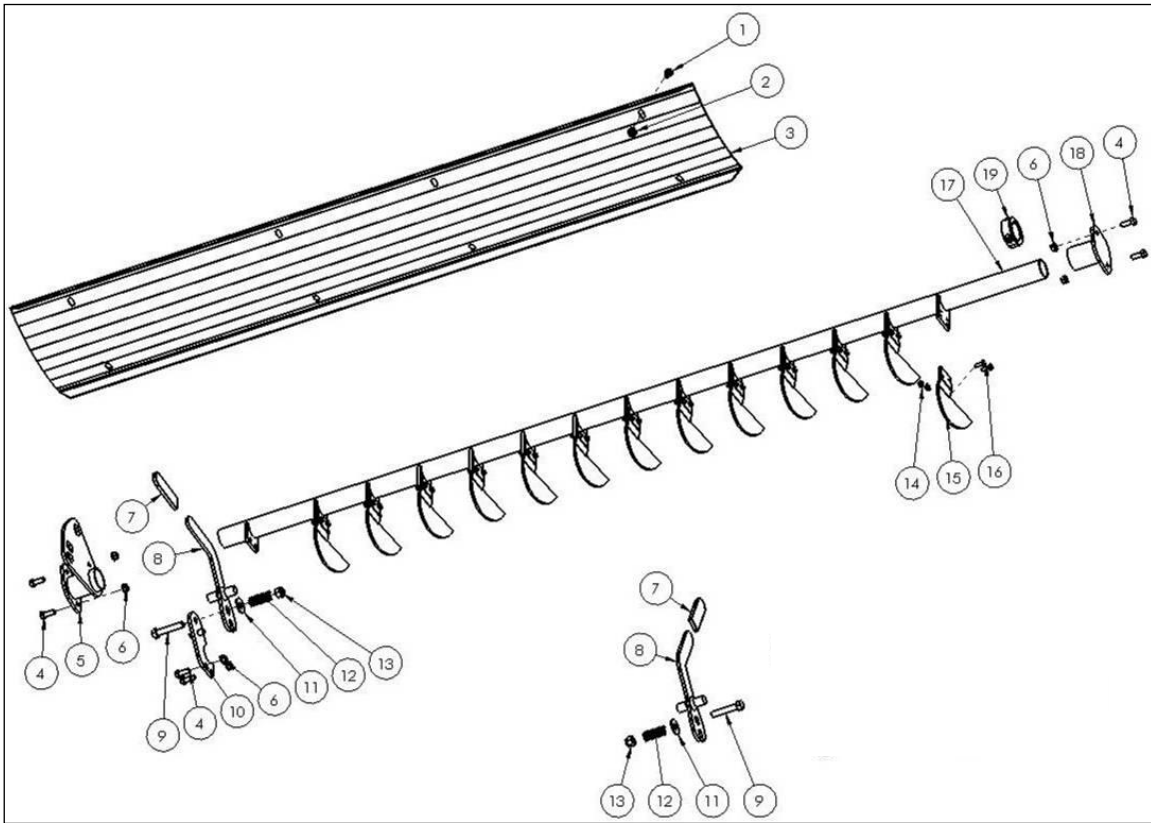




#	DESCRIPTION	PART #	QTY
1	Bolt, 3/8" x 1"	13806	8
2	Deflector Rubber Channel	22423	1
3	Deflector Rubber	10477	1
4	Nut, 3/8" Nylon Lock	10806	8
5	Carriage Bolt, 3/8" x 3/4"	14072	7
6	Deflector Flipper Pin	24464	1
7	Nut, 3/8" Serrated Flange	10271	20
8	Compression Spring	24461	1
9	Roll Pin, 3/16" x 1-1/4"	10302	1
10	Deflector Pivot	22426	2
11	Inner Deflector	22425	1
12	Bolt, 3/8" x 3/4"	11816	13
13	Hose Cover	22436	1
14	Cotter Pin, 3/16" x 1-1/4"	11669	4
15	Cylinder Pin, 3/4" x 3" Usable	22007	1
16	Hydraulic Cylinder, 1-1/2" x 6" x 3/4" * Seal Kit	21711 23738	1
17	Cylinder Pin, 3/4" x 3" Usable	22007	1
18	Deflector Rubber Flipper	24463	1
19	Outer Deflector	24462	1
20	Nut, 1/2" Serrated Flange	10273	12
21	Bolt, 1/2" x 1"	10824	8
22	Bolt, 1/2" x 2"	10322	1
23	Deflector Lock	22422	1
24	Pin Stud	13231	1
25	Lynch Pin	13233	1
26	Hose Cover Front	22945	1
27	Flat Washer, 3/8"	11667	10



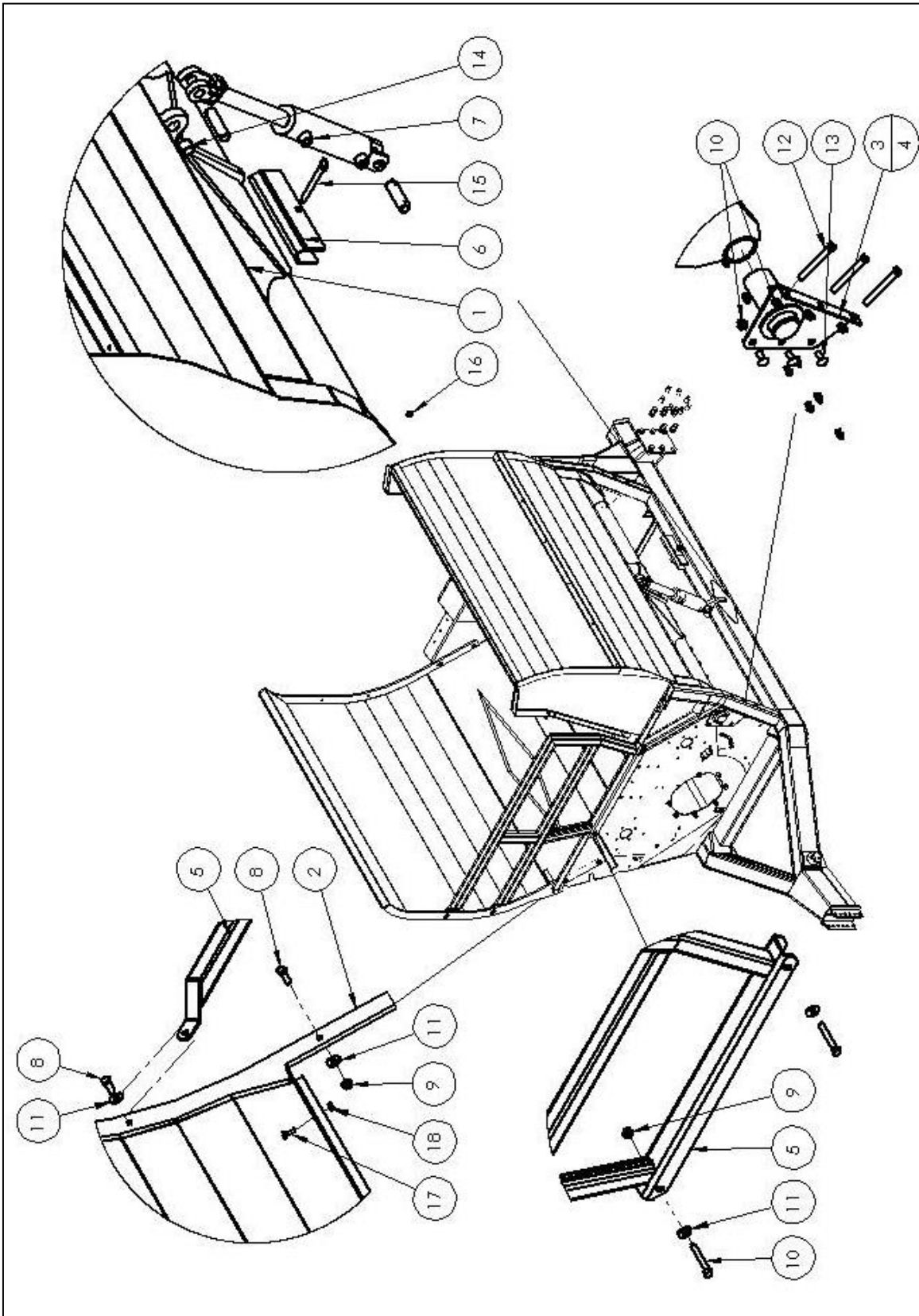
Fine Chop Kit (Optional)



#	DESCRIPTION	PART #	QTY
1	Fin Bolt, 3/8" x 3/4"	10807	8
2	Nut, 3/8" Serrated Flange	10271	8
3	Fine Chop Cover Plate	22438	1
	Fine Chop Kit * Optional *	22139	1
4	Bolt, 3/8" x 1"	13806	6
5	Fine Chop Pivot Front	22443	1
6	Nut, 3/8" Serrated Flange	10271	6
7	Rubber Handle	10297	1
8	Fine Chop Handle	22446	1
9	Bolt, 1/2" x 2-1/2"	10804	1
10	Fine Chop Handle Mount	22445	1
11	Flat Washer, 1/2"	11668	1
12	Compression Spring	21713	1
13	Nut, 1/2" Nylon Lock	10241	1
14	Nut, 1/4" Serrated Flange	11812	26
15	Fine Chop Blade	10404	13
16	Bolt, 1/4" x 3/4"	11809	26
17	Fine Chop Bar	22442	1
18	Fine Chop Pivot Rear	22444	1
19	Split Collar	12792	1



Wings

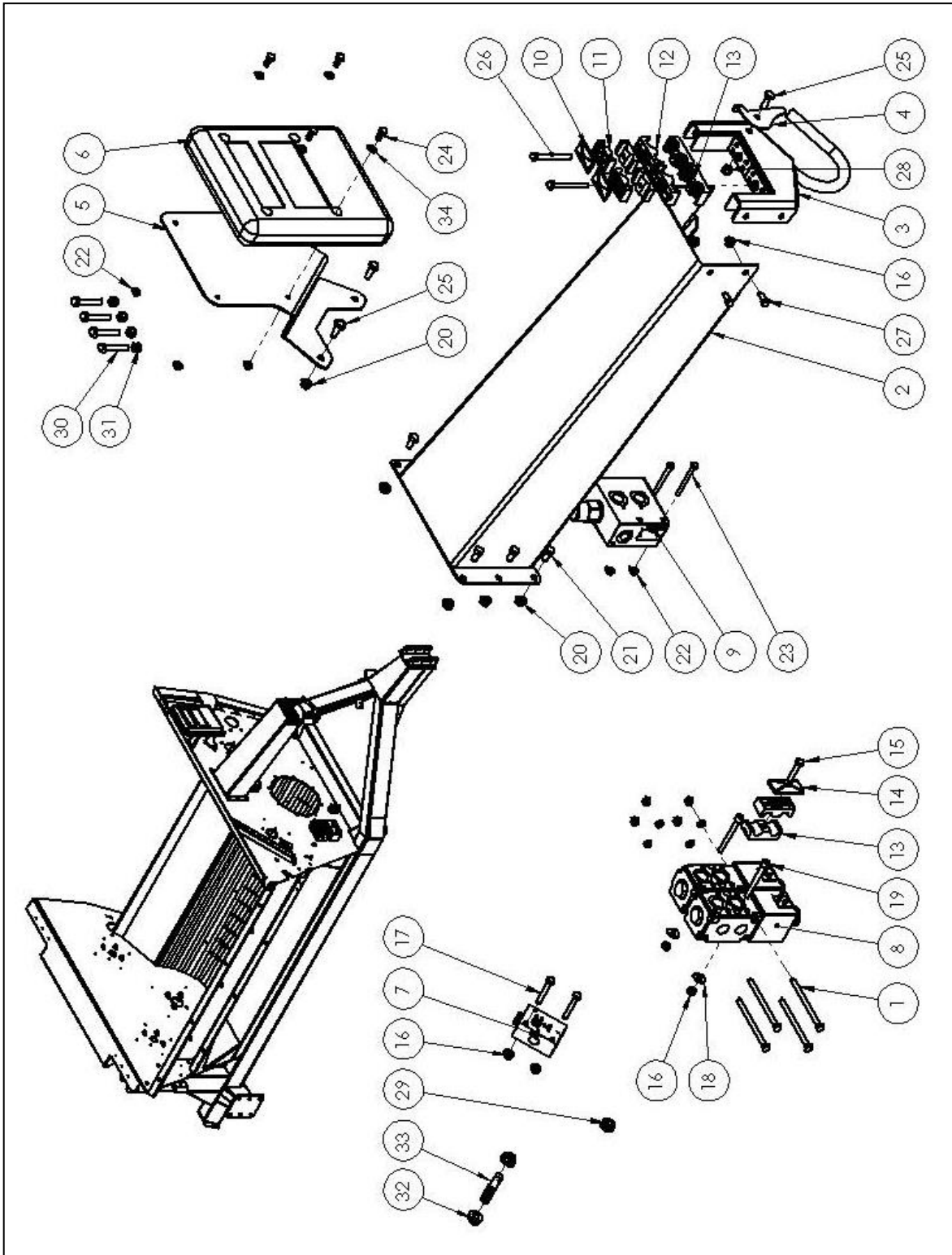




#	DESCRIPTION	PART #	QTY
1	Wing	24963	1
2	Fixed Wing	24968	1
3	Front Wing Mount	24966	1
4	Rear Wing Mount	24967	1
5	Front Rack	24964	1
6	Wing Cylinder Lock	24973	1
7	Hydraulic Cylinder (2.5" x 8" x 1.5") *Cylinder Pins Included	17443	1
-	*Seal Kit	17609	-
8	1/2" x 1-1/2" Bolt	10174	6
9	1/2" Serrated Flange Nut	10273	18
10	1/2" x 3-1/2" Bolt	10353	4
11	1/2" Flat Washer	11668	6
12	1/2" x 4-1/2" Bolt	15574	6
13	1/2" x 1-1/4" Carriage Bolt	11819	6
14	1" Spring Bushing Insert	23708	2
15	1/2" x 4" Quick Pin	21709	1
16	Grease Zerk 1/4"-28	16364	2
17	3/8" x 1" Bolt	13806	4
18	3/8" Serrated Flange Nut	10271	4



Front Components



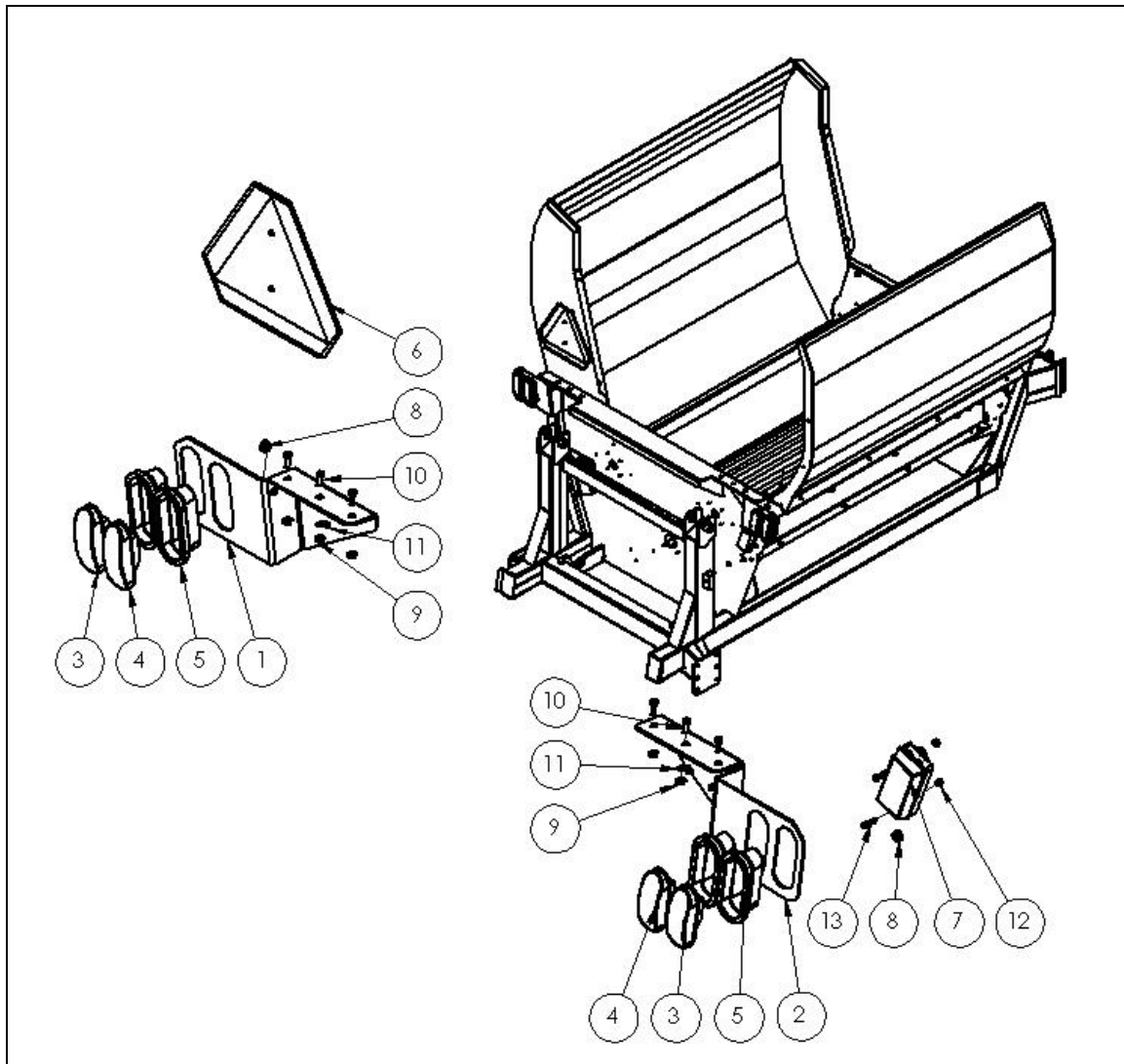


#	DESCRIPTION	PART #	QTY
1	Diverter Valve Stack Kit * Includes bolts, washers, & nuts *	12895	1
2	PTO Holder	22435	1
3	PTO Holder End Plate	22838	1
4	PTO Transport Lock	22450	1
5	Manual Cover Mount	24972	1
6	Operator's Manual Cover	22409	1
7	Pilot Operated Check Valve	19114	1
8	Diverter Valve	11743	2
	* Nut & O-ring Kit	17977	
	* Magnet Kit	11789	
9	Flow Divider Valve (S/N BK6416 & up)	25778	1
	(S/N BK6415 & below) #	23368	
10	Hose Clamp Plate, Small	22182	2
11	Hose Clamp Block, 1/4"	22181	4
12	Hose Clamp Block, 1/2"	21561	2
13	Hose Clamp Block, 3/8"	22180	2
14	Hose Clamp Plate, Large	21725	1
15	5/16" x 1-3/4" Bolt	21726	1
16	5/16" Serrated Flange Nut	11814	8
17	5/16" x 2" Bolt	15572	2
18	5/16" Flat Washer	12496	2
19	5/16" x 3" Socket Head Bolt	11783	2
20	3/8" Serrated Flange Nut	10271	9
21	3/8" x 1" Bolt	13806	7
22	1/4" Serrated Flange Nut	11812	4
23	1/4" x 5" Bolt (S/N BK6416 & up)	25951	2
	1/4" x 2-3/4" Bolt (S/N BK6415 & below)	11811	
24	1/4" x 3/4" Bolt	11809	4
25	3/8" x 1" Bolt	13806	3
26	5/16" x 3" Bolt	22844	2
27	5/16" x 3/4" Bolt	20903	4
28	3/8" Nylon Lock Nut	10806	1
29	Grommet, 7/16" x 1/4"	21428	1
30	3/8" x 2" Gr. 5 Bolt	10279	4
31	3/8" Stover Nut	17586	4
32	1/2" Serrated Flange Nut	10273	2
33	Stabilizer Pin, 1/2" x 2-1/2"	13231	1
34	1/4" Flat Washer	11666	4

NOTE: Check the serial number (S/N) of your machine before ordering.



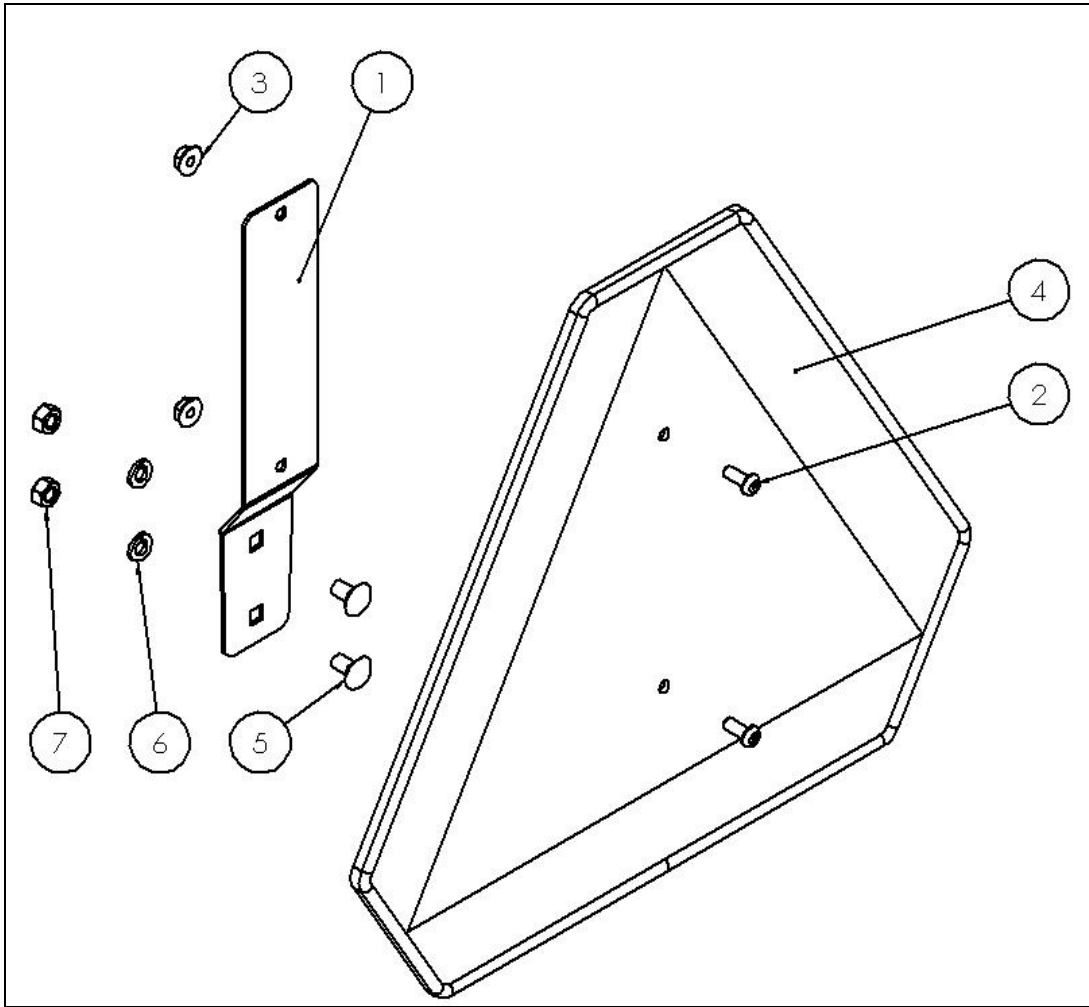
Rear Components



#	DESCRIPTION	PART #	QTY
1	Left Light Bracket	24970	1
2	Right Light Bracket	24971	1
3	Amber LED	21722	2
4	Red LED	21721	2
5	Light Grommet	21723	4
6	SMV Sign Kit	22411	1
7	Junction Box	13668	1
8	Grommet, 7/16" x 1/4"	21428	2
9	3/8" Serrated Flange Nut	10271	6
10	3/8" x 1" Bolt	13806	6
11	Insulated Cable Clamp	13629	2
12	5/16" Nylon Lock Nut	11815	2
13	5/16" x 1" Bolt	20906	2



Slow Moving Vehicle Sign Kit



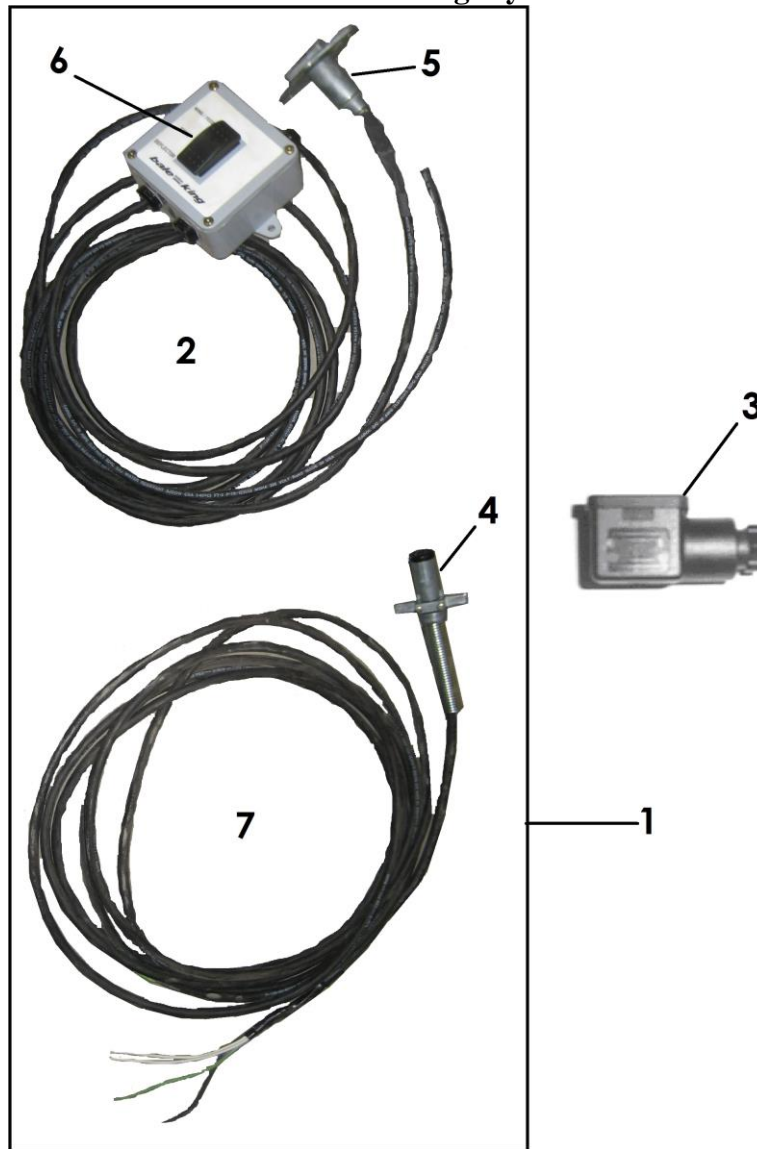
NOTE: Only the parts shown above are installed on the BK 8100. Additional parts are included in the SMV sign kit which are not required.

#	DESCRIPTION	PART #	QTY
	Slow Moving Vehicle Sign Kit	22411	1
1	Galvanized Sign Bracket	-	1
2	1/4" x 5/8" Pan Head Bolt	-	2
3	1/4" Serrated Flange Nut	-	2
4	Plastic SMV Sign	-	1
5	5/16" x 1/2" Carriage Bolt	-	2
6	5/16" Lock Washer	-	2
7	5/16" Hex Nut	-	2
8	Galvanized Tapered Receiver Bracket	-	-
9	5/16" x 1-1/2" Carriage Bolt	-	-
10	1/4" Lock Washer	-	-



Diverter Valve

Round Plug Style

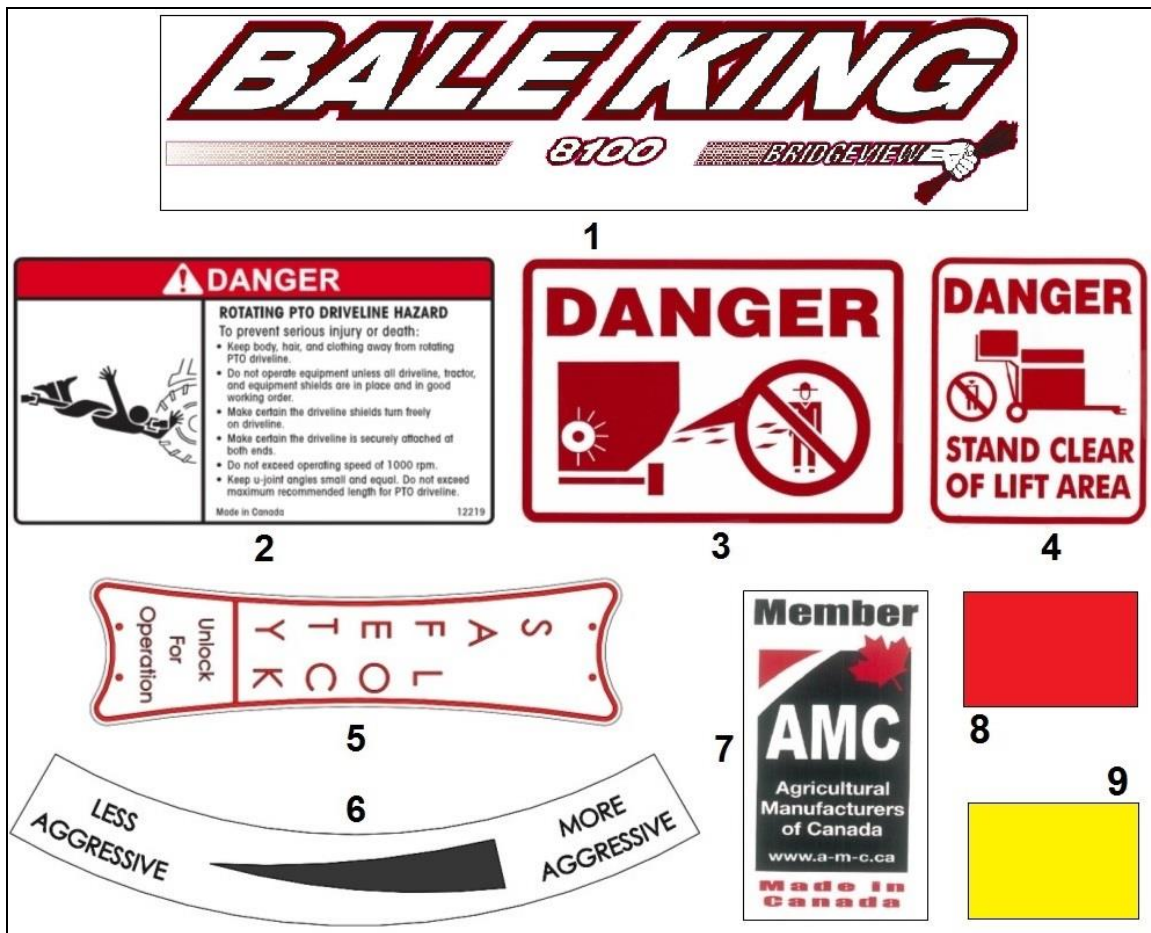


#	DESCRIPTION	PART #	QTY
1	Complete control box with harness for 8100 series	24466	1
2	Control box complete with cab to hitch harness all 8100 series	NSS	1
3	Square plug for diverter valve	13657	2
4	4-pin trailer plug	24691	1
5	4-pin tractor plug	24690	1
6	3 way switch	13561	1
7	Harness (hitch to valve) 8100 series	24693	1



Decals

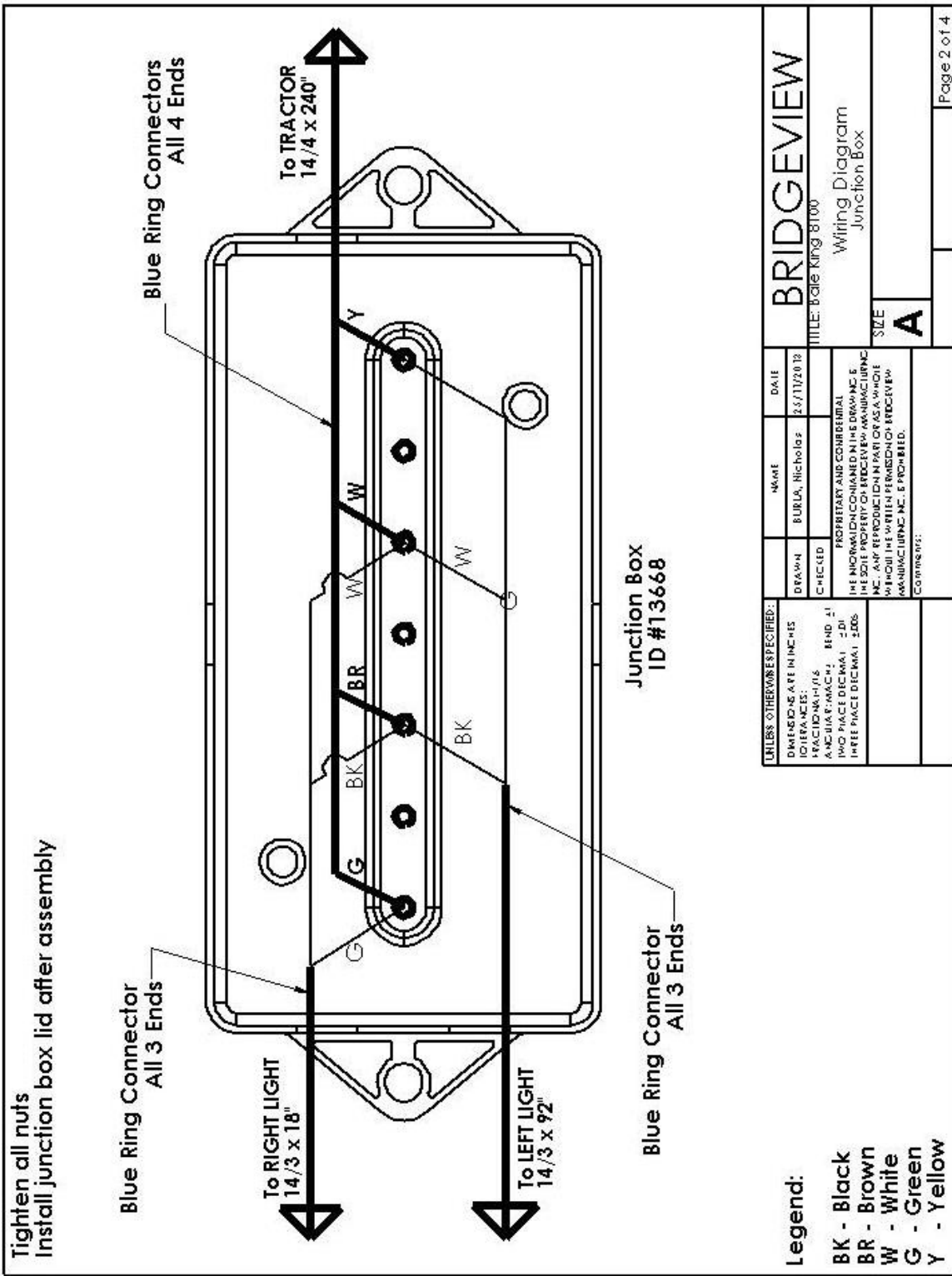
The following decals are present on the Bale King 8100



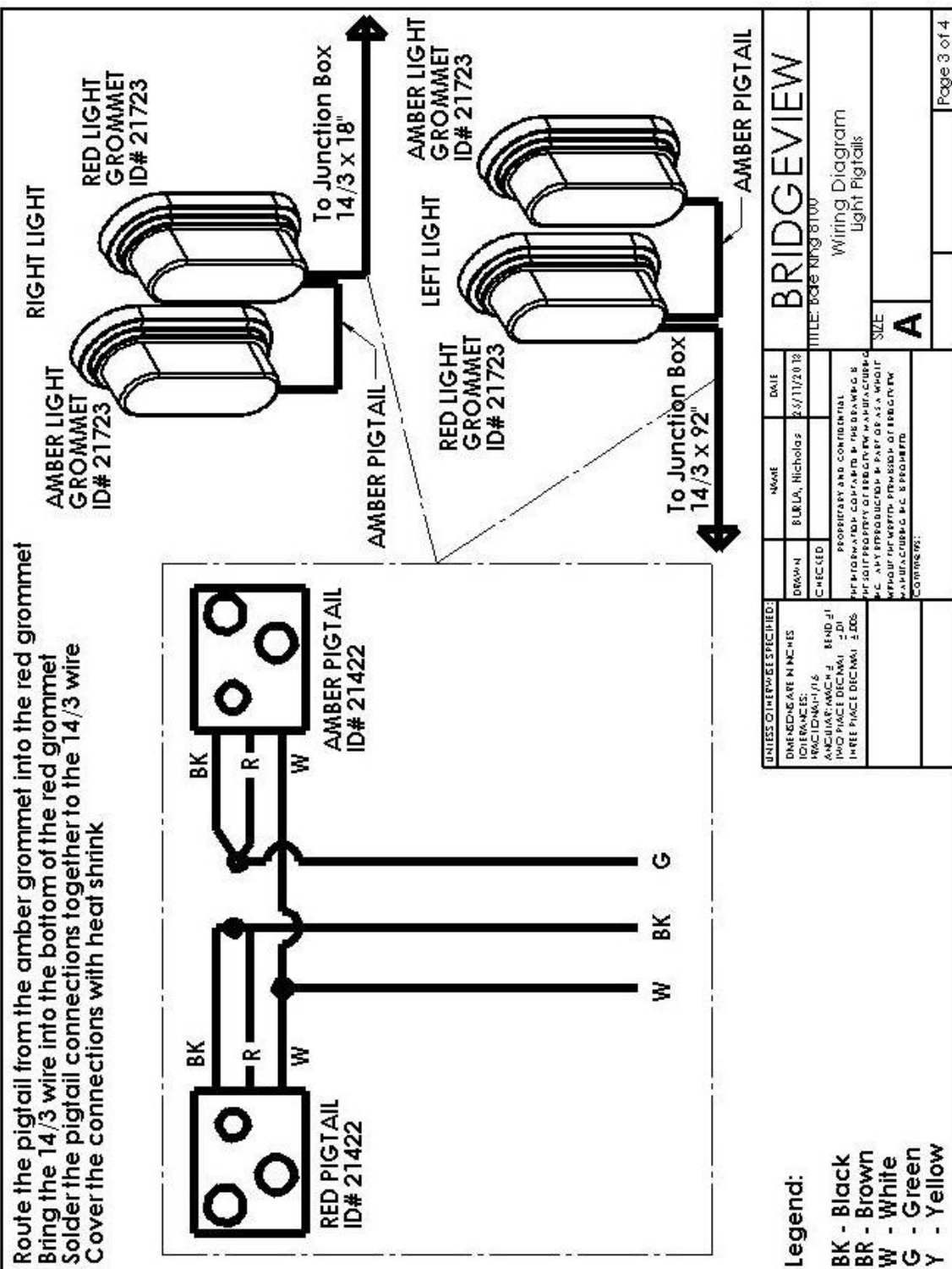
#	DESCRIPTION	PART #	QTY
1	Bale King 8100	24950	2
2	PTO Danger	12219	2
3	Side Discharge	12230	4
4	Stand Clear of Lift	12229	1
5	Deflector Lock	22292	1
6	Hoop Adjustment	22165	1
7	PIMA / AMC	12239	1
8	Red Reflective	13324	3
9	Amber Reflective	13325	3



ELECTRICAL & HYDRAULIC SCHEMATICS



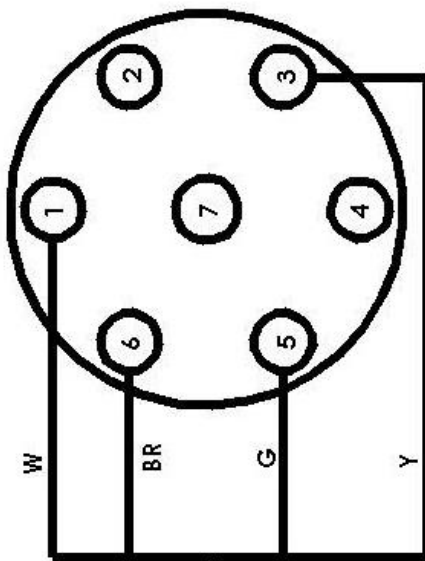
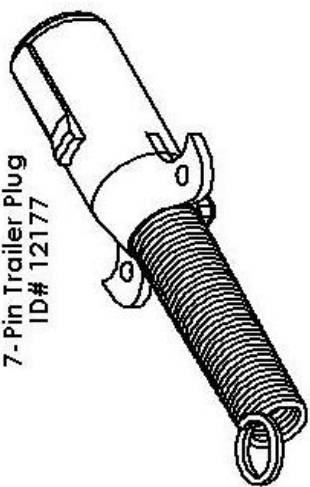
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES DIMENSIONS IN PARENTHESES ARE IN MILLIMETERS HOLE PLACES DECIMAL - 2 DIGIT HOLE PLACES DECIMAL - 3 DIGIT		DRAWN BURLA, Nicholas	DATE 2/27/2013	BRIDGEVIEW TITLE: Bale King 8100	
CHECKED		NAME BURLA, Nicholas		Wiring Diagram Junction Box	
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BRIDGEVIEW MANUFACTURING INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BRIDGEVIEW MANUFACTURING INC. IS PROHIBITED.		SIZE A		Page 2 of 4	





Wire the trailer plug AFTER the junction box is installed on the machine and the electrical wire is routed.

7-Pin Trailer Plug
ID# 12177



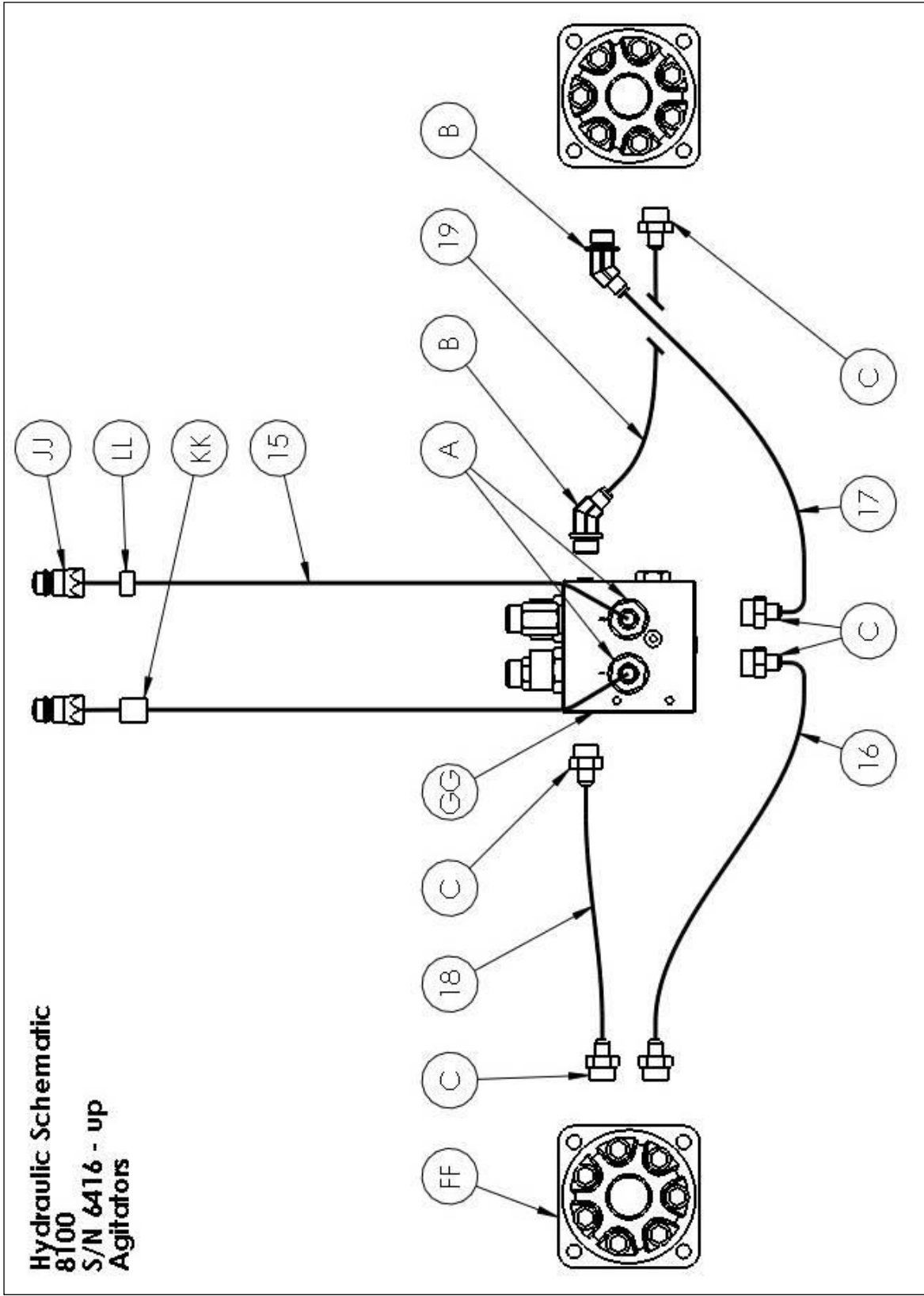
To Junction Box
1 1/4" x 2 1/4"

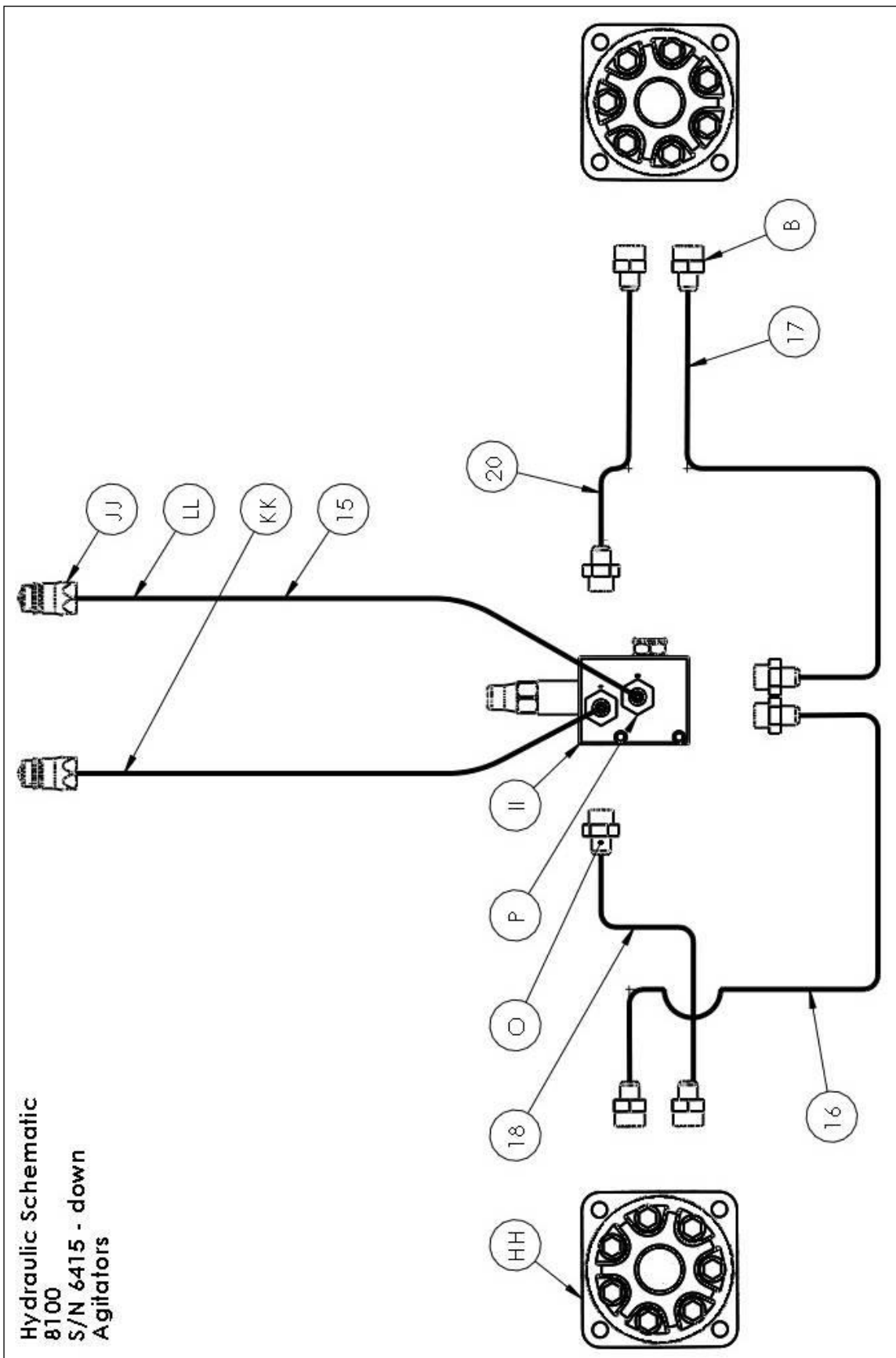
Legend:

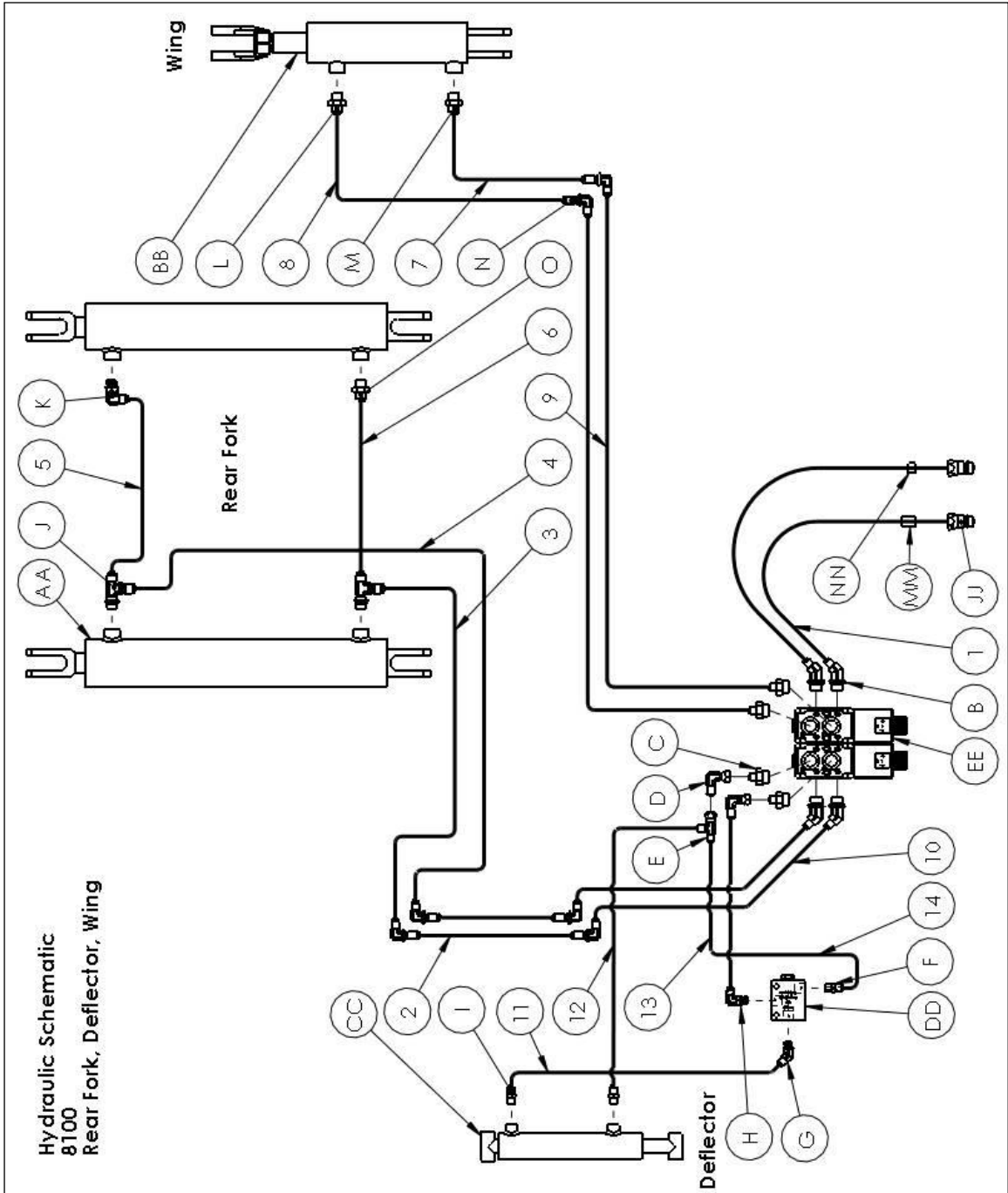
- BK - Black
- BR - Brown
- W - White
- G - Green
- Y - Yellow

- 1 - Ground
- 2 - Clearance
- 3 - Left Turn
- 4 - Elec. Brakes
- 5 - Right Turn
- 6 - Tail/Running
- 7 - Auxiliary

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± 1/16 DECIMAL ± .0005 HOLE PLACES DECIMAL ± .01 THREE PLACE DECIMAL ± .006		DRAWN CHECKED NAME BURLA, Nicholas DATE 2/27/2012	BRIDGEVIEW TITLE: Bale King 8100 Writing Diagram Trailer Plug
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Hydraulic Components

#	DESCRIPTION	PART #
AA	Hydraulic Cylinder - Rear Forks	21717
	* Seal Kit	20807
	* Stopper Kit	21860
BB	Hydraulic Cylinder - Wing	17443
	* Seal Kit	17609
CC	Hydraulic Cylinder - Deflector	21711
	* Seal Kit	23738
DD	Pilot-operated Check Valve	19114
EE	Diverter Valve	11743
	* Nut & O-Ring	17977
	* Magnet	11789
	* Stack Kit	12895
FF	Hydraulic Motor - Agitator (8" Long)	25872
	* Seal Kit	25891
GG	Flow Divider Valve (4-1/4" Deep)	25778
HH	Hydraulic Motor - Agitator (6-1/2" Long)	21720
	* Seal Kit	22820
II	Flow Divider Valve (2-1/4" Deep)	23368
JJ	Pioneer Tip, 8FB	17379
KK	Hose Marker, Long Red	20791
LL	Hose Marker, Short Red	20790
MM	Hose Marker, Long Blue	18497
NN	Hose Marker, Short Blue	18141

A	Adaptor, 12MB-8MJ	25937
B	Adaptor, 10MB-6MJ45	22722
C	Adaptor, 10MB-6MJ	11739
D	Adaptor, 6MJ-6FJX90	12162
E	Adaptor, 6FJXR-6MJT	15760
F	Adaptor, 6MB-6MJ	10162
G	Adaptor, 6MB-6MJ45	10216
H	Adaptor, 6MB-6MJ90	10201
I	Adaptor, 6MB-6MJ Orifice (1/32")	17436
J	Adaptor, 8MBR-8MJT	22159
K	Adaptor, 8MB-6MJ90	10200
L	Adaptor, 8MB-8MJ	10561
M	Adaptor, 8MB-8MJ Orifice (1/32")	10562
N	Adaptor, 6MJ-6MJBH90	10187
O	Adaptor, 8MB-6MJ	11740
P	Adaptor, 10MB-8MJ	10161

NOTE: Quantities vary depending on machine set-up. Order as required.



Hydraulic Hoses

#	DIAM.	LENGTH	ENDS
1	3/8"	125" OAL	6FJX-8MB
2	3/8"	79.5" OAL	6FJX-6FJX
3	3/8"	35.5" OAL	6FJX-8FJX
4	3/8"	57.5" OAL	6FJX-8FJX
5	3/8"	78" OAL	6FJX-8FJX90
6	3/8"	33.5" OAL	6FJX-8FJX
7	3/8"	48" OAL	6FJX-8FJX90
8	3/8"	57" OAL	6FJX-8FJX90
9	3/8"	45" OAL	6FJX-6FJX90
10	3/8"	8.75" OAL	6FJX-6FJX
11	1/4"	20" OAL	6FJX-6FJX90(2.88)
12	1/4"	24" OAL	6FJX-6FJX90(2.88)
13	1/4"	19" OAL	6FJX-6FJX90
14	1/4"	13" OAL	6FJX-6FJX
15	1/2"	92" OAL	8FJX-8MB
16	3/8"	17.25" OAL	6FJX-6FJX90
17	3/8"	11.25" OAL	6FJX-6FJX90
18	3/8"	13.5" OAL	6FJX-6FJX
19	3/8"	8.5" OAL	6FJX-6FJX
20	3/8"	9.25" OAL	6FJX-6FJX

NOTE: Quantities vary based on machine set-up. Hoses are not available for sale. Use the information above to have replacement hoses made up locally.



NOTES

A series of horizontal dashed lines providing a space for handwritten notes.

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