



Walkabout
MOTHER BINS™

OPERATOR & PARTS MANUAL



Walkabout Mother Bin

4000+ Eastern Grey

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Introduction



CONGRATULATIONS on your choice of a Walkabout Mother Bin to complement your farming operation. The Walkabout Mother Bin (WMB/Walkabout) is an important piece of farm equipment that has the ability to dramatically increase your harvest productivity. The WMB is the missing link between the grain cart and the trucks. It allows combines to keep moving in the event of any delays in the grain delivery chain. The WMB is totally mobile once unloaded and able to move from field to field as harvest progresses. Use this manual as your first source of information about this machine.

Safe, efficient, trouble free operation of your Walkabout Mother Bin requires that anyone who will be operating or maintaining it, read and fully understand the manual. This is to ensure that the operator has the knowledge to understand; Safety, Operation, Maintenance and Troubleshooting information contained within this manual.

Keep this manual handy for frequent reference and to pass on to new operators or owners.

USA Kangaroo, LLC is constantly working to improve its products. We reserve the right to make improvements or changes to subsequent models, with no obligation to make these changes or addition to previous models.

OPERATOR ORIENTATION - The directions left, right, front and rear, as mentioned throughout the manual, are as seen from the tractor driver's seat and facing in the direction of travel.

1.1 GENERAL SAFETY INFORMATION**IMPORTANT**

It is required that anyone towing, operating or maintaining this bin read and understand this manual and the other manufactures manuals supplied with the bin.

Walkabout Mother Bin owners must give operating instructions to operators or employees before allowing them to operate the Walkabout Mother Bin, and at least annually thereafter per OSHA regulation 1928.51.

This manual was written specifically for the safe operation and maintenance of this bin. There are references to other manufactures manuals supplied with this bin for their components used on this bin.

The most important safety device on this equipment is a SAFE operator. It is the operator's responsibility to read and understand ALL Safety and Operating instructions in the manual and to follow these. All accidents can be avoided.

A person who has not read and understood all operating and safety instructions is not qualified to operate the machine. An untrained operator exposes himself and bystanders to possible serious injury or death.

Your safety and the safety of others depends on the proper and safe use of this machine. Environmental and work situation may change and may not be covered in this manual. Any use or operation of this machine not covered in this manual is at the sole discretion and responsibility of the operator.

Do not modify or alter or permit anyone else to modify or alter this bin or any of its components without the written authorization from USA Kangaroo LLC.

Unauthorized modification may impair the function and/or safety and could affect the life of the equipment.

Think **SAFETY!** Work **SAFELY!**

1.2 SAFETY ALERT SYMBOL

This safety alert symbol is used to denote possible danger; care should be taken to prevent bodily injury. When you see this symbol it means:

ATTENTION! BE ALERT! And/or YOUR SAFETY IS INVOLVED!

⚠ WARNING

Safe practices must be followed when working on or operating this equipment. All personnel involved must:

- Read and understand the instructions and manuals for this machine.
- Be instructed in the safe use of pumps, motors and nozzles in the operations of this equipment.
- Clear the area of all personnel not involved in the operations of this machine.

1.3 SAFETY DECALS

Safety decals are used to identify and communicate the potential for personal injury hazards. The appropriate safety decal for each safety message is chosen based on the following guidelines:



Indicates an imminently hazardous situation. Failure to heed these warnings will result in serious injury or death.



Indicates a potentially hazardous situation. Failure to heed these warnings could result in serious injury, death, structural damage or collapse of tank.



Indicates a potentially hazardous situation that, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.



Indicates instructions that will prevent damage to the equipment.



Used to highlight important statements that assist the reader.

1. Keep safety decals clean and legible at all times.
2. Replace safety decals that are missing or have become illegible.
3. Replace parts that displayed a safety decal should also display the current decal.
4. Safety decal are available from your dealer parts department or the factory.

How to install safety decals:

NOTE: See section 1.12 SAFETY DECAL LOCATIONS for the correct location and positioning of the decals.

1. Be sure that the installation area is clean and dry.
2. Be sure the temperature is above 50°F (10°C).
3. Decide the exact position of the split backing paper.
4. Remove the smallest portion with the exposed adhesive backing in place.
5. Slowly peel back the remaining paper and carefully smooth the remaining portion of the decal in place.
6. Small air pockets can be pierced with a pin and smoothed out using the piece of decal backing paper.

1 SAFETY

1.4 GENERAL SAFETY

1. Read and understand the Operator's Manual and all safety signs before operating, maintaining or adjusting the Walkabout Mother Bin.
2. Install and properly secure all shields and guards before operating.
3. Use hitch pin with a mechanical locking device.
4. Have a first-aid kit available for use should the need arise and know how to use it.
5. Have a fire extinguisher available for use should the need arise and know how to use it.



6. Wear appropriate protective gear. This list includes but is not limited to:

- A hard hat
- Protective shoes with slip resistant soles
- Protective glasses or goggles
- Heavy gloves
- Wet weather gear
- Hearing protection
- Respirator or filter mask



7. Clear the area of people, especially small children, and remove foreign objects from the machine before starting and operating.
8. Keep hands, feet, hair and clothing away from all moving and/or rotating parts.
9. Do not allow riders on the Walkabout Mother Bin or tractor during operation or transporting.
10. Do not operate machine on steep side hills or slopes.
11. Be careful when working around or maintaining a high-pressure hydraulic system. Ensure all components are tight and in good repair before starting.
12. Clean all reflectors, lights and the SMV sign before transporting on a highway or public road. Be sure to check with local highway authorities and comply with their lighting requirements
13. Review safety related items with all operators annually.
14. Stop tractor engine, set park brake, remove ignition key and wait for all moving parts to stop before servicing, adjusting, repairing or unplugging.

1.5 MAINTENANCE SAFETY

1. Review the Operator's Manual and all safety items before working with, maintaining or operating the Walkabout Mother Bin.
2. Stop the tractor engine, set park brake, remove ignition key and wait for all moving parts to stop before servicing, adjusting, repairing or unplugging.
3. Keep hands, feet, clothing and hair away from all moving and/or rotating parts.
4. Clear the area of bystanders, especially children, when carrying out any maintenance and repairs or making any adjustments.
5. Do not work on vertical auger middle bearing unless the auger is securely resting in the travel position.
6. Place safety stands or large blocks under the frame before removing tires or working beneath the machine.
7. Be careful when working around or maintaining a high-pressure hydraulic system. Wear proper eye and hand protection when searching for a high pressure hydraulic leak. Use a piece of wood or cardboard as a backstop when searching for a pinhole leak in a hose or a fitting.
8. Always relieve pressure before disconnecting or working on hydraulic system.

1.6 HYDRAULIC SAFETY

1. Always place all tractor hydraulic controls in neutral before dismounting.
2. Make sure that all components in the hydraulic system are kept in good condition and are clean.
3. Replace any worn, cut, abraded, flattened or crimped hoses and metal lines.
4. Do not attempt any makeshift repairs to the hydraulic lines, fittings or hoses by using tape, clamps or cements. The hydraulic system operates under extremely high-pressure. Such repairs will fail suddenly and create a hazardous and unsafe condition.
5. Wear proper hand and eye protection when searching for a high-pressure hydraulic leak. Use a piece of wood or cardboard as a backstop instead of hands to isolate and identify a leak.
6. If injured by a concentrated high-pressure stream of hydraulic fluid, seek medical attention immediately. Serious infection or toxic reaction can develop from hydraulic fluid piercing the skin surface.
7. Before applying pressure to the system, make sure all components are tight and that lines, hoses and couplings are not damaged.

Think SAFETY! Work SAFELY



1 SAFETY

1.7 TRANSPORT SAFETY

SAFETY is important when operating the Walkabout Mother Bin in the field / yard or on the road.

1. Beware of overhead power lines. Know the transport height and width of the machine.
2. Check with local authorities regarding machine transport on public roads. Obey all applicable laws and regulations.
3. Always travel at a safe speed. Use caution when making corners or meeting traffic. The Mother Bin is very large and heavy and will effect the towing vehicle during transport.
4. Make sure the SMV (Slow Moving Vehicle) emblem and all the lights and reflectors that are required by the local highway and transport authorities are in place, are clean and can be seen clearly by all overtaking and oncoming traffic.
5. Keep to the right and yield the right-of-way to allow faster traffic to pass. Drive on the road shoulder, if permitted by law.
6. Always use hazard warning flashers on tractor when transporting unless prohibited by law.
7. Always use a pin with provisions for a mechanical retainer and a safety chain when attaching to a tractor or towing vehicle
8. Never drive while impaired by alcohol, drugs or medications.



1.8 TIRE SAFETY

1. Failure to follow proper procedures when mounting a tire on a wheel or rim can produce a blowout which may result in serious injury or death.
2. Do not attempt to mount a tire unless you have the proper equipment and experience to do the job.
3. Have a qualified tire dealer or repair serviceman perform required tire maintenance.
4. Always maintain the correct tire pressure. Never over inflate the tires.
5. Inspect the tires daily. Never operate the machine with low pressure, cuts, bubbles, damaged rims or missing lug bolts or nuts.

1.9 SAFETY WARNINGS

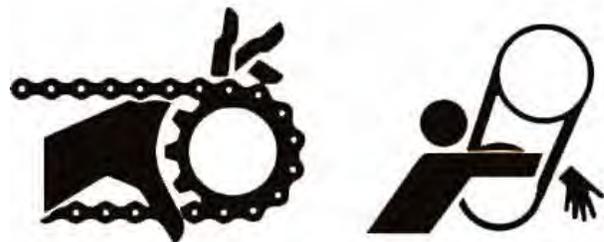
⚠ DANGER - SUFFOCATING

Extreme danger of suffocating exists while loading or unloading your Walkabout Mother Bin.



⚠ DANGER - ROTATING CHAIN OR BELT

Extreme Danger of amputation exists around rotating chains and sprockets. Keep fingers, hair, loose clothing etc. clear of moving parts.



⚠ DANGER - ROTATING PARTS

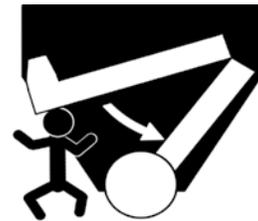
Extreme Danger of death or amputation exists around rotating PTO components. Keep fingers, hair, loose clothing etc. clear of moving parts.

**⚠ DANGER - MOVING AUGER**

Extreme danger of death or amputation exists around rotating augers. Keep fingers, hair, loose clothing, etc. clear of moving parts.

**⚠ DANGER - CRUSHING WARNING**

Danger of crushing exists when auger is moving to lowered position. Keep clear of area around auger.

**⚠ DANGER - NO RIDERS**

Under no circumstances should this machine ever have riders. Keep all bystanders, especially children, clear of this machine during use.

CAUTION!
Do not allow
riders on
machine
during
operation!

**⚠ DANGER - PINCHING DANGER**

Danger of crushing exists when the auger is unfolded. Keep all bystanders clear of the area.



1 SAFETY

1.10 OPERATIONAL SAFETY

The following safety items are for the safe operation of the Walkabout Mother Bin during loading and unloading.

Failure to meet or exceed any of the following safety procedures will result in damage to the bin, towing vehicle, other vehicles, property damage as well as serious injury or death.

-  Wear approved protective clothing, gloves respiratory or filter mask and eye wear.
 - Prolonged or repeated contact with grain dust can cause eye and respiratory irritation. Repeated exposure can cause permanent damage.
-  Be sure the tow vehicle is in PARK, the park brake set and remove the key from the ignition.
 - Use wheel chocks in front and behind the wheels before operating the Mother Bin.
-  Keep the area around the Mother Bin clear of all personnel except the operator.
-  **Do not** fill or operate the bin around open flames, lit cigars or cigarettes, sparks or combustible surfaces (hot mufflers or heating coils).
-  **Do not** leave the Mother Bin unattended when filling or unloading.

1.11 STORAGE SAFETY

1. Do not allow children to play around or on the machine.
2. Park the machine on a level surface and chock the wheels.
3. Be sure the jack is in the vertical position with the locking pin in place before disconnecting from the tractor.

WARNING: Failure to have the hitch jack secured in the vertical position can cause serious injury if the hitch falls when disconnected from the tractor.

1.12 SAFETY SIGN-OFF FORM

Following the general Safety Standards specified by the American Society of Agricultural Engineers (ASAE) and the Occupational Safety and Health Administration (OSHA). Anyone who will be operating and/or maintaining the Walkabout Mother Bin must read and clearly understand ALL Safety, Operating and Maintenance information presented in this manual.

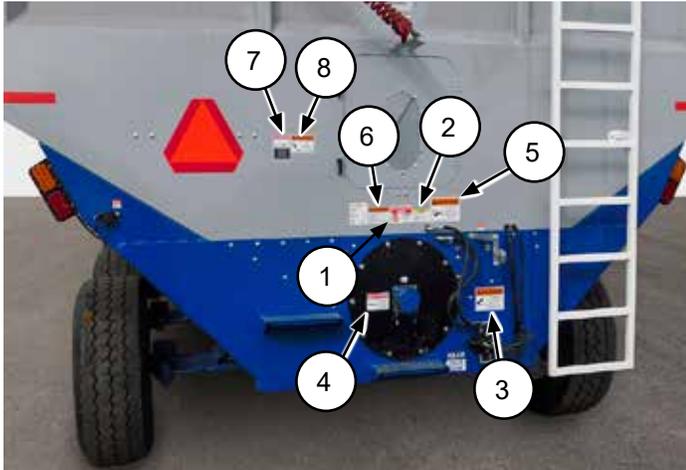
Do not operate or allow anyone else to operate this equipment until such information has been reviewed. Annually review this information before the season start-up.

Make these periodic reviews of SAFETY and OPERATION a standard practice for all of your equipment. We feel that an untrained operator is unqualified to operate this machine.

A sign-off sheet is provided for your record keeping to show that all personnel who will be working with the equipment have read and understand the information in the Operator's Manual and have been instructed in the safe operation of the equipment.

1 SAFETY

1.12 SAFETY DECAL LOCATIONS



Decal Locations



1. Restricted Area



2. Tarp Closed



3. WARNING: High Pressure Fluid



4. DANGER: Rotating Shaft Hazard



5. WARNING: Turning Auger



6. WARNING: Read Operators Manual, Stop Engine



7. DANGER: Never play in or on the Grain



8. WARNING: No Riders Permitted



Decal Location



9. SAFETY INSTRUCTIONS: Check Tire Pressure



Decal Location

1 SAFETY



10. DANGER: Rotating Shaft Hazard



Decal Locations



11. WARNING: Rising or Falling Tongue



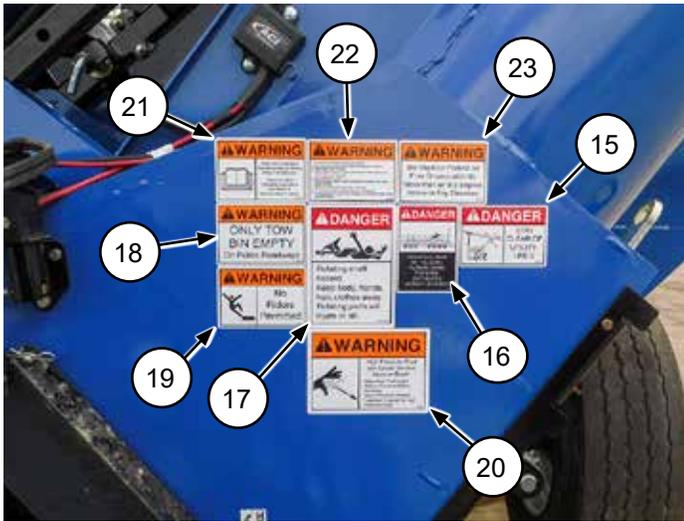
12. WARNING: Use Safety Chains



13. Safety Instructions



14. WARNING: Using articulated or tracked tractors.



Decal Locations



15. DANGER: Stay clear of Utility Lines



16. DANGER: Never Play in or on Grain



17. DANGER: Rotating Driveline



18. WARNING: Only Tow Bin Empty



19. WARNING: No Riders Permitted

1 SAFETY



20. WARNING: High Pressure Fluid



21. WARNING: Read Operations Manual



22. WARNING: Read Operator's Manual, Stop Engine



23. WARNING: Bin Must be Parked on Firm Ground



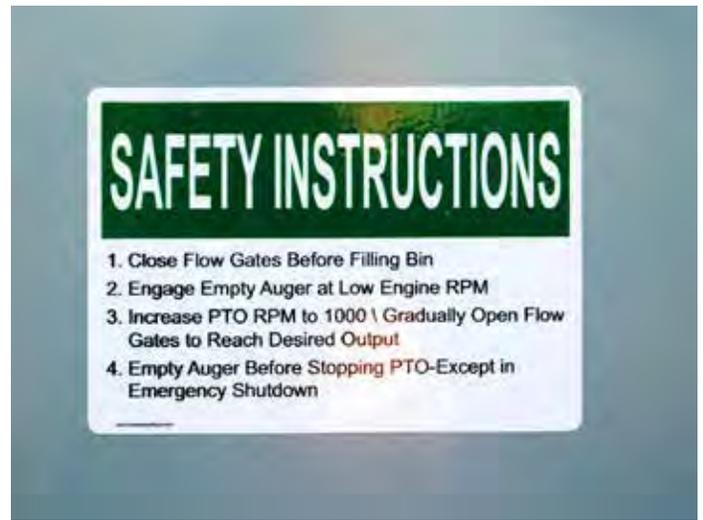
24. WARNING: Using articulated or tracked tractors



Decal Locations



25. DANGER: Crush Hazard from Auger



26. SAFETY INSTRUCTIONS



Decal Locations



27. WARNING: Maximum Cornering Speed



28. WARNING: Maximum Transportation Speed

1 SAFETY



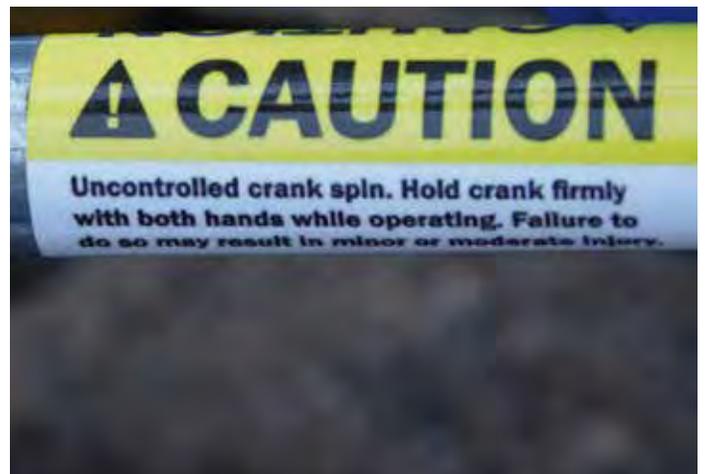
Decal Locations



29. SAFETY INSTRUCTIONS

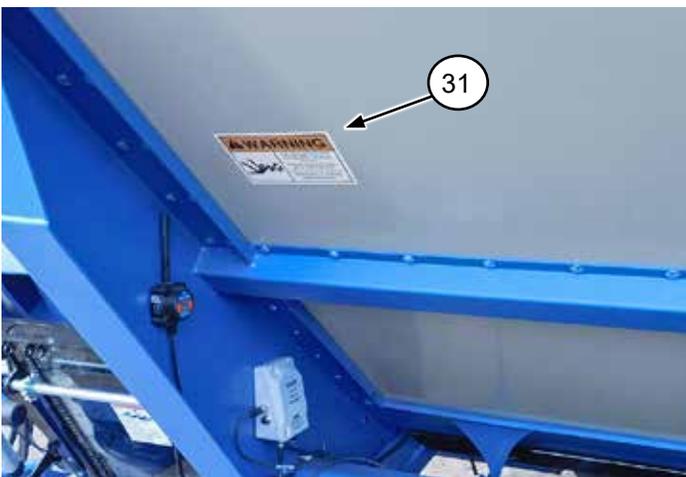


30. DANGER: Crush Hazard from Auger.



Decal Location: On Tarp Crank

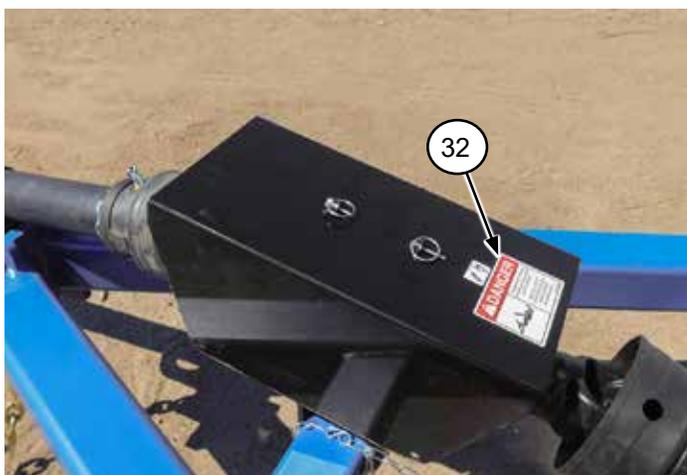
CAUTION: Uncontrolled crank spin. Hold crank firmly with both hands while operating. Failure to do so may result in minor or moderate injury.



Decal Locations



31. WARNING: Turning auger and other moving parts



Decal Locations



32. DANGER: Entanglement in rotating driveline

2.1 TO THE NEW OPERATOR OR OWNER

The Walkabout Mother Bin is designed to be in-field short term grain storage. It holds grain in the field supplied from a combine or grain cart. This operation is to be done stationary and it is to remain stationary until unloaded below 30%. NEVER tow the Bin loaded over 30% . If the Mother Bin is under 30% loaded it can be moved in the field on level ground at speeds of up to 2 MPH (3.6 KM/H).

It is the responsibility of the owner or operator to read this manual carefully to learn how to operate the machine safely, and how to set it to provide maximum efficiency. Safety is everyone's business. By following safe operating practices, a safe environment is provided for the operator and bystanders.

The manual will take you step-by-step through the operation of the machine. By following the operating instructions in conjunction with a good maintenance program your machine will provide many years of trouble-free service.

2.2 PRINCIPLES OF OPERATION

The Walkabout Mother Bin can hold up to 4000 bushels of grain in the field. The augers are driven by PTO. The unloading auger flow is controlled by a hydraulically actuated gate inside the bin.

2.3 OPERATING SAFELY

1. Read and understand the Operator's Manual before starting.
2. Stop engine, place all controls in neutral, set park brake and remove ignition key before servicing, adjusting or repairing.
3. Keep hands, feet, hair and clothing away from all moving and/or rotating parts.
4. Do not allow riders.
5. Clear the area of bystanders, especially small children.
6. Stay well back from machine when operating. Keep others away.

2.4 BREAK-IN

Although there are no operational restrictions on the Walkabout Mother Bin when it is new, there are some mechanical checks that must be done to ensure the long term integrity of the unit. When using the machine for the first time, follow this procedure:

IMPORTANT

It is extremely important to follow all of the Break-In procedures especially those listed in the "Before using" and "After operating for two hours" sections below to avoid damage

Before using:

1. Read Safety Information in the Operator's Manual.
2. Complete steps in "Pre-Operation Checklist".
3. Lubricate all grease points.
4. Check all bolts for tightness. Torque $\frac{3}{4}$ " wheel nuts to 450 ft.-lbs. **Improper wheel torque is NOT covered under warranty.**
5. Check tires. Inflate to 100 PSI (690 KPA).

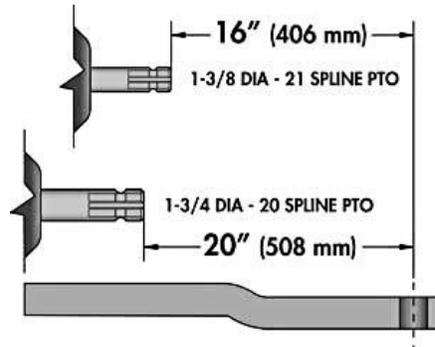
After operating for 2 hours:

1. Check all hardware. Tighten as required.
2. Check all hydraulic system connections. Tighten if any are leaking.

2.5 PTO AND HITCH SETTINGS

IMPORTANT

Be sure to set tractor drawbar to appropriate distance shown. Failure to do so can result in driveline damage.



IMPORTANT

Do not use on a tractor equipped with a PTO shaft adapter to prevent mismatching of PTO speeds and over telescoping of the driveline.

Apply Moly type grease to PTO shaft before connecting. Ensure connection is secured and locked in. Do not force coupler onto Tractor PTO outlet, or damage may occur. Check the length of the telescoping members to insure the driveline will not bottom out or separate when turning and negotiating various terrain.



2.6 PRE-OPERATION CHECKLIST

IMPORTANT

It is important for both personal safety and maintaining the proper mechanical condition of the machine that this pre-operational checklist must be followed.

Before operating the machine and each time thereafter, the following areas should be checked off:

1. Lubricate the machine per the schedule outlined in the "Maintenance Section"
2. Use only a tractor with adequate power to pull the Walkabout Mother Bin under ordinary operating conditions. Minimum: 250 HP (188 KW) and 20,000 lb (9072 Kg) minimum vehicle weight.
3. Use only a tractor equipped with 1000 RPM PTO. Set drawbar distance to correct setting as shown:
 - 16" (406 mm) - 1-3/8 DIA - 21 Spline
 - 20" (508 mm) - 1-3/4 DIA - 20 Spline

IMPORTANT

Do not use on a tractor equipped with a PTO shaft adapter to prevent mismatching of PTO speeds and over telescoping of the driveline.

2 OPERATION

- When connecting the PTO to a tractor, check the distance from end of PTO output shaft to center of drawbar pin hole.
- Ensure that the machine is properly attached to the tractor using a drawbar pin with provisions for a mechanical retainer. Make sure that a retainer such as a Klik pin is installed.

NOTE: It is important to pin the draw bar in the central location only.

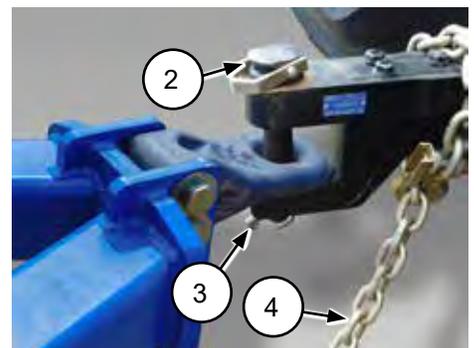
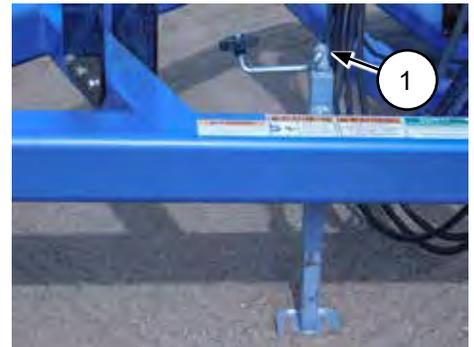
- Tires are shipped from factory at only 70 PSI (480 kPa) for ease of towing. **Inflate to 100 PSI (690 kPa) before using.**
- Ensure that a safety chain on the hitch is installed.
- Check oil level in the tractor hydraulic reservoir. Add fluid if required.
- Inspect all hydraulic lines, hoses, fittings and couplers for tightness. Tighten if there are leaks. Use a clean cloth to wipe any accumulated dirt from the couplers before connecting to the tractor's hydraulic system.

2.7 CONNECTING TO THE TRACTOR

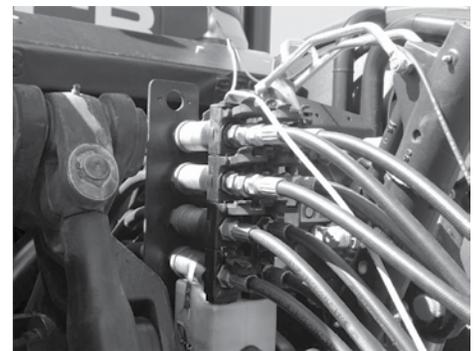
IMPORTANT

The Walkabout Mother Bin should always be parked on a level, dry area that is free of debris and foreign objects. Follow this procedure to connect the bin to the tractor.

- Clear the area of bystanders and remove foreign objects from the machine and working area.
- Make sure there is enough room to back the tractor up to the bin hitch.
- Start the tractor and slowly back it up to the hitch point.
- Stop the tractor engine, place all controls in neutral, set park brake and remove ignition key before dismounting.
- Use the bin jack (1) to raise or lower the hitch to align with the drawbar.
- Install a drawbar pin (2) with provisions for a mechanical retainer (3) such as a KLIK pin. Install the retainer. The WMB is equipped standard with a single tang hitch and must only be used with a clevis-type tractor draw-bar. 1- $\frac{3}{4}$ " or 2" pin must be used.
- Install a safety chain (4) between the tractor and the hitch.



8. Connect PTO shaft to tractor. Check the length of the telescoping members. See section 2.5 PTO and Hitch Settings in this chapter for correct lengths and clearance.
9. Connect the hydraulics. To connect, proceed as follows:
 - Use a clean lint-free towel to clean the couplers on the ends of the hoses. Also clean the area around the tractor outlets. Remove the plastic plugs from the couplers and insert the male ends. All hydraulic hoses are marked according to their function and the direction of travel.
 - Be sure to match the pressure and return line to one valve bank.
 - The fifth slot (5) is for the discharge chute rotation hoses.

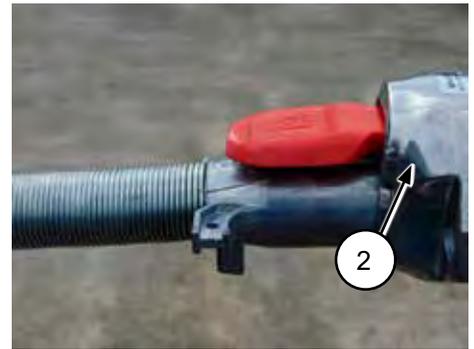
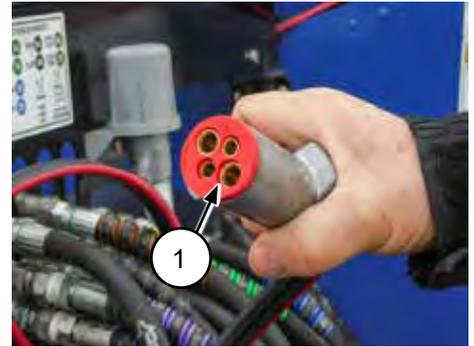


10. Install the bin light connector on the tractor.
 - The connector requires a standard seven terminal female receptacle.



2 OPERATION

11. Install the 4-pin tarp power connector (1) to the tractor receptacle (2).



12. Raise the hitch jack (6) and rotate it 90° to place in its stowed position.



13. When disconnecting from the tractor, reverse the above procedure.

2.8 TOWING THE BIN**IMPORTANT**

Be sure the bin is properly set up as described in 2.6 PRE-OPERATION CHECKLIST. Be sure the bin is properly connected as described in 2.7 CONNECTING TO THE TRACTOR.

1. The PTO controller must be in the **OFF** position.
2. The unloading auger must be folded in the stored position.



3. All hydraulic leavers must be in the neutral position.
4. The Walkabout Mother Bin will handle differently behind tow vehicles based on their size, tires and suspensions.

⚠ DANGER

It is not recommended to use a tracked or articulating tractor. The steering will cause the bin to become unsafe when towing.

5. When towing the Mother Bin the following procedures must be followed.

⚠ DANGER

DO NOT use rear steering above 3 mph. Failure to do so can cause bin to steer into oncoming traffic or ditch, causing injury or death.

IMPORTANT

Regularly check if the steering indicator matches the rear steering.

- Travel at a safe speed. Traffic can be a major factor affecting a safe operating speed.
 - Road conditions can affect the Mother Bin and tow vehicle handling. Reduce speed if any environmental or weather conditions inhibit traction or visibility.
 - The bin will increase the distances require to stop, safely follow, turn or maneuver.
6. **Do not** make sudden movement, braking, accelerating, turning or changing lanes. The sudden movement of the tow vehicle can cause the bin to shift and cause the bin or tractor to become unstable which can cause a hazard to property, injuries or death.
 7. Park the tow vehicle and bin on level ground as close to the equipment to be filled or emptied as safely as possible.
 8. Allow space around the Mother Bin for vehicles to enter and exit when filling the bin or being emptied.
 9. Set the park brake, turn the tow vehicle engine OFF and remove the key from the ignition switch.

2 OPERATION

2.9 LOADING

⚠ DANGER



Flowing grain traps and suffocates victim in seconds! Victim can die in seconds in flowing grain!

⚠ DANGER

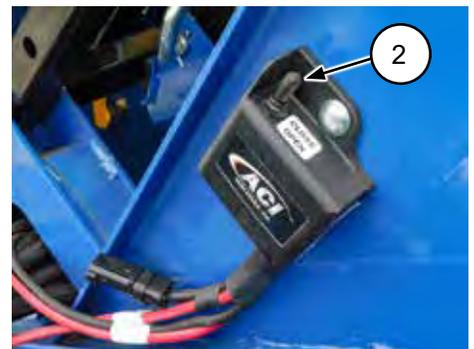
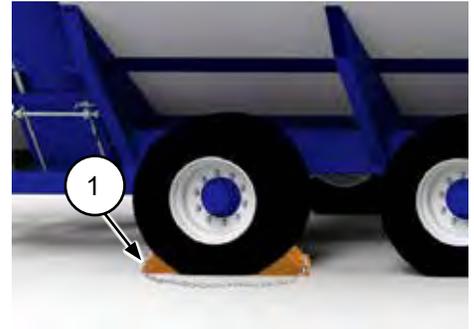
Exercise extreme caution while setting, loading or unloading the Walkabout Mother Bin. The following dangerous situations exist: Drowning, rotating driveline, rotating auger and crushing or pinching due to moving pivot auger.

IMPORTANT

The instructions below must be followed for safe loading of the Walkabout Mother Bin

The Walkabout Mother Bin is designed to hold 4000 bushels of grain safely. Before loading, however, take the following precautions:

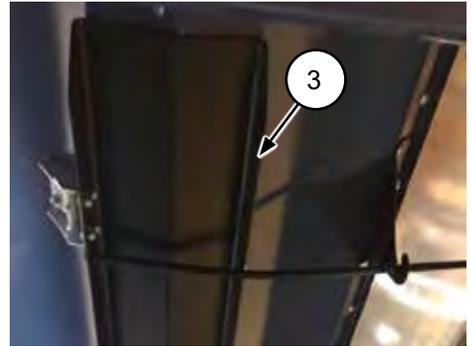
1. Ensure each tire is touching the ground for even transfer of weight to the axles. Park on level ground and check each wheel.
2. Wheel chocks (1) must be placed in front of and behind the front tires on both sides.
3. Clear immediate area of all bystanders.
4. Use the switch (2) on the front of the vertical auger to open the tarp.



NOTE: If the tarp is not connected to the tractor power receptacle, the tarp can be manually opened or closed with the crank provided. See the Agri-Cover manual provided to correctly connect the crank to the tarp.

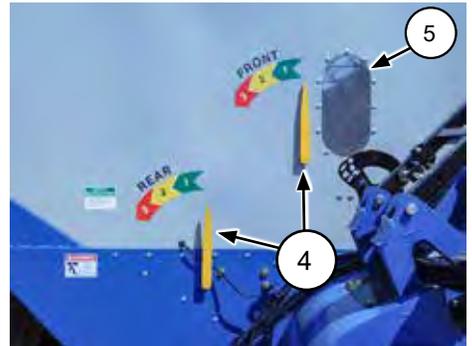


5. Be sure the clean out doors (3) are closed.



6. Be sure flow control gate is completely closed before filling.

- To close the flow control gate use the hydraulic lever in the tractor and watch the flow indicators (4) on the bin.



7. Grain flow into the bin and grain levels in the bin can be visually monitored through the windows (5) on the front and rear of the bin.

- If equipped, the amount of grain can be monitored with the optional cameras. See the Dakota Micro Inc. Overview Users Manual for correct operation of the system.
- The grain in the bin can also be monitored by weight if quipped with the scale option. See TOPCON Scale Link Control 2810 Operators Manual for the correct use of the scale option.

2 OPERATION

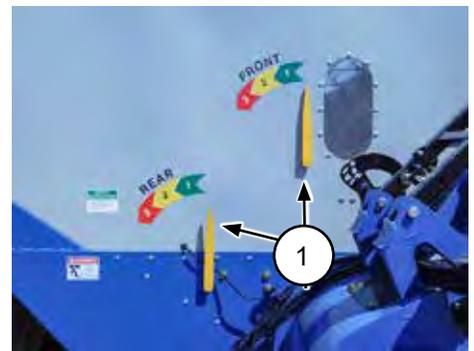
2.10 UNLOADING

Use the following procedure for unloading:

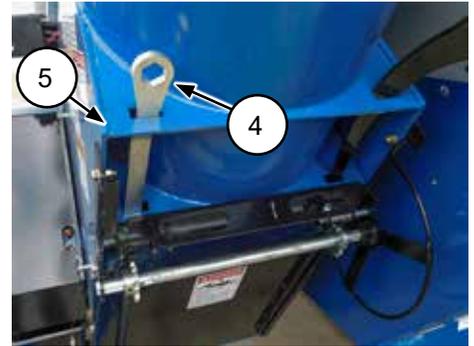
1. Unfold the vertical auger.
2. Position the truck under the auger as desired.
3. Make sure flow control gates (1) are closed.
4. Engage the PTO.
5. Commence unloading by opening flow control gates (2) to desired unload rate.
 - If augers are loaded before running and cannot start, it may be necessary to close off the flow control gate and allow some grain to pass through clean-outs (3) until the augers can start running.

IMPORTANT

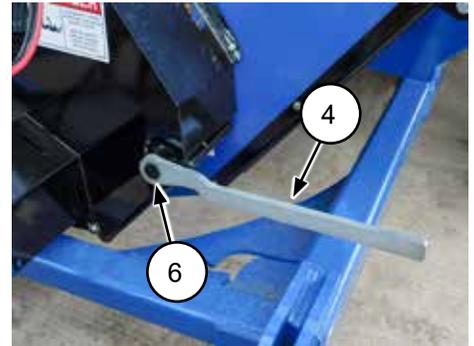
If unloading slows or stalls it may be due to overloading the augers. Lower flow control gates to ensure no damage to the machine occurs.



6. Remove the wrench (4) from the holder (5) on the vertical auger.



7. Use the wrench (4) to engage the belt tensioner (6) to start the auger.
8. If equipped, grain stuck in the bin can be dislodged by the optional vibrator system. See the Martin “Cougar” THD Vibrator Operator Manual provided for correct instructions to operate the vibrator.

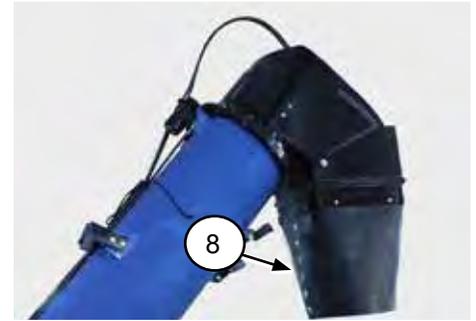


9. The amount of grain being unloaded or remaining in the bin can be monitored three ways:
 - Visually through the windows (7) on the front and rear of the bin.
 - Visually with the optional cameras. See the Users Manual for Dakota Micro Inc. provided with the option.
 - By weight with the scale option. See the Operators Manual for TOPCON Scale Link Control 2810 provided with the option.



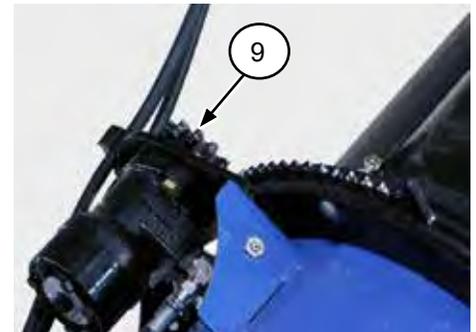
2 OPERATION

10. The spout (8) can be hydraulically tilted in and out or rotated (9) forward and backward from the cab of the tractor.



⚠ DANGER

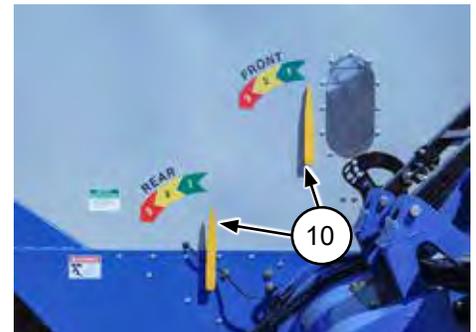
If it is necessary to enter the bin to dislodge grain the tractor **MUST BE** shut off and the key removed.



IMPORTANT

To avoid damage to the Walkabout Mother Bin and unloading auger, do not drive or transport with a fully loaded unloading auger. Always close flow control gate and allow auger to clean out if stopping auger during unloading.

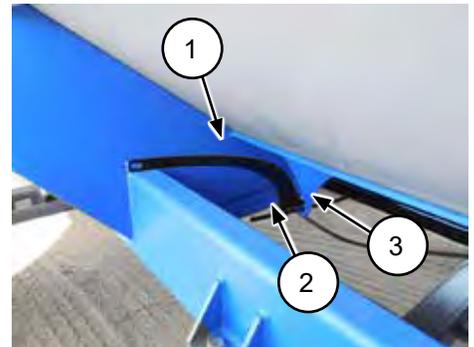
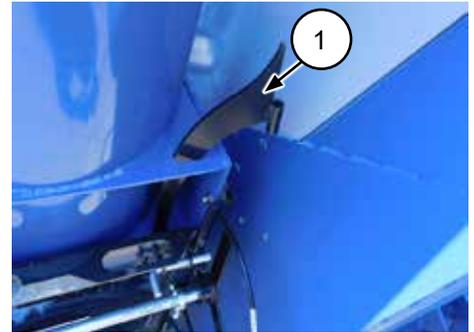
11. Close the flow control gates (10) and run out any grain remaining in the augers before shutting down the augers.



2.11 CLEAN-OUT OPERATION

Bin Auger

1. Remove the clean-out door lever extension handle (1) from the storage position by the vertical clean-out gate.
2. Install the handle (1) on the lever (2). Remove the clean-out door levers (2) from the close position bracket (3).



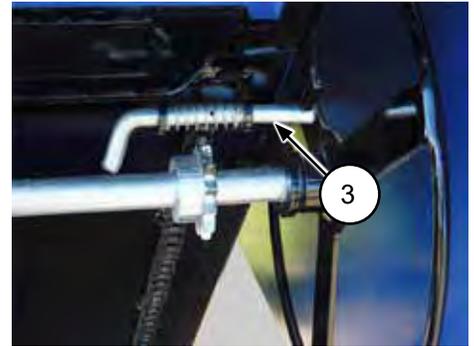
3. Completely open the door (2) and remove any grain from the auger.



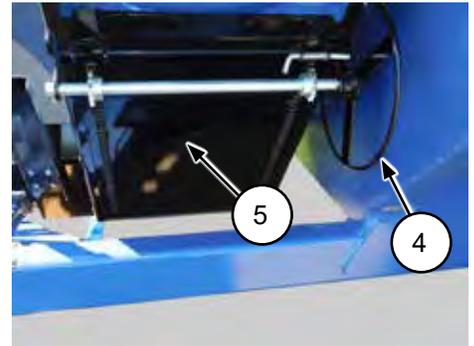
2 OPERATION

Vertical Auger

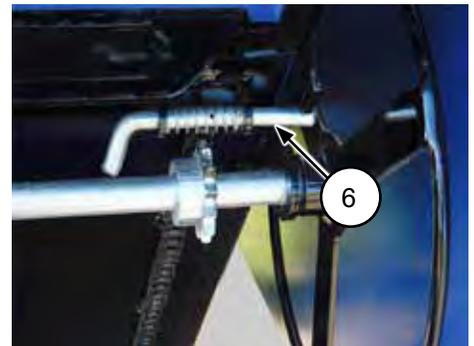
1. Pull back the lock pin (3).



2. Use the chain drive wheel (4) to lift the clean out door (5) to remove any remaining grain from the vertical auger.

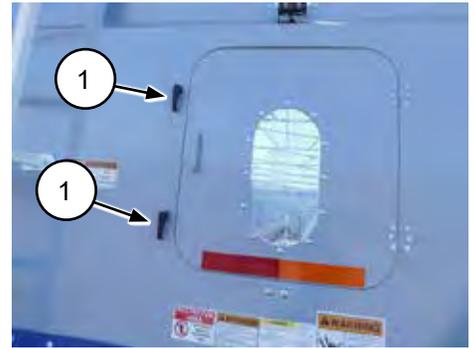


3. When the vertical auger is cleaned out, lower the door and secure in place with the lock pin (6).

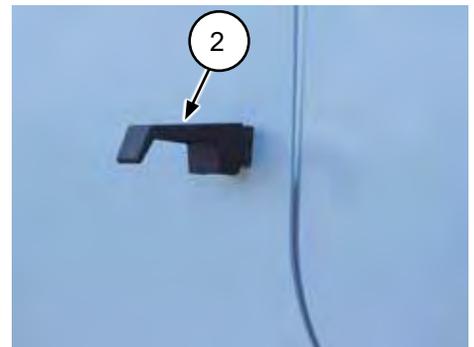


2.12 MANHOLE OPERATION

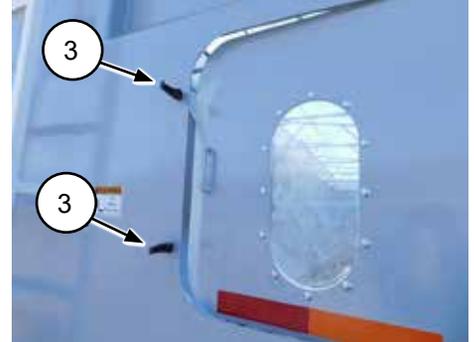
1. There are two cam latches (1) that secure the door.



2. Lift the latches (2) to release the tension on the door.



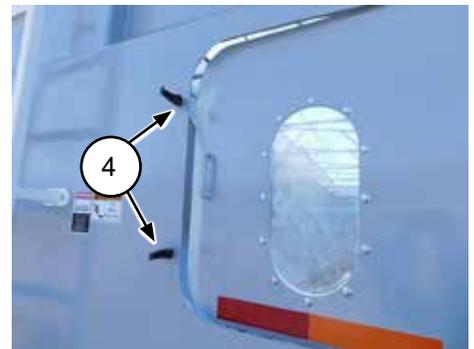
3. Turn the latches (3) 90 degrees counterclockwise to open the door.



⚠ DANGER

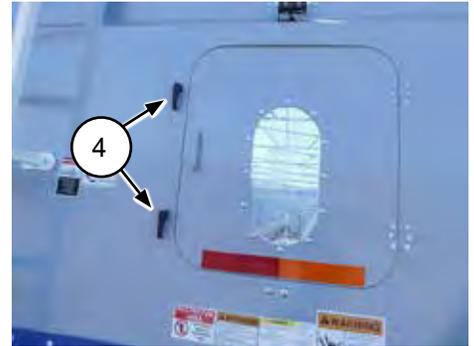
If the door is open, ALWAYS check the operator has exited the bin before locking the door.

4. To close the door, be sure the latches (4) are in the position shown. Pull the door shut and rotate the latches 90 degrees clockwise to engage the latches.



2 OPERATION

5. Press the latches (4) down to close and lock the door.



2.13 TARP OPERATION

The PVC tarp is made of 900gsm, heavy duty poly with high UV protection and has an expected life span of 10-15 years. Vents in each end of the bin are fitted so that the bin can be emptied without having to open the tarp. The tarp is opened and closed with the switch mounted on the front of the vertical auger.

IMPORTANT: Read the Agri-Cover manual provided with the bin for the correct installation of the power receptacle on the tractor. Test the receptacle for the required voltage stated in the manual before using the power tarp. The correct voltage is critical for the operation of the tarp.

NOTE: If power is not available to operate the tarp it can be manually opened and closed with the following steps.



1. Remove tarp handle from holder (1). See the Agri-Cover manual provided to correctly install the crank handle to the tarp.



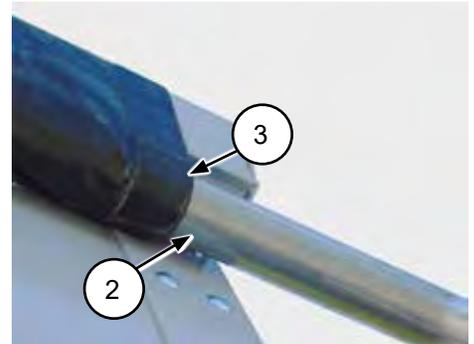
2. Position yourself to observe tarp operation and smooth control.



3. Close the tarp and lock it. Be sure to get the correct tension with the tarp rollers (2) in the lock position (3).

NOTE: See the Agri-Cover Operation Manual for correct tension and tarp closing procedure.

4. When finished place the crank back in the holder.



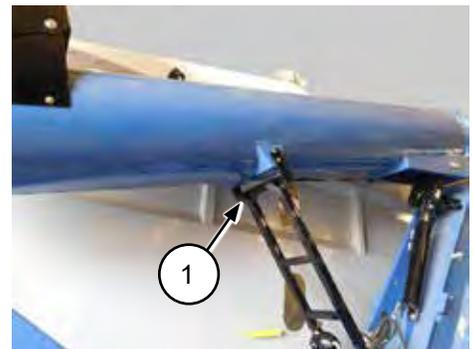
2.14 TRANSPORT AFTER OPERATION

IMPORTANT

- The Walkabout Mother Bin is designed for stationary in-field grain storage.
- The Walkabout Mother Bin is NOT to be used to carry grain out of the field, on roads or through uneven terrain.
- It is designed only to operate in-field and on even ground.

Refer to SPECIFICATIONS for weight, transport height and width.

1. Fold vertical auger and be sure it is seated completely in the support brace (1).



To completely fold the auger:

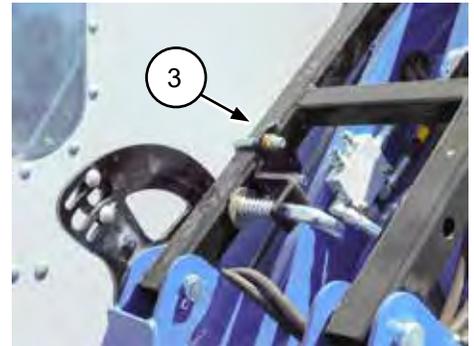
- Pull out the lock pin (2) on the auger stand.



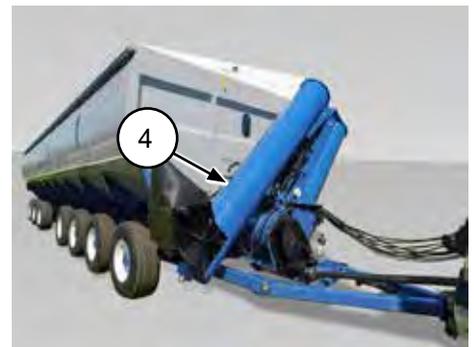
- Lay the auger stand (3) against the auger.

2 OPERATION

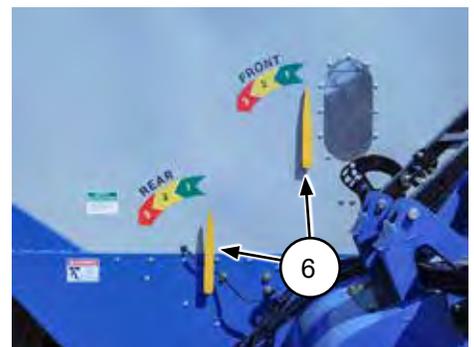
- Lower the auger (4) completely down.



2. Be sure the PTO is OFF. For safety from accidental activation, remove the PTO from the tractor and the Mother Bin.

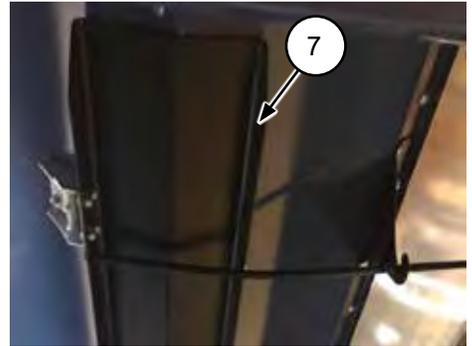


3. The flow control gates (6) **must be** closed.



4. The clean-out doors (7) **must be** closed.

5. Close the tarp. Be sure the tarp is completely closed before transporting the bin.



6. Inspect tires for any serious cuts or abrasions. If such has occurred, tire

should be replaced.

7. Clean the SMV sign, lights and reflectors before starting.
8. **Always** use hazard flashing lights on tractor.
9. Be familiar with and obey all local laws and regulations.
10. Travel at a safe speed. Maximum of 17mph (27kph)
11. Use extreme care when making corners or meeting traffic.



IMPORTANT

UNDER NO CIRCUMSTANCES SHOULD THERE EVER BE RIDERS WHILE THE WALKABOUT MOTHER BIN IS IN TRANSPORT.

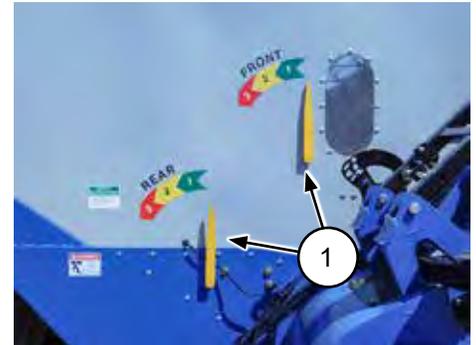
2 OPERATION

2.15 STEERING OPERATION

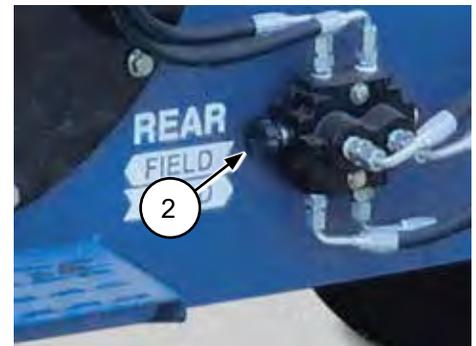
The walkabout Mother Bin is equipped with steering on all axles. The front axles will automatically steer in the direction of the towing vehicle. The rear axles steering can be controlled from the cab of the tractor by using the hydraulic lever that controls the rear flow control gates. Follow these procedures to control the steering axles.

Rear Steering

1. Close the front and rear flow control gates (1).



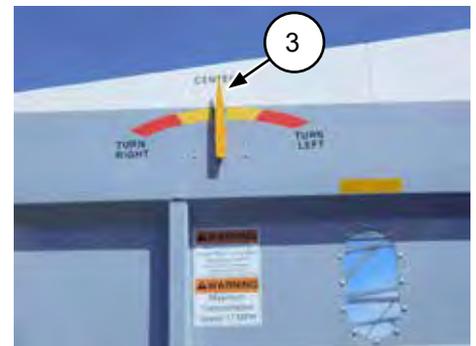
2. Pull the selector valve knob (2) out to ROAD.
 - The rear steering is now engaged through the hydraulic lever in the tractor that controlled the rear flow control gate.



IMPORTANT

Be sure the knob and attached spool are completely pulled out before operating the steering.

3. Move the hydraulic lever in the tractor slowly to verify which way the wheels turn when the lever is moved in both directions. The direction of travel is shown by the indicator (3) on the front of the bin.



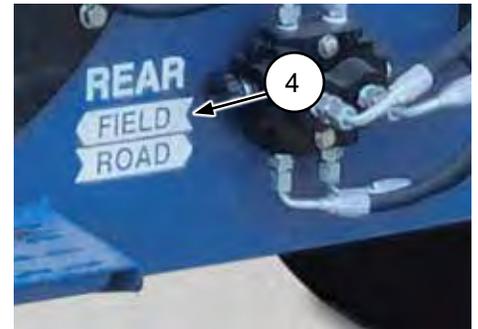
IMPORTANT

Regularly check if steering indicator matches rear steering.

⚠ DANGER

Do not move the hydraulic lever quickly. Test the reaction between the lever and the axles slowly until the operator feels comfortable with the steering reaction timing. The reaction timing of the steering can be adjusted by using the hydraulic flow control on the tractor. Failure to follow this procedure can cause a sudden movement of the Mother Bin and/or tractor which could cause damage to the equipment and/or injury to the operator.

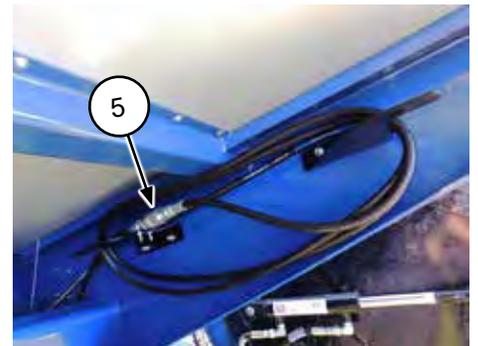
4. Walkabout Mother Bins recommends between 5% and 10% of hydraulic flow.
5. Upon arriving at destination, center the rear axles before pushing the selector knob (4) to FIELD.



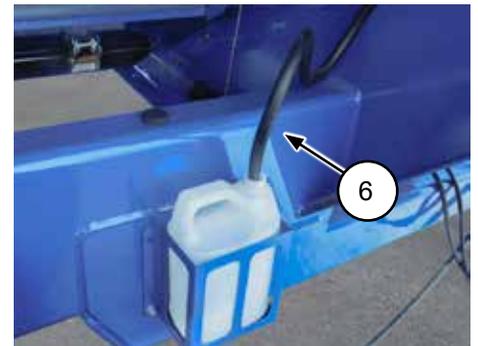
Front Steering

It is not usually necessary to change the front steering set up unless to control the direction of the bin when backing the bin.

1. With the front axles centered, remove the hydraulic coupler (5) and install on a tractor remote. After applying and holding hydraulic pressure the front axles are now locked in position. This provides better control when backing.

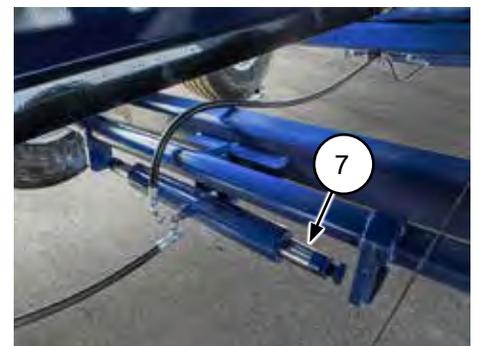


2. When finished positioning the Mother Bin remove the hose from the tractor. Install one end of the drain hose (6) provided in the overflow container as shown. Install the male coupler end of the drain hose on the bin coupler to relieve the pressure and retract the steering lock cylinders. Oil will flow from the drain hose (6) when the steering cylinders are retracted.



IMPORTANT: Be sure to check the oil level in the drain container to prevent overflow and spillage.

3. Be sure the pressure in the steering lock cylinders (7) is completely relieved before towing the bin.
4. Center the front axles. It may be necessary to leave the drain hose connected when first towing the bin. As the bin is turned the front axles may force more fluid from the steering lock cylinders.



When the cylinders are completely retracted remove the overflow hose from the bin coupler and the overflow container and replace the cap on the container. Store the overflow hose for use the next time the bin is backed up. Connect the pressure hose on the bin coupler (5).

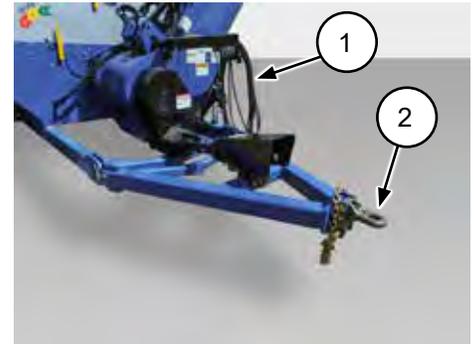
2 OPERATION

2.16 STORAGE

Since the unit can be used in extremely adverse conditions during the season, the machine should be carefully prepared for storage to ensure that all dirt, mud, debris and moisture has been removed.

Follow this procedure when preparing to store:

1. Wash the entire machine thoroughly using a water hose or pressure washer to remove all dirt, mud, debris or residue.
2. Inspect all parts to see if anything has become entangled in them. Remove the entangled material.
3. Lubricate all grease fittings to remove any moisture in the bearings.
4. Inspect all hydraulic hoses, fittings, lines and couplers. Tighten any loose fittings. Replace any hose that is badly cut, nicked or abraded or is separating from the crimped end of the fitting.
5. Touch up all paint nicks and scratches to prevent rusting.
6. Oil the exposed rams on the hydraulic cylinder to prevent rusting.
7. Open clean-outs to allow any moisture to escape and prevent freezing over winter. It is advisable to leave the clean-out doors open until bin is to be used again.
8. Close all the tarps.
9. Select an area that is dry, level and free of debris.
10. If length is an issue fold the hoses (1) back against the auger gearbox.
11. The front hitch (2) can now be folded up against the hoses. Secure the hitch to prevent it from coming down unexpected.



3 MAINTENANCE

3.1 MAINTENANCE CHECKLIST

1. Read Operator's Manual before servicing, or maintaining machine.
2. Stop tractor engine, set park brake and remove ignition key before servicing, adjusting repairing or maintaining.
3. Be careful when working around or maintaining a high pressure hydraulic system. Wear the proper hand and eye protection when searching for a pinhole leak in a hose or fitting.

3.2 MAINTENANCE SCHEDULE

- **First 2 Hours**
 - Check all hardware. Tighten as required.
 - Check all hydraulic connections. Tighten as required.
- **Daily**
 - Check tire pressure.
 - Check breakaway brake system.
 - Check hitch and safety chains.
 - Check gearbox oil level.
 - Check all hydraulic lines, hoses and fittings for leaks.
 -
- **Every 20 hour of Vibrated Operation**
 - Check bin body bolts for tightness.
- **Every 40 Hours or Weekly**
 - Grease all auger bearings
 - Grease PTO universals front and rear.
 - Check auger gearbox oil level
- **Every 200 Hours or Season**
 - Grease all auger bearings.
 - PTO universals -front and rear.
 - PTO telescopic slide.
 - Grease Folding Auger hinge pins and components.
 - Grease Axle Steering Pivots.
 - Grease Steering Indicator Needle.

1. Inspect the tires for unusual wear across the tread, damage to the sidewalls or any cracks in the tire tread or sidewalls.
If the tires need to be replaced the tire size is 425/65R 22.5 rated for 20,000 lbs. (9072 Kg).



2. Clean the area around the valve stem. Remove the cap on the valve stem and check the tire pressure. The pressure must be at 100 PSI (690 kPa).



3 MAINTENANCE

3. Check the wheel nuts for correct tightness. All wheel nuts must be at 450 - 500 ft-lbs.

IMPORTANT

Do not tighten over 90 lb ft (122 N•m). This can cause too much stress and wheel bolts could break under operating conditions.



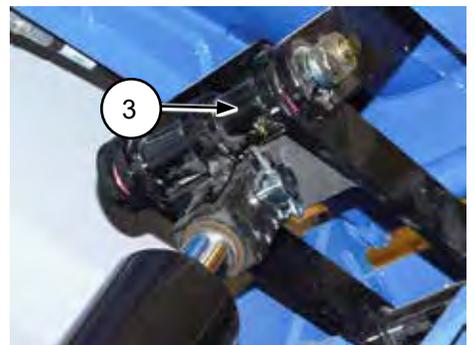
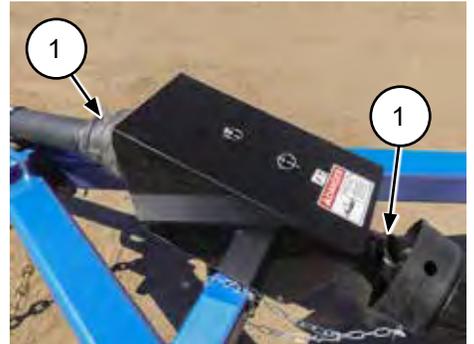
3.3 GREASE POINTS AND SPECIFICATIONS

GREASE SPECIFICATIONS

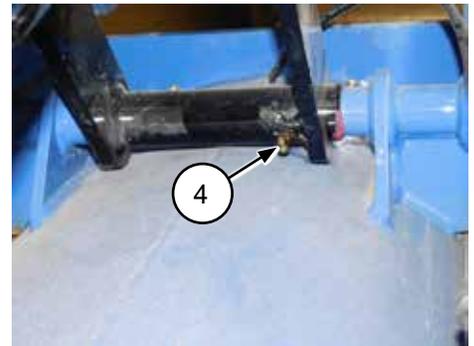
1. Use an SAE multipurpose grease with extreme pressure (EP) performance. An SAE multipurpose lithium based grease is also acceptable.
2. Use only a hand held grease gun.
3. Wipe grease fittings with a clean cloth before greasing to avoid injecting dirt.
4. Repair or replace broken fittings immediately.
5. If fittings will not take grease remove and clean or replace the fittings. Also clean grease from passageway.

GREASE POINTS

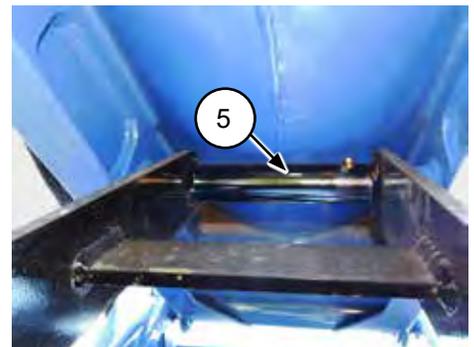
1. PTO
 - Universal Joints (1)
2. PTO Front Support Bearing (2).
3. Auger Fold Cylinder Elbow Joint (3).



4. Auger Fold Linkage Base Pin (4).



5. Auger Fold Linkage Top Pin (5).



6. Horizontal Auger Rear Bearing (6).



7. Horizontal Auger Middle Bearings (7). The grease zerks are located inside the bin at every other seam in the auger housing.

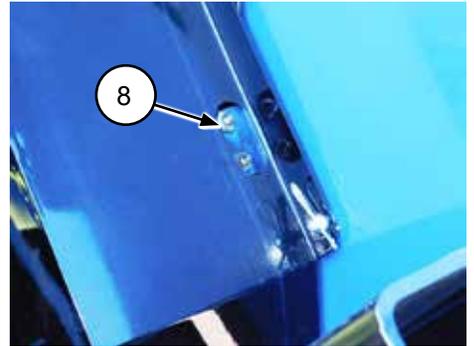


⚠ DANGER

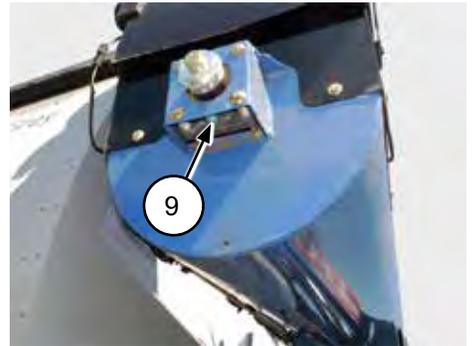
Remove keys and ensure safety before entering bin.

3 MAINTENANCE

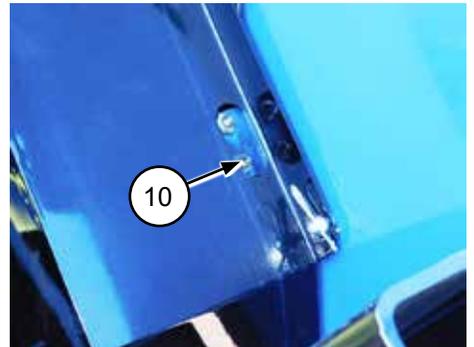
8. Horizontal Auger Front Bearing (8).



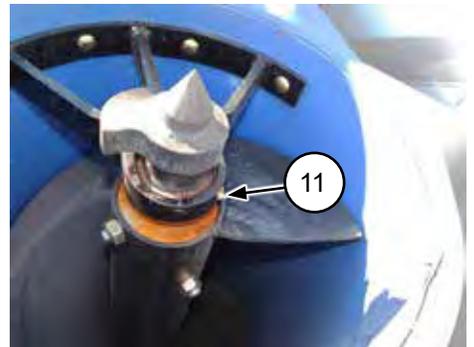
9. Vertical Auger Top Bearing (9).



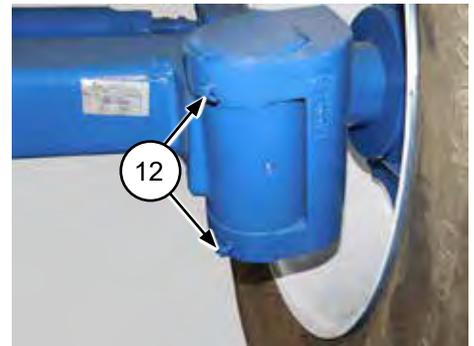
10. Vertical Auger Bottom Bearing (10).



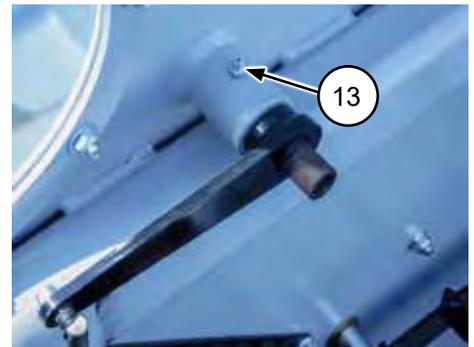
11. Vertical Auger Middle Bearings (11).



12. Axle Steering (12).



13. Steering Indicator Needle (13).



3.4 GEARBOX LUBRICATION

Use clean SAE 30 weight oil for most applications. For other temperature ranges use:

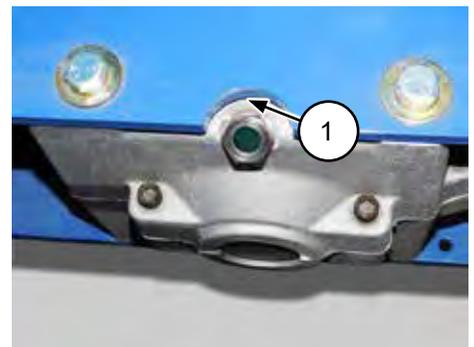
| | |
|---------------------------|---------|
| Below 20°F (Below -7°C) | SAE 10w |
| 20 to 40°F (-7 to 4°C) | SAE 20w |
| 40 to 100°F (4 to 38°C) | SAE 30w |
| 100 to 120°F (38 to 49°C) | SAE 40w |

IMPORTANT

Your machine can operate at top efficiency only if clean lubricants are used. Use clean containers to handle all lubricants. Store them in an area protected from dust, moisture and other contaminants.

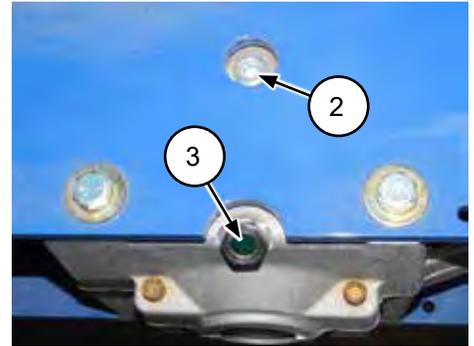
GEARBOX LEVELS

1. The gearbox level must be in the middle of the sight-glass (1).

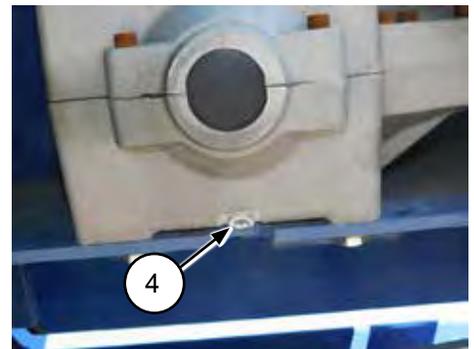
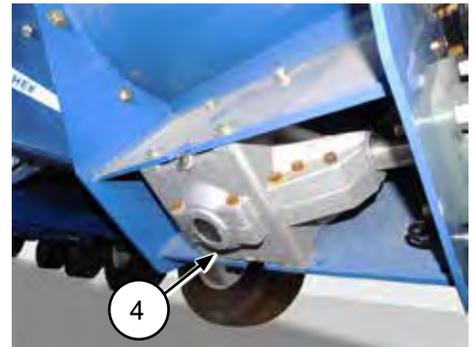


3 MAINTENANCE

2. To add or fill the gearbox remove the fill plug (2) and add oil while watching the sight glass (3).

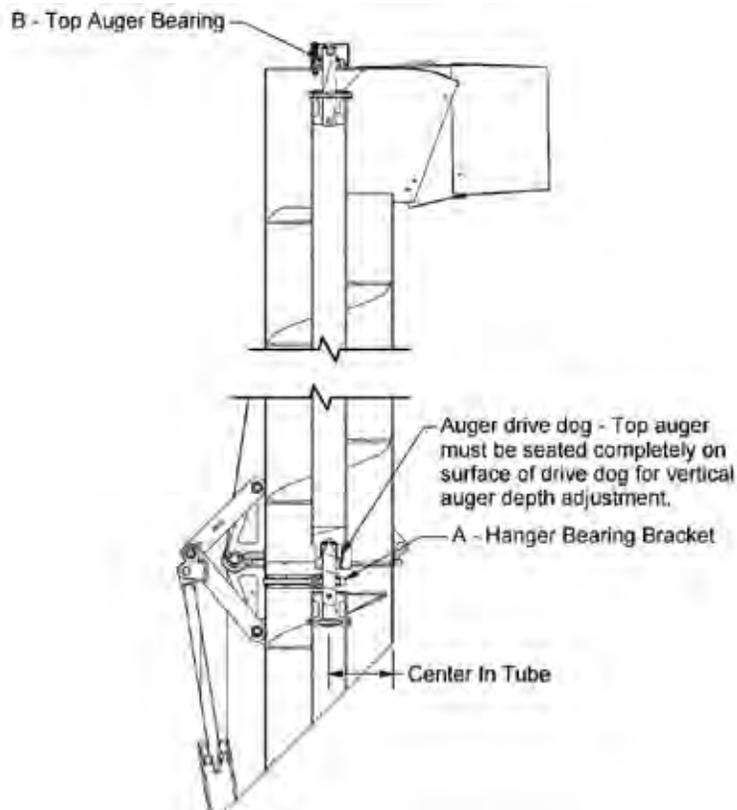


3. To change oil in the gearbox, place a drop pan under the gearbox and remove the drain plug (4). When the oil is completely drained install the plug and follow the procedure in Steps 1 and 2.

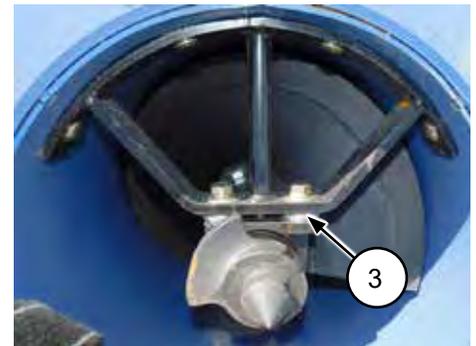


3.5 ADJUSTMENTS

VERTICAL AUGER ALIGNMENT INSTRUCTIONS



1. Adjust the height of hanger bearing “A” using washers (3) or shims to center auger flighting in the tube.



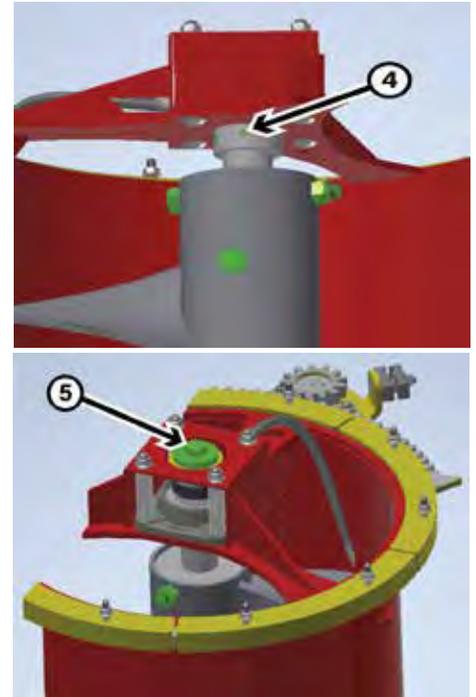
2. Unfold auger to check if top flighting and drive lug engage properly and auger turns smoothly.



3 MAINTENANCE

TOP VERTICAL AUGER DEPTH ADJUSTMENT

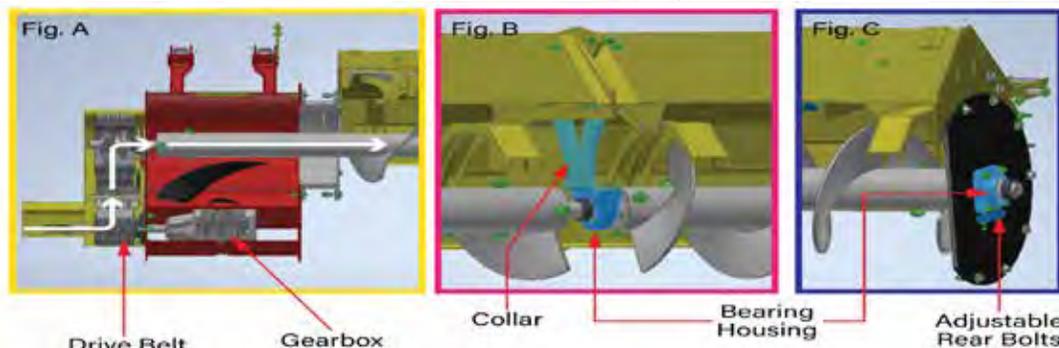
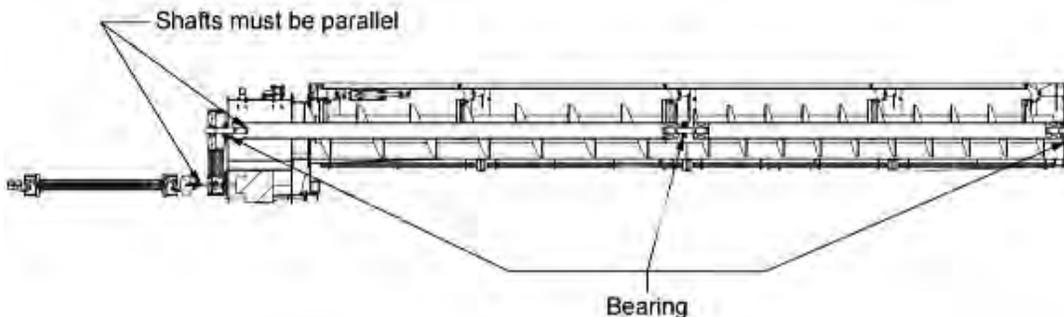
1. Unfold auger.
2. Loosen the locking collar (4) on top bearing "B"
3. Tap on the end of the auger shaft (5) with a rubber hammer to ensure top auger is properly seated on the lower auger drive lug and rotate several times.
4. Tighten the locking collar (4) on top bearing.



SWEEP AUGER ALIGNMENT

If the augers were removed for service or replacement an alignment may be required. Preseason checks are also an important preventative measure. Below are the steps for aligning both the vertical and horizontal augers.

DIRECTIONS



1. Leave front drag auger section with middle hanger bearing so that the drive shaft is aligned to the gearbox input (shown on Fig. B).
2. Level rear drag auger section with the front by adjusting the bearing housing on the rear of the cart using the adjustable rear bolts (shown on Fig. C)
3. Rotate auger flighting to ensure it turns smoothly and does not hit anywhere. Adjust if necessary.

3.6 VERIFY PTO SHAFT LENGTH

⚠ WARNING

PROPER EXTENDED AND COLLAPSED LENGTH OF THE TELESCOPING PTO SHAFT MUST BE VERIFIED BEFORE FIRST OPERATION WITH EACH TRACTOR. IF THE EXTENDED LENGTH OF THE PTO SHAFT IS INSUFFICIENT, IT MAY BECOME UNCOUPLED DURING OPERATION AND CAUSE SERIOUS INJURY OR DEATH FROM CONTACT WITH CONTROLLED FLAILING OF PTO SHAFT ASSEMBLY COMPONENTS.

IMPORTANT

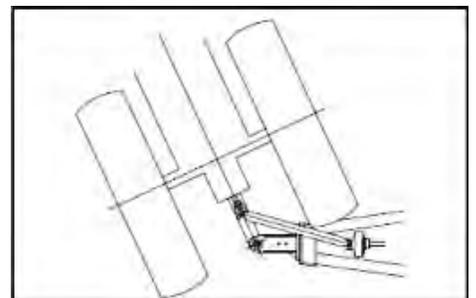
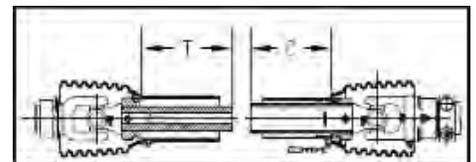
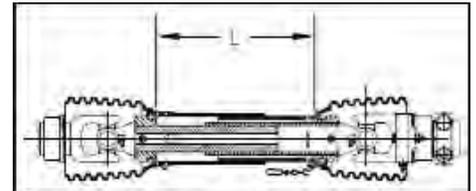
Check the length of the telescoping members to insure the driveline will not bottom out or separate when turning and/or going over rough terrain. Consult your OEM dealer for recommended drawbar and PTO set up.

An excessive collapsed length can result in damage to the PTO driveline and attached components. This is most likely to occur during extreme turning angles and/or over rough terrain. Conditions are amplified on tractors with tracks operating in uneven terrain, particularly levies and ridges.

Damage driveline components can result in unsafe operation and severely reduced driveline component life.

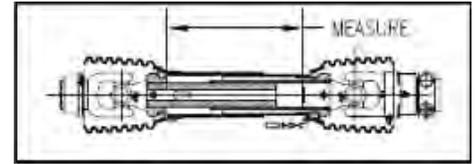
NOTE: Do not exceed 10 degrees beyond a straight pull line while operation the PTO. To verify proper extended are collapsed lengths, use the following procedure:

1. Fully collapse PTO shaft and measure length "L".
Enter here: _____ (1)
(Verify that outer tube does not bottom out on surrounding plastic shield components).
2. Pull apart PTO telescoping shaft ends and measure lengths "T" & "C". Add "T" + "C" measurements together.
Enter total here: _____ (2)
3. Calculate maximum recommended extended length:
Subtract line 1 from line 2. Enter here: _____ (a)
Divide line (a) by 2. Enter here: _____ (b)
Add line (b) to line 1. Enter here: _____ (c)
Subtract 2 inches from line (c). Enter here: _____ (d)
This is maximum recommended extended length.
4. Hitch tractor drawbar to cart, ensuring that tractor and cart are on level ground and coupled as straight as practical.
5. Connect PTO shaft to tractor, and measure length "L" from same points as used in step 1.
Ensure that this measurement does not exceed the maximum recommended extended length calculated in step 3. If necessary, choose a shorter drawbar position, or obtain a longer PTO shaft assembly before operating cart.
6. Position the tractor to obtain the tightest turning angle, relative to the cart (See Figure).



3 MAINTENANCE

- Measure the length “L” from the same points as used in step 1. This distance must be at least 1.5 inches greater than the distance measured in step 1. If necessary, adjust the length of the PTO shaft by cutting the inner and outer plastic guard tubes and inner and outer sliding profiles by the same length. Round off all sharp edges and remove burrs before greasing and reassembling shaft halves surrounding plastic shield components.



3.7 BOLT AND HYDRAULIC FITTING TORQUE

CHECKING BOLT TORQUE

The tables shown below give correct torque values for various bolts, hydraulic fittings and cap screws. Tighten all bolts to the torques specified in chart unless otherwise noted. Check tightness of bolts periodically, using bolt torque chart as a guide. Replace hardware with the same strength bolt.

BOLT TORQUE VALUES

Always replace bolts with the same grade or class.

Tighten all bolts according to the following charts unless other wise specified.

Metric Bolt Torque Chart

| Bolt Size | Grade 2 | | Grade 5 | | Grade 8 | |
|-----------|---------|--------|---------|--------|---------|--------|
| | Nm | Lbf ft | Nm | Lbf ft | Nm | Lbf ft |
| 5/16-18 | 15 | 11 | 24 | 17 | 33 | 25 |
| 3/8-16 | 27 | 20 | 42 | 31 | 59 | 44 |
| 7/16-14 | 43 | 32 | 67 | 49 | 95 | 70 |
| 1/2-13 | 66 | 49 | 105 | 76 | 145 | 106 |
| 9/16-12 | 95 | 70 | 150 | 110 | 210 | 155 |
| 5/8-11 | 130 | 97 | 205 | 150 | 285 | 210 |
| 3/4-10 | 235 | 170 | 360 | 265 | 510 | 375 |
| 7/8-9 | 225 | 165 | 58/5 | 430 | 820 | 605 |
| 1-8 | 340 | 250 | 875 | 645 | 1230 | 910 |

Standard Bolt Identification



Grade 2
No Marks



Grade 5
3 Marks



Grade 8
6 Marks

Standard Bolt Torque Chart

| Bolt Size | Class 5.8 | | Class 8.8 | | Class 10.9 | |
|-------------|-----------|--------|-----------|--------|------------|--------|
| | Nm | Lbf ft | Nm | Lbf ft | Nm | Lbf ft |
| M 5 x0.85 | 4 | 3 | 6 | 5 | 9 | 7 |
| M 6 x 1 | 7 | 5 | 11 | 8 | 15 | 11 |
| M 8 x1.25 | 17 | 12 | 26 | 19 | 36 | 27 |
| M 10 x 1.5 | 33 | 24 | 52 | 39 | 72 | 53 |
| M 12 x 1.75 | 58 | 42 | 91 | 67 | 125 | 93 |
| M 14 x 2 | 92 | 68 | 145 | 105 | 200 | 150 |
| M 16 x 2 | 145 | 105 | 225 | 165 | 315 | 230 |
| M 18 x 2.5 | 195 | 145 | 310 | 230 | 405 | 300 |
| M 20 x 2.5 | 280 | 205 | 440 | 325 | 610 | 450 |
| M 24 x 3 | 480 | 355 | 760 | 560 | 1050 | 780 |

Identify metric bolts by the class number stamped on the bolt head or nut. Higher numbers indicate higher strength.

HYDRAULIC FITTING TORQUE VALUES

Straight Thread O-Ring Boss (ORB)

(Example: 12MB - 12MJ is -12 male ORB to -12 Male JIC)

SAE 37° (JIC)

(Example 8FJ - 8FJ is -10 female JIC)

| Dash Size | Jam Nut or Straight Fitting Torque | |
|-----------|------------------------------------|--------------|
| | Ft/Lbs | Newton Meter |
| -04 | 13-15 | 18-20 |
| -05 | 14-15 | 19-21 |
| -06 | 23-24 | 32-33 |
| -08 | 40-43 | 55-57 |
| -10 | 43-48 | 59-64 |
| -12 | 68-75 | 93-101 |

| Dash Size | Jam Nut or Straight Fitting Torque | |
|-----------|------------------------------------|--------------|
| | Ft/Lbs | Newton Meter |
| -04 | 11-12 | 15-16 |
| -05 | 15-16 | 20-22 |
| -06 | 18-20 | 24-28 |
| -08 | 38-42 | 52-58 |
| -10 | 57-62 | 77-85 |
| -12 | 79-87 | 108-119 |

4

TROUBLESHOOTING

In the following section, we have listed some of the problems, causes and solutions that you may encounter. If you encounter a problem that is difficult to solve, even after having read through this troubleshooting section, please call your local dealer or distributor. Before you call, have this manual and the serial number from your unit ready.

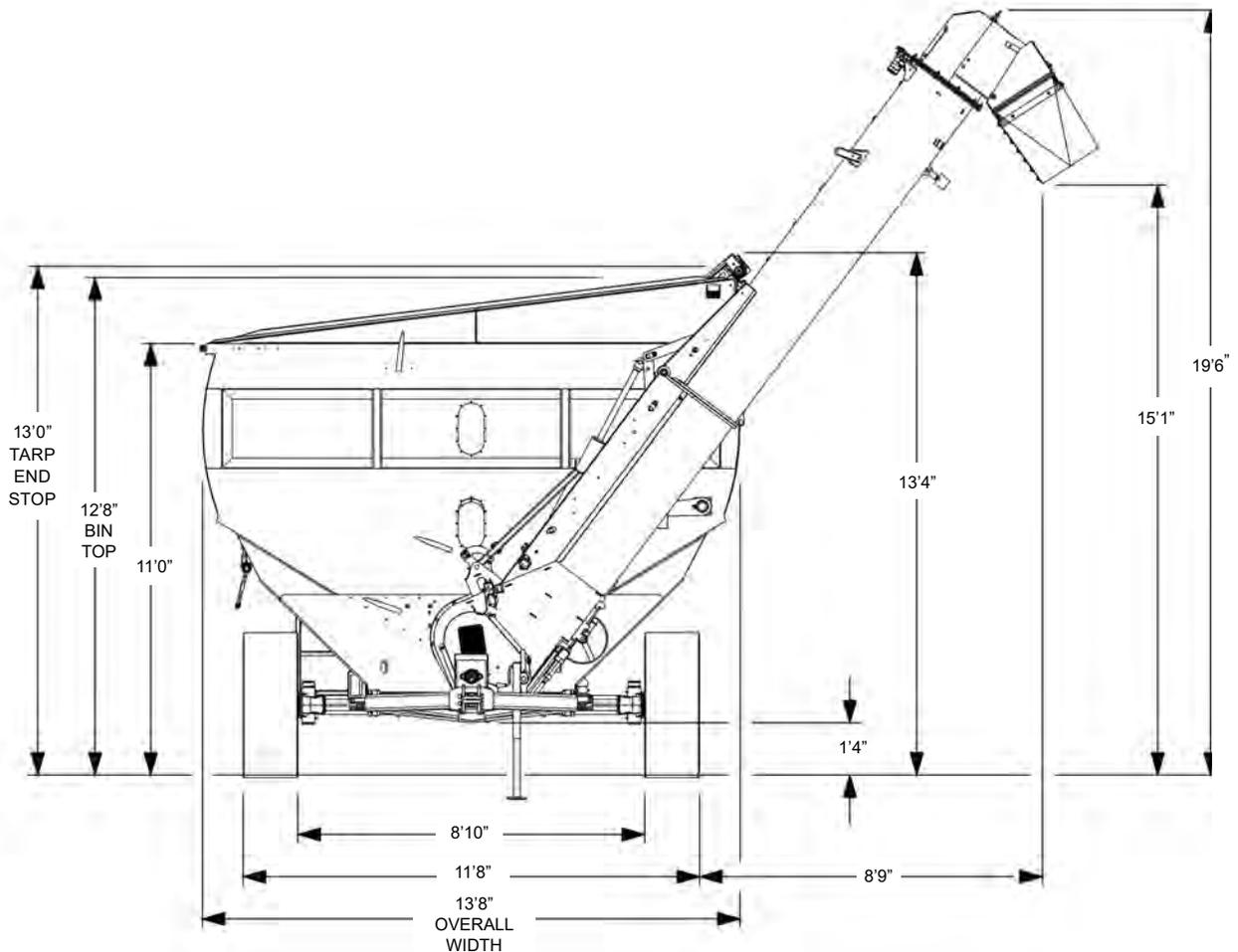
| PROBLEM | CAUSE | SOLUTION |
|-------------------------------------|---------------------------------------|--|
| Hydraulics creep during operation | Tractor hydraulic leak. | To verify, raise auger half way up, disconnect at tractor. Observe if auger creeps down. If not repair tractor hydraulics |
| | Damaged Hose or fittings | Search for leaks with a piece of paper (not by hand). Repair as necessary. |
| Oil accumulation on cylinder shaft. | Hydraulic cylinder leak. | Replace seals or damaged components. |
| | Oil bypassing seals. | Seal manufacturer advises that small amounts of oil getting past seals is desirable. If problem becomes excessive, replace seals. |
| Unload too slow. Unload stalls. | Augers may be overloaded. | When unloading, start auger before opening flow control gate. If grain is already in augers, it may be necessary to allow some of it to escape through the clean-out. (Note: Do not drive with unloading auger full. Clean out unloading auger before all transport.) |
| Grain escaping through clean-out. | Clean-out latch assembly too loose. | See Adjustment or Clean-out section |
| | Neoprene seal may be worn or missing. | Replace as required. |
| Folding joint. | Neoprene seal may be worn or missing. | Replace as required. |
| | Top bearing out of adjustment. | Adjust top bearing position on the shaft. |

5

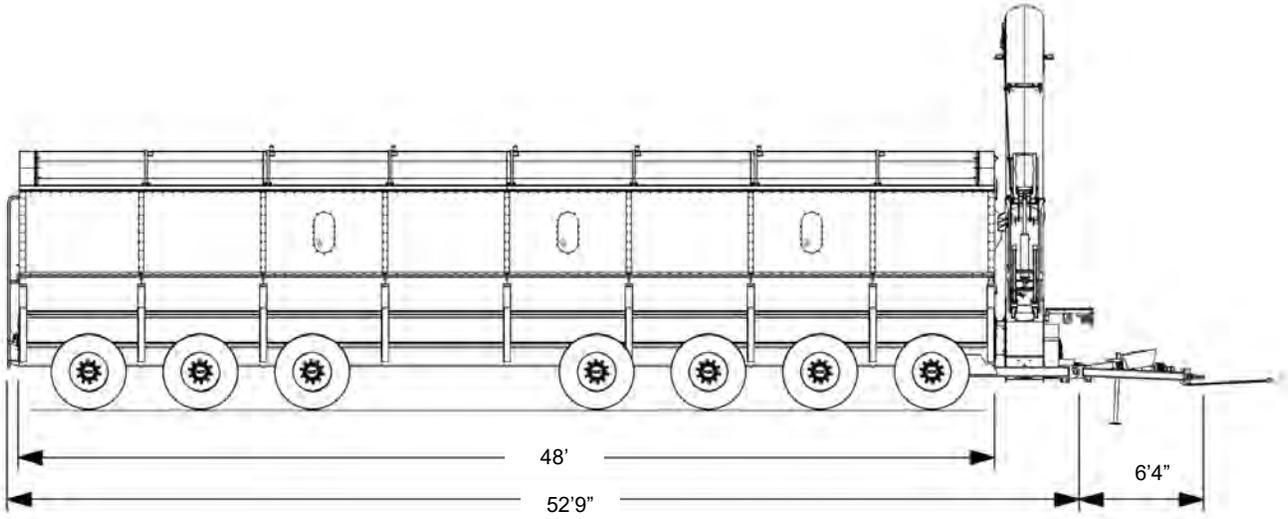
SPECIFICATIONS

5.1 DIMENSIONS

| | |
|--|--------------|
| Maximum Width | 13'8" |
| Maximum Height (for transport) | 13'4" |
| Height to top of bin side | 12'8" |
| Length of Bin | 48' |
| Length of Bin and Auger Drive Assembly | 52'9" |
| Length of Pull | 6'4" |
| Overall Length | 59'1" |
| Ground Clearance | 1'3" |
| Auger Height to spout tip | 15'1" |
| Auger Width to spout | 8'9" |
| Tire Size | 425/65R 22.5 |

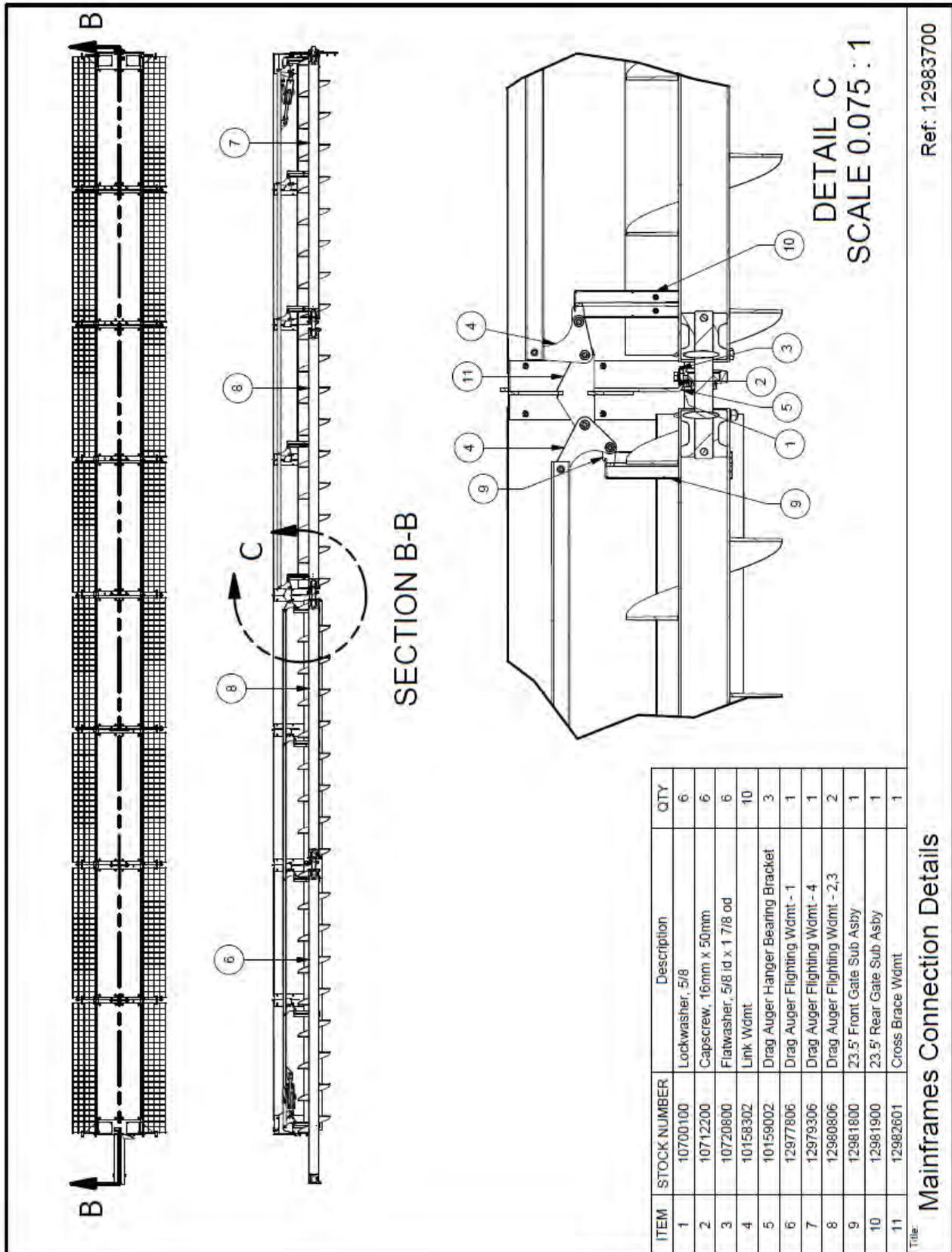


5 SPECIFICATIONS

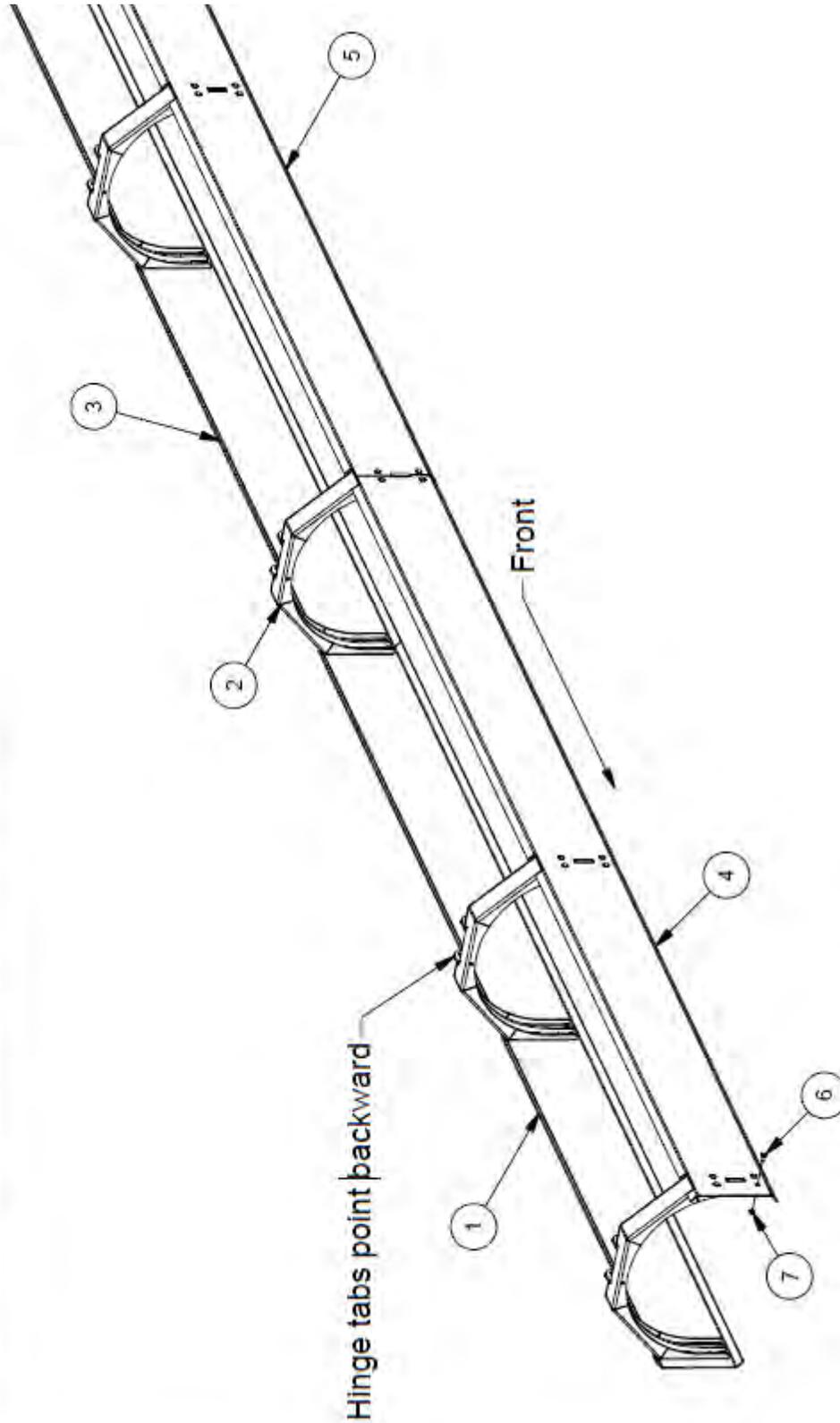


5.2 OTHER FEATURES / OPTIONS AND SPECIFICATIONS

4000 bushel capacity
22" Unload auger
Swinging auger spout
Wireless camera system
Highway lights
Auger and bin work lights
Full length clean out
Transition box clean-out
Automatic belt tensioner
Floating bearing at end of unloading auger
Integral frame/axle design
Roll tarp
Steering front and rear axles
Rear split front and rear gates for blending grain
Heavy duty jack
Rear access door
Scales (optional)
Low unload package (optional)
Remote shut off for grain flow (optional)
Scoreboard external display (optional)
Vibrator (optional)

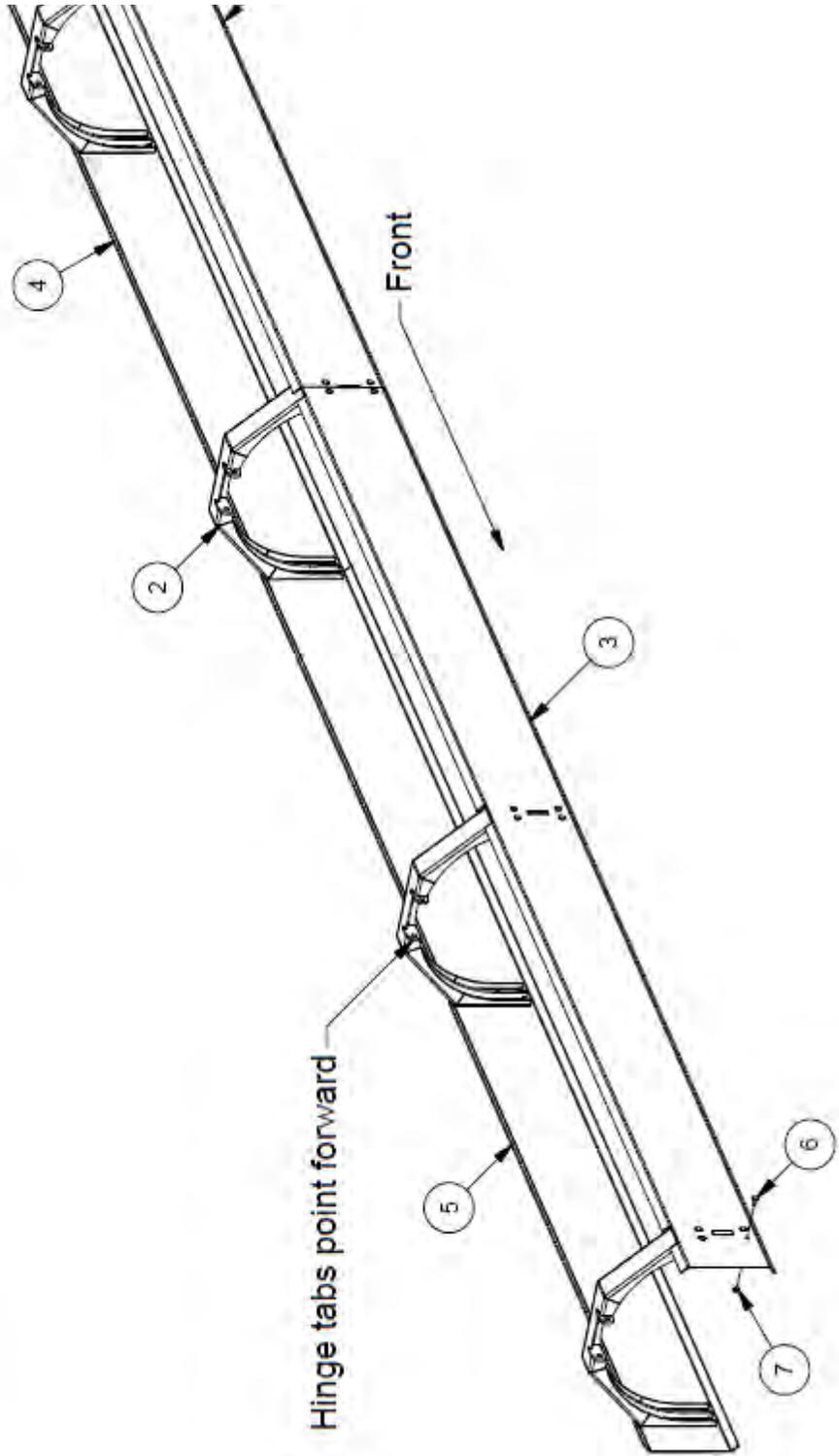


| ITEM | STOCK NUMBER | Description | QTY |
|------|--------------|-------------------------------|-----|
| 1 | 12981502 | Front Right Gate - 134.25" | 1 |
| 2 | 10158102 | Gate Bracket Wdmt | 5 |
| 3 | 12982202 | Rear Left Gate - 148.5" | 1 |
| 4 | 12982302 | Front Left Gate - 134.25" | 1 |
| 5 | 12982502 | Rear Right Gate - 148.5" | 1 |
| 6 | 10736100 | Carriage Bolt, 1/4 x 3/4 | 40 |
| 7 | 10736200 | Nut, Flange, Top Locking, 1/4 | 40 |

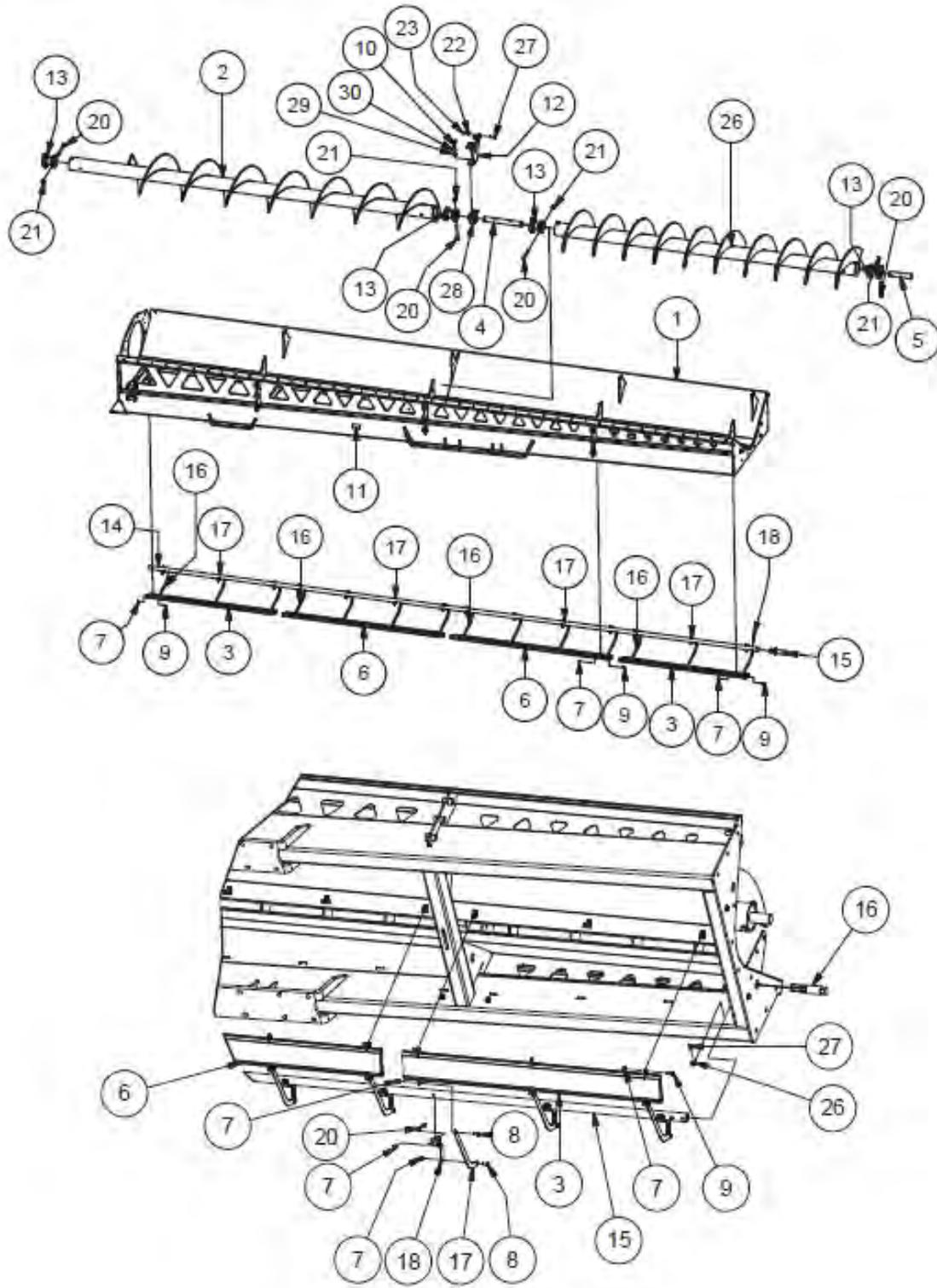


6 AUGER AND DRIVE PARTS

| ITEM | STOCK NUMBER | Description | QTY |
|------|--------------|-------------------------------|-----|
| 1 | 12982702 | Rear Left Gate - 134.25" | 1 |
| 2 | 10158102 | Gate Bracket Wdmt | 5 |
| 3 | 12982202 | Rear Left Gate - 148.5" | 1 |
| 4 | 12982402 | Rear Right Gate - 134.25" | 1 |
| 5 | 12982502 | Rear Right Gate - 148.5" | 1 |
| 6 | 10736100 | Carriage Bolt, 1/4 x 3/4 | 40 |
| 7 | 10736200 | Nut, Flange, Top Locking, 1/4 | 40 |



Main Frame - 1300, 1600, 2000



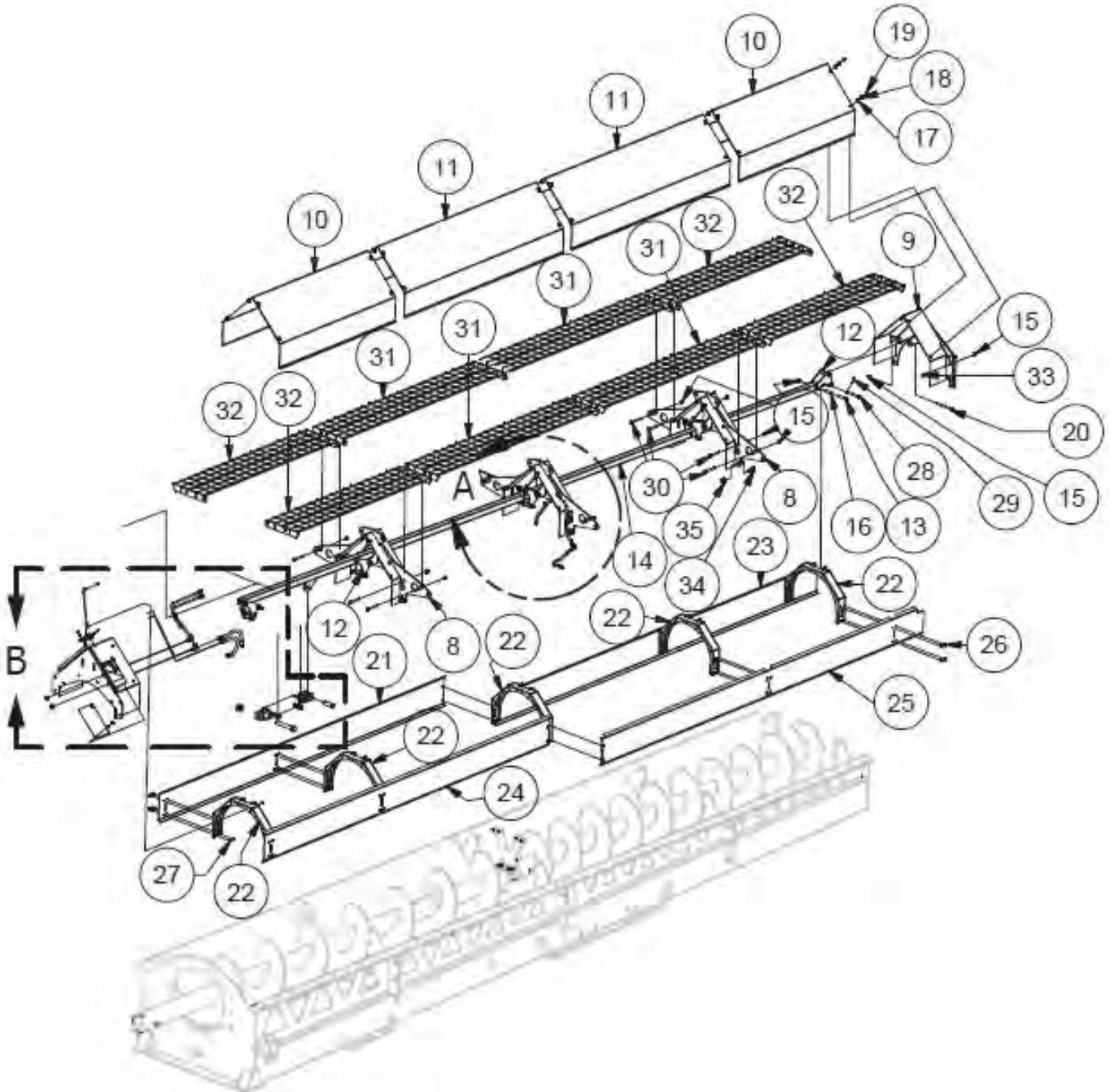
BOTTOM VIEW

6 AUGER AND DRIVE PARTS

Main Frame - 1300, 1600, 2000

| ITEM | Part # | Description |
|------|----------|--|
| 1 | 10050002 | Main Frame |
| 2 | 10086306 | Front Drag Auger Flighting Wdmt |
| 3 | 10172102 | 54" Cleanout Door Wdmt |
| 4 | 10112307 | Drag Auger Joint Shaft |
| 5 | 10112507 | Rear Drag Auger Shaft |
| 6 | 10172602 | 67.5" Cleanout Door Wdmt |
| 7 | 10736400 | Locknut, Nylon Insert, $\frac{3}{8}$ |
| 8 | 10727300 | Capscrew, $\frac{3}{8}$ x 1 |
| 9 | 10735700 | Capscrew, $\frac{3}{8}$ x $1\frac{1}{4}$ |
| 10 | 10712200 | Capscrew, 16mm x 50mm |
| 11 | 11845400 | Important - Tires & Wheel Decal |
| 12 | 10159002 | Drag Auger Hanger Bearing Bracket |
| 13 | 10167000 | 2" Shaft Adapter |
| 14 | 10114409 | Cleanout Gate Rockshaft |
| 15 | 10149107 | Gate Rockshaft Coupler |
| 16 | 10088102 | Link Arm |
| 17 | 10137402 | Cleanout Gate Cam |
| 18 | 10742800 | Roll Pin, $\frac{3}{8}$ x 3.0 |
| 19 | 10737200 | Capscrew, $\frac{3}{8}$ x 3 |
| 20 | 10739800 | Capscrew, $\frac{3}{4}$ x $6\frac{1}{2}$ |
| 21 | 10716100 | Nut, Stover, $\frac{3}{4}$ UNC |
| 22 | 10700700 | Lockwasher, $\frac{1}{2}$ |
| 23 | 10700600 | Hex Nut, $\frac{1}{2}$ |
| 24 | 11865500 | Loop Wire Clip, $\frac{1}{2}$ x $\frac{1}{2}$ |
| 25 | 10711200 | Self-tapping Screw, $\frac{1}{4}$ x 1 |
| 26 | 10086006 | Rear Drag Auger Flighting Wdmt |
| 27 | 10739400 | Capscrew, $\frac{1}{2}$ x 2 |
| 28 | 11819501 | TB210 Bearing Housing (Tapped Hole) |
| 29 | 10720800 | Flatwasher, $\frac{5}{8}$ id x $1\frac{1}{8}$ od |
| 30 | 10700100 | Lockwasher, $\frac{5}{8}$ |

Horizontal Auger Gate - 1300, 1600, 2000

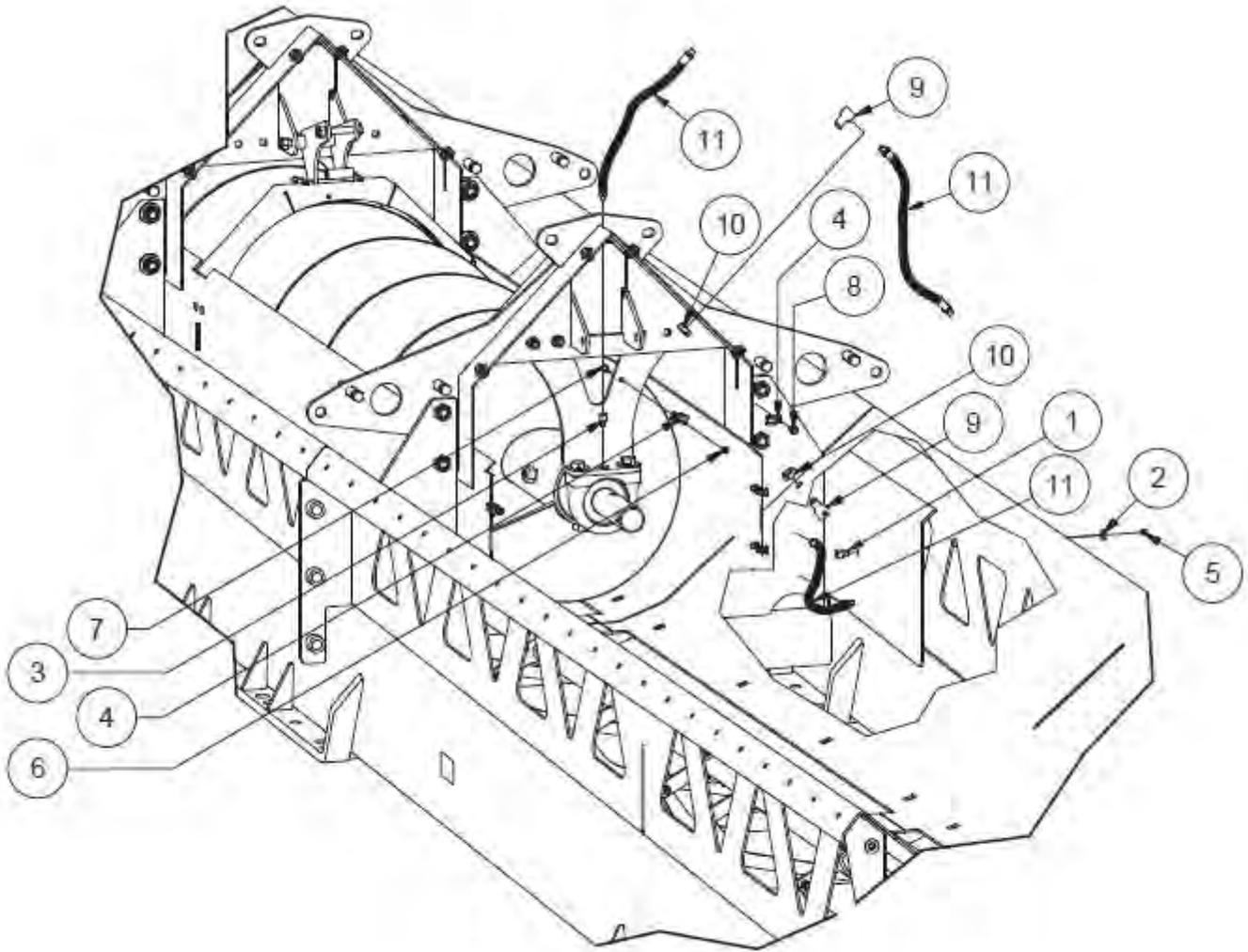


6 AUGER AND DRIVE PARTS

Horizontal Auger Gate - 1300, 1600, 2000

| ITEM | Part # | Description |
|------|----------|---|
| 1 | 10708500 | Hex Jam Nut, $\frac{5}{8}$ RH |
| 2 | 10711200 | Self-tapping Screw, $\frac{1}{4}$ x 1 |
| 3 | 10728900 | Capscrew, $\frac{1}{4}$ x $\frac{3}{4}$ |
| 4 | 10743900 | Jam Nut, $\frac{3}{8}$ UNF |
| 5 | 10744100 | Reducer, $1\frac{1}{32}$ - $\frac{1}{4}$ |
| 6 | 10746800 | Stover Nut, $\frac{1}{4}$ UNF |
| 7 | 10883300 | Grease Fitting, Straight, $\frac{1}{4}$ UNF |
| 8 | 10220702 | Cross Brace Wdmt |
| 9 | 10156902 | Rear Gate Hood |
| 10 | 10154502 | Hood - 49 $\frac{3}{4}$ " |
| 11 | 10157802 | Hood - 68 $\frac{1}{4}$ " |
| 12 | 10158302 | Link Wdmt |
| 13 | 10705000 | Capscrew, $\frac{1}{2}$ x 3 $\frac{1}{4}$ |
| 14 | 10159802 | Tube Link Wdmt |
| 15 | 10700800 | Nylon Locknut, $\frac{1}{2}$ |
| 16 | 10197407 | Bushing, 0.75od x 0.51id x 2.0625 |
| 17 | 10701800 | Flatwasher, 1.00 OD $\frac{3}{8}$ ID |
| 18 | 10702100 | Lockwasher, $\frac{3}{8}$ |
| 19 | 10737600 | Capscrew, ZP, $\frac{3}{8}$ x $\frac{3}{4}$ |
| 20 | 10739500 | Capscrew, $\frac{1}{2}$ x 5 $\frac{1}{2}$ |
| 21 | 10156002 | Front Right Gate - 123" |
| 22 | 10158102 | Gate Bracket Wdmt |
| 23 | 10158602 | Rear Right Gate - 139" |
| 24 | 10158702 | Front Left Gate - 123" |
| 25 | 10158802 | Rear Left Gate - 139" |
| 26 | 10736100 | Carriage Bolt, $\frac{1}{4}$ x $\frac{3}{4}$ |
| 27 | 10736200 | Nut, Flange, Top Locking, $\frac{1}{4}$ |
| 28 | 11860207 | Button Head Pin, $\frac{1}{2}$ x 5 |
| 29 | 10894900 | Cotter Pin, $\frac{5}{32}$ x 1 |
| 30 | 10726700 | Capscrew, $\frac{1}{2}$ x 4 |
| 31 | 10198202 | 6' Guard |
| 32 | 10194702 | 5' Guard |
| 33 | 10708600 | Capscrew, $\frac{1}{2}$ x 1 $\frac{1}{2}$ |
| 34 | 10707800 | Capscrew, $\frac{3}{4}$ x 1 $\frac{1}{2}$ |
| 35 | 10750000 | Flange Nut Serrated, $\frac{3}{4}$ |
| 36 | 12853607 | Grease Hose Fitting |
| 37 | 11855200 | Grease Fitting, Adapter |
| 38 | 11865500 | Loop Wire Clip, $\frac{1}{2}$ x $\frac{1}{2}$ |

Horizontal Auger Gate - 1300, 1600, 2000 - Detail



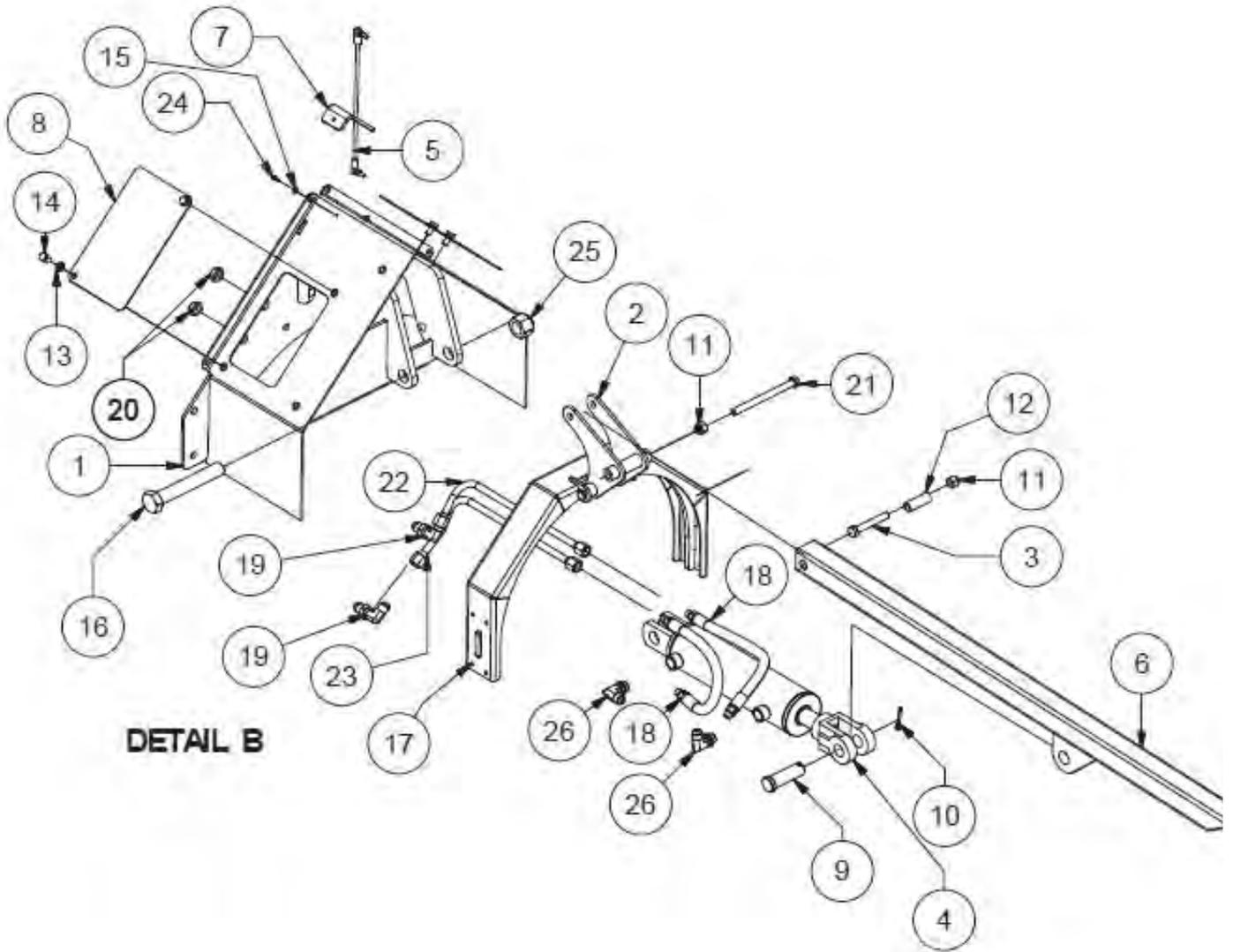
DETAIL A

6 AUGER AND DRIVE PARTS

Horizontal Auger Gate - 1300, 1600, 2000 - Detail

| ITEM | Part # | Description |
|------|-----------|--|
| 1 | 11855200 | Grease Fitting, Adaptor |
| 2 | 10743900 | $\frac{3}{8}$ UNF Jam Nut |
| 3 | 10744100 | Reducer $1\frac{1}{32}$ - $\frac{1}{4}$ |
| 4 | 11865500 | $\frac{1}{2}$ " x $\frac{1}{2}$ " Loop Wire Clip |
| 5 | 10883300 | Grease Fitting, Straight - $\frac{1}{4}$ " UNF |
| 6 | 10746800 | Stover Nut, $\frac{1}{4}$ UNF |
| 7 | 10728900 | Capscrew, $\frac{1}{4}$ x $\frac{3}{4}$ |
| 8 | 10711200 | Self-tapping Screw, $\frac{1}{4}$ x 1 |
| 9 | 112853600 | Grease Hose Fitting |
| 10 | 10708500 | Hex Jam Nut, $\frac{5}{8}$ RH |
| 11 | 11863500 | Grease Hose, 18" |

Horizontal Auger Gate Hydraulics - All Carts

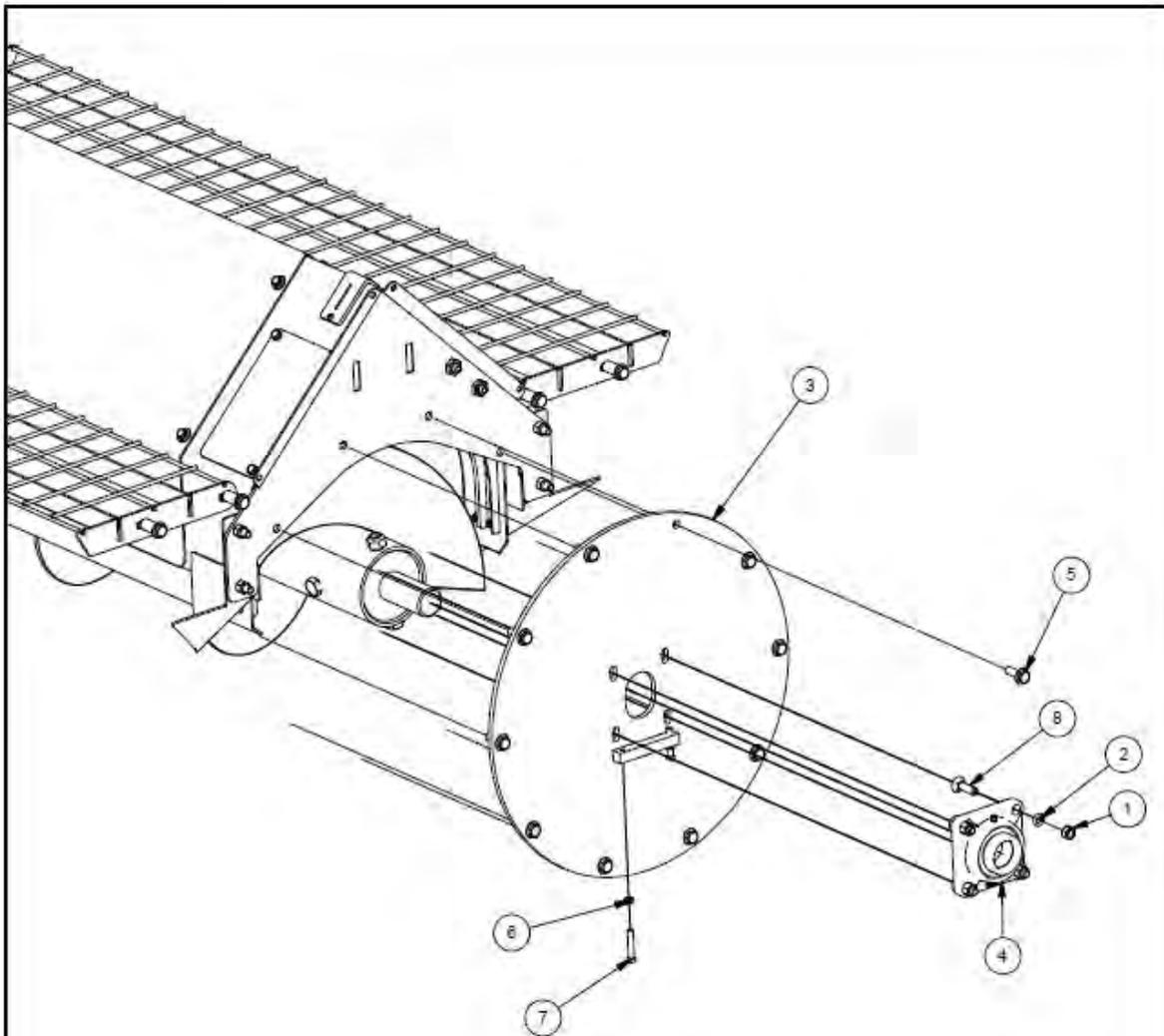


6 AUGER AND DRIVE PARTS

Horizontal Auger Gate Hydraulics - All Carts

| ITEM | Part # | Description |
|------|----------|---|
| 1 | 10157502 | Front Hood |
| 2 | 10158302 | Link |
| 3 | 10705000 | Capscrew, 1/2 x 3 1/4 |
| 4 | 11831000 | 3 x 8 Cylinder - Double Acting |
| 5 | 11851500 | 1/4" Tie Rod - 10.5" |
| 6 | 10154700 | Tube Link - Black |
| 7 | 10196400 | Rubber Grommet |
| 8 | 10197302 | Access Port cover |
| 9 | 10880800 | Cylinder Pin, 1.00od x 2.75 |
| 10 | 10894700 | Cotter Pin, 3/16 x 1 1/2 |
| 11 | 10700800 | Nylon Locknut, 1/2 |
| 12 | 10197407 | Bushing 0.75od x 0.51id x 2.0625 |
| 13 | 10702100 | Lockwasher, 3/8 |
| 14 | 10737600 | Capscrew, ZP, 3/8 x 3/4 |
| 15 | 10755800 | Flatwasher, #8 (3/16id x 7/16od) |
| 16 | 10730700 | Capscrew, 1 x 6 1/2 |
| 17 | 10158102 | Gate Bracket |
| 18 | 20028300 | Hyd Hose 24" (G24) |
| 19 | 20016100 | 8MJ 8MJ - Hydraulic Fitting 90 Bulkhead |
| 20 | 20016600 | 08s- Bulkhead Nut |
| 21 | 10726600 | Capscrew, 1/2 x 6 UNC |
| 22 | 20026000 | Gate Sys Hyd Tube (STG-16) |
| 23 | 20026100 | Gate Sys Hyd Tube (STG-18) |
| 24 | 10755900 | Self Tapping Screw #8 x 1" |
| 25 | 10742600 | Locknut, Nylon, 1 |
| 26 | 20016700 | 8MJ-8MB 90 Hydraulic Fitting 90 Elbow |

Drag Auger End Plate

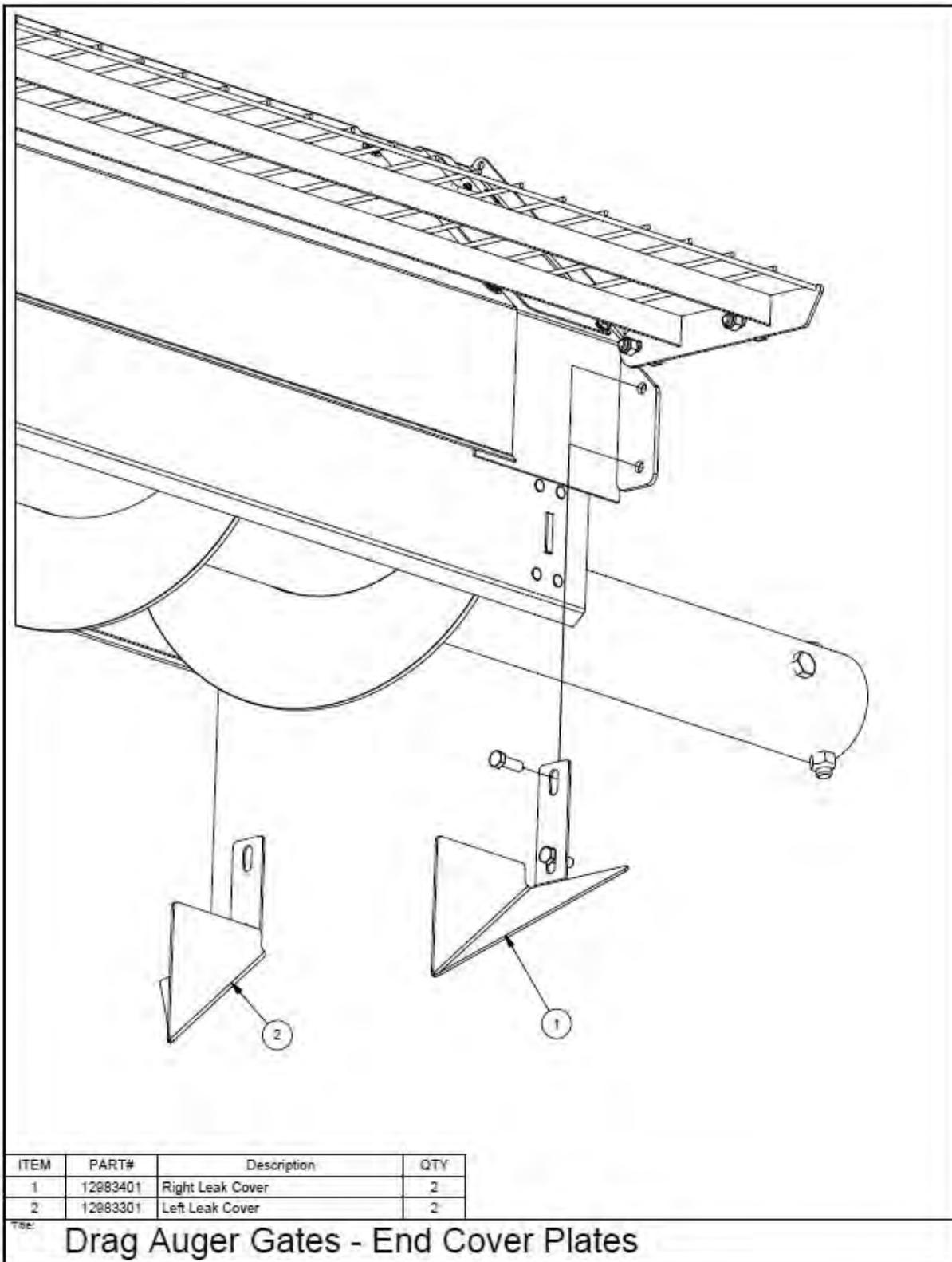


| ITEM | STOCK NUMBER | Description | QTY |
|------|--------------|-------------------------------|-----|
| 1 | 10700800 | Hex Nut, 1/2 | 4 |
| 2 | 10700700 | Lockwasher, 1/2 | 4 |
| 3 | 10147302 | Drag Auger End Plate Wdmt | 1 |
| 4 | 11823400 | 2" Bearing, F210 Housing Asby | 1 |
| 5 | 10723600 | Flange Head Bolt, 1/2 x 1-1/2 | 10 |
| 6 | 10740100 | Hex Jam Nut, 3/8 | 2 |
| 7 | 10743600 | Setscrew, Sq. head, 3/8 x 2 | 2 |
| 8 | 10736700 | Carriage Bolt, 1/2x1 3/4 | 4 |

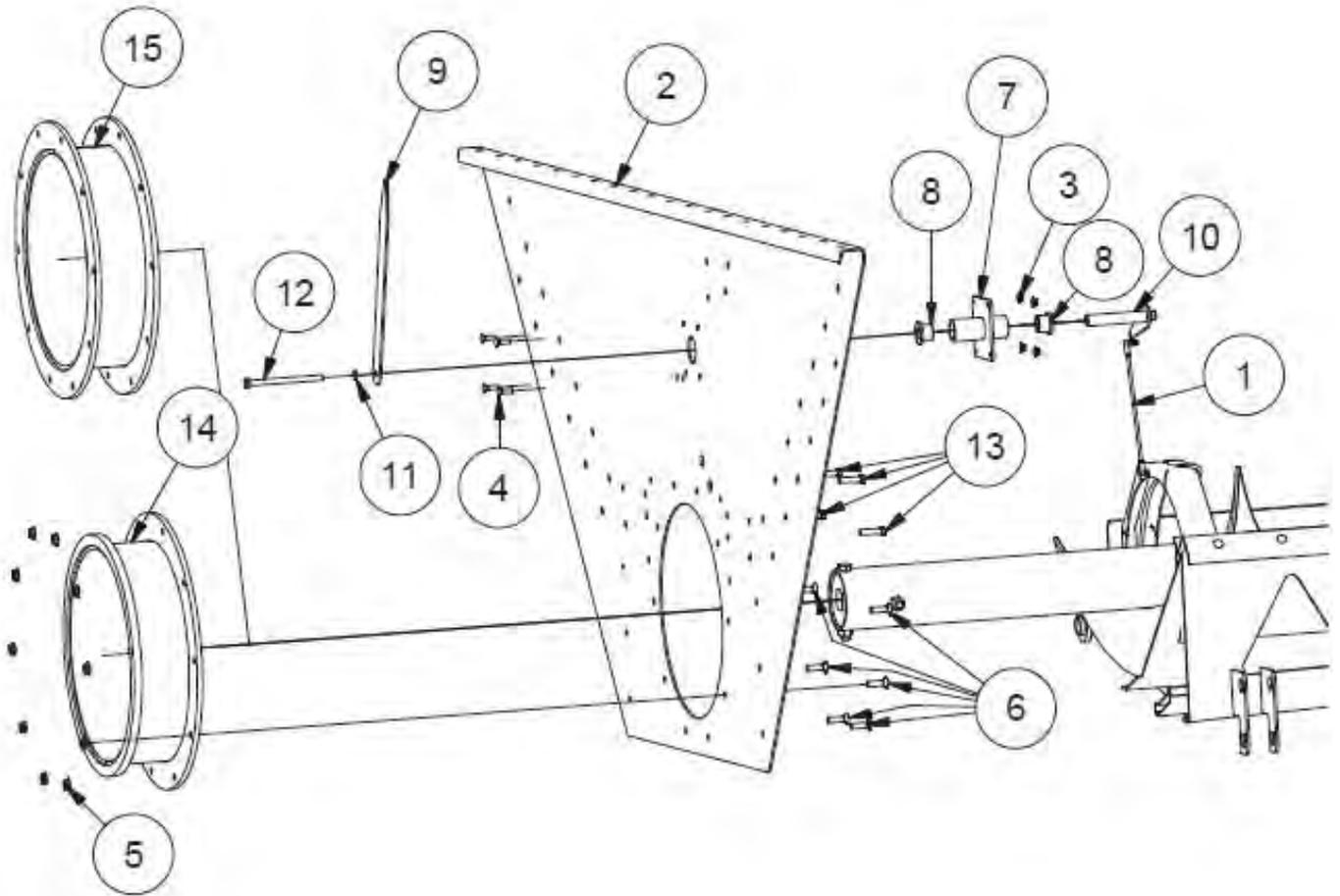
Fig. Drag Auger - End Plate Installation

6 AUGER AND DRIVE PARTS

Drag Auger Gates Cover Plates



Front Panel - Gate Indicator



6 AUGER AND DRIVE PARTS

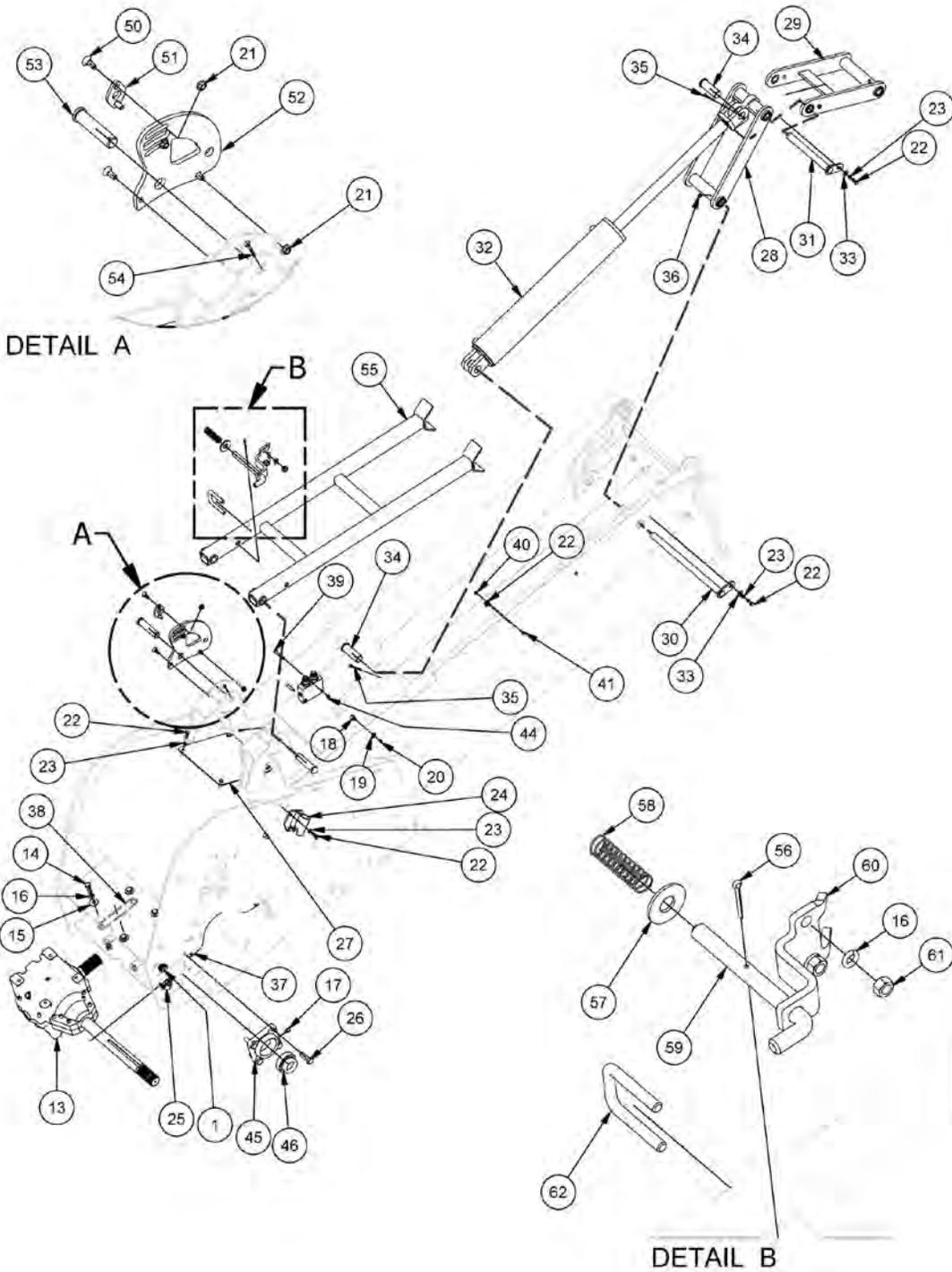
Front Panel - Gate Indicator

| ITEM | Part # | Description |
|------|-----------|--------------------------------|
| 1 | 11851500 | ¼" x 10" Tie Rod Assembly |
| 2 | 110039XX* | Front Lower Panel |
| 3 | 10726000 | Flange Nut, ⅜ |
| 4 | 10712700 | Carriage Bolt, ⅜ x 1¼ |
| 5 | 10706600 | Nut, Flange - ½ |
| 6 | 10736700 | Carriage Bolt, ½ x 1¾ |
| 7 | 10159102 | Gate Indicator Bearing Wdmt |
| 8 | 10808700 | 1.00 Nylon Bushing |
| 9 | 10113502 | Gate Indicator Plate |
| 10 | 10159602 | Indicator Top Lever |
| 11 | 10700700 | Lockwasher, ½ |
| 12 | 10743000 | Capscrew, ½ x 7 |
| 13 | 10739400 | Capscrew, ½ x 2 |
| 14 | 110044XX* | Pivot Auger Spacer Ring Wdmt** |
| 15 | 100561XX* | Fixed Auger Spacer Ring Wdmt |

* XX denotes colour option. Replace with 03 for Red, 04, for Green, 05 for Blue and 14 for Yellow.

** See Optional Pivot Auger

Auger 22" - Lower Assembly

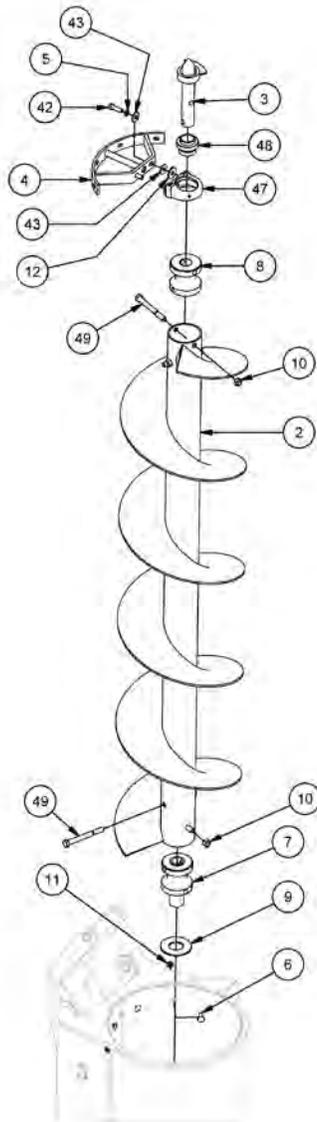


6 AUGER AND DRIVE PARTS

Auger 22" - Lower Assembly

| ITEM | Part # | Description | ITEM | Part # | Description |
|------|----------|--|------|----------|--|
| 1 | 130570XX | Anderson MB 22" Lower Auger WDMT | 33 | 10701800 | Flatwasher, 1.00 OD 3/8ID |
| 2 | 13058001 | Anderson MB - 22" Lower Auger Flighting WDMT | 34 | 11857400 | Pin, 1 1/4 x 3 1/2 |
| 3 | 10095306 | Auger Drive Lug Wdmt | 35 | 10722900 | Cotter Pin, 1/4x2 1/2 |
| 4 | 10111302 | Hanger Bearing Bracket - 22" | 36 | 10890000 | Grease Fitting, 1/4 UNF, 90 |
| 5 | 10700100 | Lockwasher, 5/8 | 37 | 11863500 | 18" Grease Hose |
| 6 | 10709200 | Carriage Bolt, 1/2x1 1/2 | 38 | 10293307 | Gearbox Slim |
| 7 | 10195100 | Lower Auger Adapter | 39 | 10737000 | Capscrew, 5/16x2 |
| 8 | 10167000 | 2" Shaft Adapter | 40 | 10745400 | Stover Nut, 1/4 UNC |
| 9 | 10142100 | Grain Seal | 41 | 10728900 | Capscrew, 1/4 x 3/4 |
| 10 | 10716100 | Nut, Stover, 3/4 UNC | 42 | 10712200 | Capscrew, 16mm x 50mm |
| 11 | 10706600 | Nut, Flange - 1/2 | 43 | 10720800 | Flatwasher, 5/8 id x 1 7/8 od |
| 12 | 10810700 | Rolling Shield Washer | 44 | 10737100 | Stover Nut, 5/16 |
| 13 | 11870000 | RH/LH Gearbox - 90 Degree | 45 | 11813700 | F209 Housing (1 3/4" Bearing) |
| 14 | 10705700 | Capscrew, 1/2x1 3/4 | 46 | 11823800 | 209 - 1 3/4" Bearing / Lock Collar Asby |
| 15 | 10723200 | Flatwasher, 1/2 | 47 | 11819501 | Bearing Housing, PA210 - Machined KML |
| 16 | 10700700 | Lockwasher, 1/2 | 48 | 11823600 | Bearing w/Locking Collar - 2" (210) UEL210-200D1 |
| 17 | 10744100 | Reducer 11/32 - 1/4 | 49 | 10748600 | Cap Screw, Hex Head, Gr 8, 3/4 UNC x 7, YZ |
| *18 | 11855200 | Grease Fitting, Adaptor | 50 | 10740300 | Carriage Bolt, Full Thread, Gr 5, 3/8 UNC x 1, YZ |
| *19 | 10743900 | 3/8 UNF Jam Nut | 51 | 10127902 | Auger Rest Adjust Plate, GC Lower Auger, Black |
| 20 | 10883300 | Grease Fitting, Straight - 1/4" UNF | 52 | 10114602 | Latch Plate, Auger Rest - Black |
| 21 | 10726000 | Flange Nut, 3/8 | 53 | 10885200 | Cylinder Pin, 1.00OD x 4.10 |
| 22 | 10727300 | Capscrew, 3/8 x 1 | 54 | 10894700 | Cotter Pin, 3/16 x 1-1/2 |
| 23 | 10702100 | Lockwasher, 3/8 | 55 | 10113602 | Field Position Bracket - Black |
| 24 | 10143502 | Bracket Wdmt | 56 | 10886000 | Cotter Pin, 3/16 x 1-3/4 |
| 25 | 10221202 | Autolog Sensor Bracket | 57 | 10721300 | Flat Washer, USS, 3/4, YZ |
| 26 | 10702800 | Capscrew, 5/8 x 2 | 58 | 11846300 | Compression Spring, 0.9740" OD x 0.0840" wire x 2.866" L |
| 27 | 10110902 | Auger Cover Plate | 59 | 10124607 | Auger - Rest Latch Pin - Clear Zinc |
| 28 | 10057602 | Lower Auger Linkage | 60 | 10121502 | Latch Pin Bracket, Auger Rest - Black |
| 29 | 10058102 | Top Link Wdmt | 61 | 10700600 | Hex Nut, Gr 5, 1/2 UNC, YZ |
| 30 | 10143707 | Auger Linkage Pin - Bottom | 62 | 10700500 | U-Bolt, 1/2 UNC x 2 x 2 x 2, CZ |
| 31 | 10144007 | Auger Linkage Pin - Mid | | | |
| 32 | 11841000 | 4x24 Cylinder | | | |

Auger 22" - Auger Assembly

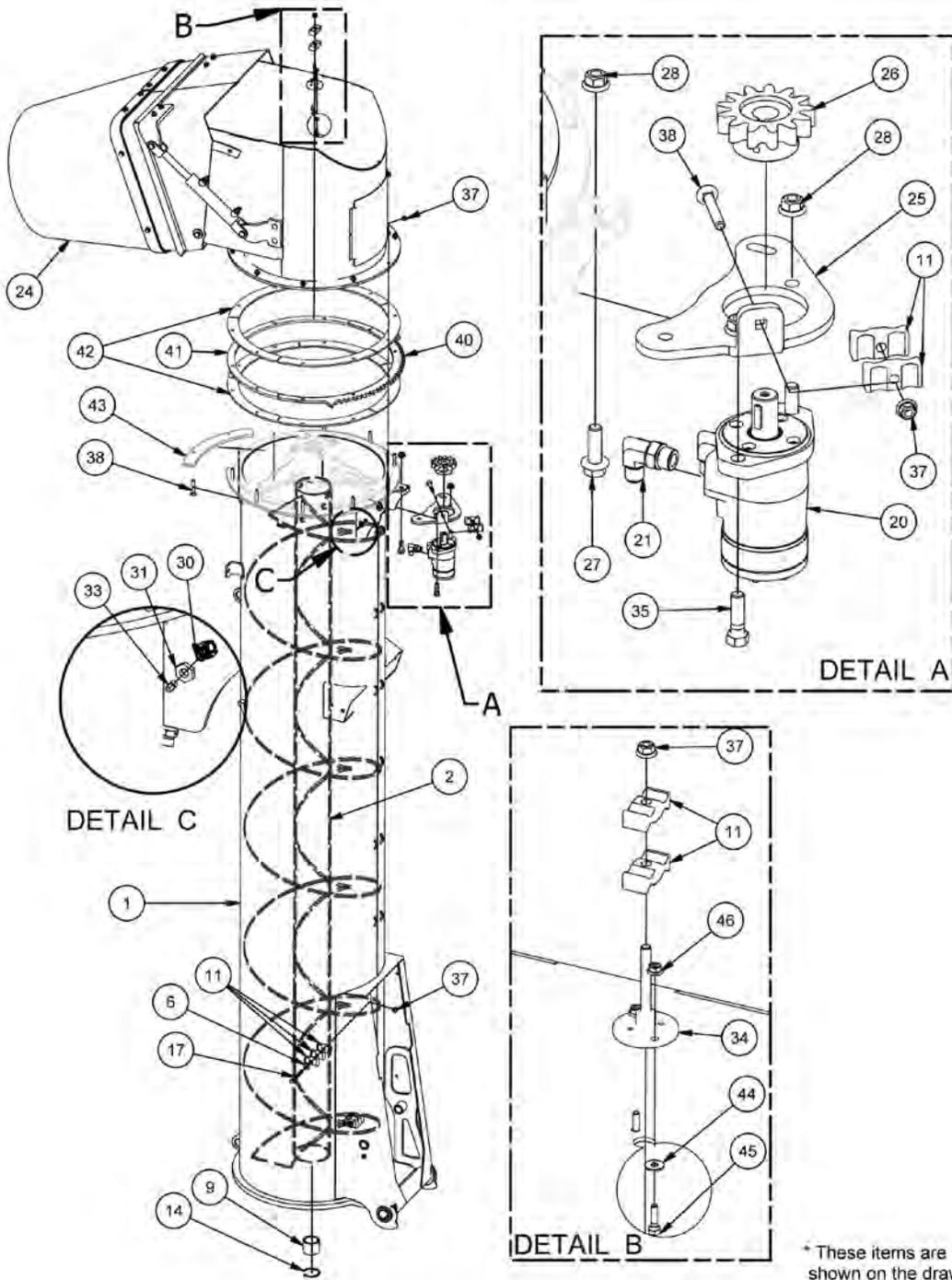


6 AUGER AND DRIVE PARTS

Auger 22" - Auger Assembly

| ITEM | Part # | Description | ITEM | Part # | Description |
|------|----------|---|------|----------|--|
| 1 | 130570XX | Anderson MB 22" Lower Auger WDMT | 33 | 10701800 | Flatwasher, 1.00 OD 3/8ID |
| 2 | 13058001 | Anderson MB - 22" Lower Auger Fighting WDMT | 34 | 11857400 | Pin, 11/4 x 3 1/2 |
| 3 | 10095306 | Auger Drive Lug Wdmt | 35 | 10722900 | Cotter Pin, 1/4x2 1/2 |
| 4 | 10111302 | Hanger Bearing Bracket - 22" | 36 | 10890000 | Grease Fitting, 1/4 UNF, 90 |
| 5 | 10700100 | Lockwasher, 5/8 | 37 | 11863500 | 18" Grease Hose |
| 6 | 10709200 | Carriage Bolt, 1/2x1 1/2 | 38 | 10293307 | Gearbox Shim |
| 7 | 10195100 | Lower Auger Adapter | 39 | 10737000 | Capscrew, 5/16x2 |
| 8 | 10167000 | 2" Shaft Adapter | 40 | 10745400 | Stover Nut, 1/4 UNC |
| 9 | 10142100 | Grain Seal | 41 | 10728900 | Capscrew, 1/4 x 3/4 |
| 10 | 10716100 | Nut, Stover, 3/4 UNC | 42 | 10712200 | Capscrew, 16 mm x 50 mm |
| 11 | 10706600 | Nut, Flange - 1/2 | 43 | 10720800 | Flatwasher, 5/8 id x 1 7/8 od |
| 12 | 10810700 | Rolling Shield Washer | 44 | 10737100 | Stover Nut, 5/16 |
| 13 | 11870000 | RH/LH Gearbox - 90 Degree | 45 | 11813700 | F209 Housing (1 3/4" Bearing) |
| 14 | 10705700 | Capscrew, 1/2x1 3/4 | 46 | 11823800 | 209 - 1 3/4: Bearing / Lock Collar Asby |
| 15 | 10723200 | Flatwasher, 1/2 | 47 | 11819501 | Bearing Housing, PA210 - Machined KML |
| 16 | 10700700 | Lockwasher, 1/2 | 48 | 11823600 | Bearing w/ Locking Collar - 2" (210) UEL210-200D1 |
| 17 | 10744100 | Reducer 11/32 - 1/4 | 49 | 10748600 | Cap Screw, Hex Head, Gr 8, 3/4 UNC x 7, YZ |
| *18 | 11855200 | Grease Fitting, Adaptor | 50 | 10740300 | Carriage Bolt, Full Thread, Gr 5, 3/8 UNC x 1, YZ |
| *19 | 10743900 | 3/8 UNF Jam Nut | 51 | 10127902 | Auger Rest Adjust Plate, GC Lower Auger, Black |
| 20 | 10883300 | Grease Fitting, Straight - 1/4" UNF | 52 | 10114602 | Latch Plate, Auger Rest - Black |
| 21 | 10726000 | Flange Nut, 3/8 | 53 | 10885200 | Cylinder Pin, 1.00OD x 4.10 |
| 22 | 10727300 | Capscrew, 3/8 x 1 | 54 | 10894700 | Cotter Pin, 3/16 x 1-1/2 |
| 23 | 10702100 | Lockwasher, 3/8 | 55 | 10113602 | Field Position Bracket - Black |
| 24 | 10143502 | Bracket Wdmt | 56 | 10886000 | Cotter Pin, 3/16 x 1-3/4 |
| 25 | 10221202 | Autolog Sensor Bracket | 57 | 10721300 | Flat Washer, USS, 3/4, YZ |
| 26 | 10702800 | Capscrew, 5/8 x 2 | 58 | 11846300 | Compression Spring, 0.9740" OD x 0.0840" wire x 2.866" L |
| 27 | 10110902 | Auger Cover Plate | 59 | 10124607 | Auger - Rest Latch Pin - Clear Zinc |
| 28 | 10057602 | Lower Auger Linkage | 60 | 10121502 | Latch Pin Bracket, Auger Rest - Black |
| 29 | 10058102 | Top Link Wdmt | 61 | 10700600 | Hex Nut, Gr 5, 1/2 UNC, YZ |
| 30 | 10143707 | Auger Linkage Pin - Bottom | 62 | 10700500 | U-Bolt, 1/2 UNC x 2 x 2 x 2, CZ |
| 31 | 10144007 | Auger Linkage Pin - Mid | | | |
| 32 | 11841000 | 4x24 Cylinder | | | |

Auger 22" - Upper Assembly

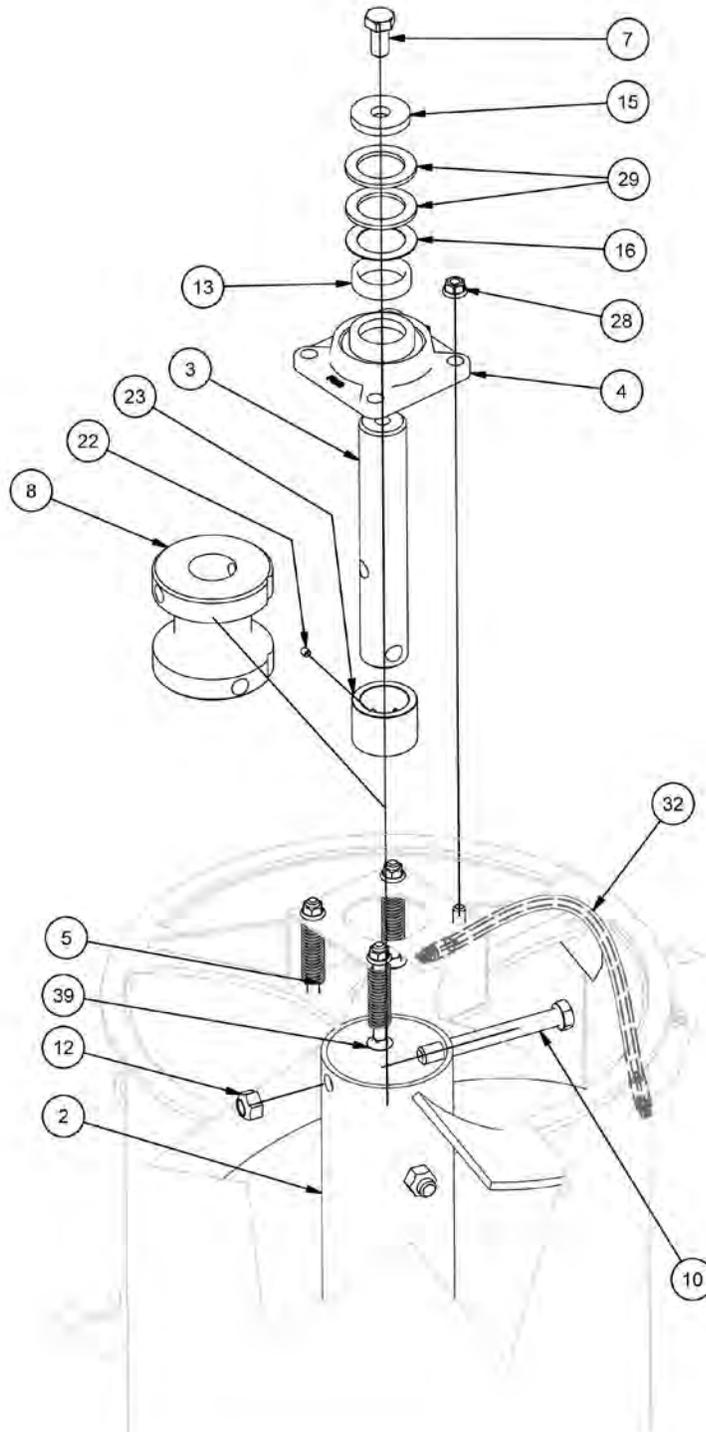


6 AUGER AND DRIVE PARTS

Auger 22" - Upper Assembly

| ITEM | Part # | Description | ITEM | Part # | Description |
|------|----------|---|------|----------|--|
| 1 | 139034XX | HM1 Upper Auger Wdmt, HM2 Double Pivot Spout, 22" - Paint Ready | 24 | 13427800 | Spout Assy, 22", LH - HM2.0 |
| 2 | 12971306 | Flighting Wdmt, Upper Auger 22" - Double Pivot | 25 | 13904402 | Plate, Motor Mount - Pivoting Spout, 22" HM1 |
| 3 | 10112207 | Vertical Auger Top Shaft | 26 | 13427602 | Spout Pinion |
| 4 | 11823400 | 2" Bearing, F210 Housing Asby | 27 | 10723600 | Flange Bolt, Hex Head, Gr 5, 1/2 UNC x 1-1/2, YZ |
| 5 | 11815300 | Top Auger Spring | 28 | 13625500 | Hex Flange Lock Nut, Top Locking, Gr C, 1/2 UNC, YZ |
| 6 | 10701800 | Flatwasher, 1.00 OD 3/8ID | 29 | 10236400 | Washer, 3.000 OD x 2.010 ID x 0.188 |
| 7 | 10707800 | Capscrew, 3/4x1 1/2 | 30 | 11855200 | Grease Fitting, Adaptor |
| 8 | 10167000 | 2" Shaft Adapter | 31 | 10743900 | 3/8 UNF Jam Nut |
| 9 | 11857300 | Bushing, Steel Spring, 2 1/2 OD x 2 ID x 1/4, 2 L | 32 | 1863500 | 18" Grease Hose |
| 10 | 10739800 | Capscrew, 3/4 x 6 1/2 UNC GR8 | 33 | 10883300 | Grease Fitting, Straight - 1/4" UNF |
| 11 | 10908800 | Hydraulic Line Clamp | 34 | 13894802 | Machined One Piece Hose Mount |
| 12 | 10716100 | Nut, Stover, 3/4 UNC | 35 | 10705700 | Cap Screw, Hex Head, Gr 5, 1/2 UNC x 1-3/4, YZ |
| 13 | 10268507 | Shaft Spacer, Auger Top | *36 | 11875600 | Cable Tie, 14" - Black |
| 14 | 11896100 | Internal Retaining Ring 2.50" | 37 | 13625400 | Hex Flange Lock Nut, Top Locking, Gr F, 3/8 UNC, YZ |
| 15 | 10291707 | Flatwasher, 2.50 x 13/16 - 3/8 | 38 | 10778500 | Carriage Bolt, Partial Thread, Gr 5, 3/8 UNC x 2-1/2, YZ |
| 16 | 10235707 | 2" ID x 1/16" - Shim | 39 | 10710800 | Carriage Bolt, Partial Thread, Gr 5, 1/2 UNC x 5, YZ |
| 17 | 10739100 | Capscrew, 3/8x3 1/2 | 40 | 13906702 | Pivot Ring, Gear Spout, 22", Half Ring, HM2.0 |
| *18 | 1186200 | NDA Self Adhesive Foam 5/8" x 3/4" 20ft | 41 | 13906802 | Pivot Ring, Quarter Plate, 22", HM2.0 |
| *19 | 11886400 | Sealant, Rock River 100% RTV - 1 Tube 300ml | 42 | 13906300 | Sliding Plate, Plastic 22" - HM 2.0 |
| 20 | 12972900 | Hydraulic Motor, Auger Spout - BMRS-160P4AIIY5 | 43 | 13906402 | Clamp Plate, Pivoting Spout, 22", HM2.0 |
| 21 | 20141400 | Hydraulic Fitting, 90Deg Elbow 8MJ/10MB | 44 | 10737700 | Flat Washer, USS, 1/4, YZ |
| 22 | 12726000 | Set Screw, Socket Head, 3/8 x 3/8 UNF | 45 | 10727200 | Cap Screw, Hex Head, Gr 5, 1/4 UNC x 1, YZ |
| 23 | 13062807 | Auger Locking Sleeve | 46 | 10736200 | Hex Flange Lock Nut, Top Locking, Gr F, 1/4 UNC, YZ |

Auger 22" - Upper Assembly Detail

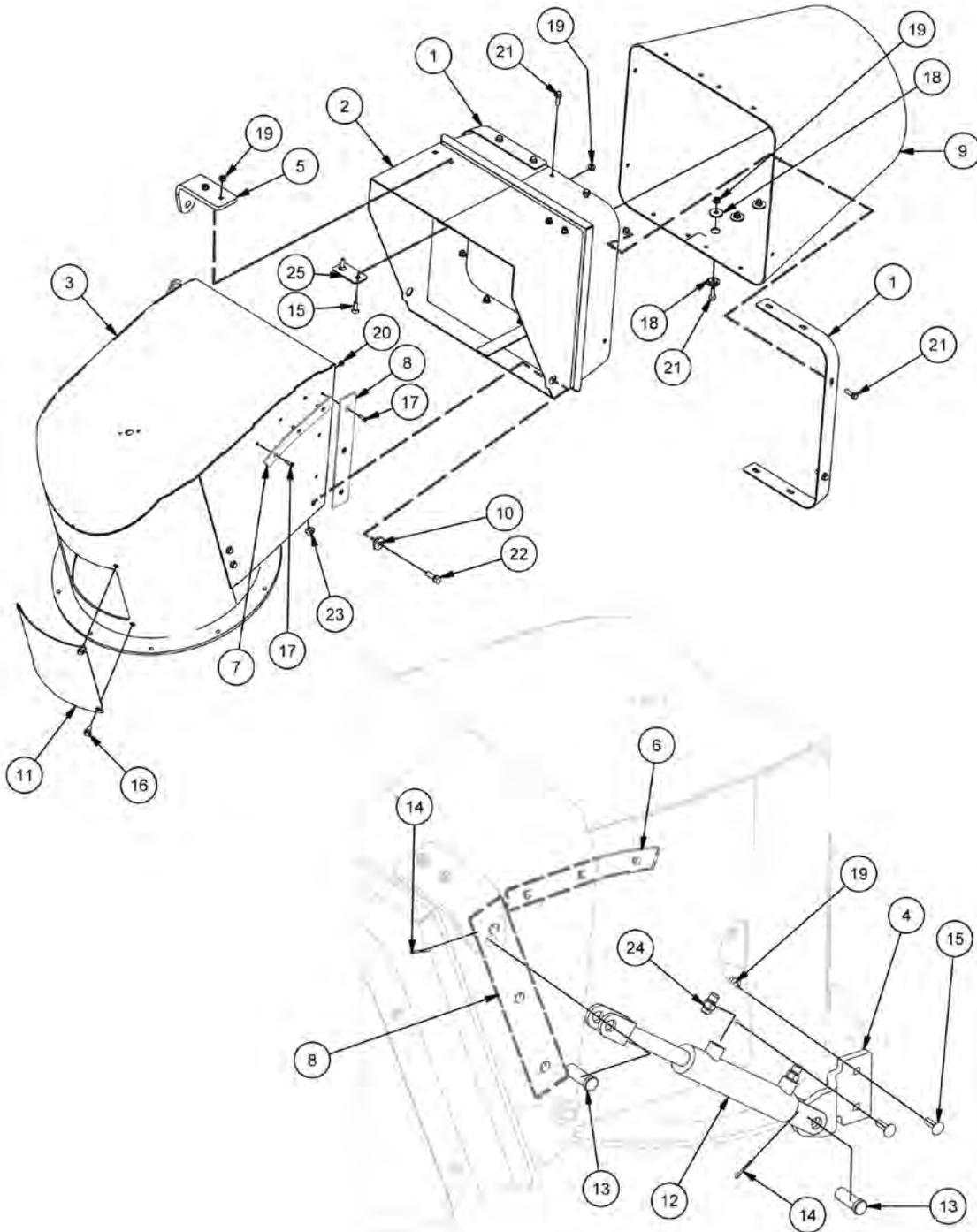


6 AUGER AND DRIVE PARTS

Auger 22" - Upper Assembly Detail

| ITEM | Part # | Description | ITEM | Part # | Description |
|------|----------|---|------|----------|--|
| 1 | 139034XX | HM1 Upper Auger Wdmt, HM2 Double Pivot Spout, 22" - Paint Ready | 24 | 13427800 | Spout Assy, 22", LH - HM2.0 |
| 2 | 12971306 | Flighting Wdmt, Upper Auger 22" - Double Pivot | 25 | 13904402 | Plate, Motor Mount - Pivoting Spout, 22" HM1 |
| 3 | 10112207 | Vertical Auger Top Shaft | 26 | 13427602 | Spout Pinion |
| 4 | 11823400 | 2" Bearing, F210 Housing Asby | 27 | 10723600 | Flange Bolt, Hex Head, Gr 5, 1/2 UNC x 1-1/2, YZ |
| 5 | 11815300 | Top Auger Spring | 28 | 13625500 | Hex Flange Lock Nut, Top Locking, Gr C, 1/2 UNC, YZ |
| 6 | 10701800 | Flatwasher, 1.00 OD 3/8ID | 29 | 10236400 | Washer, 3.000 OD x 2.010 ID x 0.188 |
| 7 | 10707800 | Capscrew, 3/4x1 1/2 | 30 | 11855200 | Grease Fitting, Adaptor |
| 8 | 10167000 | 2" Shaft Adapter | 31 | 10743900 | 3/8 UNF Jam Nut |
| 9 | 11857300 | Bushing, Steel Spring, 2 1/2 OD x 2 ID x 1/4, 2 L | 32 | 1863500 | 18" Grease Hose |
| 10 | 10739800 | Capscrew, 3/4 x 6 1/2 UNC GR8 | 33 | 10883300 | Grease Fitting, Straight - 1/4" UNF |
| 11 | 10908800 | Hydraulic Line Clamp | 34 | 13894802 | Machined One Piece Hose Mount |
| 12 | 10716100 | Nut, Stover, 3/4 UNC | 35 | 10705700 | Cap Screw, Hex Head, Gr 5, 1/2 UNC x 1-3/4, YZ |
| 13 | 10268507 | Shaft Spacer, Auger Top | *36 | 11875600 | Cable Tie, 14" - Black |
| 14 | 11896100 | Internal Retaining Ring 2.50" | 37 | 13625400 | Hex Flange Lock Nut, Top Locking, Gr F, 3/8 UNC, YZ |
| 15 | 10291707 | Flatwasher, 2.50 x 13/16 - 3/8 | 38 | 10778500 | Carriage Bolt, Partial Thread, Gr 5, 3/8 UNC x 2-1/2, YZ |
| 16 | 10235707 | 2" ID x 1/16" - Shim | 39 | 10710800 | Carriage Bolt, Partial Thread, Gr 5, 1/2 UNC x 5, YZ |
| 17 | 10739100 | Capscrew, 3/8x3 1/2 | 40 | 13906702 | Pivot Ring, Gear Spout, 22", Half Ring, HM2.0 |
| *18 | 1186200 | NDA Self Adhesive Foam 5/8" x 3/4" 20ft | 41 | 13906802 | Pivot Ring, Quarter Plate, 22", HM2.0 |
| *19 | 11886400 | Sealant, Rock River 100% RTV - 1 Tube 300ml | 42 | 13906300 | Sliding Plate, Plastic 22" - HM 2.0 |
| 20 | 12972900 | Hydraulic Motor, Auger Spout - BMRS-160P4AIIY5 | 43 | 13906402 | Clamp Plate, Pivoting Spout, 22", HM2.0 |
| 21 | 20141400 | Hydraulic Fitting, 90Deg Elbow 8MJ/10MB | 44 | 10737700 | Flat Washer, USS, 1/4, YZ |
| 22 | 12726000 | Set Screw, Socket Head, 3/8 x 3/8 UNF | 45 | 10727200 | Cap Screw, Hex Head, Gr 5, 1/4 UNC x 1, YZ |
| 23 | 13062807 | Auger Locking Sleeve | 46 | 10736200 | Hex Flange Lock Nut, Top Locking, Gr F, 1/4 UNC, YZ |

Auger 22" - Chute Adjustment

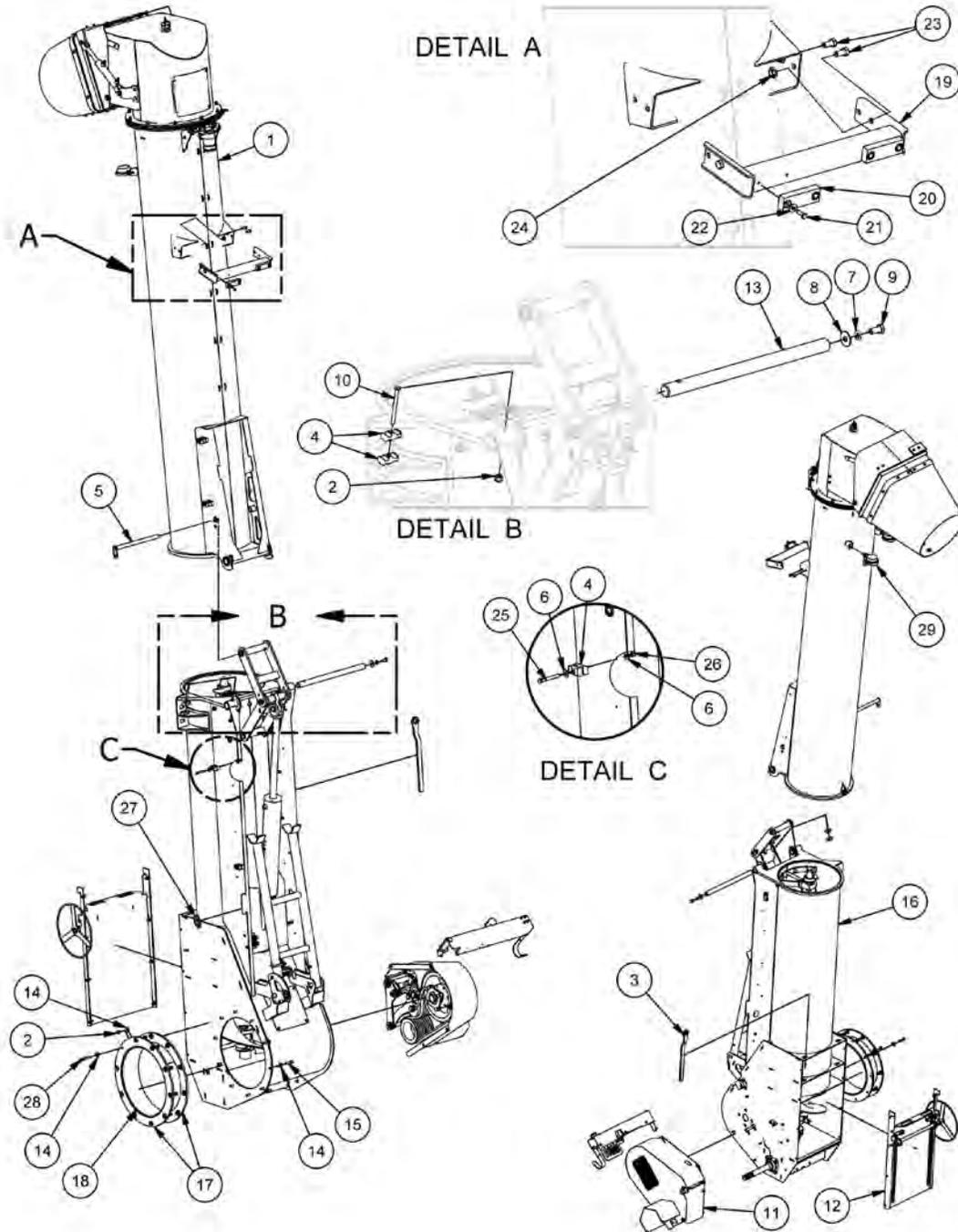


6 AUGER AND DRIVE PARTS

Auger 22" - Chute Adjustment

| ITEM | Part # | Description |
|------|----------|--|
| 1 | 13431802 | Chute Strap, ^{22"} , Rounded, HM ^{2.0} |
| 2 | 13427902 | Spout Wdmt, Pivoting, Rounded, 22", HM2.0 |
| 3 | 13428002 | Spout Wdmt, Rotating, ^{22"} , HM ^{2.0} |
| 4 | 13429602 | Plate, Cylinder Mount - HM ^{2.0} |
| 5 | 13429502 | Plate, Cylinder Mount, Downspout - HM ^{2.0} |
| 6 | 13324700 | Wear Block, RH, Auger Spout |
| 7 | 13324600 | Wear Block, LH, Auger Spout |
| 8 | 13266700 | Wear Plate - Auger Spout |
| 9 | 13334600 | Rubber, Spout - ^{22"} Auger Spout HM ^{2.0} |
| 10 | 11637107 | Swing Arm Retainer |
| 11 | 13429702 | Cover Plate, Spout, 24" - HM2.0 |
| 12 | 11821200 | ^{1.5"} x ^{6"} Cylinder |
| 13 | 10899700 | Cylinder Pin, ^{0.75} od x ^{2.75} |
| 14 | 10713600 | Cotter Pin, ¹ / ₈ x ¹ |
| 15 | 10712700 | Carriage Bolt, Full Thread, Gr ⁵ , ³ / ₈ UNC x ¹⁻¹ / ₄ , YZ |
| 16 | 10718400 | Flange Bolt, Hex Head, Gr ⁵ , ³ / ₈ UNC x ³ / ₄ , YZ |
| 17 | 10730800 | Flathead Screw,socket, ¹ / ₄ x ¹ |
| 18 | 13286107 | Bushing, Rubber Spout |
| 19 | 13625400 | Hex Flange Lock Nut, Top Locking, Gr F, ³ / ₈ UNC, YZ |
| 20 | 10736200 | Hex Flange Lock Nut, Top Locking, Gr F, ¹ / ₄ UNC, YZ |
| 21 | 10746100 | Flange Bolt, Hex Head, Gr ⁵ , ³ / ₈ UNC x ¹⁻¹ / ₄ , YZ |
| 22 | 10708600 | Cap Screw, Hex Head, Gr ⁵ , ¹ / ₂ UNC x ¹⁻¹ / ₂ , YZ |
| 23 | 13625500 | Hex Flange Lock Nut, Top Locking, Gr C, ¹ / ₂ UNC, YZ |
| 24 | 13635000 | ⁶ MJ- ⁶ MB Manifold Port Str Fitting ⁹ / ₁₆ MaleJIC & ORB |
| 25 | 13794702 | Brace, Cylinder Mount, Down Spout - HM ^{2.0} |

Auger 22" - Chute Assembly

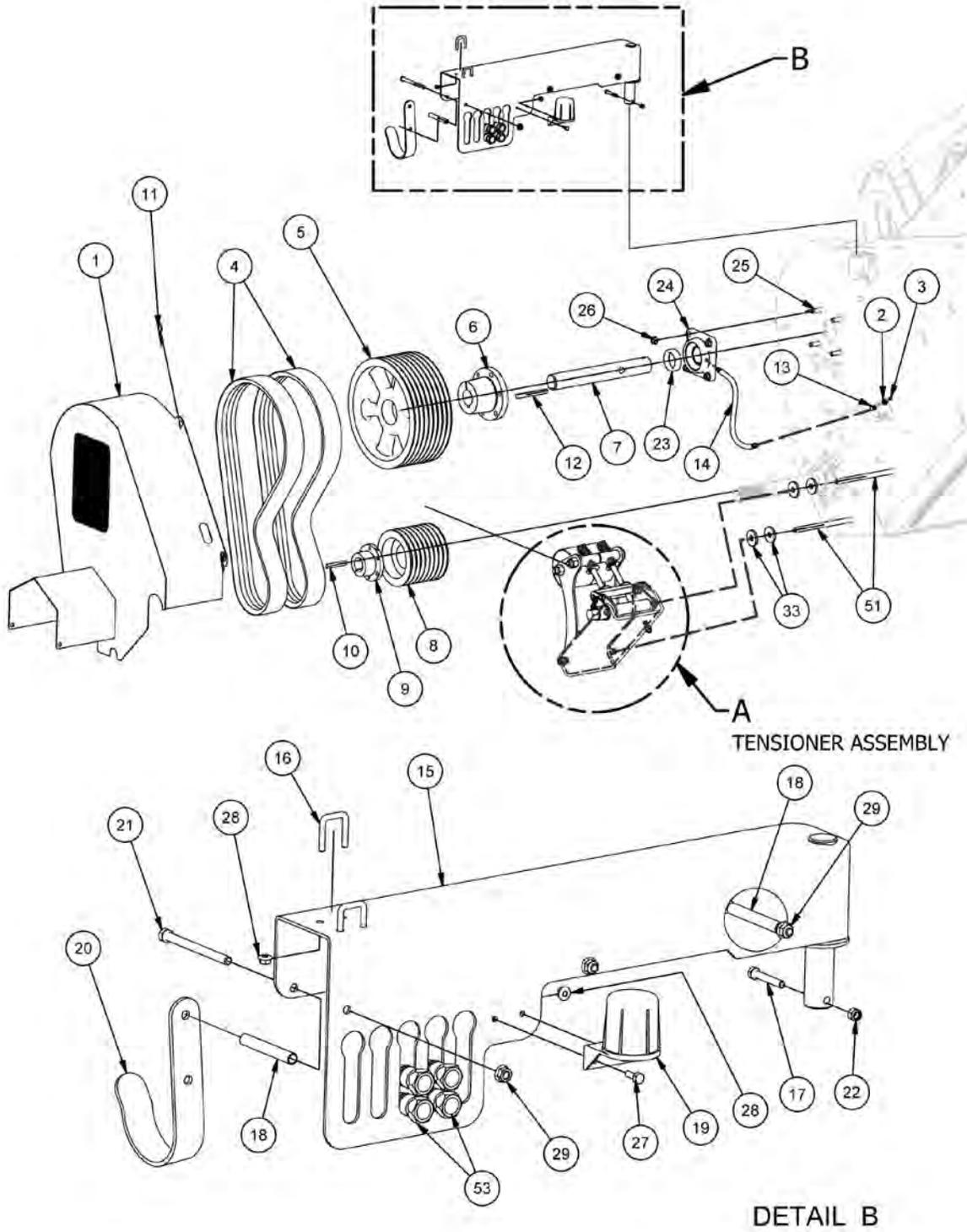


6 AUGER AND DRIVE PARTS

Auger 22" - Chute Assembly

| ITEM | Part # | Description |
|------|----------|---|
| 1 | 13904500 | 22" HM ¹ Upper Auger, Pivoting HM ² Spout |
| 2 | 10700800 | Nylon Locknut, 1/2 |
| 3 | 10120907 | GC Gate/BP Adjustment Tool |
| 4 | 10908800 | Hydraulic Line Clamp |
| 5 | 10143807 | Auger Linkage Pin - Top |
| 6 | 10701800 | Flatwasher, 1.00 OD 3/4ID |
| 7 | 10700100 | Lockwasher, 5/8 |
| 8 | 10720800 | Flatwasher, 5/8 id x 1 7/8 od |
| 9 | 10727900 | Capscrew, 5/8 x1 1/4 |
| 10 | 10730000 | Capscrew, 3/8x4 1/2 |
| 11 | 10367000 | Auger Drive Assembly, 22" Mother Bin w/o PTO |
| 12 | 10366900 | Auger 22" CleanOut Chute Asmbly |
| 13 | 10116407 | Auger Hinge Pin |
| 14 | 10723200 | Flatwasher, 1/2 |
| 15 | 10739400 | Capscrew, 1/2x2 |
| 16 | 130590XX | Auger Lower 22" |
| 17 | 10055900 | Spacer Ring Flange |
| 18 | 10055800 | Auger Spacer Ring |
| 19 | 10141402 | Auger Rest |
| 20 | 11614900 | Rubber Block |
| 21 | 10700900 | Capscrew, 5/16 x 1 |
| 22 | 10734500 | Flatwasher, 5/16 .375id x .875od |
| 23 | 10708100 | Capscrew, 1/2x1 |
| 24 | 10706600 | Nut, Flange - 1/2 |
| 25 | 10737200 | Capscrew, 3/8x3 |
| 26 | 10736400 | Locknut, Nylon Insert, 3/8 |
| 27 | 10897500 | Grommet Rubber 3.00"od x 2.10"id |
| 28 | 10723300 | Cap Screw, Hex Head, Gr 5, 1/2 UNC x 2-1/2, YZ |
| 29 | 13273800 | LED Work Light with Connector |

Auger 22" - Drive Belt Assembly

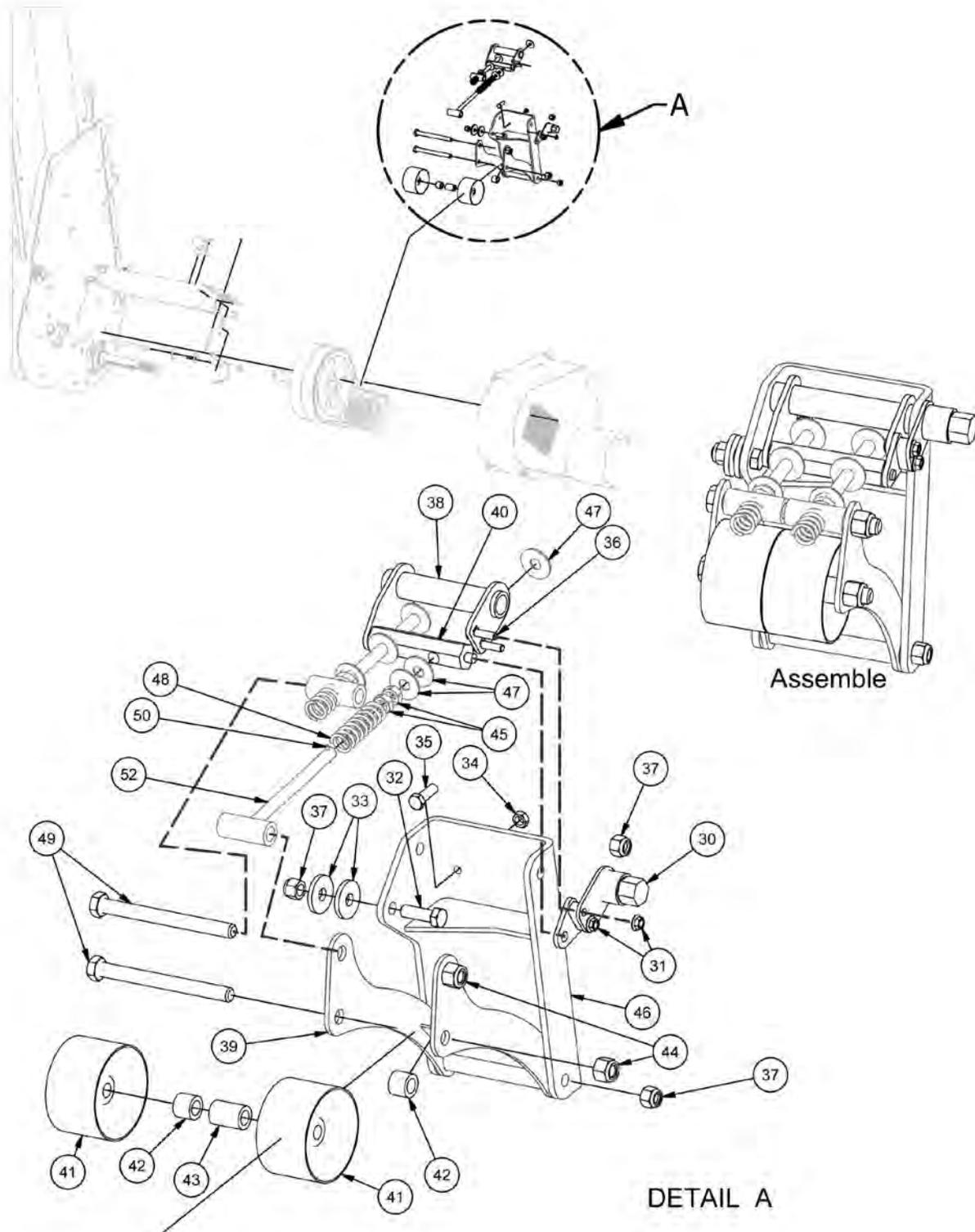


6 AUGER AND DRIVE PARTS

Auger 22" - Drive Belt Assembly

| ITEM | Part # | Description | ITEM | Part # | Description |
|------|----------|---|------|----------|--|
| 1 | 10144302 | Shield Wdmt | 28 | 10736200 | Hex Flange Lock Nut, Top Locking, Gr F, 1/4 UNC, YZ |
| 2 | 10743900 | 3/8 UNF Jam Nut | 29 | 10726000 | Hex Flange Nut, Serrated, Gr 5, 3/8 UNC, YZ |
| 3 | 10883300 | Grease Fitting, Straight - 1/4" UNF | 30 | 10125507 | Tensioner Hex Shaft Assembly |
| 4 | 11859300 | ⁵ V- ⁷⁵⁰ / ₄ V-Belt | 31 | 10726000 | Flange Nut, 3/8 |
| 5 | 11853500 | ⁸ / ₅ V ^{14.0} - QD-F Pulley | 32 | 10702800 | Capscrew, 5/8 x 2 |
| 6 | 11853900 | 2" Pulley Bearing | 33 | 10810700 | Rolling Shield Washer |
| 7 | 10112407 | Drag Auger Front Drive Shaft | 34 | 10707000 | Hex Jam Nut, 1/2 |
| 8 | 11854600 | Pulley ⁸ x ⁵ V, ⁷ , ¹⁰ od | 35 | 10708600 | Capscrew, 1/2 x 1 1/2 |
| 9 | 11819800 | 1 3/4" QD-SF 3/8" Key - Bushing | *36 | 10709600 | Carriage Bolt, 3/8x1 1/2 |
| 10 | 11859900 | ^{0.375} x ^{0.375} x ^{3.00} Key | 37 | 10700400 | Locknut, Nylon, 5/8 |
| 11 | 10800400 | Hair Pin Clip | 38 | 10038702 | Tensioner Cam Wdmt |
| 12 | 11887000 | ^{0.5} x ^{0.5} Keystock - ^{4.50} | 39 | 10090602 | Belt Tensioner Arm Wdmt |
| 13 | 11855200 | Grease Fitting, Adaptor | 40 | 10038507 | Slide Block |
| 14 | 11863500 | 18" Grease Hose | 41 | 11853200 | ^{5.00} x ^{3.00} Idler Pulley - 3/4" Bearing |
| 15 | 10145102 | Hose Bracket Wdmt | 42 | 10153907 | Bushing, 3/4 x 1 1/4 x 1 |
| 16 | 10741700 | U-Bolt, 1/4x1x1.25 | 43 | 10155907 | Bushing, 3/4 x 1 1/4 x 1 13/16 |
| 17 | 10737000 | Capscrew, 5/16x2 | 44 | 10709500 | Locknut, Nylon, 3/4 |
| *18 | 13259700 | Support Tube, Hose Bracket - Clear Zinc | 45 | 10708500 | Hex Jam Nut, 5/8 RH |
| *19 | 11847400 | Cord Holder | 46 | 10168902 | Belt Tensioner Base Wdmt |
| 20 | 11604802 | PTO Bracket | 47 | 10720800 | Flatwasher, 5/8 id x 1 7/8 od |
| 21 | 10730000 | Capscrew, 3/8x4 1/2 | 48 | 11859200 | Spring, ^{1.203} " x ^{0.173} " x ^{3.5} " |
| 22 | 10740500 | Locknut, nylon insert, 5/16 | 49 | 10739900 | Capscrew, 3/4 x 8 |
| 23 | 11823600 | Bearing w/Locking Collar - 2" (²¹⁰) UEL ^{210_200D} ¹ | 50 | 10715100 | Roll Pin, 13/64 x 1.000 |
| 24 | 13792600 | Housing F ²¹⁰ (NTN) - Machined | 51 | 10732800 | Capscrew, 5/8 x 9 1/2 |
| 25 | 10736700 | Carriage Bolt, Full Thread, Gr 5, 1/2 UNC x 1-3/4, YZ | 52 | 13905007 | Tensioner Adjustment, Motherbin |
| 26 | 10706600 | Hex Flange Nut, Serrated, Gr 5, 1/2 UNC x 3/4, YZ | 53 | 20020400 | Hydraulic Coupler (Pioneer ^{8010-4P}) |
| 27 | 10728900 | Cap Screw, Hex Head, Gr 5, 1/4 UNC x 3/4, YZ | | | |

Auger 22" - Drive Belt Tensioner Assembly

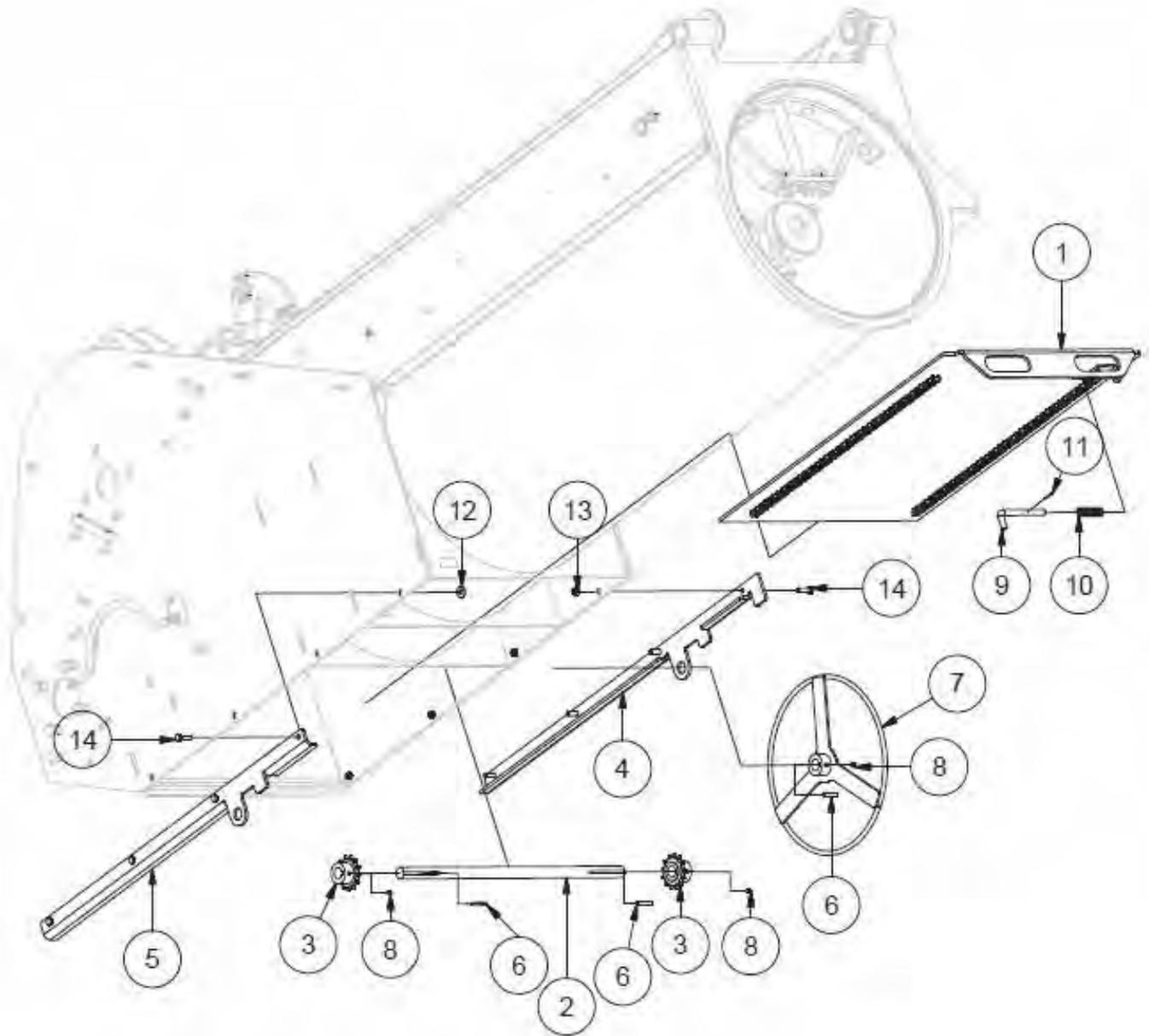


6 AUGER AND DRIVE PARTS

Auger 22" - Drive Belt Tensioner Assembly

| ITEM | Part # | Description | ITEM | Part # | Description |
|------|----------|--|------|----------|--|
| 1 | 10144302 | Shield Wdmt | 28 | 10736200 | Hex Flange Lock Nut, Top Locking, Gr F, 1/4 UNC, YZ |
| 2 | 10743900 | 3/8 UNF Jam Nut | 29 | 10726000 | Hex Flange Nut, Serrated, Gr 5, 3/8 UNC, YZ |
| 3 | 10883300 | Grease Fitting, Straight - 1/4" UNF | 30 | 10125507 | Tensioner Hex Shaft Assembly |
| 4 | 11859300 | ⁵ V- ⁷⁵⁰ / ₄ V-Belt | 31 | 10726000 | Flange Nut, 3/8 |
| 5 | 11853500 | ⁸ / ₅ V ^{14.0} - QD-F Pulley | 32 | 10702800 | Capscrew, 5/8 x 2 |
| 6 | 11853900 | 2" Pulley Bushing | 33 | 10810700 | Rolling Shield Washer |
| 7 | 10112407 | Drag Auger Front Drive Shaft | 34 | 10707000 | Hex Jam Nut, 1/2 |
| 8 | 11854600 | Pulley ⁸ x ⁵ V, ^{7.10} od | 35 | 10708600 | Capscrew, 5/8 x 2 |
| 9 | 11819800 | 1 3/4" QD-SF - 3/8" key - Bushing | *36 | 10709600 | Carriage Bolt, 3/8x1 1/2 |
| 10 | 11859900 | ^{0.375} x ^{0.375} x ^{3.00} Key | 37 | 10700400 | Locknut, Nylon, 5/8 |
| 11 | 10800400 | Hair Pin Clip | 38 | 10038702 | Tensioner Cam Wdmt |
| 12 | 11887000 | ^{0.5} x ^{0.5} Keystock - ^{4.50} | 39 | 10090602 | Belt Tensioner Arm Wdmt |
| 13 | 11855200 | Grease Fitting, Adaptor | 40 | 10038507 | Slide Block |
| 14 | 11863500 | 18" Grease Hose | 41 | 11853200 | ^{5.00} x ^{3.00} Idler Pulley - 3/4" Bearing |
| 15 | 10145102 | Hose Bracket Wdmt | 42 | 10153907 | Bushing, 3/4 x 1 1/4x1 |
| 16 | 10741700 | U-Bolt, 1/4x1x1.25 | 43 | 10155907 | Bushing, 3/4 x 1 1/4 x 1 13/16 |
| 17 | 10737000 | Capscrew, 5/16x2 | 44 | 10709500 | Locknut, Nylon, 3/4 |
| *18 | 13259700 | Support Tube, Hose Bracket - Clear Zinc | 45 | 10708500 | Hex Jam Nut, 5/8 RH |
| *19 | 11847400 | Cord Holder | 46 | 10168902 | Belt Tensioner Base Wdmt |
| 20 | 11604802 | PTO Bracket | 47 | 10720800 | Flatwasher, 5/8 id x 1 7/8 od |
| 21 | 10730000 | Capscrew, 3/8x4 1/2 | 48 | 11859200 | Spring, ^{1.203} " x ^{0.173} " x ^{3.5} " |
| 22 | 10740500 | Locknut, nylon insert, 5/16 | 49 | 10739900 | Capscrew, 3/4x8 |
| 23 | 11823600 | Bearing w/Locking Collar - 2" (²¹⁰) UEL ^{210_200D} 1 | 50 | 10715100 | Roll Pin, 13/64 x 1.00 |
| 24 | 13792600 | Housing F ²¹⁰ (NTN) - Machined | 51 | 10732800 | Capscrew, 5/8 x 9 1/2 |
| 25 | 10736700 | Carriage Bolt, Full Thread, Gr 5 1/2 UNC x 1-3/4, YZ | 52 | 13905007 | Tensioner Adjustment, Motherbin |
| 26 | 10706600 | Hex Flange Nut, Serrated, Gr 5, 1/2 UNC x 3/4, YZ | 53 | 20020400 | Hydraulic Coupler (Pioneer ⁸⁰¹⁰ -4P) |
| 27 | 10728900 | Cap Screw, Hex Head, Gr 5, 1/4 UNC x 3/4, YZ | | | |

Auger Clean Out Gate

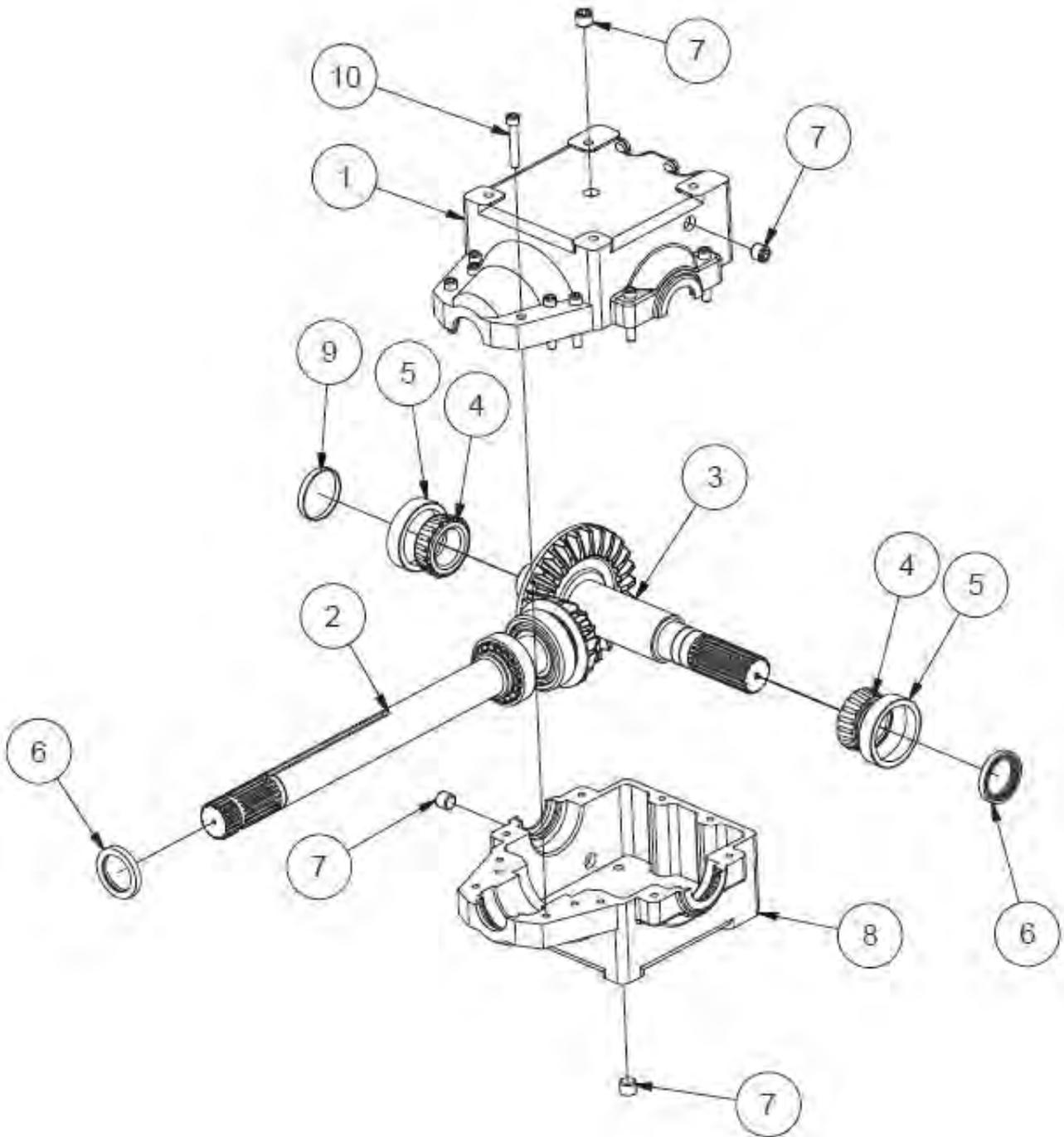


6 AUGER AND DRIVE PARTS

Auger Clean Out Gate

| ITEM | Part # | Description |
|------|----------|---|
| 1 | 10164502 | Auger Gate Wdmt - 20" Auger |
| | 10111702 | Auger Gate Wdmt - 22" Auger |
| 2 | 10164807 | Auger Cleanout Gate Shaft - 20" Auger |
| | 10151107 | Auger Cleanout Gate Shaft - 22" Auger |
| 3 | 10151007 | Sprocket - #50 - 13T |
| 4 | 10150702 | Auger Gate Shaft Holder RH |
| 5 | 10153702 | Auger Gate Shaft Holder - LH |
| 6 | 11859800 | Key, 0.25 x 0.25 x 1.50 |
| 7 | 10150902 | Crank Pulley Wdmt |
| 8 | 10705100 | Set Screw, Socket Head, $\frac{3}{8}$ x $\frac{3}{8}$ UNC |
| 9 | 10104007 | Gate Latch Pin |
| 10 | 11057400 | Compression Spring 2.0 x .625 |
| 11 | 10712100 | Roll Pin, $\frac{1}{8}$ x 1 |
| 12 | 10701800 | Flatwasher, $\frac{3}{8}$ id |
| 13 | 10736400 | Locknut, Nylon Insert, $\frac{3}{8}$ |
| 14 | 10735700 | Capscrew, $\frac{3}{8}$ x $1\frac{1}{4}$ |

Auger Drive - Gear Box

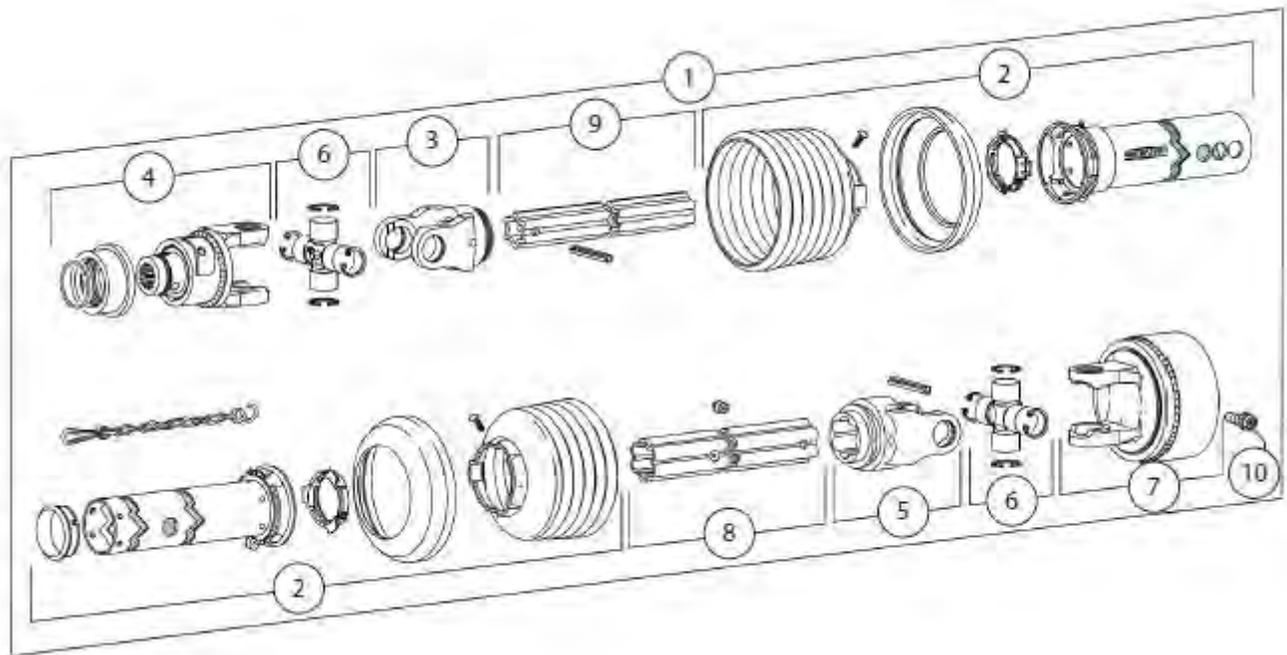


6 AUGER AND DRIVE PARTS

Auger Drive - Gear Box

| ITEM | Part # | Description |
|------|----------|-------------------------------------|
| 1 | 11870800 | Gear Box - Top Casting |
| 2 | 11870400 | Long Shaft - Gear Assembly |
| 3 | 11870100 | R600 Cross Shaft/Gear Sub Asby |
| 4 | 11870200 | 1.75" ID Bearing Cup - Timken 25580 |
| 5 | 11870300 | Outer Cone - Timken 25520 |
| 6 | 11870900 | 1.75" Seal |
| 7 | 11871000 | Plug 1/2" NPT |
| 8 | 11871300 | Gear Box - Bottom Casing |
| 9 | 11871100 | Seal Cap F0317 |
| 10 | 7524 | Hex Capscrew, 3/8 x 2.25 |

PTO - Shaft Assembly

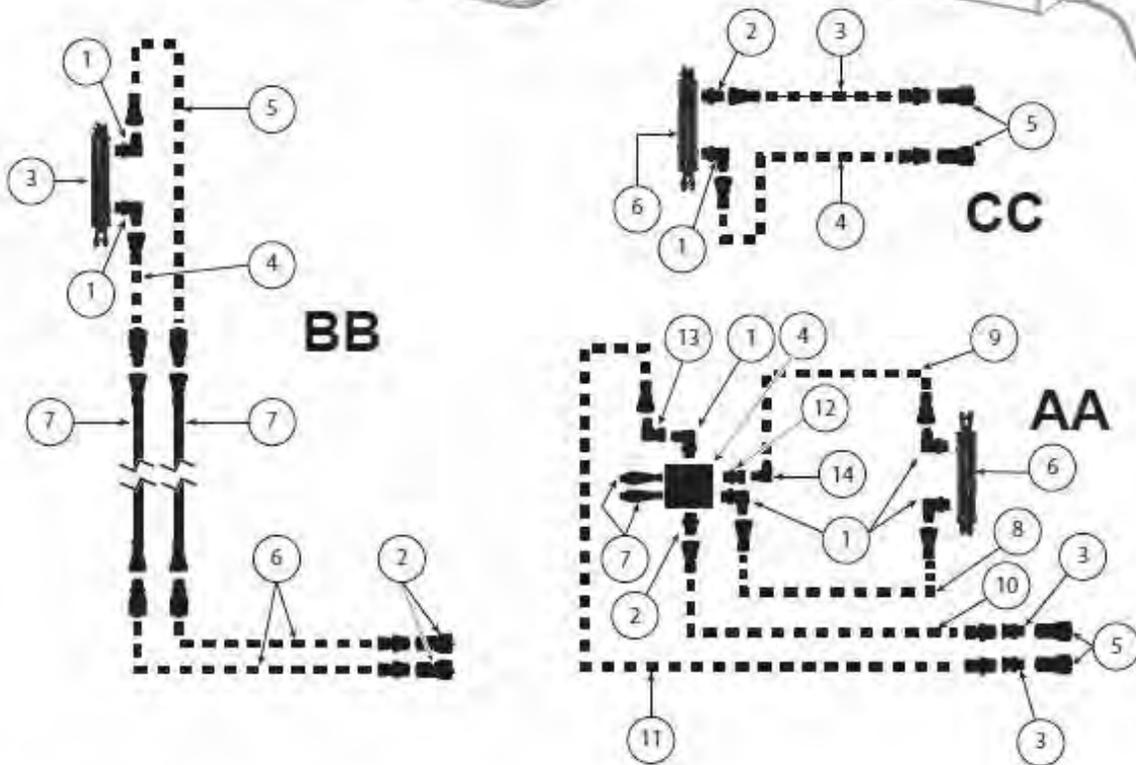
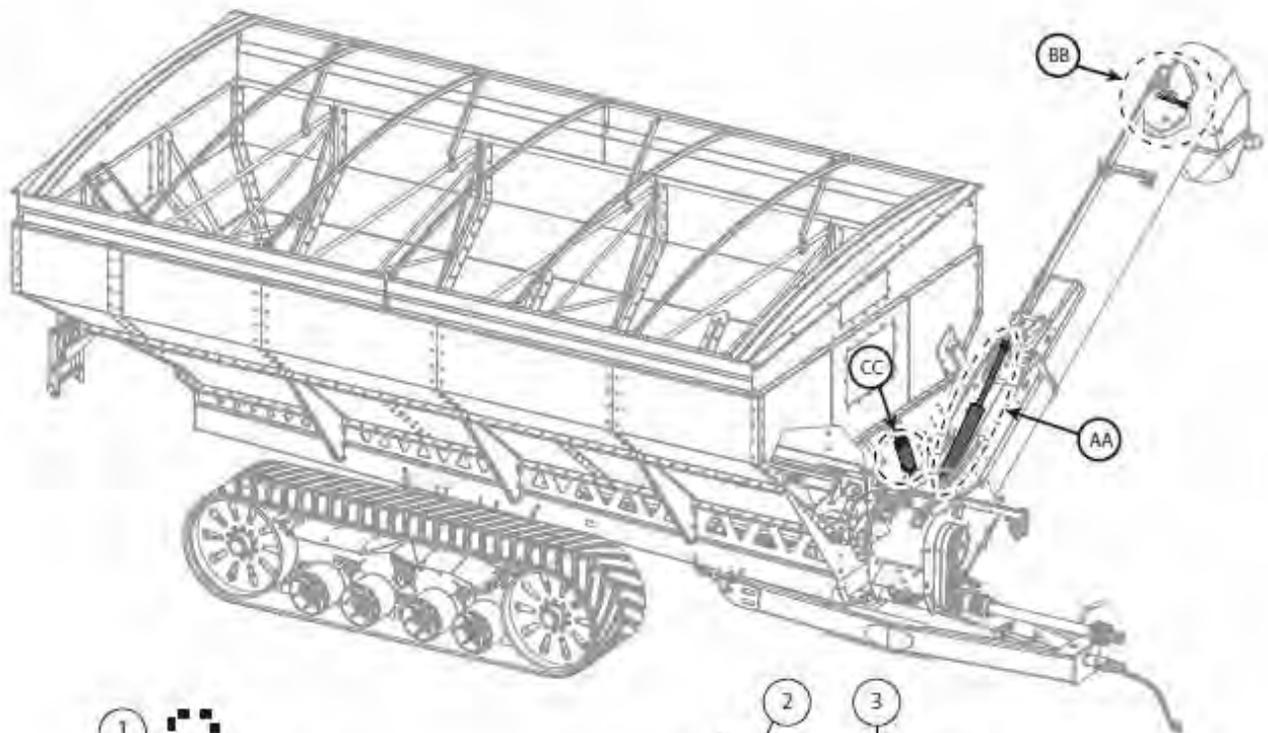


6 AUGER AND DRIVE PARTS

PTO - Shaft Assembly

| ITEM | Part # | Description |
|------|----------|---|
| 1 | 11853400 | PTO Shaft Complete Assembly |
| 2 | 12750400 | PTO Shaft Outer Guard Tube |
| 3 | 12719000 | Inboard Yoke S4 |
| 4 | 12719400 | PTO Over Running Clutch |
| 5 | 12719100 | Inboard Yoke S5 |
| 6 | 12719300 | PTO Cross and Bearing Kit |
| 7 | 12719500 | Cut-Out Clutch |
| 8 | 12719600 | PTO Shaft (Outerspline Tube) Profile-S5GL |
| 9 | 12719700 | PTO Shaft (Inner Spline Tube) SGL5A |
| 10 | 12719200 | PTO Kit "CC Lock-In" |

Hydraulic System - Grain Cart



6 AUGER AND DRIVE PARTS

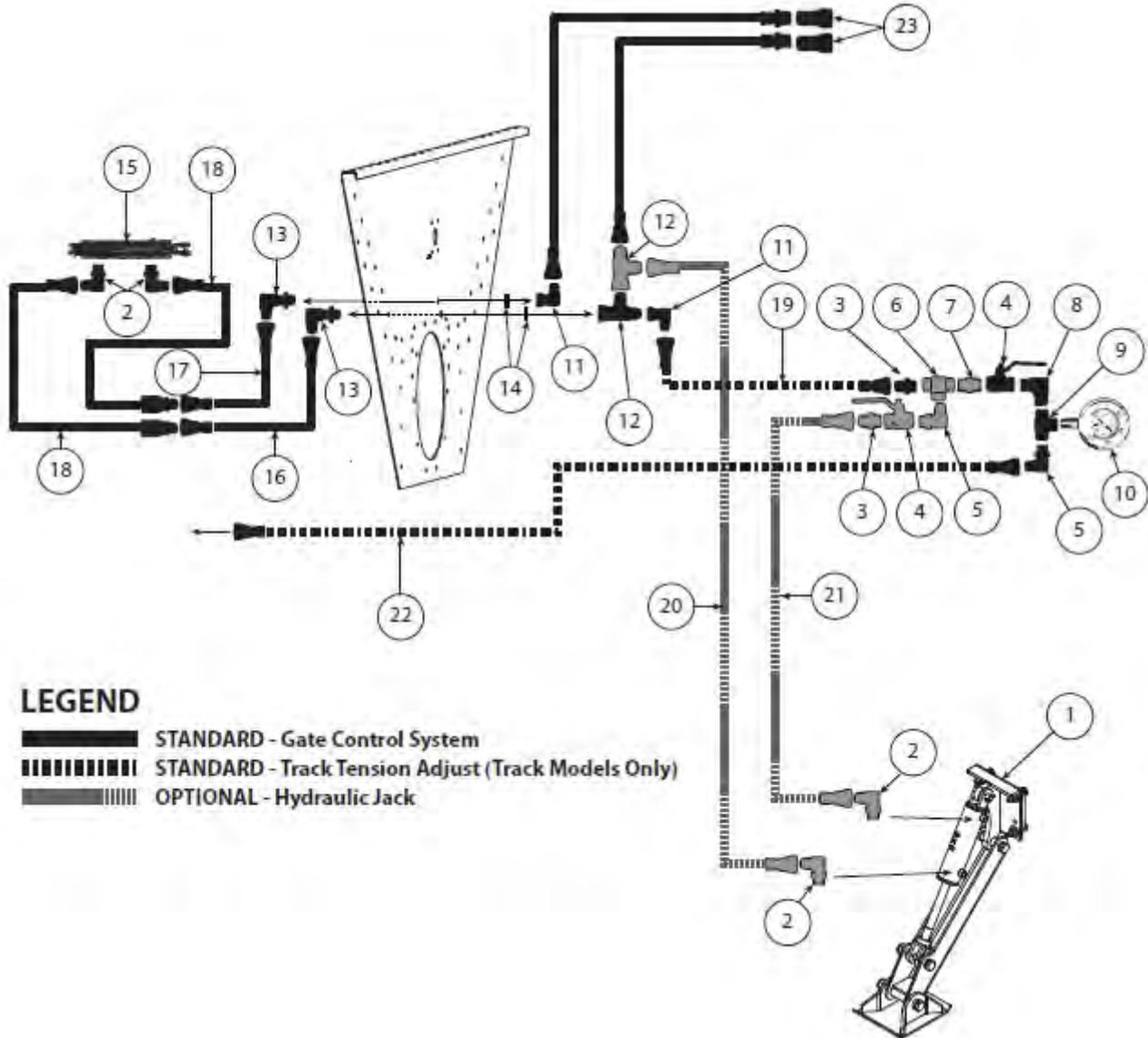
Hydraulic System - Grain Cart

| ITEM | Part # | Description - SECTION AA |
|------|----------|---|
| 1 | 20016700 | 90 Elbow 8MJ/8MB |
| 2 | 20015600 | Straight 8MB/8MJ |
| 3 | 20015400 | Straight Restrictor 8MP/8FPX 1/16 Orifice |
| 4 | 11861900 | Manifold Block |
| 5 | 20020400 | Hydraulic Quick Coupler |
| 6 | 11841000 | Cylinder, Double Acting, 4 x 24 |
| 7 | 11862100 | Counter Balance Valve Cartridge |
| 8 | 20027700 | Hose, 10" 6G-8FJX/8FJX |
| 9 | 20027600 | Hose, 26" 6G-8FJX/8FJX |
| 10 | 20027800 | Hose, 156" 6G-8FJX/8MP |
| 11 | 20027900 | Hose, 164" 6G-8FJX/8MP |
| 12 | 20016500 | Straight 8MB/8FJX |
| 13 | 20015300 | 90 Elbow 8MJ/8FJX |
| 14 | 20016200 | 90 Elbow 8MJ/8MJ |

| ITEM | Part # | Description - SECTION BB |
|------|----------|------------------------------------|
| 1 | 20016700 | 90 Elbow 8MJ/8MB |
| 2 | 20020400 | Hydraulic Quick Coupler |
| 3 | 11821200 | Cylinder, Double Acting, 1 1/2 x 6 |
| 4 | 20028000 | Hose, 12" 6G-8FJX/8MJ |
| 5 | 20028100 | Hose, 20" 6G-8FJX/8MJ |
| 6 | 20028200 | Hydraulic Hose, 291" 6G-8MJ/8MP |
| 7 | 20032000 | Hydraulic Pipe, 111" 8FJX/8FJX |

| ITEM | Part # | Description - SECTION CC |
|------|----------|--------------------------|
| 1 | 20016700 | 90 Elbow 8MJ/8MB |
| 2 | 20015600 | Straight 8MB/8MJ |
| 3 | 20027800 | Hose, 156" 6G-8FJX/8MP |
| 4 | 20027900 | Hose, 164" 6G-8FJX/8MP |
| 5 | 20020400 | Hydraulic Quick Coupler |
| 6 | 11837000 | Cylinder, Phasing, 4 x 8 |

Hydraulic System - Gate Control-Track Tension/Optional Hydraulic Jack



6 AUGER AND DRIVE PARTS

Hydraulic System - Gate Control-Track Tension/Optional Hydraulic Jack

| ITEM | Part # | Description |
|------|----------|--|
| 1 | 10294600 | Hydraulic Jack Assembly |
| 2 | 20016700 | Hydraulic Fitting, 90 Elbow 8MJ/8MB |
| 3 | 20014200 | Hydraulic Fitting, Adaptor 8MJ/8MP |
| 4 | 20018000 | Hydraulic, 1/2" Hand Ball Valve |
| 5 | 20015700 | Hydraulic Fitting, 90 Elbow 8MP/8MJ |
| 6 | 20016400 | Hydraulic Fitting, Tee 8FP/8FP/8FP |
| 7 | 20014800 | Hydraulic Fitting, 8MP/8MP |
| 8 | 20016800 | Hydraulic Fitting, 90 Elbow 8MP/8MP |
| 9 | 20014600 | Hydraulic Reducer, 8MP-8MP-4FP Tee |
| 10 | 20020600 | Pressure Gauge |
| 11 | 20015300 | Hydraulic Fitting, 90 Elbow 8MJ/8FJX |
| 12 | 20015100 | Hydraulic Swivel, Tee 8MJ/8FJX/8MJ |
| 13 | 20016100 | Hydraulic Fitting, Bulkhead 8MJ/8MJ 90 |
| 14 | 20016600 | Nut, Bulkhead |
| 15 | 11831000 | Cylinder, Double Acting, 3 x 8 |
| 16 | 20026100 | Gate System Hyd. Tube STG-18 |
| 17 | 20026000 | Gate System Hyd. Tube STG-16 |
| 18 | 20028300 | Hydraulic Hose, 24" 6G-8FJX/8MJ |
| 19 | 20027400 | Hydraulic Hose, 57" 6G-8FJX/8FJX |
| 20 | 20029000 | Hydraulic Hose, 156" 6G-8FJX/8FJX |
| 21 | 20029100 | Hydraulic Hose, 192" 6G-8FJX/8FJX |
| 22 | 20027300 | Hydraulic Hose, 312" 6G-8FJX/8FJX |
| 23 | 20020400 | Hydraulic Quick Coupler |

1 Year From Date of Purchase

LIMITED WARRANTY - AGRICULTURAL PRODUCTS

Walkabout Mother Bins warrants against defects in construction or materials for a period of ONE year. We reserve the right to inspect and decide whether material or construction was faulty or whether abuse or accident voids our guarantee.

This warranty limits its replacement or repair coverage to what is consistent with the warranty of Walkabout Mother Bins suppliers of purchased components.

Replacement or repair parts installed in the equipment covered by this limited warranty are warranted for ninety (90) days from the date of delivery of such part or the expiration of the applicable new equipment warranty period, whichever occurs later. Warranted parts shall be provided at no cost to the user at an authorized Walkabout Mother Bins dealer during regular working hours. Warranted replacement parts will either be replaced or rebuilt at Walkabout Mother Bins discretion.

DISCLAIMER OF IMPLIED WARRANTIES & CONSEQUENTIAL DAMAGES

This warranty shall not be interpreted to render USA Kangaroo LLC (DBA Walkabout Mother Bins). liable for injury, death, property damage or damages of any kind, whether direct, consequential, or contingent to property. Without limiting the generality of the foregoing, Walkabout Mother Bins shall not be liable for damages resulting from any cause beyond its reasonable control, including, without limitation, loss of crops, any expense or loss of labor, supplies, rental machinery or loss of use.

No other warranty of any kind whatsoever, express or implied is made with respect to this sale; and all implied warranties of merchantability and fitness for a particular purpose which exceed the obligations set forth in this written warranty are hereby disclaimed and excluded from this sale. This exclusion shall not apply in any jurisdiction where it is not permitted by law.

THIS LIMITED WARRANTY SHALL NOT APPLY:

If, in the sole opinion of Walkabout Mother Bins, the unit has been subjected to misapplication, abuse, misuse, negligence accident or incorrect off-site machine set-up.

To any goods that have sustained damage or deterioration attributable to a lack of routine maintenance (eg. Check and Re-torque of fastening hardware, Hydraulic fluid purities, drive train alignments, and clutch operation)

If parts not supplied by Walkabout Mother Bins have been used in the connection with the unit, if, in the sole judgment of Walkabout Mother Bins such use affects its performance, safety, stability or reliability.

If the unit has been altered or repaired outside of an authorized Walkabout Mother Bins dealership in a manner which, in the sole judgment of Walkabout Mother Bins, affects its performance, safety, stability or reliability.

To expendable or wear items such as (eg. Replaceable bushings, bearings and pins) and any other items that in the company's sole judgment are a wear item.

This limited warranty is subject to any future availability of supply, which may directly affect Walkabout Mother Bins ability to obtain materials or manufacture replacement parts.

Walkabout Mother Bins reserves the right to make improvements in design or changes in specifications at any time, without incurring obligations to owners of equipment previously delivered.

7 WARRANTY

MAKE CERTAIN THE WARRANTY REGISTRATION CARD HAS BEEN FORWARDED TO:

**Walkabout Mother Bins
PO Box 111
Faulkton, SD
USA
57438**

RETAIL CUSTOMER'S RESPONSIBILITY UNDER WALKABOUT MOTHER BINS WARRANTY.

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

It is the retail customer and/or operator's 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 safety hazard.

It is the retail customer's responsibility to deliver the product to the authorized Walkabout Mother Bins dealer, from whom he purchased it, for service or replacement of defective parts, which are covered by warranty. Repairs to be submitted for warranty consideration must be made within forty-five days of failure.

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

WARRANTY INFORMATION

Make certain the warranty registration card has been forwarded to:

Walkabout Mother Bins

**PO Box 111
Faulkton, SD
USA
57438**

Always give your dealer the serial number of your Walkabout Mother Bins product when ordering parts or requesting service or other information.

The serial number is located on the machine as shown in the diagram below. In the space provided record the model number, the serial number and the date of purchase to assist your dealer in providing you with prompt and efficient service.

SERIAL NUMBER: _____

MODEL NUMBER: _____

DATE OF PURCHASE: _____

Plate Location Pic