



# WR6 PTO-BD

## Portable Grain Auger Operator's Manual

**This manual applies to:**

**AGI Westfield WR6 PTO-BD (36/41)**

**AGI Hutchinson WR6 PTO-BD (36/41)**

**AGI Mayrath WR6 PTO-BD (36/41)**



Read this manual before using product. Failure to follow instructions and safety precautions can result in serious injury, death, or property damage. Keep manual for future reference.

Part Number: 31145 R0  
Revised: December 2024  
Original Instructions

This product has been designed and manufactured to meet general engineering standards. Other local regulations may apply and must be followed by the operator. All personnel must be trained in the correct operational and safety procedures for this product. Use the sign-off sheet below to record initial and periodic reviews of this manual with all personnel.

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# CONTENTS

<b>1. Introduction .....</b>	<b>5</b>
1.1 Serial Number Location .....	5
1.2 Intended Use .....	6
1.2.1 Misuse .....	6
<b>2. Safety.....</b>	<b>7</b>
2.1 Safety Alert Symbol and Signal Words.....	7
2.2 General Safety Information.....	7
2.3 Rotating Flighting Safety .....	8
2.4 Overhead Power Lines .....	8
2.5 Upending .....	8
2.6 Rotating Parts Safety.....	8
2.7 Work Area Safety .....	9
2.8 Guards Safety .....	10
2.9 Raising and Lowering the Auger .....	10
2.10 Hand Winch Safety.....	10
2.11 Positioning the Auger.....	10
2.12 Towing the Auger .....	11
2.13 Drives and Lockout Safety.....	11
2.13.1 PTO Driveline Safety.....	12
2.14 Tire Safety.....	13
2.15 Personal Protective Equipment.....	13
2.16 Safety Equipment .....	14
2.17 Safety Decals .....	14
2.17.1 Decal Installation/Replacement.....	15
2.17.2 Safety Decal Locations and Details .....	15
<b>3. Transport.....</b>	<b>23</b>
3.1 Transport Safety .....	23
3.2 Transport Preparation .....	23
3.3 Connect the Auger to the Towing Vehicle.....	24
<b>4. Placement .....</b>	<b>25</b>
4.1 Placement Safety.....	25
4.2 Positioning the Auger.....	25
4.3 Hand Winch Operation.....	27
<b>5. Operation .....</b>	<b>28</b>
5.1 Operation Safety .....	28
5.2 Start-up and Break-in .....	28
5.3 Operation — PTO Drive.....	29
5.4 Emergency Shutdown .....	29
5.5 Restarting with a Full Tube .....	30
5.6 Bin Level Indicators .....	30
5.7 Using the Auger with Grain Spreaders.....	30
5.8 Shutdown .....	30
5.9 Handling Fertilizer .....	31
5.10 Storing the Auger .....	31
<b>6. Maintenance .....</b>	<b>32</b>

6.1 Maintenance Safety .....	32
6.2 Maintenance Schedule .....	33
6.3 Visually Inspect the Equipment.....	33
6.4 Lubricate the Equipment.....	34
6.4.1 PTO Driveline.....	34
6.5 Check the Gearbox Oil.....	34
6.6 Change the Gearbox Oil .....	35
6.7 Adjust the Upper Drive Chain .....	35
6.8 Grease the Intake Bushing .....	36
6.9 Grease the Upper Drive Chain .....	36
6.10 Clean and Wash the Equipment .....	37
6.11 Tension the Drive Belts .....	37
6.12 Align the Drive Belts.....	37
6.13 Replace the Drive Belts .....	38
6.14 Repack the Wheel Bearings with Grease.....	38
6.15 Inspect and Service the Hand Winch and Lift Cable.....	39
<b>7. Troubleshooting.....</b>	<b>40</b>
<b>8. Specifications .....</b>	<b>43</b>
<b>9. Appendix .....</b>	<b>44</b>
9.1 Bolt Torque.....	44
<b>10. AGI Limited Warranty.....</b>	<b>45</b>

# 1. Introduction

Follow the instructions in this manual for safe use of this auger. Following proper operation and maintenance will help to keep the auger running in optimal condition.

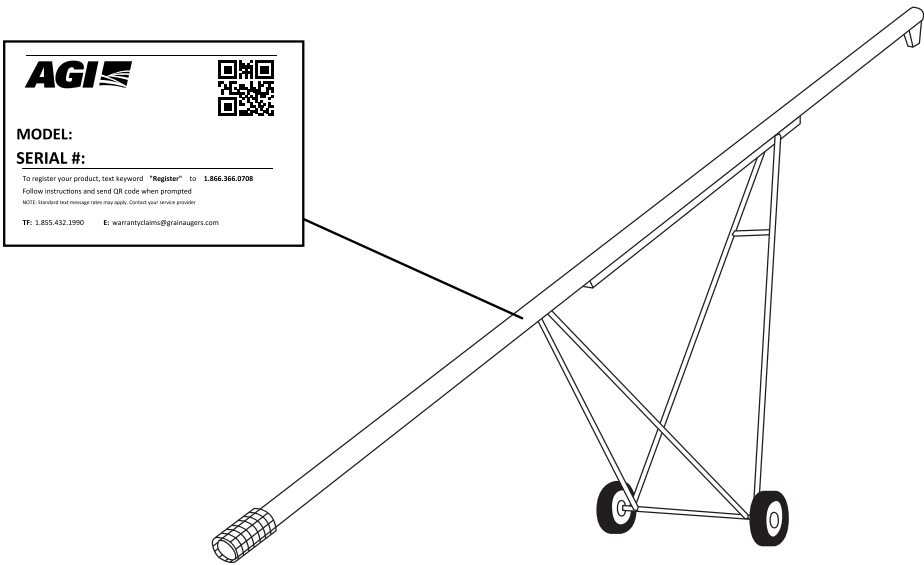
Keep this manual handy for frequent reference and to review with new personnel. A sign-off form is provided on the inside front cover for your convenience. If any information in this manual is not understood or if you need additional information, please contact AGI or your representative for assistance.

This manual should be regarded as part of the equipment.

## 1.1. Serial Number Location

The serial number location for your auger is shown in the figure below. Have the serial number ready when ordering parts or requesting service or other information. Record information in the table below for easy reference.

Model Number	
Serial Number	
Date Received	



## 1.2. Intended Use

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The auger is intended for use as listed below and described throughout this manual. Use in any other way is considered contrary to the intended use and is not covered by the warranty.

### **Intended use for the auger**

- Handling grain, pulse crops, treated seeds, fertilizer, or other similar materials.

### ***1.2.1 Misuse***

Do not install/use the auger for/with:

- transferring material other than dry, free-flowing grains.
- lifting or using as a hoist or crane.

# 2. Safety

## 2.1. Safety Alert Symbol and Signal Words

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This safety alert symbol indicates important safety messages in this manual. When you see this symbol, be alert to the possibility of injury or death, carefully read the message that follows, and inform others.

**Signal Words:** Note the use of the signal words **DANGER**, **WARNING**, **CAUTION**, and **NOTICE** with the safety messages. The appropriate signal word for each message has been selected using the definitions below as a guideline.



Indicates an imminently hazardous situation that, if not avoided, will result in serious injury or death.



Indicates a hazardous situation that, if not avoided, could result in serious injury or death.



Indicates a hazardous situation that, if not avoided, may result in minor or moderate injury.



Indicates a potentially hazardous situation that, if not avoided, may result in property damage.

## 2.2. General Safety Information

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Read and understand all safety instructions, safety decals, and manuals and follow them when operating or maintaining the equipment.

- Owners must give instructions and review the information initially and annually with all personnel before allowing them in the work area. Untrained users/operators expose themselves and bystanders to possible serious injury or death.
- Use for intended purposes only.
- Modification of the auger in any way without written permission from the manufacturer is not covered by the warranty.
- Follow a health and safety program for your worksite. Contact your local occupational health and safety organization for information.
- Follow applicable local codes and regulations.



## 2.3. Rotating Flighting Safety

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### DANGER

- KEEP AWAY from rotating flighting.
- DO NOT remove or modify flighting guards, doors, or covers. Keep in good working order. Have replaced if damaged.
- DO NOT operate the auger without all guards, doors, and covers in place.
- NEVER touch the flighting. Use a stick or other tool to remove an obstruction or clean out.
- Shut off and lock out power to adjust, service, or clean.



## 2.4. Overhead Power Lines

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### DANGER

- When operating or moving, keep auger away from overhead power lines and devices.
- The auger is not insulated.
- Electrocution can occur without direct contact.

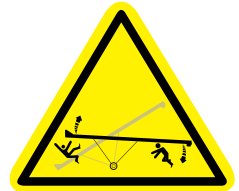


## 2.5. Upending

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### WARNING

- Anchor intake end and/or support discharge end to prevent upending.
- Intake end must always have downward weight. Do not release until attached to tow bar or resting on ground.
- Do not raise intake end above tow bar height.
- Empty the auger and fully lower before moving.



## 2.6. Rotating Parts Safety

---

### WARNING

- Keep body, hair, and clothing away from rotating shafts, pulleys, belts, chains, and sprockets.
- Do not operate with any guard removed or modified. Keep guards in good working order.
- Shut off and lock out power source before inspecting or servicing machine.

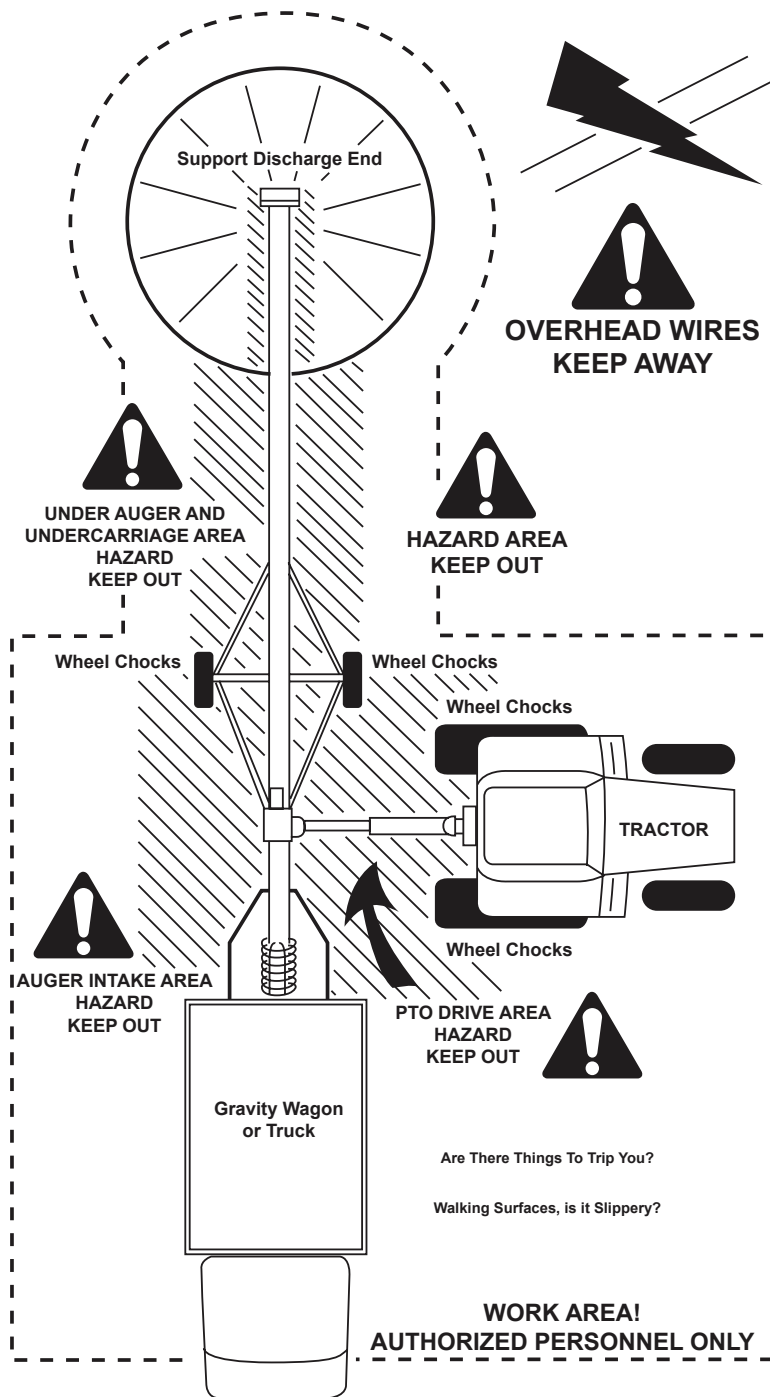




## 2.7. Work Area Safety

- Have another trained person nearby who can shut down the auger in case of accident.
- Do not allow any unauthorized persons in the work area.
- Keep the work area clean and free of debris.

Figure 1. Work Area (PTO Drive)



## 2.8. Guards Safety

---

### **WARNING**

- Keep guards in place. Do not operate with guard removed.
- Do not walk on, step on, or damage guards.
- Lock out power before removing a guard.
- Ensure all guards are replaced after performing maintenance.

## 2.9. Raising and Lowering the Auger

---

### **WARNING**

- Before raising/lowering/moving/adjusting the auger, make sure the area around the auger is clear of obstructions and/or untrained personnel. Never allow anyone to stand on or beneath the auger when it is being placed.
- Lower the auger to its lowest position when not in use.
- Empty the auger before raising or lowering.
- Do not get on or beneath the auger when raising or lowering.
- Raise and lower auger on reasonably level ground only.
- Never attempt to increase height of the auger by positioning wheels on lumber, blocks, or by any other means. To do so will result in damage to auger and/or serious injury.
- Do not raise the auger in high winds.

## 2.10. Hand Winch Safety

---

### **WARNING**

- Inspect lift cable before using. Replace if frayed or damaged. Make sure lift cable is seated and tracking properly and cable clamps are secure.
- Tighten brake lock by turning winch handle clockwise at least two clicks after lowering the auger.
- Lower the auger fully before towing, then rotate winch handle until cable has light tension.
- Do not lubricate winch brake discs.

## 2.11. Positioning the Auger

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### **WARNING**

- Transport and place equipment on reasonably level ground when raising, lowering, positioning, or operating.
- Move the auger into position slowly. Do not unhitch and attempt to move by hand.
- Chock wheels and anchor intake end after placement.

## 2.12. Towing the Auger

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The auger is not intended for transport on public roads. If it requires transport on a public roadway, the following steps should be taken:

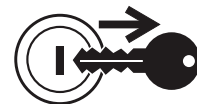
### **WARNING**

- Check with local authorities regarding transport on public roads. Obey all applicable laws and regulations.
- Always travel at a safe speed, never exceeding 20 mph (32 km/h).
- Reduce speed on rough surfaces.
- Do not transport on slopes greater than 20°.
- Use caution when turning corners or meeting traffic.
- Make sure the SMV (slow moving vehicle) emblem and all the lights and reflectors that are required by local authorities are in place, are clean, and can be seen by all over-taking and oncoming traffic.
- Always use hazard-warning flashers on tractor/towing vehicle when transporting unless prohibited by law.
- Do not allow riders on the auger or towing vehicle during transport.
- Attach to towing vehicle with an appropriate pin and retainer. Always attach safety chains.
- Place the auger in the transport position before moving on roads.

## 2.13. Drives and Lockout Safety

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Inspect the power source(s) before using and know how to shut down in an emergency. Whenever you service or adjust your equipment, make sure you shut down the power source and unplug or remove the key (as applicable) to prevent inadvertent start-up and hazardous energy release. Know the procedure(s) that applies to your equipment from the following power source(s). Ensure that all personnel are clear before turning on power to equipment.



### 2.13.1 PTO Driveline Safety



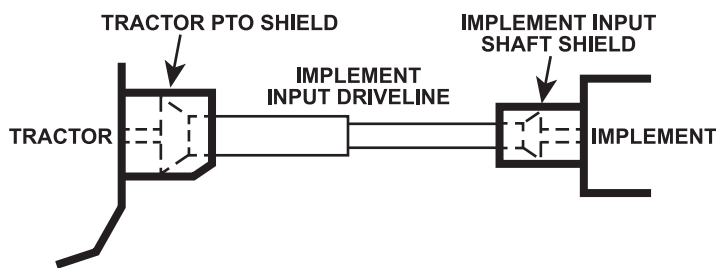
#### **WARNING Drive**

- Keep body, hair, and clothing away from rotating PTO driveline.
- Make certain the driveline shields telescope and rotate freely on driveline before attaching.
- Make certain the driveline is securely attached at both ends.
- Do not operate auger unless all driveline, tractor, and equipment shields are in place and in good working order.
- Do not exceed the specified operating speed.
- Keep universal joint angles small and equal. Do not exceed maximum recommended length for PTO driveline.
- Engage tractor park brake and/or chock wheels.



#### **Lockout**

- Position all controls in neutral, shut off tractor's engine, and remove key from tractor.
- If removing key is impossible, remove PTO driveline from tractor.



## 2.14. Tire Safety



### WARNING

Failure to follow proper procedures when mounting a tire on a wheel or rim can produce an explosion that may result in serious injury or death.

- DO NOT attempt to mount a tire unless you have the proper equipment and experience to do the job.
- Have a qualified tire dealer or repair service perform required tire maintenance.
- When replacing worn tires, make sure they meet the original tire specifications. Never undersize the replacement tire.
- DO NOT weld to the tire rim with the tire mounted on the rim. This action may cause an explosion which could result in serious injury or death.
- Inflate tires to the manufacturer's recommended pressure.
- Tires should not be operated at speeds higher than their rated speed.
- Keep wheel lug nuts tightened to manufacturer's recommendations.
- Never reinflate a tire that has been run flat or seriously under-inflated without removing the tire from the wheel. Have the tire and wheel closely inspected for damage before remounting.



## 2.15. Personal Protective Equipment

The following Personal Protective Equipment (PPE) should be worn when operating or maintaining the equipment.

### Safety Glasses

- Wear safety glasses at all times to protect eyes from debris.



### Coveralls

- Wear coveralls to protect skin.



### Hard Hat

- Wear a hard hat to help protect your head.



### Steel-Toe Boots

- Wear steel-toe boots to protect feet from falling debris.



### Work Gloves

- Wear work gloves to protect your hands from sharp and rough edges.



### Dust Mask

- Wear a dust mask to prevent breathing potentially harmful dust.



### Hearing Protection

- Wear ear protection to prevent hearing damage.



## 2.16. Safety Equipment

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The following safety equipment should be kept on site.

### Fire Extinguisher

- Provide a fire extinguisher for use in case of an accident. Store in a highly visible and accessible place.



### First-Aid Kit

- Have a properly-stocked first-aid kit available for use should the need arise, and know how to use it.



## 2.17. Safety Decals

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- Keep safety decals clean and legible at all times.
- Replace safety decals that are missing or have become illegible. See decal location figures that follow.
- Replaced parts must display the same decal(s) as the original part.
- Replacement safety decals are available **free of charge** from your distributor, dealer, or factory as applicable.

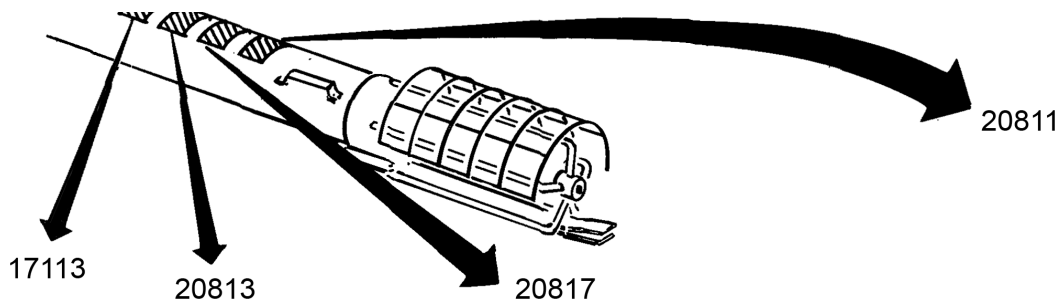
### 2.17.1 Decal Installation/Replacement

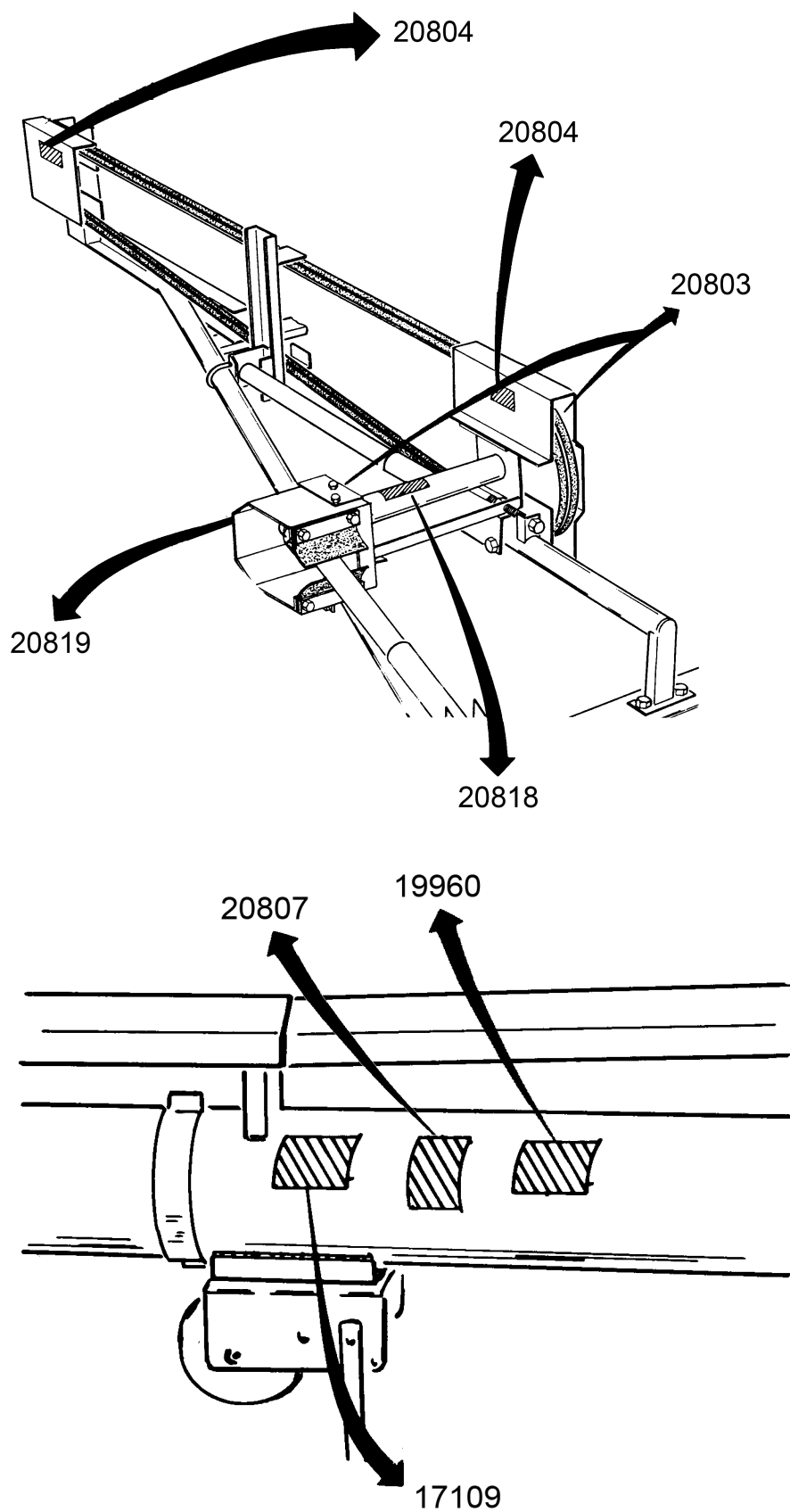
1. Decal area must be clean and dry, with a temperature above 50°F (10°C).
2. Decide on the exact position before you remove the backing paper.
3. Align the decal over the specified area and carefully press the small portion with the exposed sticky backing in place.
4. Slowly peel back the remaining paper and carefully smooth the remaining portion of the decal in place.
5. Small air pockets can be pierced with a pin and smoothed out using the decal backing paper.

### 2.17.2 Safety Decal Locations and Details

Replicas of the safety decals that are attached to the auger and their messages are shown in the figure(s) that follow. Safe operation and use of the auger requires that you familiarize yourself with the various safety decals and the areas or particular functions that the decals apply to, as well as the safety precautions that must be taken to avoid serious injury, death, or damage.




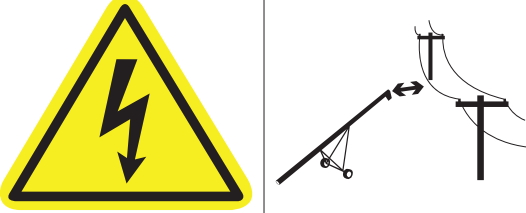
**Figure 2. Safety Decal Locations**



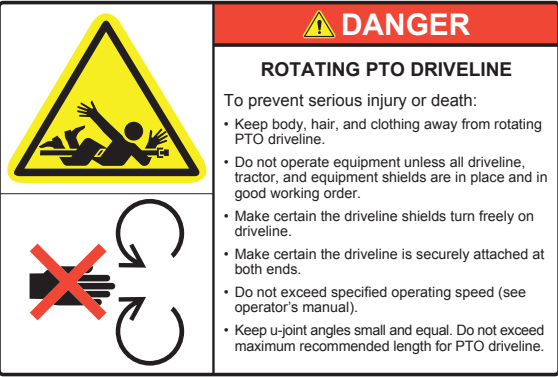





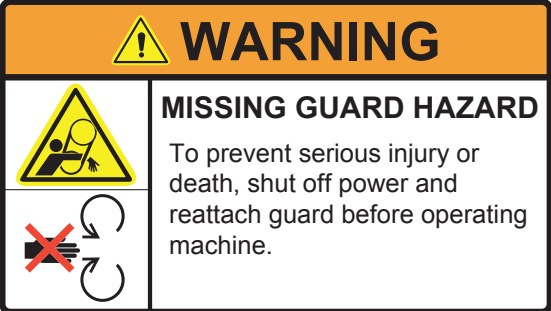

**Table 1. Safety Decals**

Part Number	Description
20813	<div data-bbox="414 268 963 1060"> <div data-bbox="414 268 963 342">  <b>DANGER</b> </div> <div data-bbox="414 352 963 583">  </div> <div data-bbox="414 594 963 1060"> <p><b>ROTATING FLIGHTING HAZARD</b></p> <p>To prevent death or serious injury:</p> <ul style="list-style-type: none"> <li>• KEEP AWAY from rotating auger flighting.</li> <li>• DO NOT remove or modify auger flighting guards, doors, or covers. Keep in good working order. Have replaced if damaged.</li> <li>• DO NOT operate the auger without all guards, doors, and covers in place.</li> <li>• NEVER touch the auger flighting. Use a stick or other tool to remove an obstruction or clean out.</li> <li>• Shut off and lock out power to adjust, service, or clean.</li> </ul> </div> </div>
20817	<div data-bbox="414 1102 963 1745"> <div data-bbox="414 1102 963 1176">  <b>DANGER</b> </div> <div data-bbox="414 1186 963 1417">  </div> <div data-bbox="414 1428 963 1745"> <p><b>ELECTROCUTION HAZARD</b></p> <p>To prevent death or serious injury:</p> <ul style="list-style-type: none"> <li>• When operating or moving, keep equipment away from overhead power lines and devices.</li> <li>• Fully lower equipment before moving.</li> </ul> <p>This equipment is not insulated.</p> <p>Electrocution can occur without direct contact.</p> </div> </div>


**Table 1 Safety Decals (continued)**

Part Number	Description
20818	<div data-bbox="412 268 967 642">  <p><b>ROTATING PTO DRIVELINE</b></p> <p>To prevent serious injury or death:</p> <ul style="list-style-type: none"> <li>• Keep body, hair, and clothing away from rotating PTO driveline.</li> <li>• Do not operate equipment unless all driveline, tractor, and equipment shields are in place and in good working order.</li> <li>• Make certain the driveline shields turn freely on driveline.</li> <li>• Make certain the driveline is securely attached at both ends.</li> <li>• Do not exceed specified operating speed (see operator's manual).</li> <li>• Keep u-joint angles small and equal. Do not exceed maximum recommended length for PTO driveline.</li> </ul> </div>
20819	<div data-bbox="412 678 967 1577">  <p><b>ROTATING PTO DRIVELINE</b></p> <p>To prevent serious injury or death:</p> <ul style="list-style-type: none"> <li>• Keep body, hair, and clothing away from rotating PTO driveline.</li> <li>• Do not operate equipment unless all driveline, tractor, and equipment shields are in place and in good working order.</li> <li>• Make certain the driveline shields turn freely on driveline.</li> <li>• Make certain the driveline is securely attached at both ends.</li> <li>• Do not exceed specified operating speed (see operator's manual).</li> <li>• Keep u-joint angles small and equal. Do not exceed maximum recommended length for PTO driveline.</li> </ul> </div>


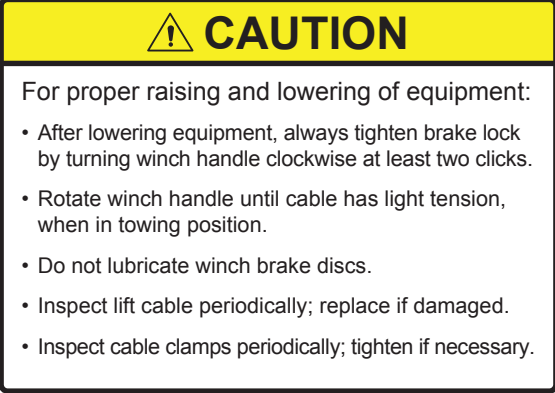
**Table 1 Safety Decals (continued)**

Part Number	Description
20803 (placed on machine behind guard)	<div data-bbox="415 275 963 583">  </div>
20804	<div data-bbox="415 632 963 1276">  </div>


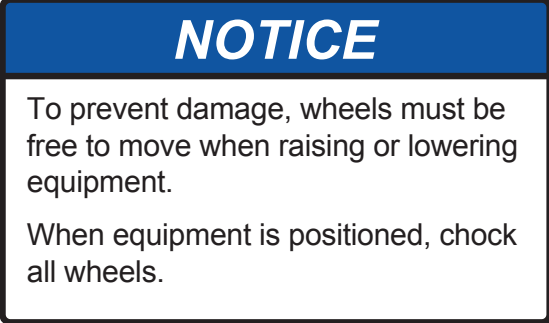
**Table 1 Safety Decals (continued)**

Part Number	Description
20807	<div data-bbox="414 273 963 1331">  <p><b>WARNING</b></p> <p>To prevent serious injury or death:</p> <ul style="list-style-type: none"> <li>• Read and understand the manual before assembling, operating, or maintaining the equipment.</li> <li>• Only trained personnel may assemble, operate, or maintain the equipment.</li> <li>• Children and untrained personnel must be kept outside of the work area.</li> <li>• Do not modify the equipment. Keep in good working order.</li> <li>• If the manual, guards, or decals are missing or damaged, contact factory or representative for free replacements.</li> <li>• Lock out power before performing maintenance.</li> <li>• To prevent equipment collapse or upending, support equipment tube while disassembling certain components.</li> <li>• Follow grain storage structure manufacturer's warnings when loading and unloading.</li> <li>• Electric motors must be grounded. Disconnect power before resetting overloads.</li> </ul> </div>

**Table 1 Safety Decals (continued)**

Part Number	Description
20811	<div data-bbox="414 273 966 961">  <p><b>WARNING</b></p> <p><b>UPENDING HAZARD</b></p> <p>To prevent death or serious injury:</p> <ul style="list-style-type: none"> <li>• Anchor intake end and/or support discharge end to prevent upending.</li> <li>• Intake end must always have downward weight. Do not release until attached to tow bar or resting on ground.</li> <li>• Do not raise intake end above tow bar height.</li> <li>• Empty tube and fully lower before moving.</li> </ul> </div>
17109	<div data-bbox="414 1008 966 1398">  <p><b>CAUTION</b></p> <p>For proper raising and lowering of equipment:</p> <ul style="list-style-type: none"> <li>• After lowering equipment, always tighten brake lock by turning winch handle clockwise at least two clicks.</li> <li>• Rotate winch handle until cable has light tension, when in towing position.</li> <li>• Do not lubricate winch brake discs.</li> <li>• Inspect lift cable periodically; replace if damaged.</li> <li>• Inspect cable clamps periodically; tighten if necessary.</li> </ul> </div>

**Table 1 Safety Decals (continued)**

Part Number	Description
17113	<div data-bbox="415 275 961 558">  <p><b>WARNING</b></p> <p><b>TRANSPORT HAZARD</b></p> <p>To prevent serious injury or death:</p> <ul style="list-style-type: none"> <li>• Securely attach equipment to vehicle with correct pin and safety chains.</li> <li>• Use a tow vehicle to move equipment.</li> </ul> </div>
19960	<div data-bbox="415 611 961 932">  <p><b>NOTICE</b></p> <p>To prevent damage, wheels must be free to move when raising or lowering equipment.</p> <p>When equipment is positioned, chock all wheels.</p> </div>

# 3. Transport

When transporting, follow all safety precautions and use a proper tow vehicle to help ensure safe transport of the auger.

## 3.1. Transport Safety

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### WARNING

- Check with local authorities regarding transport on public roads. Obey all applicable laws and regulations.
- Always travel at a safe speed, never exceeding 20 mph (32 km/h). Reduce speed on rough surfaces. Use caution when turning corners or meeting traffic.
- Yield to other drivers and allow faster traffic to pass.
- Make sure the SMV (slow moving vehicle) emblem, maximum transport speed sign, and all the lights and reflectors that are required by local authorities are in place, are clean, and can be seen by all over-taking and oncoming traffic. Always use hazard-warning flashers on tractor/towing vehicle when transporting unless prohibited by law.
- Do not transport during times of limited visibility such as fog, snow, or heavy rain. Take extra precautions at night and at dusk.
- Keep others away from the transport vehicle and auger.
- Do not allow riders on the auger or towing vehicle during transport.
- Stay away from overhead obstructions and power lines when operating and transporting. Electrocutation can occur without direct contact.
- Fully lower the auger before transporting, and only raise when next to storage facility. Ensure there is slight tension on the lift cable.
- Attach to a proper towing vehicle with a hitch pin and retainer. Always attach safety chains.
- Do not raise the intake end above drawbar, upending may occur.
- Empty auger of all grain or seed before transporting. Transporting a full auger will place excessive loads on the tube, frame, axle, hitch, and tow vehicle.
- Do not transport on slopes greater than 20°.
- Do not transport with an under-inflated tire(s).
- If the auger wheels are partially or fully buried in snow or grain, failure to clear area around the wheels before transporting may cause damage to the auger or result in serious injury.

## 3.2. Transport Preparation

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- Do not tow faster than 20 mph (32 km/h). [Table 2](#) references the acceptable transport speed as per the ratio of tractor weight versus auger weight. See Specifications ([Section 8. – Specifications on page 43](#)) for auger weights.

### WARNING

A weight imbalance between the auger and the towing vehicle could result in a collision from reduced stability, handling, and braking ability.

- Ensure the auger will clear any overhead obstructions or electrical wires prior to transporting. Refer to [Section 8. – Specifications on page 43](#) for the transport height of your auger.

**Table 2. Speed versus Weight Ratio**

Road Speed	Weight of auger relative to weight of tow vehicle
Up to 20 mph (32 km/h)	1 to 1, or less than the weight of the tow vehicle
Up to 10 mph (16 km/h)	2 to 1, or less than the weight of the tow vehicle
Do not tow if	More than 2 to 1

### 3.3. Connect the Auger to the Towing Vehicle

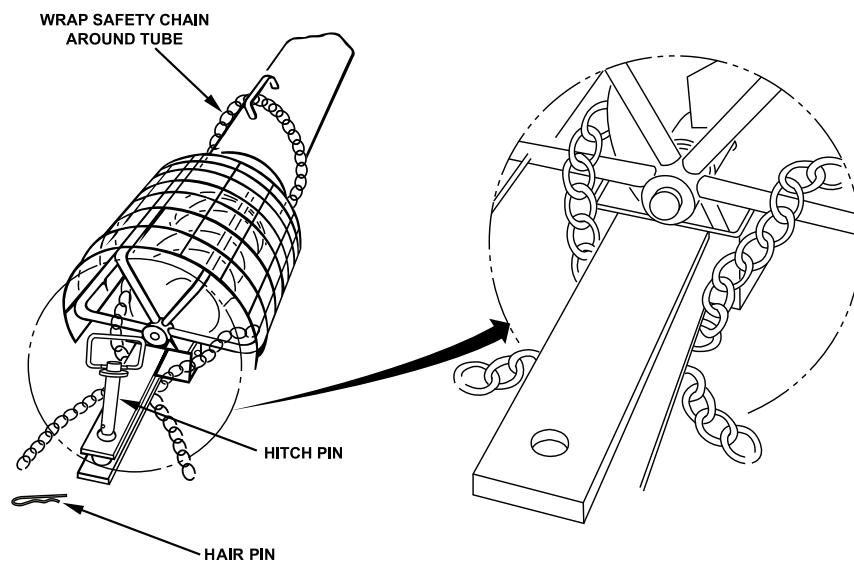
Follow all safety precautions when transporting the auger and use a proper towing vehicle.

1. Place the auger in the full down position. The frame should be in the full down position with slight tension on the lift cable. Refer to Lowering procedure.
2. Place and secure hitch pin using a clevis to tongue connection only.

#### Important

Use a type of hitch pin that will not allow auger to separate from towing vehicle.

3. Thread the safety chain and form a cradle to prevent the auger from digging into the road surface or upsetting (should a breakaway occur), see [Figure 3](#). Replace the safety chain if one or more links or end fittings are stretched, broken, damaged, or deformed. The safety chain should have a load rating at least as high as the auger weight, refer to [Section 8. – Specifications on page 43](#).
4. Use caution when transporting the auger over rolling terrain. In severe dips, the intake end may contact the ground.

**Figure 3. Typical Safety Chain and Hitch Connection**



# 4. Placement

## 4.1. Placement Safety

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**⚠ WARNING**

- The auger is not insulated, keep away from overhead power lines. Electrocutation can occur without direct contact.
- Anchor intake end before using.
- Place the auger on reasonably level ground before operating. The auger could topple if ground is too uneven.
- Chock the auger wheels after placement.
- Empty the auger before raising, lowering, or positioning.
- Check that wheels are free to move before raising or lowering the auger.
- Never attempt to increase height of the auger by positioning wheels on lumber, blocks, or by any other means.
- Do not permit anyone to stand beneath the auger when raising or lowering.
- Move the auger into position slowly. Do not unhitch and attempt to move by hand.
- Do not leave auger in raised position when not in use.

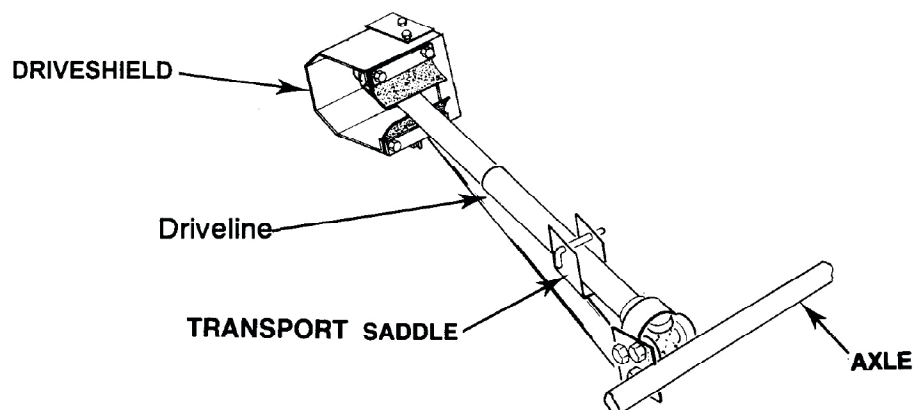
## 4.2. Positioning the Auger

---

**Note**

The PTO driveline is a non-separable type. Remove from tractor and secure in transport saddle on auger before moving tractor away from auger.

Figure 4.



To position the auger using a tractor:

### Filling Bins

1. Back the auger up to the bin while it is in its lowered configuration.
2. Set the park brake on the tractor before dismounting.
3. Raise the auger so it clears the bin.
4. Slowly back the auger up until the outlet is over the opening in the bin.
5. Unhook the auger from the tractor and lower the intake end to the ground.

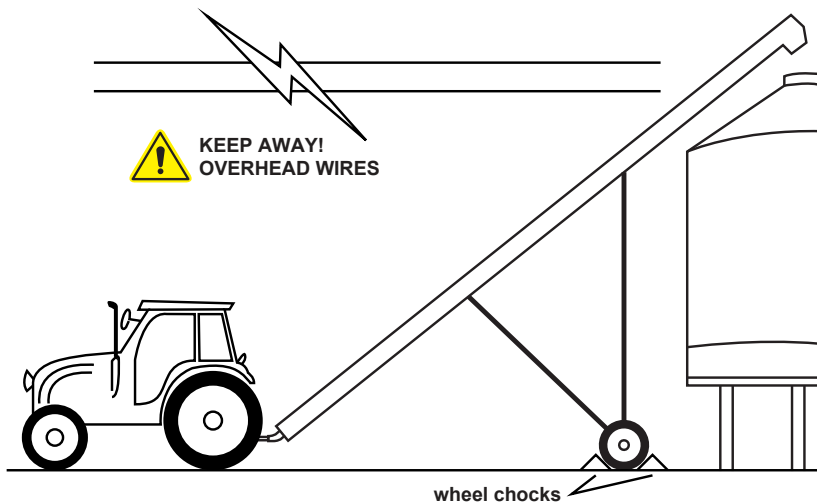
**WARNING** ⚠ Upending hazard, do not hook or unhook hitch unless the auger has a downward weight.

6. Slowly lower the auger spout to the bin.

**NOTICE** Do not rest the spout on the bin. This may cause damage to the auger or bin.

7. Place chocks in the front and back of each wheel and anchor the intake end.

**Figure 5. Typical Grain Auger Placement for Filling Bins**



### Under Hopper Bottom Bins

1. Position the intake hopper between the hopper bin vertical legs.
2. Move auger into place. Do not allow auger or components to contact grain bin.
3. Raise the auger to desired height.
4. Place chocks in the front and back of each wheel and anchor the intake end.

## 4.3. Hand Winch Operation

---

### Before using the hand winch, ensure that:

- the cable anchor on the winch drum is tight.
- all cable clamps are secure.
- the lift cable is seated in trackshoe roller.
- the cable is in good condition, if damaged, replace it immediately.
- there is a minimum of 3 cable wraps on the winch drum when the auger fully lowered.

### To operate:

1. Turn the winch handle to raise and lower the auger. The winch must make a clicking sound when raising the auger. If clicking sound stops, retain grip on handle, lower the auger fully and repair winch.
2. When lowering, if the cable becomes slack before auger is in full down position, this indicates that the track shoe is stuck. Do not continue to turn the winch handle counter-clockwise because it will disengage the brake mechanism and create an unsafe condition. Too much slack in the cable may cause the auger to drop suddenly. To correct the problem, reverse the winch and raise the auger until the cable is taut and the track slides normally. Do not lubricate the winch brake discs.
3. After lowering the auger, always tighten the brake lock by turning the winch handle clockwise at least two clicks.
4. Rotate the winch handle until the cable has light tension.

**NOTICE**

Do not turn winch handle counter-clockwise except when lowering auger or severe damage to winch will occur.

# 5. Operation

For optimal operation, follow the safety precautions, checklists, and instructions in this section.

## 5.1. Operation Safety

---

### **WARNING**

- Keep away from rotating and moving parts, including the flighting, drive components, shafts, and bearings.
- Always operate with guards, covers, and shields in place.
- Have another trained person nearby who can shut down the equipment in case of accident.
- Keep the work area clear of bystanders.
- Keep the work area clean and free of debris.
- Ensure maintenance has been performed and is up to date.

## 5.2. Start-up and Break-in

---

Check the following during the first hours of operation.

1. Check that the auger intake and discharge areas are free of obstructions.

### **NOTICE**

Foreign objects can damage the auger. Remove any obstructions from the intake and discharge areas before operating the auger.

2. Check the drive belt tension and alignment. See Maintenance Section for instructions.
3. Visually inspect the auger, see Visual Inspection in Maintenance Section.
4. Check tightness of all bolts/nuts, fasteners, and hardware (re-torque if necessary).
5. Ensure adequate power is supplied to operate the auger, see [Section 8. – Specifications on page 43](#).
6. Start the auger and operate normally.
7. Be aware of unusual sounds. If any are heard, determine the source and stop the auger. Lock out the power and correct the problem before resuming work. If you are unsure of the problem or procedure, contact your local dealer.

### **Note**

The auger may run rough until the tube is polished.

8. Do not run the auger for long periods of time without material because it increases wear. Try to run only when moving material.
9. Stop the auger when it is empty of grain, lower fully and lockout power.

### **Important**

After the initial start-up and inspection, the auger should be shut down and visually inspected (see Maintenance Section) after approximately ten hours of operation.

## 5.3. Operation — PTO Drive

---

1. Attach the PTO driveline securely to the tractor and confirm the connection to the auger shaft is secure.
2. Confirm the PTO driveline rotating shield and other shields/guards are in place and in good working order.
3. Align the tractor axis with the auger input shaft to minimize the angles of the universal joints on the PTO driveline.

### **Important**

Check that the PTO does not exceed the maximum operating angle, refer to [Section 8. – Specifications on page 43.](#)

4. Ensure the PTO drive on the tractor is in the off position before starting the tractor.
5. Start tractor engine at low idle, slowly engage the PTO with the tractor idling to prevent unneeded stress on the drive components and shear bolts.
6. If everything is operating normally, start running grain through the auger and increase the tractor PTO to the specified full speed to produce the required flow.
7. To shut down, reduce the speed to low idle and lock out the PTO.
8. Disconnect the PTO driveline from the tractor and secure it to the PTO transport saddle with the safety chain and keep it in transport saddle when transporting.

### **When raising or lowering the auger:**

Disconnect the PTO driveline.

### **When starting under load:**

If restarting the auger under load (tube is full), engage the PTO with the tractor idling.

### **NOTICE**

Engaging the PTO at high engine speed under load will result in equipment damage.

### **Note**

The PTO driveline is non-separable. Damage may occur if PTO is not removed before moving tractor away from auger.

## 5.4. Emergency Shutdown

---

In an emergency situation:

1. Shut down the power source immediately and lock out all power.
2. Stop the flow of material (if applicable).
3. Ensure the machine components come to a stop before inspecting.
4. Correct the emergency situation before resuming work.

## 5.5. Restarting with a Full Tube

---

When the auger is shut down inadvertently or due to an emergency, the tube may still be filled with grain.

1. With the power source locked out, remove as much of the grain as possible from the tube and intake using a shop vacuum or other tool. Do not use your hands.

**NOTICE**

Starting under load may result in damage to the auger.

2. Close or replace guards or covers before restarting.
3. **PTO Drive Models:** If the auger tube is full of grain, do not restart at full speed. Engage the drive at low power, gradually increasing until normal operating speed is reached.
4. Once the auger has been started, resume normal operation.

## 5.6. Bin Level Indicators

---

A full bin will cause the auger to plug, which can damage the flighting and other drive components. Installing grain-level indicators on bins will allow monitoring of bin filling and help prevent damage to the auger.

## 5.7. Using the Auger with Grain Spreaders

---

Some grain spreaders may not be able to handle the capacity of the auger and can cause the auger to plug, damaging the flighting and other drive components. This type of damage is not covered by warranty. To avoid this:

- Make sure spreader is turned on and operating.
- When using a flex down spout, center auger spout above spreader and do not lower auger spout into spreader.
- Suspend the spreader lower from bin ceiling leaving extra room for excess grain to flow over the spreader.
- Get a larger spreader, if available.
- Remove the spreader.

## 5.8. Shutdown

---

When operation has been completed:

1. Once the auger is clear of grain, disengage the PTO drive and lock out the power source.
2. Lower the auger fully. See [Section 4.3 – Hand Winch Operation on page 27](#).
3. Clean out any remaining grain from the auger with a vacuum or sweep out.
4. Clean the entire work area.
5. Remove anchors, supports, and chocks.

## 5.9. Handling Fertilizer

---

If the auger has been used to move fertilizer, it should be cleaned out to prevent corrosion. The easiest way to prevent corrosion is to run a load of grain through it after moving fertilizer or wash the auger.

## 5.10. Storing the Auger

---

After the season's use, thoroughly inspect the auger and prepare it for storage. Repair or replace any worn or damaged components and perform maintenance to prevent downtime at the start of the next season.

To ensure a long, trouble-free life, follow the below procedure.

1. Lower the auger fully for storage and maintain slight tension on the lift cable.
2. Remove all residual material from the hopper and the tube.
3. Wash the auger thoroughly using a water hose or pressure washer to remove all dirt, mud, debris, or residue. Be careful to not contact electronic controls with high pressure water.
4. Inspect all moving or rotating parts to see if anything has become entangled in them. Remove any entangled material.
5. Touch up all paint nicks and scratches to prevent rusting.
6. Check tire pressure and inflate. See tire sidewall for recommendations.
7. Inspect the auger for cracks, tightness of fittings and fasteners, and hydraulic hose cracks (if applicable). Have required repairs performed to replace worn or damaged components.
8. Store in an area that is dry, level, free of debris, and away from human activity. Store inside if possible.
9. Chock wheels.
10. Support intake on blocks to eliminate prolonged contact with the ground.
11. Clean and lightly lubricate the spline on the PTO driveline. Cover the PTO driveline with a plastic bag to protect it from the weather and place it in the transport saddle.

# 6. Maintenance

Proper maintenance will improve safety, efficiency, and will keep the auger operating reliably.

## 6.1. Maintenance Safety

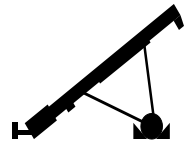
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### WARNING

- Keep components in good condition. Follow the maintenance procedures.
- Ensure the service area is clean, dry, and has sufficient lighting.
- Do not modify any components without written authorization from the manufacturer. Modification can be dangerous and result in serious injuries.
- Shut down and lock out power before maintaining equipment.
- After maintenance is complete, replace all guards, service doors, and/or covers.
- Use only genuine AGI replacement parts or equivalent. Use of unauthorized parts will void warranty. If in doubt, contact AGI or your local dealer.

#### **Before attempting maintenance of any kind:**

- Lower the auger fully.
- Chock wheels.
- Support the tube if performing maintenance on the undercarriage assembly.
- **If equipped with hydraulics:** Before applying pressure to a hydraulic system, make sure all components are tight and that hoses and couplings are in good condition.






## 6.2. Maintenance Schedule

Follow the maintenance procedures below. Keep records of the hours the auger has been operated and the maintenance performed.

<b>Daily:</b>
<a href="#">Section 6.3 – Visually Inspect the Equipment on page 33</a>
<a href="#">Section 6.4 – Lubricate the Equipment on page 34</a>
<a href="#">Section 6.8 – Grease the Intake Bushing on page 36</a>
<b>Monthly:</b>
<a href="#">Section 6.9 – Grease the Upper Drive Chain on page 36</a>
<b>Annually:</b>
<a href="#">Section 6.5 – Check the Gearbox Oil on page 34</a>
<a href="#">Section 6.7 – Adjust the Upper Drive Chain on page 35</a>
<a href="#">Section 6.10 – Clean and Wash the Equipment on page 37</a>
<b>2–3 Years:</b>
<a href="#">Section 6.6 – Change the Gearbox Oil on page 35</a>
<b>As Required:</b>
<a href="#">Section 6.11 – Tension the Drive Belts on page 37</a>
<a href="#">Section 6.12 – Align the Drive Belts on page 37</a>
<a href="#">Section 6.13 – Replace the Drive Belts on page 38</a>
<a href="#">Section 6.14 – Repack the Wheel Bearings with Grease on page 38</a>
<a href="#">Section 6.15 – Inspect and Service the Hand Winch and Lift Cable on page 39</a>

## 6.3. Visually Inspect the Equipment

 **WARNING** Lock out power before inspecting.

Check the following during a visual inspection:

1. Ensure all guards are in place and in good working order.
2. Examine the auger for damage or unusual wear.
3. Check tightness of bolts/nuts, fasteners, and hardware (re-torque if necessary).
4. Be sure all safety decals are in place and are legible.
5. Check that the discharge and intake area are free of obstructions.
6. Inspect all moving or rotating parts to see if anything has become entangled in them. Remove any entangled material.
7. Check wheel bolts are tight and examine tires for gashes, uneven wear, or loss of air pressure. See [Section 8. – Specifications on page 43](#) for recommended tire pressure and torque information.

8. Check all operating, lifting, and transport components. Replace damaged or worn parts before using the auger.
9. Inspect the auger shaft bushing for unusual wear or discoloration.
10. Check the PTO shield and replace if damaged.
11. Inspect the winch cable for fraying, kinking, unwinding, or other possible damage.

## 6.4. Lubricate the Equipment

---

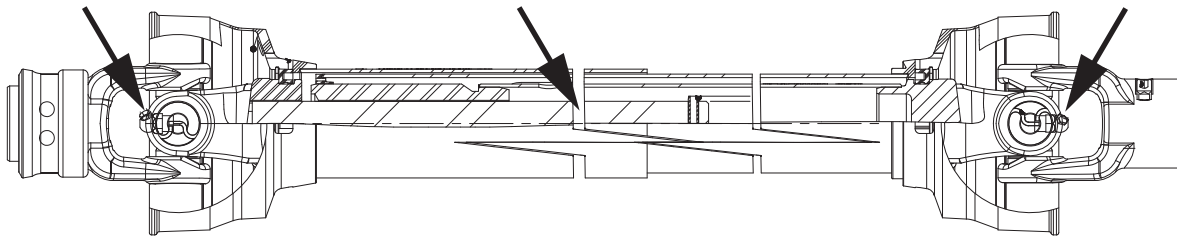
Your equipment can operate at top efficiency only if clean fluids and lubricants are used. Use clean containers to handle all fluids and lubricants. Store them in an area protected from dust, moisture, and other contaminants.

1. Wipe the grease fittings with a clean cloth before greasing to avoid injecting dirt and grit.
2. Use a hand-held grease gun for all greasing.
3. If fittings will not take grease, remove and clean thoroughly.
4. Replace fittings if they are broken or will not accept grease.
5. If intake bushing is present in your auger, lubricate it.

Use SAE multi-purpose high-temperature grease with extreme pressure (EP) performance. SAE multi-purpose lithium-based grease is also acceptable.

### 6.4.1 PTO Driveline

**Figure 6. Typical PTO Driveline Grease Points**



## 6.5. Check the Gearbox Oil

---

1. Remove fill/vent plug to check gearbox oil level. Insert an improvised dipstick (rolled paper or plastic tie) into the oil filler hole to determine the oil level.
2. Note the level and the condition of the oil. Maintain oil level at half full (center of cross shaft) with 90W or equivalent gear oil, adding as necessary or drain and refill if condition is poor.
3. Ensure gearbox is level when checking or refilling.
4. Do not overfill when adding oil.
5. Replace fill/vent plug.

## 6.6. Change the Gearbox Oil

---

Use SAE approved 90W or equivalent gear oil.

1. Remove gearbox from the auger.
2. Place a pan under the drain plug.
3. Use a wrench and remove the drain plug.
4. Loosen the filler plug so air can enter the gearbox and the oil will drain freely.
5. Allow the oil to drain completely.
6. Replace the drain plug.
7. Add oil until the gearbox is half full (center of cross shaft) and replace filler plug. A flexible funnel may be required. Gearbox should be level when checking or refilling. **Do not overfill.**
8. Reinstall the gearbox and guards.

## 6.7. Adjust the Upper Drive Chain

---

Maintain 1/4"–1/2" (0.64 cm–1.27 cm) chain deflection.

1. Loosen the bolts and remove the cover plate.
2. Loosen the bolts on the top bearing in the upper drive housing.

### Note

Improper adjustment of the drive chain will result in premature wear.

3. Remove the connecting link and link. Add a half link to the chain if required.
4. Grease the chain with SAE multi-purpose high-temperature grease with extreme pressure (EP) performance. SAE multi-purpose lithium-based grease is also acceptable.
5. Reattach the cover plate and tighten the bolts.

**Figure 7. Upper Drive Chain**



## 6.8. Grease the Intake Bushing

---

Use SAE multi-purpose high-temperature grease with extreme pressure (EP) performance. SAE multi-purpose lithium-based grease is also acceptable.

For continuous use in extreme cold, semi-fluid arctic grease or heavy oil may be used.

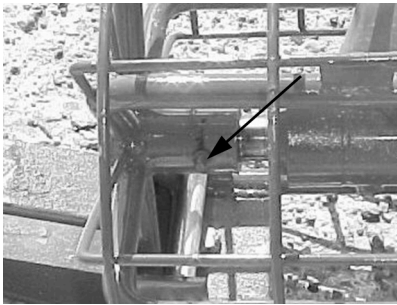
Use only a hand-held grease gun.

Wipe grease fitting with a clean cloth before greasing to avoid injecting dirt and grit.

If fitting will not take grease, remove and clean thoroughly. Also clean lubricant passageway. Replace fitting if necessary.

1. Lubricate the intake bushing zerk.

**Figure 8. Intake Zerk**



## 6.9. Grease the Upper Drive Chain

---

Use SAE multi-purpose high-temperature grease with extreme pressure (EP) performance. SAE multi-purpose lithium-based grease is also acceptable.

For continuous use in extreme cold, semi-fluid arctic grease or heavy oil may be used.

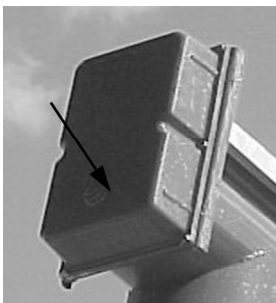
Use only a hand-held grease gun.

Wipe grease fitting with a clean cloth before greasing to avoid injecting dirt and grit.

If fitting will not take grease, remove and clean thoroughly. Also clean lubricant passageway. Replace fitting if necessary.

1. Fill enclosed upper drive housing to plug level with grease. See [Section 8. – Specifications on page 43](#).

**Figure 9. Upper Drive Chain Zerk**



## 6.10. Clean and Wash the Equipment

---

1. Clean out excess grain from all areas of the auger.
2. Make sure water can drain from the auger tube and intake, then wash the tube with a water hose or pressure washer until all dirt, mud, debris, or residue is gone.

### **Important**

Do not contact electronic controls with high pressure washer.

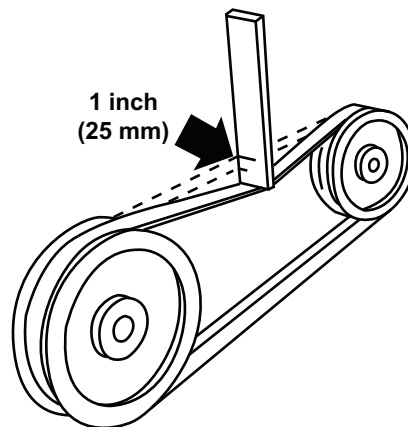
3. Provide sufficient time for the water to drain from the auger.

## 6.11. Tension the Drive Belts

---

1. Remove guard and push on the center of the belt span with a force of approximately 5 lb. The belts will deflect approximately 1" (25 mm) when properly tensioned.

**Figure 10. Typical Drive Belt Tensioning**



2. Tighten or loosen the drive belts (or idler pulley when equipped) to achieve the proper tension.

### **Important**

The drive belt should be just tight enough to not slip on the drive pulley when operating. If the belt is too loose, it will slip, possibly causing a squeaking sound and slowing the belt down. If the belt is too tight, it will cause excess wear.

3. Reattach and secure guard. Start system to ensure proper operation.

## 6.12. Align the Drive Belts

---

1. Lay a straight edge across the pulley faces to check the alignment.
2. Use the pulley hub to move the pulley to the required position for alignment.
3. Tighten the hub bolts to secure pulley on the drive shaft.
4. Check the belt tension.
5. Reattach and secure the guard.

## 6.13. Replace the Drive Belts

---

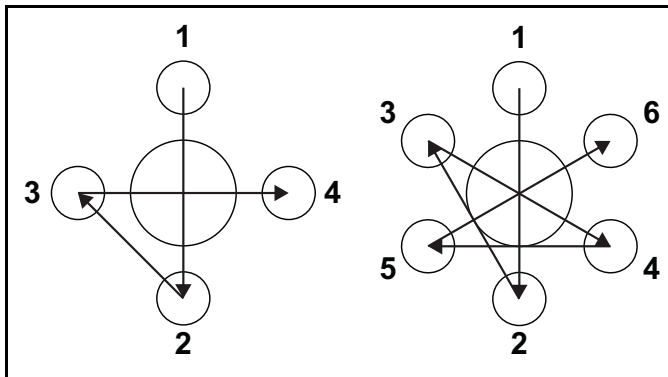
1. Remove the guard.
2. Fully loosen the drive belts.
3. Remove and replace the old belts.
4. Tighten the drive belts as described in Belt Tension.
5. Align the drive belts as described in Belt Alignment.
6. Reattach and secure the guard.

## 6.14. Repack the Wheel Bearings with Grease

---


1. Block wheels and ensure unit is stable.
2. Remove the wheel bolts and the wheels.
3. Clean wheel and hub mounting surfaces to ensure there is no rust or debris.
4. Remove the wheel bearing and pack with grease. Use SAE multi-purpose high-temperature grease with extreme pressure (EP) performance. SAE multi-purpose lithium-based grease is also acceptable.
5. Tighten the wheel bolts (diagonal pattern) with a torque wrench to 100 ft-lb ( $\pm 10$  ft-lb) of torque. Inspect to make sure the wheel is sitting flush with the hub.

**Figure 11. Diagonal Pattern for 4-bolt and 6-bolt Tires**



## 6.15. Inspect and Service the Hand Winch and Lift Cable

---

 **WARNING** Place auger in fully lowered position with cable slack.

1. Inspect the cable for damage such as fraying, kinking, or unwinding. Replace if damaged (see below).
2. Check to make sure cable clamps are secure.
3. Oil cable pulleys as needed.
4. Keep a film of grease on the gears. Occasionally oil the bushings, drum shaft, and ratchet.
5. Do not get oil or grease on brake discs.
6. Replace brake discs if less than 1/16" (1.6 mm) thick.
7. Check for proper ratchet pawl operation:
  - When cranking in (clockwise) = loud clicking
  - When cranking out (counterclockwise) = no clicking and ratchet pawl fully engaged into gear teeth.

### To Replace the Lift Cable:

1. Unwind the winch drum until cable is slack and remove all cable clamps.
2. Free the cable from the winch and pulleys.
3. Remove the cable clamps that secure the hook in place.
4. Reverse the above steps to install the new cable.

# 7. Troubleshooting

Find causes and solutions to common problems that can be encountered.



Before continuing, ensure you have completely read and understood this manual's Safety section, in addition to the safety information in the section(s) below.



## WARNING

Shut down and lock out all power sources before diagnosing any of the causes or attempting any of the solutions below.

The following section covers some causes and solutions to some of the problems that may be encountered.

If there is a problem that is difficult to solve, even after having read through this section, please contact your representative or AGI. Have this manual and the serial number available.

Auger

Problem	Cause	Solution
Excessive noise or vibration. *Remember to follow proper break-in procedures—flighting may run rough until tube is polished. If noise is extreme from outset or continuous after several loads of grain are fed, continue with troubleshooting.	Chatter from wooden bearings.	Spray penetrating lubricant between shaft and bearing surface. Bearings will break in over time. *If replacement of a bearing becomes necessary, split bearings are available to avoid having to slide all bearings off driveshaft.
	Flighting peeled back due to plugging.	Inspect spout end of auger for flighting condition. Remove and replace flighting sections as necessary.
	Top drive inadequately lubricated.	Fill to appropriate level with grease. Top drive is not designed to be filled with oil.
	Bent flighting sections.	Support auger and remove all flighting sections. Check for straightness of flight stubs by rolling across flat concrete section. Straighten stub or replace as necessary. Take care not to bend flighting when reinstalling.
	Obstruction in auger tube.	Visually inspect for cloth or trash wrapped around flighting, or buildup of gum from oily crops such as flax or canola.
Premature wear on auger tubes.	Auger being run at low capacity or empty for extended period of time.	Frequently occurs on farms using grain wagons. Auger should not be left unattended when filling bins. Depending on application, a belt conveyor may be more appropriate.
	Bent flighting.	



	Flighting allowed to wear beyond normal point of replacement.	When flighting becomes razor thin at intake, replacement is critical. Since flight material is double thickness at welded lap joints, high spots on flight occur and can accelerate spot tube wear.
The flighting does not turn.	Auger flighting is plugged or obstructed.	Identify and remove obstruction.
	Bearing is seized.	Identify the bearing and replace.
	A chain is broken.	Identify the chain and repair or replace.
	Upper drive chain is broken.	Repair or replace.
	Gearbox is seized.	Fix or replace the gearbox.
	Gearbox coupler bolt is broken or missing.	Replace the bolt.
Auger flighting is noisy.	Obstruction in the auger tube.	Identify and remove obstruction.
	Flighting shaft bolts are loose or damaged.	Tighten or replace bolts.
	Flighting shaft is bent.	Repair or replace flighting shaft.
	Flighting is damaged.	Repair or replace flighting.
	Worn bearing.	Repair or replace bearing.
	Low gear oil level.	Inspect the gearbox, replace if damaged or add oil if not damaged.
	Upper chain drive loose.	Tighten the chain as required.
Shear bolts fail repeatedly.	Incorrect shear bolt type.	Replace with correct part number. AGI shear bolts are specifically designed to provide correct driveline protection.
	Shear bolt hole worn out-of-round.	Frequent use of the incorrect shear bolt size can wear the mounting hole creating a “scissor effect,” which will require replacement of the affected parts.
	Corn spreaders in bin unable to keep up with auger output.	Slow down auger or remove corn spreaders.

	Flighting peeled back as a result of plugging.	Occurs when bin has overfilled, or corn spreaders restrict end of discharge. Inspect flighting at discharge end of auger. If necessary, replace flighting.
	Driveline failure.	See Maintenance Section.

## Drive

Problem	Cause	Solution
Drive belts jumping off pulleys.	Pulleys misaligned.	Ensure drive and driven pulleys are correctly aligned.
	Belts mismatched.	Check Specifications section for correct belt sizes and only replace in pairs.
	Belt tension inadequate.	Adjust tension.

# 8. Specifications

Specification		36	41
Tube Size		6" (152 mm)	
DIMENSIONS			
Height	Lowered	9'0"	9'7"
	Halfway	17'4"	20'2"
	Raised	24'10"	28'7"
Reach	Lowered	16'3"	18'8"
	Halfway	14'3"	16'4"
	Raised	11'2"	12'8"
Height at Lift Arms		10'0"	11'6"
Height at Wheels		14'4"	16'4"
Reach to Lift Arms		8'11"	10'2"
Wheel Thread		82"	88"
POWER REQUIREMENTS			
PTO Drive		540 rpm	
Max PTO Driveline Operating Angle		15°	
Max Operating Length		64" (1610 mm)	
OTHER			
Upper Drive Housing Grease Quantity		550 g (20 oz)	





Augers have minimum clearances from 10' (3.05 m) to 13' (3.96 m) in normal transport position.

# 9. Appendix

## 9.1. Bolt Torque

Table 3 gives the correct torque values for various hardware. Tighten all bolts to the torque specified, unless otherwise noted. Check tightness periodically, using Table 3 as a guide. Replace the hardware with the same strength bolt, contact AGI if you are unsure.

**Table 3. Recommended Bolt Torque<sup>1</sup>**

Size	Dry or Lubricated	Threads per inch (Course/Fine)	Area of Bolt (sq in.)		Recommended Torque (ft-lb)							
					 Grade 2		 Grade 5		 Grade 8		 8.8 S/S	
			Coarse	Fine	Coarse	Fine	Coarse	Fine	Coarse	Fine	Coarse	Fine
1/4"	Dry	20/28	0.0318	0.0364	5.5	6.3	8	10	12	14	6.3	7.8
	Lubricated				6.3	4.7	6.3	7.2	9	10	-	-
5/16"	Dry	18/24	0.0524	0.058	11	12	17	19	24	27	11	11.8
	Lubricated				8	9	13	14	18	20	-	-
3/8"	Dry	16/24	0.0775	0.0878	20	23	30	35	45	50	20	22
	Lubricated				15	17	23	25	35	35	-	-
7/16"	Dry	14/20	0.1063	0.1187	32	36	50	55	70	80	31	33
	Lubricated				24	27	35	40	50	80	-	-
1/2"	Dry	13/20	0.1419	0.1599	50	55	75	85	110	120	43	45
	Lubricated				35	40	55	65	80	90	-	-
9/16"	Dry	12/18	0.182	0.203	70	80	110	120	150	170	57	63
	Lubricated				55	60	80	90	110	130	-	-
5/8"	Dry	11/18	0.226	0.256	100	110	150	170	210	240	93	104
	Lubricated				75	85	110	130	160	180	-	-
3/4"	Dry	10/16	0.334	0.373	175	200	260	300	380	420	128	124
	Lubricated				130	140	200	220	280	310	-	-
7/8"	Dry	9/14	0.462	0.508	170	180	430	470	600	670	194	193
	Lubricated				125	140	320	350	180	180	-	-
1"	Dry	8/14	0.606	0.679	250	280	640	720	910	1020	287	289
	Lubricated				190	210	480	540	680	760	-	-
1-1/8"	Dry	7/12	0.763	0.856	350	400	790	890	1290	1440	288	290
	Lubricated				270	300	590	670	970	1080	-	-
1-1/4"	Dry	7/12	0.989	1.073	500	550	1120	1240	1820	2010	289	291
	Lubricated				380	420	840	930	1360	1510	-	-
1-1/2"	Dry	6/12	1.405	1.581	870	960	1950	2200	3160	3560	-	-
	Lubricated				650	730	1460	1640	2370	2670	-	-

1. Torque value for bolts and cap screws are identified by their head markings. Established at 75% of yield strength of bolt given the cross-sectional area.

### Note

Torque figures in table are valid for non-greased or non-oiled threads and head unless otherwise specified. Therefore, do not grease or oil bolts or cap screws unless otherwise specified in this manual. When using locking elements, increase torque values by 5%.

# 10. AGI Limited Warranty

This warranty relates to AGI Augers (the “Product”) sold by AGI, (referred to herein as the “Seller”) and applies only to the first user of the Product (meaning a purchaser directly from the Seller or from an authorized dealer or distributor of the Product, referred to herein as the “Buyer”).

This warranty shall only be effective if properly registered with the Seller in accordance with information provided to the Buyer at the time of sale.

1. The Seller warrants to the Buyer that the Product is free from defects in material and workmanship **under normal and reasonable use.**
2. This warranty applies only to defects in materials and workmanship and not to damage incurred in shipping or handling, through normal wear and tear, or damage due to causes beyond the control of the Seller such as lightning, fire, flood, wind, earthquake, excessive voltage, mechanical shock, water damage, or damage arising out of abuse, alteration, improper assembly, improper installation, improper maintenance or improper repair of the Product.
3. **The warranty period for the Product shall be two years from delivery of the Product to the Buyer where the Product is used in a normal farm operation. First year of warranty coverage of parts and labour, second year warranty coverage of parts only. Warranty period for the Product shall be 90 days from delivery of the Product to the Buyer where the Product is used in a commercial operation.** In the event that any part incorporated into the Product is manufactured and sold to the Seller by a third party vendor, such part is only warranted to the extent of the warranty given by that third party.
4. The obligations set forth in this warranty are conditional upon the Buyer promptly notifying the Seller of any defect and completing reasonably required documentation and, if required, promptly making the Product available for correction. The Seller shall be given reasonable opportunity to investigate all claims and no Product shall be returned to the Seller or part disposed of until after inspection and approval by the Seller and receipt by the Buyer of written shipping instructions, with transportation charges prepaid.
5. Upon return of the Product, or such part of the Product that requires correction, the Seller shall, at the Seller’s option, either repair or replace the Product or such part. The Seller shall replace or attempt to repair and return the Product or such part within a reasonable period of time from receipt of an approved warranty claim from the Buyer. If the Seller is unable to repair or replace the Product, the Buyer shall be entitled to a credit note in the amount of the purchase price for the Product.
6. The total liability of the Seller on any claim, whether in contract, tort or otherwise, arising out of, connected with, or resulting from the manufacture, sale, delivery, repair, replacement or use of the Product or any part thereof **shall not exceed the price paid for the Product** and the Seller shall not be liable for any special indirect, incidental or consequential damages caused by reason of the installation, modification, use, repair, maintenance or mechanical failure of the Product. **Consequential or special damages as used herein include, but are not limited to, lost or damaged products or goods, costs of transportation, lost sales, lost orders, lost income, increased overhead, labor and incidental costs and operational inefficiencies.**
7. **Notwithstanding anything contained herein to the contrary, the foregoing is the Buyer’s sole and exclusive remedy for breach of warranty by the Seller in respect of the Product. The Seller, for itself, its agents, contractors, employees and for any parent or subsidiary of the Seller, expressly disclaims all warranties, either express or implied, written or oral, including implied warranties of merchantability or fitness for a particular purpose and undertakes no obligation with respect to the conformity of the Product except as set out in the purchase agreement, if any, or marketing materials.**
8. The foregoing warranty is the entire warranty of the Seller to the Buyer and the Buyer shall not be entitled to rely upon any representation or warranty contained in any marketing material of the Seller in respect of the Product. The Seller neither assumes, nor authorizes any other person purporting to act on its behalf to modify or to change this warranty, nor to assume for it any other warranty or liability concerning the Product.






**WARRANTY VOID IF NOT REGISTERED**

AGI is a leading provider of equipment solutions for agriculture bulk commodities including seed, fertilizer, grain, and feed systems with a growing platform in providing equipment and solutions for food processing facilities. AGI has manufacturing facilities in Canada, the United States, the United Kingdom, Brazil, South Africa, India and Italy and distributes its products globally.



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Please include the part number listed on the cover page in your message.