

Renegade, Sheriff, and Outlaw Models

Post Pounder Operator's Manual

This manual applies to:

Standard Models

Plus Models

Optional Pilot Auger



Part Number: P302000078 R7

Revised: August 2021

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.

Date	Employee Name and Signature	Employer Name and Signature
	+	

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1. Introduction

Thank you for your purchase. Follow the instructions in this manual for safe use of this post pounder. Following proper operation and maintenance will help to keep the post pounder 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 post pounder 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	



RENEGADE



SHERIFF



OUTLAW

1.2. Intended Use

The post pounder 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 post pounder:

- Installing standard round or square wood fence posts.
- Installing steel fence posts.

2. Safety

2.1. Safety Alert Symbol and Signal Words



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.

A DANGER

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

⚠ WARNING

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

⚠ CAUTION

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

NOTICE

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

2.2. Follow Safety Instructions

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.
- Do not modify the post pounder in any way without written permission from the manufacturer and 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. Pounding Posts



- Keep body away when operating machine.
- Never put your hand between the post hugger and a post.
- Always use the post hugger to hold a post. Never hold a post with any part of your body.
- Never place any part of your body under the post pounder head when it is in the raised position.
- Always wear proper eye, hand, leg, foot, and head protection.
- Do not use damaged posts, flying debris could cause serious injury.





2.4. Overhead Power Lines



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



2.5. Underground Power Lines



- When operating, keep post pounder away from underground power lines and devices.
- The post pounder is not insulated.
- Call the local utility company before operating to ensure there are no buried power lines where you will be working.
- If posts hit underground power lines you can be seriously injured or die from electrocution.



2.6. Underground Gas Lines

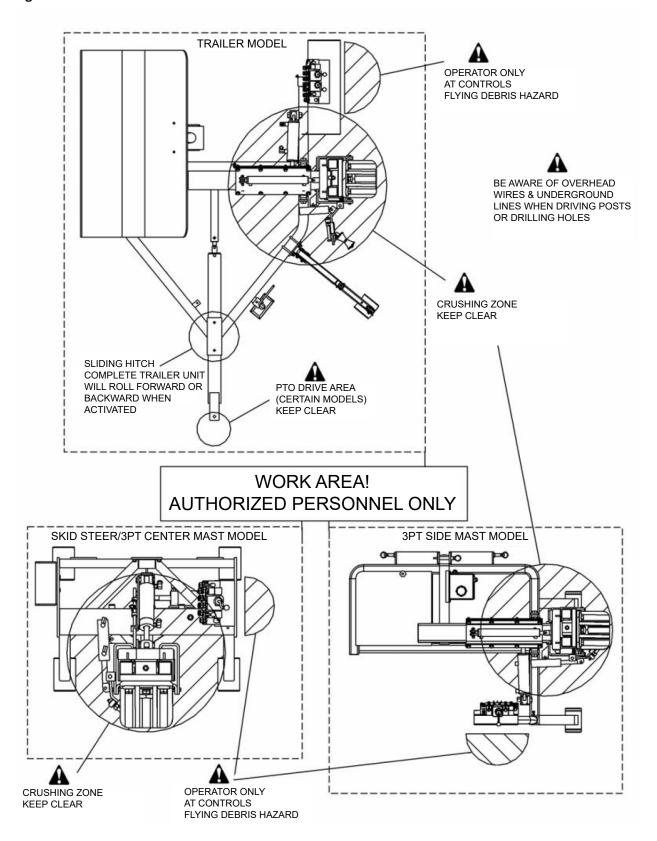


DANGER • When operating or moving, keep the post pounder away from underground gas lines.

2.7. Work Area Safety

- Have another trained person nearby who can shut down the post pounder in case of accident.
- The work area should be kept clear of bystanders, including children.
- Keep the work area clean and free of debris.

Figure 1. Post Pounder Work Area



2.8. Transport on Roads

- MARNING 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 extreme care and minimum ground speed when operating or transporting on hillsides, or near ditches or fences.
 - 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 post pounder or towing vehicle during transport.
 - Attach to towing vehicle with an appropriate pin and retainer. Always attach safety chain(s).
 - Place the post pounder in the transport position before moving on roads.

2.9. Drives and Lockout Safety

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.



2.9.1 Gas Engine Safety

⚠ WARNING Power Source

- Keep guards in place and secure.
- Properly ventilate surrounding area.
- Never fill the fuel tank with the engine running, while smoking, or near an open flame. Always shut down and allow engine to cool before filling with fuel.
- Never overfill the tank or spill fuel. If fuel is spilled, clean it up immediately.
- Be sure to use the correct type and grade of fuel. Ground the fuel funnel or nozzle against the filler neck to prevent sparks that could ignite fuel vapors.
- Be sure to replace the fuel fill cap when you are done.

Lockout

- · For engines with an electric start, remove the ignition key, the spark plug wire, or the spark plug.
- For engines with a rope or crank start, remove the spark plug wire or the spark plug.

2.9.2 PTO Safety

⚠ WARNING Drive

- Ensure that the PTO is attached securely to the tractor and the machine.
- Make sure all PTO guards are in good repair and in place prior to hooking up the PTO. Lockout
- Position all controls in neutral, shut off tractor's engine, and remove key from tractor.
- If removing key is impossible, remove PTO from tractor.



2.9.3 Hydraulic Power Safety

⚠ WARNING Power Source

- Refer to the rules and regulations applicable to the power source operating your hydraulic drive.
- Do not connect or disconnect hydraulic lines while system is under pressure.
- Keep all hydraulic lines away from moving parts and pinch points.
- Escaping hydraulic fluid under pressure will cause serious injury if it penetrates the skin surface (serious infection or toxic reaction can develop). See a doctor immediately if injured.
- Use metal or wood as a backstop when searching for hydraulic leaks and wear proper hand and eye protection.
- Check all hydraulic components are tight and in good condition. Replace any worn, cut, abraded, flattened, or crimped hoses.
- Clean the connections before connecting to equipment.
- Do not attempt any makeshift repairs to the hydraulic fittings or hoses with tape, clamps, or adhesive. The hydraulic system operates under extremely high pressure; such repairs will fail suddenly and create a hazardous and unsafe condition.

Lockout

• Always place all hydraulic controls in neutral and relieve system pressure before disconnecting or working on hydraulic system.



2.10. Tire Safety



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.





2.11. Battery Safety

⚠ WARNING

- Wear safety glasses and protective gloves when working near batteries.
- Make certain the battery or terminal covers are in place and in good working order.
- Keep all sparks and flames away from batteries; gas given off by electrolyte is explosive.
- Avoid contact with battery electrolyte. Wash off any spilled electrolyte immediately.
- Do not tip batteries more than 45° to avoid electrolyte loss.
- To avoid injury from sparks or short circuits, disconnect battery ground cable before servicing any part of an electrical system.



2.12. 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.



Hearing Protection

• Wear ear protection to prevent hearing damage.



Work Gloves

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



2.13. Safety Equipment

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.



2.14. Safety Decals

- 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.

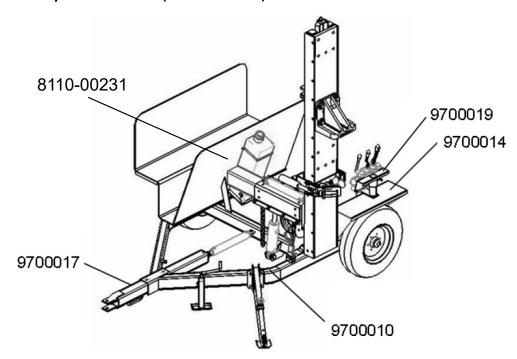
2.14.1 Decal Installation/Replacement

- 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.

2.14.2 Safety Decal Locations and Details

Replicas of the safety decals that are attached to the post pounder and their messages are shown in the figure (s) that follow. Safe operation and use of the post pounder 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. Renegade Safety Decal Locations (Trailer Pounder)



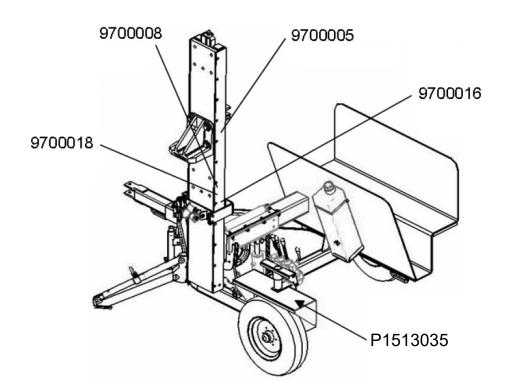


Figure 3. Outlaw Safety Decal Locations (3-Point Side Mast Pounder)

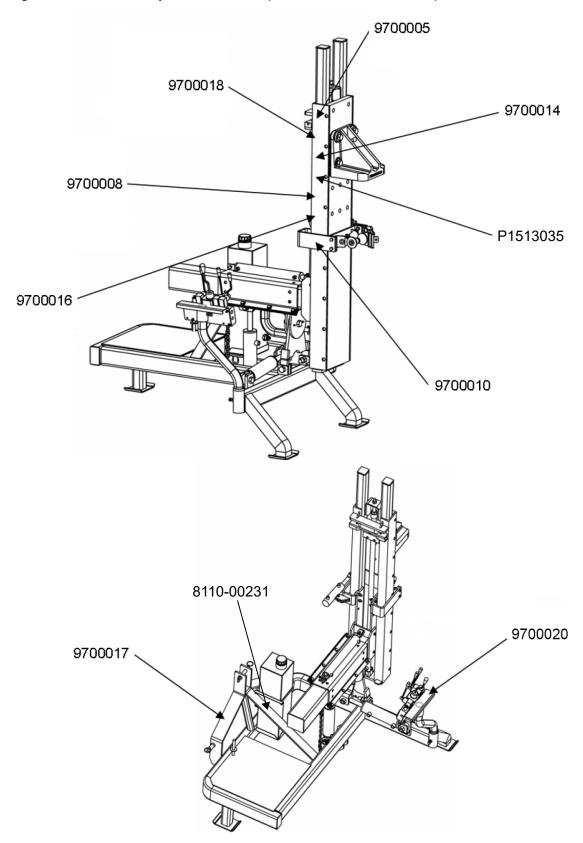


Figure 4. Sheriff Safety Decal Locations (Skid Steer / 3-Point Center Mast Pounder)

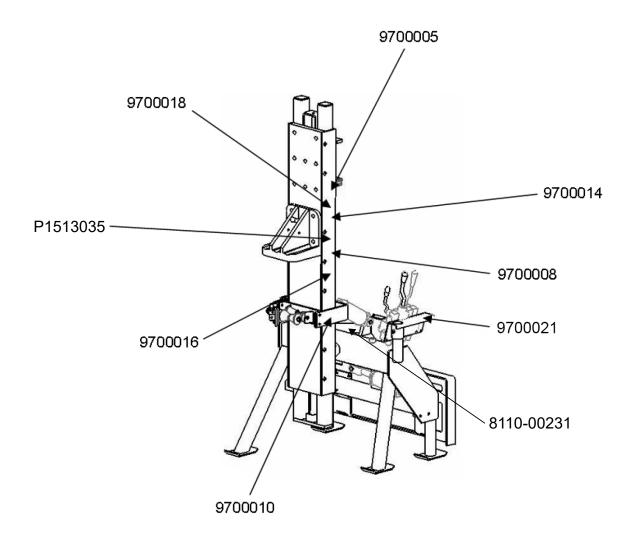


Figure 5. Pilot Auger Safety Decal Locations

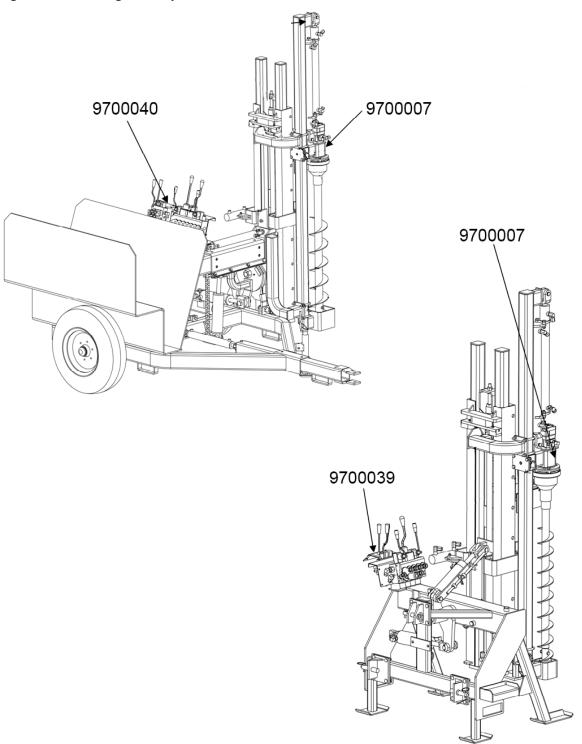


Table 1. Safety Decals

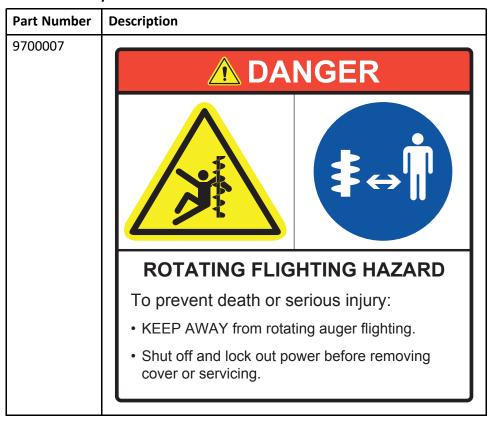


Table 1 Safety Decals (continued)

Part Number	Description
9700005	⚠ DANGER
	ELECTROCUTION HAZARD
	This equipment is not insulated. Contact with power lines will result in serious injury or death.
	 Keep away from overhead and buried power lines. Arcing and possible electrocution can occur even without direct contact.
	Consult local utility companies before operating machine near overhead or buried power lines or buried gas lines.

Table 1 Safety Decals (continued)

Part Number	Description	
9700014	⚠ WARNING	
	To prevent serious injury or death:	
	 Read and understand the manual before assembling, operating, or maintaining the equipment. 	
	Only trained personnel may assemble, operate, or maintain the equipment.	
	Children and untrained personnel must be kept outside of the work area.	
	Do not modify the equipment. Keep in good working order.	
	Lock out power before performing maintenance.	
	 If the manual, guards, or decals are missing or damaged, contact factory or representative for free replacements. 	

Table 1 Safety Decals (continued)

Part Number Description P1513035 **⚠ WARNING** HIGH PRESSURE FLUID HAZARD Hydraulic fluid can cause serious injury if it pénetrates the skin. If it does, see a doctor immediately. · Relieve system pressure before repairing, adjusting or disconnecting. Wear proper hand and eye protection when searching for leaks. Use wood or cardboard instead of hands. 9700018 **⚠ WARNING FLYING DEBRIS HAZARD** To prevent death or serious injury: • Always wear proper eye, hand, leg and foot protection. • Do not use damaged posts.

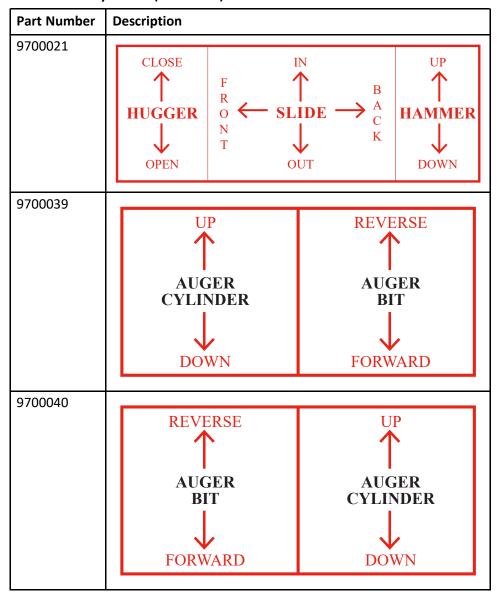
Table 1 Safety Decals (continued)

Part Number	Description
9700017	TRANSPORT HAZARD To prevent serious injury or death, before transporting, you must: Fully retract all post pounder mast cylinders. Shut off and lock out power to adjust, service, or clean. Install safety chains between the towing vehicle frame and post pounder hitch. To prevent serious injury or death from loss of control: Do not exceed rated tire speed. Do not tow the machine faster than road conditions will safely allow. Consult local authorities for restrictions on towing speed, weight and length.
9700010	ROLLOVER HAZARD To prevent serious injury or death: Before operating on uneven ground, extend outrigger leg, if provided. Retract leg before moving. If no outrigger leg is provided, use extreme caution when operating on any slope. Follow vehicle instructions when driving on slopes.
9700016	CRUSH HAZARD
	To prevent serious injury: • Keep away when operating the machine.
	 Never put your hand between the post hugger and a post. Only use post hugger to hold posts. Never place any part of your body under the pounder head when it is in the raised position. Fully lower pounder head and shut off and remove key or lock out power source before inspecting or servicing machine.

Table 1 Safety Decals (continued)

Part Number	Description
9700008	⚠ WARNING
	FLYING PARTS HAZARD
	To prevent serious injury or death:
	Before tightening pounder head bolts, lower pounder head and shut off and remove key or lock out power source.
	 Each day, before using machine, be sure pounder head bolts are torqued to 760 lbft (1165 Nm).
8110-00231	
	NOTICE
	AUTOMATIC TRANSMISSION FLUID (ATF) ONLY
	Capacity: 28 L (7.4 gal)
	Use of other oil types may damage the equipment.
9700019	
	$ \begin{array}{c c} \text{CLOSE} & \text{IN} & \text{F} & \text{IN} \\ \hline \\ \textbf{HUGGER} & \text{F} & \textbf{S} & \\ \textbf{O} & \leftarrow & \textbf{HITCH} \\ \hline \\ \textbf{N} & \textbf{D} & \\ \textbf{N} & \textbf{E} & \\ \textbf{OPEN} & \text{OUT} & \\ \hline \\ \textbf{OUT} & \text{DOUT} & \\ \hline \\ \textbf{D} & \text{OUT} & \\ \hline \\ \textbf{P} & \text{OUT} & \\ \hline \\ \textbf{D} & \text{OUT} & \\ \hline \\ \textbf{P} & \text{OUT} & \\ \hline \\ \textbf{D} & \text{OUT} & \\ \hline \\ \textbf{D} & \text{OWN} \\ \hline \\ \textbf{A} & \text{CALTION} ENSURE CONTROLS ARE PLACED IN THE OPERATING POSITION BEFORE USING UNIT. REFER TO OPERATOR MANUAL.} \\ \hline $
9700020	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
	$\begin{array}{ c c c c c c } \hline \textbf{HUGGER} & \overset{A}{C} & \longleftarrow & \textbf{TILT} & \longrightarrow \overset{X}{W} & \textbf{SLIDE} & & \textbf{HAMMER} \\ \downarrow & & & & & \overset{A}{K} & & \downarrow & & \downarrow \\ OPEN & & OUT & D & OUT & DOWN & \\ \hline \end{array}$
	A CAUTION ENSURE CONTROLS ARE PLACED IN THE OPERATING POSITION BEFORE USING UNIT. REFER TO OPERATOR MANUAL.

Table 1 Safety Decals (continued)



3. Features

Figure 6. Renegade (Trailer Pounder)

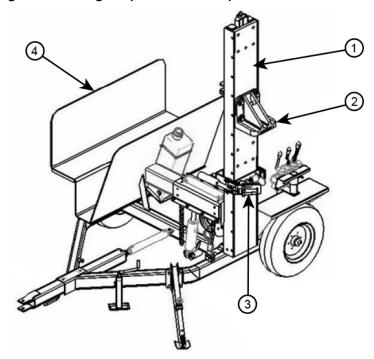


Table 2. Renegade Features

Item	Description
1	Mast
2	Hammer Head
3	Hugger
4	Post Bin

Figure 7. Outlaw (3-Point Side Mast Pounder)

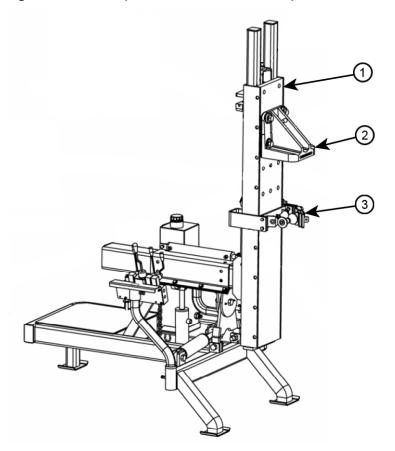


Table 3. Outlaw Features

Item	Description
1	Mast
2	Hammer Head
3	Hugger

Figure 8. Sheriff (Skid Steer / 3-Point Center Mast Pounder)

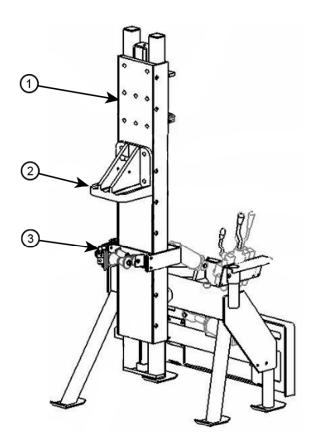


Table 4. Sheriff Features

Item	Description
1	Mast
2	Hammer Head
3	Hugger

4. Transport



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.

4.1. Transport Safety

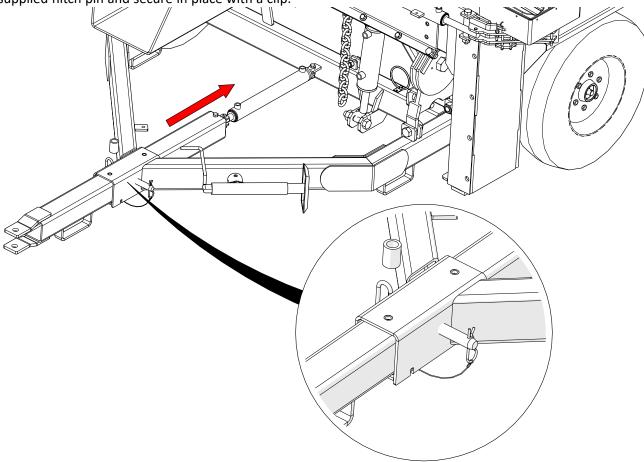
- ⚠ WARNING Check with local authorities regarding transport on public roads. Obey all applicable laws. and regulations.
 - Always travel at a safe speed, never exceeding 20 mph (32 km/h). Reduce speed on rough surfaces. Use caution when turning corners or meeting traffic.
 - Yield to other drivers and allow faster traffic to pass.
 - Make sure the SMV (slow moving vehicle) emblem 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 post pounder.
 - Do not allow riders on the post pounder or towing vehicle during transport.
 - Attach to a proper towing vehicle with a pin and retainer. Always attach safety chain(s).
 - Do not transport on slopes greater than 20°.
 - Do not transport with an under-inflated tire(s).
 - Place the post pounder in the transport position before moving on roads.
 - Use extreme care and minimum ground speed when operating or transporting on hillsides, or near ditches or fences.

4.2. Transport Procedure

Renegade (Trailer Model)

- 1. Position the pounder mast head into the fully lowered position.
- 2. Retract the pounder mast so it is fully leaned back prior to transporting.

3. Retract the hitch hydraulic cylinder until the pin holes in the hitch box and hitch tube are aligned. Insert the supplied hitch pin and secure in place with a clip.



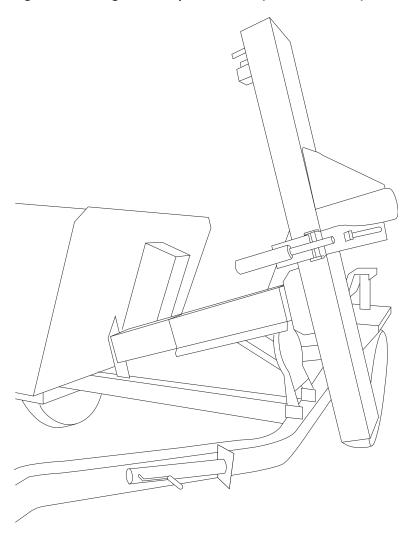
4. Attach the unit to the tractor/towing unit with a pin, retainer, and safety chain.

Note

Use safety chain rated to carry more than the weight of the post pounder, refer to Specifications.

- 5. Lock out all power to the post pounder.
- 6. PTO Models: Disconnect PTO from tractor.
- 7. Place the jack in transport position.

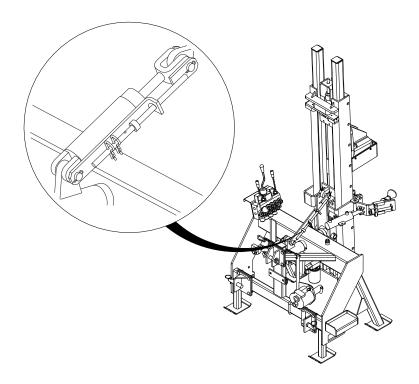
Figure 9. Renegade Transport Position (Trailer Pounder)



Sheriff (3-Point Center Mast Pounder)

- 1. Position the pounder mast head into the fully lowered position.
- 2. Retract the pounder mast so it is fully leaned back.
- 3. Attach the unit to a Category I or II three point hitch and secure with pins.
- 4. Raise the 3-point hitch just high enough to allow for safe transport. Refer to your tractor operation manual for further details.
- 5. Lock the pounder mast in transport position and secure with hairpins.
- 6. Ensure transport locks have hairpins installed with the mast centered and top cylinder retracted.
- 7. Lock out all power to the post pounder.

Figure 10. Transport Position with Lock and Pin for Sheriff (3-Point Center Mast Pounder)



Sheriff (Skid Steer Pounder Model)

- 1. Position the pounder mast head into the fully lowered position.
- 2. Retract the pounder mast so it is fully leaned back prior to transporting.
- 3. Attach and pin to skid steer loader adapter.
- 4. Lock the pounder mast in transport position and secure with hairpins.
- 5. Lock out all power to the post pounder.
- 6. Raise the skid steer post pounder just high enough to allow for safe transport. Refer to your skid steer loader operation manual for further details.

MARNING DO NOT transport the post pounder if it is raised above the skid steer loader cab.

Outlaw (3-Point Side Mast Pounder Model)

- 1. Position the pounder mast head into the fully lowered position.
- 2. Retract the pounder mast so it is fully leaned back prior to transporting.
- 3. Attach the unit to a Category II three point hitch and secure with pins.
- 4. Raise the 3-point hitch just high enough to allow for safe transport. Refer to your tractor operation manual for further details.

5. Lock out all power to the post pounder.

5. Placement



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.

5.1. Placement Safety

⚠ WARNING

- Keep away from overhead power lines. Arcing and possible electrocution can occur without direct contact.
- Consult local utility companies before operating post pounder near overhead or buried power lines or gas lines.
- Use extreme care and minimum ground speed when positioning the post pounder on hillsides, over rough ground, or near ditches or fences.
- Place post pounder on reasonably level ground before operating.
- Never attempt to increase height of the post pounder by positioning wheels on lumber, blocks, or by any other means.
- Be careful when backing up machine.

5.2. Positioning the Post Pounder



On the **Sheriff Model** post pounder, remove hairpins on transport locks before operating.

To place the post pounder into its working position:

- 1. Depending on your specific model, set the park brake on the towing unit, tractor, or skid steer loader before dismounting.
- 2. Remove all transport locks.
- 3. Place the hydraulic valve in the working positions, see Figure 1 on page 9. Failure to have valve positioned correctly will mean the orientation of the valve and instructional decal will be incorrect.



- 4. **Sheriff Model:** Place all support legs securely on the ground before using the machine.
- 5. **Renegade Model with Optional Outrigger Leg:** With the post pounder in the desired location, pull the spring pin and allow the outrigger leg to drop to the ground, see Figure 11. The spring pin must engage with the stabilizer lower arm to lock the leg in the down position. Raise the outrigger leg and lock in the upright position before moving the post pounder.

Figure 11. Outrigger Leg Working Position (Left) and Transport Position (Right)

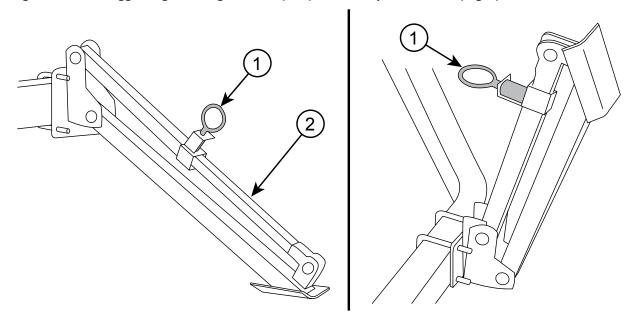


Table 5. Outrigger Leg Components

Item	Description
1	Spring Pin
2	Lower Arm

6. Operation



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.

6.1. Operation Safety

- WARNING
 Keep away from rotating and moving parts.
 - Never put your hand between the post hugger and a post.
 - Always use the post hugger to hold a post. Never hold a post with any part of your body.
 - Never place any part of your body under the post pounder head when it is in the raised position.
 - Always wear proper eye, hand, leg, foot, head, and hearing protection.
 - Do not use damaged posts, flying debris could cause serious injury.
 - Do not use damaged belts, there is a risk of flying debris.
 - 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.

6.2. Start-up and Break-in

Check the following items before operating the Post Pounder:

- 1. Visually inspect the post pounder, see Visual Inspection Section 7. Maintenance on page 45.
- 2. Ensure that the post pounder is securely attached to the towing vehicle, tractor, or skid steer loader.
- 3. Use adequate power to operate the post pounder, refer to Section 9. Specifications on page 56.
- 4. Start the post pounder and check the function of all hydraulics by extending and retracting all of the cylinders.
- 5. Operate the post pounder normally, refer to power source instructions and driving a post for further detail.
- 6. Stop the post pounder when work is complete and lower fully.

Important

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

After operating 10 hours:

- 1. Retorque all wheel bolts (if applicable), fasteners, and hardware.
- 2. Grease all zerks; do not grease plastic slides or mast rails.
- 3. Check the level of hydraulic fluid in the reservoir.

4. Check the tightness of all hydraulic hoses and fittings.

6.3. Operation - Gas Engine Models



When Equipped with a Gas Engine:

- 1. Start the gas engine. Follow instructions provided with the gas engine for specific starting instructions.
- 2. Adjust gas engine to provide maximum engine RPM.
- 3. When operation is completed, fully lower the pounder mast.
- 4. Lean the mast back into the transport position.
- 5. Fully retract the hitch cylinder.
- 6. Reduce engine speed to low idle.
- 7. Shut off engine and lock out power source.
- 8. Shut off the fuel supply.

6.4. Operation - Hydraulic Motor Models



When Equipped with a Hydraulic Motor:

- 1. Place all controls in neutral on the power source.
- 2. Start the power source and run it at low idle.
- 3. Engage the power source hydraulic control lever and increase the engine to desired speed.
- 4. When operation is completed, fully lower the pounder mast.
- 5. Lean the mast back into the transport position.
- 6. Place the hydraulic control lever in neutral to shut off flow of oil to the pounder hydraulic valve.
- 7. Remove key or lock out power source.
- 8. Install hairpins on the transport lock.

6.5. Operation - PTO Drive



When Equipped with a PTO Drive:

- 1. Attach the PTO securely to the tractor and confirm connection to the post pounder is secure.
- 2. Ensure the PTO drive on the tractor is in the off position before starting the tractor.
- 3. 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.
- 4. If everything is operating normally, increase the speed to rated rpm.
- 5. When operation is completed, fully lower the pounder mast.
- 6. Lean the mast back into the transport position. Fully extend the hitch cylinder (if equipped).

7. Reduce the speed to low idle and lock out the PTO.

6.6. Driving a Post

Before Driving a Post

- 1. Use the hitch cylinder, slider cylinder, and tilt cylinder to help align the post pounder hammer to the post.
- 2. Use the hugger to secure the post in place. The hugger as shown in Figure 12 is intended for round wood posts. If using square wood posts or steel t-posts, change the hugger to properly secure the post. Contact your local dealer if you need a different type of hugger. Refer to Section 9. Specifications on page 56 for maximum post sizes that can be used with each post pounder model.
- 3. Using the hydraulic controls, raise the impact head just enough to fit a post under it, see the hydraulic valve instructional decal for control details, see Figure 13 or Figure 14 as applicable for your model.
- 4. Open the hugger, see Figure 12.
- 5. Place the post standing up straight against the roller plate cones.
- 6. Close the hugger arm to clamp the post in. Some adjustment of the roller arm may be required to hold the post firmly.
- 7. Adjust the hugger to hold the post snug by setting the two pins, which are holding the rollar arm on the hugger arm, in the proper pin holes. Make sure the roller arm cones are centered on the post.

Note

If various sizes of posts are to be used on a job, the hugger arm may need to be adjusted to fit at each substantial change of post size.

Figure 12. Hugger Open (Left) and Hugger Closed (Right)

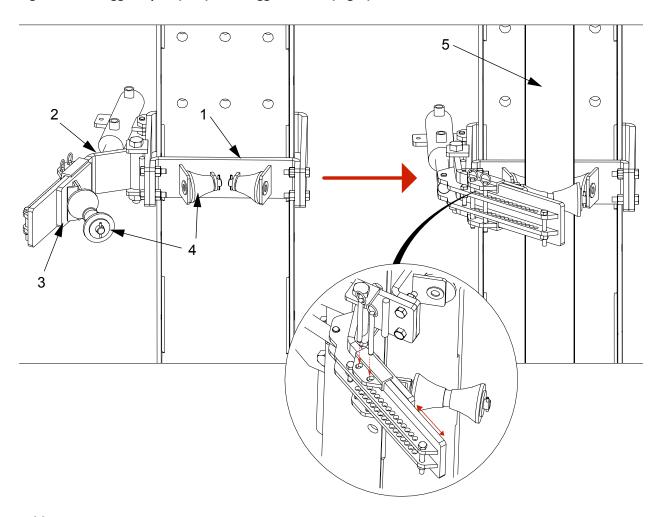


Table 6. Hugger Components

Item	Description
1	Roller Plate
2	Hugger Arm
3	Roller Arm
4	Cones
5	Post

Driving a Post

1. Use the hydraulic control valves to position the hammer in the desired position, see Figure 13 or Figure 14 as applicable for your model.

Figure 13. Sheriff Hydraulic Control Valves (Skid Steer / 3-Point Center Mast Pounder)

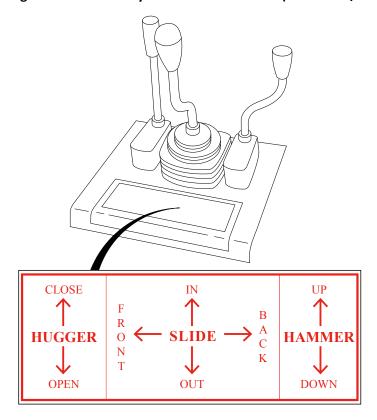
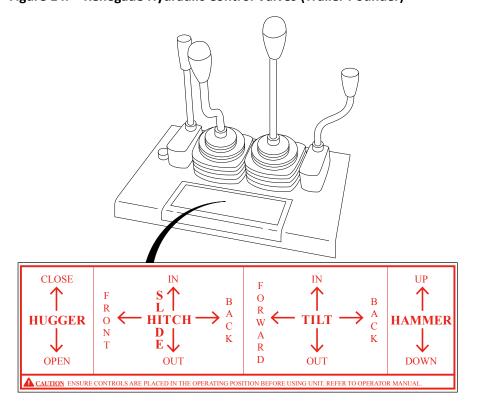


Figure 14. Renegade Hydraulic Control Valves (Trailer Pounder)



- 2. With the post held in the hugger and the outrigger leg (Renegade Plus only) locked in the down position, raise the impact head approximately 1' to 2' above the post before driving the post down. This partial stroke is used to set the post.
 - **WARNING** Keep your hands clear of the hammer when driving a post. Use the post hugger to hold the post in position.
- 3. Continue driving the post using the hydraulic control, raising the impact head and dropping it onto the posts.
 - a. For large posts: Raise the impact head as much as needed to safely drive the post.
 - b. For small posts: Use shorter strokes to prevent damage to posts.
 - **NOTICE** Do not allow the hammer to collide forcefully with the rubber hammer stop. Always slow the speed of the hammer before it reaches the hammer stop to avoid damaging the equipment.
- 4. Continue driving the post until the desired height is achieved.
 - **NOTICE** If a post becomes crooked, DO NOT use the hugger to straighten the post. Damage to the hugger may result.
 - MARNING DO NOT let impact head free fall without pounding a post. If the impact head must be lowered without a post in place, shut off and lock out the power source and gently actuate the hydraulic valve to lower the impact head.

Before Moving to the Next Post

- 1. Raise the outrigger leg and lock in the upright position, see .
 - WARNING Failure to use the outrigger leg may result in tip over of the post pounder and severe injury.
- 2. Open the hugger and retract the slider.

6.7. Pilot Auger

- The Pilot Auger is an option available on some post pounder models. It is used to drill holes to allow posts to be pounded into ground more easily. It is especially helpful in rocky terrain.
- 1. Ensure slider tube is clean and lubricated and the pilot auger is free of dirt and debris, see Section 7. Maintenance on page 45.
- 2. Position the pilot auger as desired and ensure level using the Post Pounder controls, see Post Pounder Hydraulic Valve Instructional Decal.
- 3. **Sheriff and Outlaw Models (Three Point Hitch Pounders):** To level the pilot auger consult the tractor operator's manual.

Note

When drilling in hard or rocky ground with 3-point hitch models, start with the pilot auger leaning slightly back may help it to drill straight down once full operating pressure is reached. This is due to slack in the tractor 3-point hitch.

4. Lock the park brake on the transport unit.

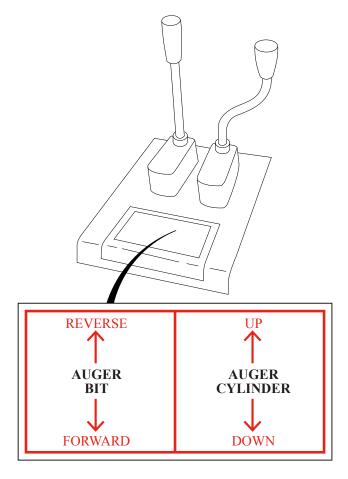
MARNING Always wear safety glasses when operating, especially when digging in rocky ground.

WARNING Risk of serious injury or death.Never attempt to add any extra pressure to the pilot auger to dig holes.

DANGER Rotating auger hazard. Keep away from the pilot auger during operation.

5. Noting the operational labels shown in Figure 15, auger a hole as desired to a maximum depth of 40 inches.

Figure 15. Pilot Auger Controls



- 6. The Pilot Auger can be used to drill holes in hard and soft ground, rocky ground, frozen ground, and some softer solid rock.
 - **WARNING** Skid steer and 3pt pounders must have all support legs securely on the ground before using machine.
- 7. Optimum RPM for the Pilot Auger depends on the condition of the ground. Generally, the harder the ground the slower the RPM of the pilot auger. For example, 30-40RPM in rocky soil and up to 50RPM in packed ground.
- 8. Run the pilot auger in and out of the hole several times until the hole is clean. Each time, bring the Pilot Auger out of the ground not turning. Once the pilot auger is fully out of the ground, place it back into gear to spin off the excess material before re-inserting into the ground

Note

If the pilot auger is spinning, but not advancing into the ground, raise it out of the ground and clean, then reinsert. If cleaning fails to help, slow down the tractor or gas engine rpm to dig slower.

CAUTION The pilot auger rock bit may overheat after drilling holes, especially in rocky ground. To prevent risk of burns, do not touch the pilot auger or rock bit after drilling holes.

9. After operation, fully retract the pilot auger and ensure the stabilizer is in place. Adjust to correct position if required and note the stabilizer correct position.

Figure 16. Pilot Auger

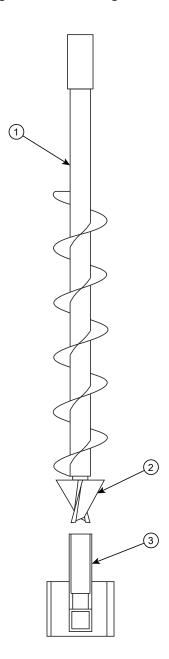


Table 7. Pilot Auger Components

Item	Description
1	Auger
2	Bit Head
3	Stabilizer

6.8. Storage

After the season's use, the post pounder should be thoroughly inspected and prepared for storage. Repair or replace any worn or damaged components and perform maintenance as described in the Maintenance section to prevent any unnecessary downtime at the start of the next season.

- 1. Wash the entire post pounder thoroughly using a water hose or pressure washer to remove all dirt, mud, debris, or residue.
- 2. Touch up all paint nicks and scratches to prevent rusting.
- 3. Check tire pressure (if applicable) and inflate according to tire side-wall recommendations.
- 4. Inspect the post pounder for cracks, tightness of fittings and fasteners, hydraulic hose cracks. Have required repairs performed to replace worn or damaged components and complete required annual maintenance.
- 5. Store in an area that is dry, level, free of debris, and away from human activity. Store inside if possible.
- 6. Cover the motor (if applicable) with waterproof tarpaulin if stored outside to protect from weather.
- 7. Chock wheels (if applicable).
- 8. Place the post pounder in transport position, see Section 4. Transport on page 30.
- 9. Grease all zerks on the post pounder. Do not grease plastic slides or mast rails.
- 10. Inspect the mast cylinder head nut and other hydraulic cylinders for leaks. Replace seals if necessary.

7. Maintenance



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.

7.1. Maintenance Safety

⚠ 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 Wheatheart replacement parts or equivalent. Use of unauthorized parts will void warranty. If in doubt, contact Wheatheart or your local dealer.

Before attempting maintenance of any kind:

- · Chock wheels.
- Before applying pressure to a hydraulic system, make sure all components are tight and that hoses and couplings are in good condition.

7.2. Maintenance Schedule

Proper maintenance habits mean a longer life, better efficiency, and safer operation. Please follow the Maintenance Schedule below. Keep good records of the hours the post pounder has been operated and the maintenance performed.

Daily:

Section 7.3 – Visually Inspect the Equipment on page 46

Weekly:

Section 7.4 – Lubricate the Equipment on page 47

Annually:

Section 7.5 – Inspect Hydraulic Hoses and Fittings on page 48

Section 7.6 - Check the Hydraulic Filter on page 48

Section 7.7 - Clean and Wash the Equipment on page 48

As Required:

Section 7.8	8 – Set	the Rel	ief Val	lve on	page 4	48
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Section 7.9 – Replace the Mast Seal on page 49

Section 7.10 - Repack the Wheel Bearings with Grease on page 51

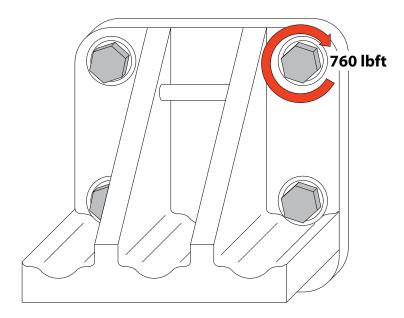
Section 7.11 - Replace the Pilot Auger Bit on page 52

7.3. Visually Inspect the Equipment

Check the following during a visual inspection:

- Ensure all guards are in place and in good working order.
- Be sure all safety decals are in place and are legible.
- Inspect the post pounder for damage or unusual wear.
- Check the hydraulic system oil level.
- Inspect hydraulic hoses and fittings for leaks and wear. Fix or replace where necessary.
- Renegade Plus Model: Ensure that the plastic slides are intact on the pounder mast and slide box.
- Renegade and Renegade Plus Models: Ensure that the plastic slides are intact on the pounder hitch.
- Check the hugger plastic rollers; replace if damaged.
- Check the head bolts for tightness. Torque should be 760 lb-ft. See Figure 17.
- Check tightness of all bolts/nuts, fasteners, and hardware (re-torque if necessary).
- Inspect all moving or rotating parts to see if anything has become entangled in them. Remove any entangled material.
- Tighten the mast cylinder cap.
- Examine tires for gashes, uneven wear, or loss of air pressure. Maintain pressure according to tire sidewall recommendations.
- PTO Models: Check the PTO shield & replace if damaged.

Figure 17. Head Bolts



When equipped with an optional pilot auger:

- Clean grit and debris from slider tube and pilot auger with a high pressure washer, or a rod/shaft.
- Lubricate slider tube liberally with fluid film.
- Check condition of the pilot auger rock bit, replace if worn.

7.4. Lubricate the Equipment

Your post pounder 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 after cleaning.

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

7.5. Inspect Hydraulic Hoses and Fittings

- 1. Visually inspect the system before pressurizing for any cuts, nicks, or damage to the hoses or fittings.
- 2. Pressurize the system.
- 3. Check for leaks using a piece of cardboard or wood by running it along the length of the hose and around all fittings.
 - **WARNING** Escaping hydraulic fluid under pressure will cause serious injury if it penetrates the skin surface.
- 4. Replace the hose, or tighten/replace the fitting if a leak is found.
- 5. Replace any hose that is badly cut, nicked, abraded, or is separating from the crimped end of the fitting.
- 6. Secure hoses to the machine.
- 7. Relieve pressure from the system after inspection is complete.

Note

It is required to use automatic transmission oil (ATF) in the hydraulic system.

7.6. Check the Hydraulic Filter

Before changing the filter, ensure the equipment is off, and place a drip pan underneath to catch oil.

- 1. Unscrew filter from receptacle
- 2. Check for buildup; clean, if necessary.
- 3. Install new filter.

7.7. Clean and Wash the Equipment

- 1. Wash the post pounder with a water hose or pressure washer until all dirt, mud, debris, or residue is gone.
- 2. Provide sufficient time for drying.

7.8. Set the Relief Valve

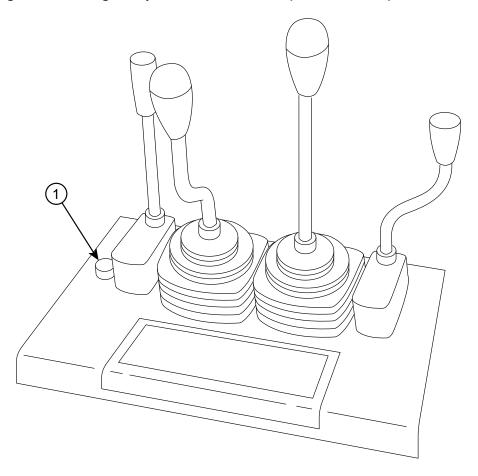
If you are unable to raise the post pounder mast, the relief valve may need to be adjusted. To do this, loosen the nut using a 1/2" wrench, then using a 5/32" Allen wrench, turn the set screw clockwise 1/8 of a turn. Repeat until mast moves freely.

NOTICE

Do not set the relief valve too high as damage to equipment may result.

If more than 2 complete turns are necessary, install a pressure gauge at the inlet to the valve to ensure that the pressure is NOT exceeding 2000 psi.

Figure 18. Renegade Hydraulic Control Valves (Trailer Pounder)



Item	Description
1	Relief Valve

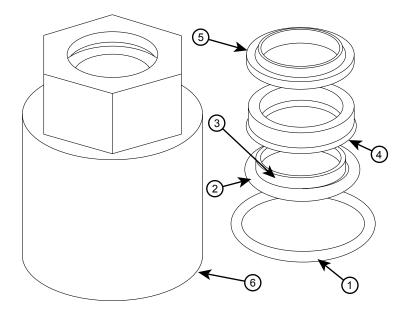
7.9. Replace the Mast Seal

High and Heavy Hitter

The seal kit consists of the following:

- large o-ring (1)
- small o-ring (2)
- buffer (3)
- polypak (4)
- dust seal (5)

Figure 19. High and Heavy Hitter Mast Seal Kit



Note

Ensure that o-rings are not twisted when placed into the cylinder mast cap. Twisted o-rings will result in a faulty seal and may cause leaks.

- 1. Place the large o-ring (1) through the bottom (threaded side) of the mast cylinder cap (6) into the first groove above the threads.
- 2. Through the bottom of the mast cylinder cap (6), install the small o-ring (2) and the buffer (3) into the next recession above the large o-ring (1).

Important

Ensure that the lip on the buffer faces the pressure side (down).

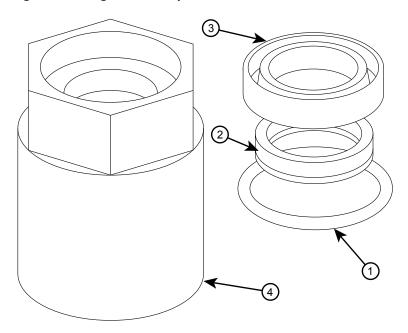
- 3. Install the polypak (2) into the second groove from the top (wrench side) of the mast cylinder cap (4). Ensure that the side of the polypak (2) with the o-ring embedded into it faces the pressure side (down).
- 4. Insert the dust seal (5) into the top recession with tapered side facing up.

High and Heavy Hitter Plus

The seal kit consists of the following:

- large o-ring (1)
- polypak (2)
- dust seal (3)

Figure 20. High and Heavy Hitter Plus Mast Seal Kit



Important

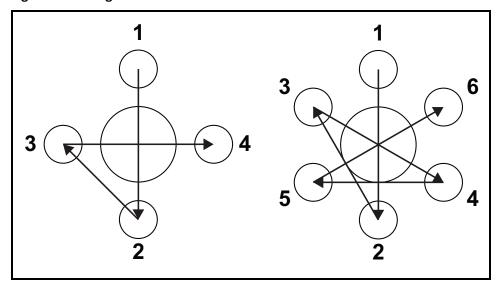
Ensure that o-rings are not twisted when placed into the cylinder mast cap. Twisted o-rings will result in a faulty seal and may cause leaks. Place the large o-ring (1) through the bottom (threaded side) of the mast cylinder cap (6) into the first groove above the threads.

- 1. Install the polypak (2) into the second groove from the top (wrench side) of the mast cylinder cap (4). Ensure that the side of the polypak (2) with the o-ring embedded into it faces the pressure side (down).
- 2. Place the mast cylinder cap (4) on a solid surface, then rest the dust seal (3) on top of the cap (4) with the open side up. Using a hammer, tap the seal into place.

7.10. 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 80 ft-lb (±10 ft-lb) of torque. Inspect to make sure the wheel is sitting flush with the hub.

Figure 21. Diagonal Pattern for 4-bolt and 6-bolt Tires

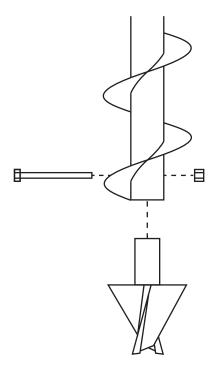


7.11. Replace the Pilot Auger Bit

If the bit head is worn or broken, replace with a new bit.

- 1. Remove nut and bolt.
- 2. Slide out bit head and insert new bit.
- 3. Replace nut and bolt.

Figure 22. Replace Pilot Auger Bit



8. Troubleshooting

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

In the following section, we have listed some causes and solutions to some of the problems you may encounter.

If you encounter a problem that is difficult to solve, even after having read through this section, please contact your local dealer or distributor. Before you contact them, please have this operation manual and the serial number from your machine ready.

Table 8. Post Pounder Troubleshooting

Problem	Cause	Solution	
Valve is leaking.	Loose/cracked fittings.	Tighten/replace fittings.	
	Worn hose.	Replace hose.	
	Valve spools are worn.	Replace valve.	
Machine operates	Oil is hot.	Check oil level and add oil if required.	
slowly.	Blockage in hydraulic lines.	Suction hose blocked or kinked.	
	Tractor / skid steer loader is not producing enough oil volume and/or pressure.	Either speed up the engine to produce more flow/pressure, or the power unit does not have enough capacity.	
	Filter plugged (if equipped).	Change filter.	
Hammer goes part	Mast is bent.	Check mast for alignment or obstructions	
way up, sticks, and stops.	Oil level is too low.	Cylinder ran out of oil; check oil level.	
	Pump is worn out.	Replace pump.	
	Relief valve set too low.	Adjust relief valve. See Section 7.8 – Set the Relief Valve on page 48.	
Hydraulic cylinder leaking.	Worn seal.	Replace seal.	
Mast Cylinder is	Aluminium head nut is loose.	Tighten nut.	
leaking.	Worn seal.	Replace seal.	

Table 8 Post Pounder Troubleshooting (continued)

Problem	Cause	Solution
Extreme trailer bounce when operating. (Trailer Models Only).	Low tire pressure.	Inflate tires to tire specifications.
Excess movement in	Plastic sliders are worn.	Replace plastic sliders.
square slide box.	Washers are spacing box too far apart.	Remove one washer per bolt and retighten.
Honda motor won't start. (Gas Models Only)	Oil low.	Check oil level as this engine has an oil alert and will not run when the oil is low; refer to engine manual for more details.
Slider tube gets stuck in slider box.	Slider box is too tight.	Lubricate the slider tube and box with a dry silicone lubricant.
		Loosen bolts on slider tube until the tube starts to slide, work back and forth until loosened up and then retighten bolts; if still sticking, add another washer.
	Relief valve is set too low.	Adjust relief valve by loosening the nut and turning the set screw clockwise 1/8 of a turn; if still sticking, try again.

Table 9. Optional Pilot Auger Troubleshooting

Problem	Cause	Solution	
Valve is leaking.	Loose/cracked fittings. Tighten/replace fittings.		
	Worn hose.	Replace hose.	
	Valve spools are worn.	Replace valve.	
Pilot Auger operates	Oil is hot.	Check oil level and add oil if required.	
slowly.	Blockage in hydraulic lines.	Suction hose is either blocked or kinked	
	Tractor / skid steer loader is not producing enough oil.	Speed up the engine to produce more flow/pressure, or the power unit does not have enough capacity.	
	Filter plugged (if equipped).	Change filter.	

Table 9 Optional Pilot Auger Troubleshooting (continued)

Problem	Cause	Solution
Pilot Auger not drilling holes well or drills	Check condition of pilot auger rock bit for wear.	Replace rock bit if worn.
very slowly.	Relief valve not set correctly.	See Section 7.8 – Set the Relief Valve on page 48.
	Pilot Auger plugged with dirt or debris.	Remove dirt and debris, see Maintenance Section.
	Rocky ground conditions.	Throttle down tractor or gas engine to reduce speed of pilot auger.
Rock bit breaks frequently.	Rocky ground conditions.	Throttle down tractor or gas engine to reduce speed of pilot auger.
Rock bit is extremely hot.	Caused by friction during operation.	Throttle down tractor or gas engine to reduce speed of pilot auger.
3-point hitch model not drilling straight holes.	Typically 3-Point hitches on tractor are somewhat slack.	Lean Pilot Auger back slightly before drilling, see Operation Section.
Post Pounder moves while drilling holes.	Brake on towing vehicle not set.	Lock park brake on transport vehicle.

9. Specifications

	RENEGADE (Trailer Pounder)	OUTLAW (3-Point Side Mast Pounder)	SHERIFF (Skid Steer Pounder)
Total Weight (w/ Hugger)	2580 lb (1170 kg)	2220 lb (1007 kg)	1500 lb (680 kg)
Hammer Weight	660 lb (299 kg)	660 lb (299 kg)	660 lb (299 kg)
Trans. Height (2 - Position*)	8' 2", 8' 10" (249, 269 cm)	-	-
Shipping Height (2 - Position*)	-	8' 2", 8' 10" (249, 269 cm)	8'2" (249 cm)
Width (Transport)	7' 2" (218 cm)	6' 2" (188 cm)	36" (91 cm)
Length	10' 1" (307 cm)	5' 4" (163 cm)	43" (109 cm)
Hammer Height MAX (Adj.**)	9' 6"-11' 11" (290-363 cm)	9' 6"-11' 11" (290-363 cm)	9' 6"-11' 3" (290-363 cm)
Hammer Height MIN	4' 2" (127 cm)	4' 2" (127 cm)	4' 2" (127 cm)
Stroke	64" (163 cm)	64" (163 cm)	64" (163 cm)
Drive	PTO Pump Drive Gas (9 HP Honda)	PTO Pump Drive	***Skid Steer Hyd. †Self Contained Hyd.
Hydraulics Required (MIN)	-	-	10 gpm @ 1500 psi (38 L/m @103 bar)
Tilt Adjustment - Front/ Back	50° (25° from Vert.)	50° (25° from Vert.)	26° (13° from Vert.)
Tilt Adjustment - Left/ Right	30° (15° from Vert.)	30° (15° from Vert.)	40° (20° from Vert.)
AVAILABLE WITH PILOT AUGER	Yes	Yes	Yes
Tires	15''	-	-

^{* 2-}Position adjustable mast

^{** 4-}Position adjustable bolt on cast head

^{***} Requires return line plumbed directly into skid steer/tractor hydraulic oil reservoir

[†] Self contained hydraulics has on-board oil reservoir with pump and hydraulic motor driven by skid steer hydraulics

^{††} Self contained hydraulics has on-board oil reservoir with PTO pump driven by tractor PTO

	RENEGADE PLUS (Trailer Pounder)	OUTLAW PLUS (3-Point Side Mast Pounder)	SHERIFF (3-Point Center Mast Pounder)
Total Weight (w/ Hugger)	2930 lb (1329 kg)	2450 lb (1111 kg)	1410 lb (640 kg)
Hammer Weight	720 lb (326 kg)	720 lb (326 kg)	660 lb (299 kg)
Trans. Height (2 - Position*)	8' 9", 9' 5" (267, 287 cm)	-	-
Shipping Height (2 - Position*)	-	8' 9", 9' 5" (267, 287 cm)	8'2" (249 cm)
Width (Transport)	7' 2" (218 cm)	6' 2" (188 cm)	36" (91 cm)
Length	10' 6" (320 cm)	5' 4" (163 cm)	43" (109 cm)
Hammer Height MAX (Adj.**)	9' 8" - 14' 5" (295-439 cm)	9' 8" - 14' 5" (295-439 cm)	9' 6"-11' 3" (290-363 cm)
Hammer Height MIN	4' 2" (127cm)	4' 2" (127 cm)	4' 2" (127 cm)
Stroke	66" (168 cm)	66" (168 cm)	64" (163 cm)
Drive	PTO PUMP DRIVE OR GAS (13 HP HONDA)	PTO PUMP DRIVE	***TRACTOR HYD. ††SELF CONTAINED HYD.
Hydraulics Required (MIN)	-	-	10 gpm @ 1500 (38 L/m @103 bar)
Tilt Adjustment - Front/ Back	50° (25° FROM VERT.)	30° (15° FROM VERT.)	26° (13° FROM VERT.)
Tilt Adjustment - Left/ Right	30° (15° FROM VERT.)	50° (25° FROM VERT.)	40° (20° FROM VERT.)
AVAILABLE WITH PILOT AUGER	Yes	Yes	Yes
Tires	15"	-	-

^{* 2-}Position adjustable mast

^{** 4-}Position adjustable bolt on cast head

^{***} Requires return line plumbed directly into skid steer/tractor hydraulic oil reservoir

[†] Self contained hydraulics has on-board oil reservoir with pump and hydraulic motor driven by skid steer hydraulics

^{††} Self contained hydraulics has on-board oil reservoir with PTO pump driven by tractor PTO

	PILOT AUGER BIT	
	4" / 10 cm	6" / 15 cm
Weight	40 lbs (18 kg)	57 lbs (26 kg)
Length	54" / 137 cm	54" / 137 cm
Carbide Teeth #	5	7
Flighting Thickness	3/8" / 9.5 mm	3/8" / 9.5 mm

10. Limited Warranty

This warranty relates to Post Pounders (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 and in accordance with manufacturer's manual.
- 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 repair 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. This warranty does not obligate the Seller to bear costs of travel in replacing defective parts.
- 5. 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.
- 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. 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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