

Our associates will ensure the tool works properly before you leave the store. If you experience issues with the tool while completing your project, simply bring it back to the Tool Rental Center to get a replacement. If you purchase Damage Protection at the time of your rental, you are not responsible for repair costs for tools that break due to normal use.



HYDRAULIC TOWABLE AUGER



WARNING

READ AND UNDERSTAND THIS OPERATOR'S MANUAL COMPLETELY BEFORE USING THIS AUGER. ASSEMBLE, TEST AND USE ONLY IN ACCORDANCE WITH THE OPERATOR'S MANUAL INSTRUCTIONS.

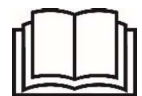




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1. Safety

1.1. Safety Precautions



Before using this equipment, study the operator's manual to become familiar with its operation. Do NOT allow un-trained or unauthorized persons, especially children, to operate this equipment. Use only factory authorized parts for service.

	This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.
DANGER	DANGER (red) indicates that an imminently hazardous situation which, if not avoided, will result in death or serious injury.
WARNING	WARNING (orange) indicates that an potentially hazardous situation which, if not avoided, will result in death or serious injury.
CAUTION	CAUTION (yellow) indicates that an potentially hazardous situation which, if not avoided, will result in minor or moderate injury.
CAUTION	CAUTION (yellow) used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.

1.2. Operating Safety

- Slip/Trip/Fall is a major cause of serious injury or death. Beware of uneven or slippery work surfaces.
- Exercise care when working in the vicinity of unprotected holes or excavations.
- NEVER allow any person to operate this equipment without adequate instruction.
- Ensure all operators read, understand, and follow the operating instructions.
- Serious injury could result from improper or careless use of this machine.
- Augers are heavy units and should be positioned by two people of appropriate strength.
- Use care when towing and never exceed 45MPH.
- Always turn the fuel shutoff to off before towing.



1.3. Mechanical Hazards

- DO NOT operate the machine unless all protective guards are in place.
- Keep hands and feet clear of rotating and moving parts as they will cause injury if contacted.
- Ensure that the engine operation switch is in the OFF position and the spark plug lead is disconnected before performing maintenance or making adjustments.
- Ensure both the machine and the operator are stable so the machine will not tip over, slide, or fall on un-even terrain while in operation or unattended.



- Do not leave the machine running while unattended.
- Ensure that the area to be dug does not contain any live electrical cables, gas, water, sprinkler, communication cables or any other utilities.
- Exercise care when operating unit. Exposure to vibration or repetitive work actions may be harmful to hands and arms.
- NEVER stand on the unit while it is operating. NEVER allow others to stand on the unit.
- Be careful not to come in contact with the muffler when the engine is hot. This will cause burns.
- Ensure that the repairs to the motor and machine are carried out by qualified personnel.



**Know what's below.
Call before you dig.**



1.4. Fire and Explosion Hazards

- Gasoline is extremely flammable and explosive under certain conditions.
- Ensure that gasoline is only stored in approved storage containers.
- DO NOT refuel the motor while it is running. Allow the motor to totally cool before refueling.
- DO NOT refuel the motor in the vicinity of sparks, flame or anyone smoking.
- DO NOT overfill the fuel tank and avoid spilling gasoline when refueling. Spilled gasoline or gasoline vapor may ignite. If spillage occurs, ensure that the area is cleaned and dry before starting the motor.
- Ensure that the fuel cap is securely fitted after refueling.



1.5. Chemical Hazards

- DO NOT operate or refuel a gasoline engine in a confined space or any area without adequate ventilation.
- Carbon monoxide and other components of exhaust gases from internal combustion engines can cause death in confined spaces.



1.6. Noise Hazards

- Excessive noise can lead to temporary or permanent loss of hearing.
- Wear an approved hearing protection device to limit noise exposure.



1.7. Protective clothing

- Always wear approved hearing and eye protection when working with the machine.
- Protective eyewear and a dust mask should be worn.
- Protective clothing and footwear are required.
- Do not wear any open-toed shoes or sandals.



1.8. Operator Safety using Internal Combustion Engines

- DO NOT smoke when refueling the engine or during any other fuel handling operation.
- DO NOT refuel a hot or running engine.
- DO NOT refuel the engine near an open flame or sparks.

- DO NOT spill fuel when refueling the engine.
- If fuel is spilled during refueling, wipe it off from the engine immediately and discard the rag in a safe place.
- DO NOT operate the unit if fuel or oil leaks exist. Repair immediately.
- Never operate this equipment in an explosive atmosphere or anywhere combustible gases have accumulated.
- Never operate any gas-powered equipment in a poorly ventilated or enclosed area.
- Avoid prolonged breathing of exhaust gases.
- Avoid contact with hot exhaust systems and engine parts.
- Allow engine to cool before performing any repairs, adjustments, or service.
- Always transport and handle fuel only in approved safety containers.
- Always keep the area around the muffler free of debris, such as leaves, paper cartons or anything combustible. A hot muffler could ignite debris and start a fire.

2. Un-Crating and Assembly

Remove the sides and top of the crate.

Using a suitable jack or lifting device, tip the unit up, and install the Wheels, one at a time, using the four lug nuts per side.

Torque the lug nuts to 85 Ft.-Lb.

2.1. Towbar Adjustment

Slide the Towbar pins outward and insert the Towbar into the tank brackets. Lock the two pins in place.

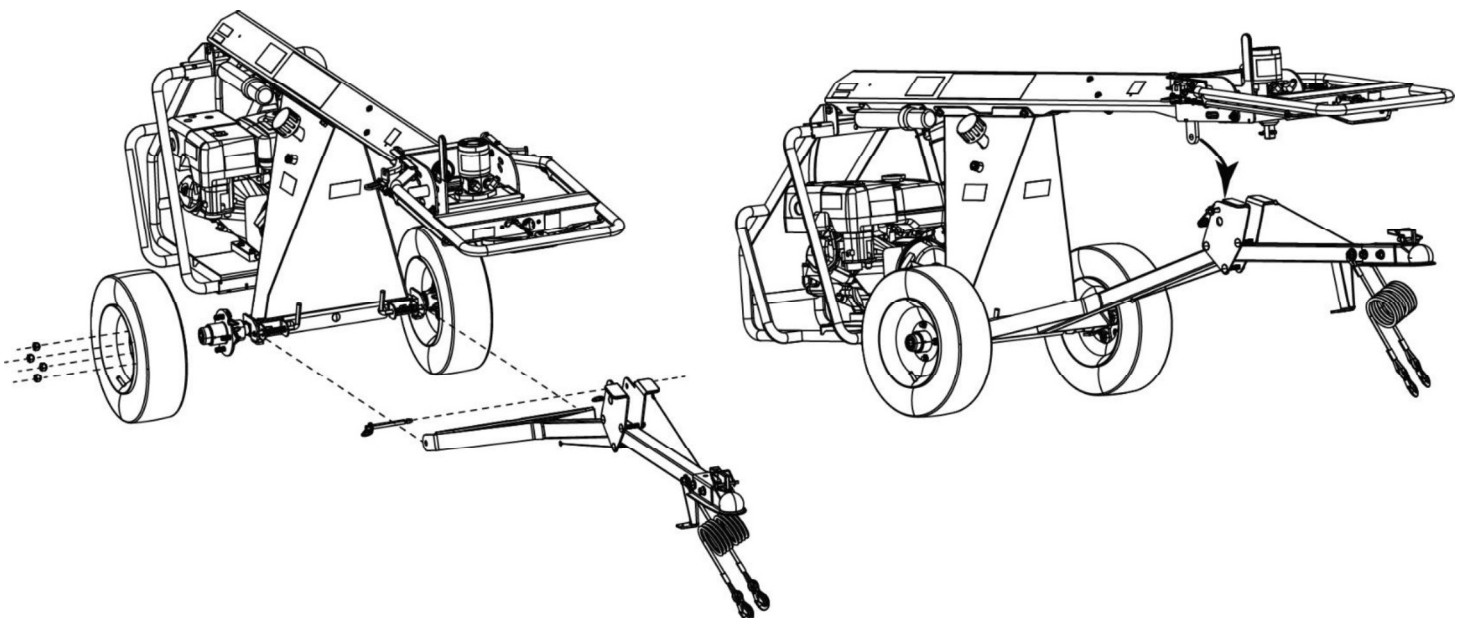
Remove the pin from the forward Towbar bracket.

Pivot the unit down until the holes align and insert the pin.

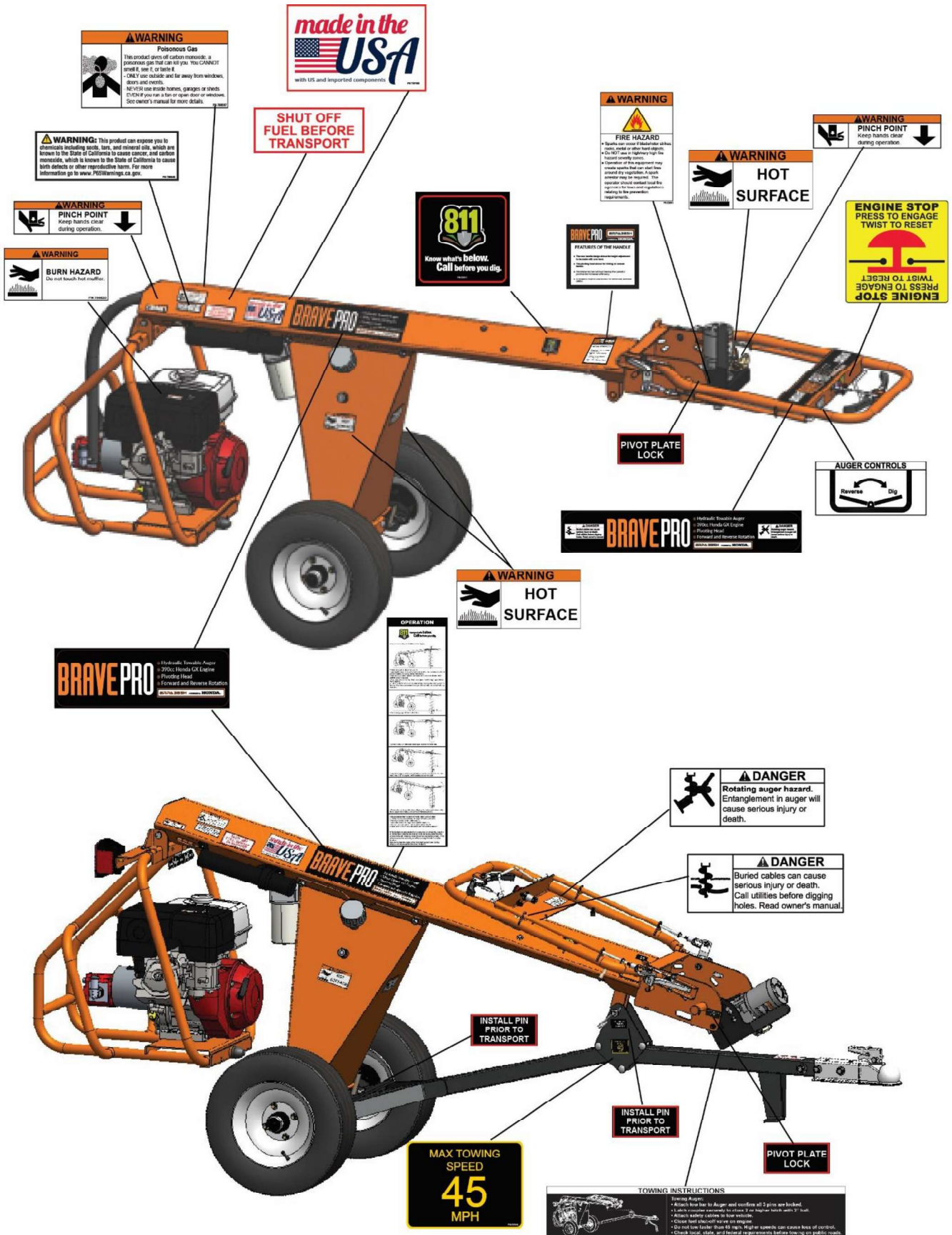
If the pin holes do not line up satisfactorily, loosen the Four 7/16" nuts holding the forward bracket on the towbar.

Slide the bracket along the Towbar until the pin holes align.

Re-tighten the four 7/16" nuts to 35 Ft.-Lb. while the pin is in place.

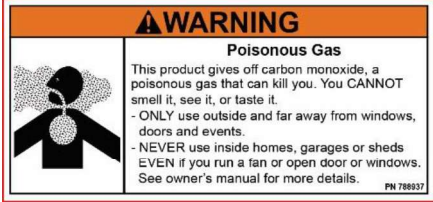















3. Label Locations









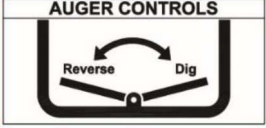
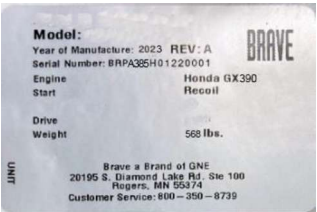






3.1. Safety and Operating Labels





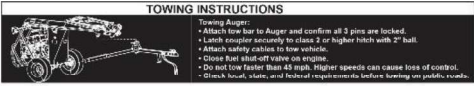
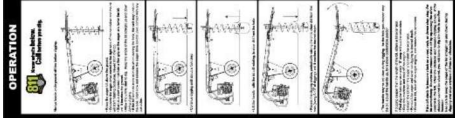
Brave Pro Machines use international pictorial labels where needed. These labels are described below:

Label	Meaning
 <p>WARNING Poisonous Gas This product gives off carbon monoxide, a poisonous gas that can kill you. You CANNOT smell it, see it, or taste it. - ONLY use outside and far away from windows, doors and eaves. - NEVER use inside homes, garages or sheds EVEN if you run a fan or open door or windows. See owner's manual for more details. <small>PN 788937</small></p>	<p>DANGER </p> <p>Engines emit carbon monoxide; operate only in well-ventilated areas. Read the Operation Manual for machine information. No sparks, flames, or burning objects near the machine. Shut off the engine before refueling. Use only clean, filtered unleaded gasoline.</p>
 <p>DANGER Buried cables can cause serious injury or death. Call utilities before digging holes. Read owner's manual.</p>	<p>DANGER </p> <p>Buried Utilities Danger</p>
 <p>DANGER Rotating auger hazard. Entanglement in auger will cause serious injury or death.</p>	<p>DANGER </p> <p>Keep hands, Feet and clothing clear of rotating blades.</p>
 <p>WARNING  FIRE HAZARD <ul style="list-style-type: none"> Sparks can occur if blade/disk strikes rocks, metal or other hard objects. Do NOT use in highly flammable fire hazard severity zones. Operation of this equipment may create sparks that can start fires around dry vegetation. A spark arrester may be required. The operator should contact local fire agencies for laws and regulations relating to fire prevention requirements. <small>PN 8001</small></p>	<p>WARNING </p> <p>Fire Hazard. Do not use in high fire danger or dry conditions.</p>
	<p>DANGER </p> <p>Never dig near buried gas, electrical or any other utility line. Call and have all utilities marked before digging.</p>
 <p>WARNING  BURN HAZARD Do not touch hot muffler. <small>PN 786635</small></p>	<p>WARNING </p> <p>Hot Surface. Mufflers, engines and Hydraulics can become very hot and cause burns.</p>

3.1. Safety and Operating Labels (cont.)

Label	Meaning
	<p>DANGER </p> <p>Emergency STOP.</p>
	<p>DANGER </p> <p>Towing Speed Limit 45MPH.</p>
	<p>CAUTION </p> <p>Always shut off fuel prior to towing.</p>
	<p>WARNING </p> <p>Pinch Point</p>
	<p>Auger Control</p>
	<p>Serial tag listing the model number and serial number. Please record the information found on this tag so it will be available if the tag is lost or damaged. When requesting service information, the serial number should be specified of the unit.</p>
	<p>WARNING </p> <p>Exposure hazard.</p>
	<p>WARNING </p> <p>Hydraulics components and engine may be HOT</p>

3.1. Safety and Operating Labels (cont.)

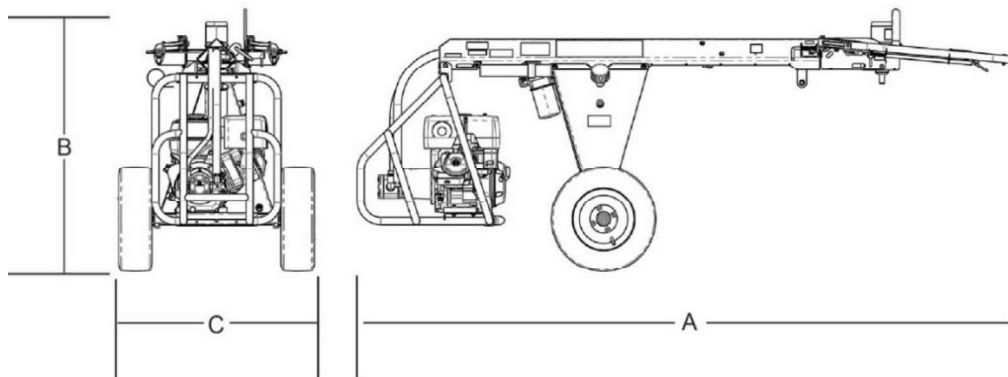
	Handle use inst.
	DANGER  Tow Tongue MUST be properly secured before transporting.
	Lock motor pivot to move auger to drilling location.
	Tow Instructions
	Operation

4. Technical Data

4.1. Specifications.

Model	BRPA385H
Engine	Honda GX390
Power HP	13
Operating Weight (lb)	500 Lbs.
Bit Drive	7/8" Square standard – 1 3/8" Hex Optional
Hydraulic Reservoir	8 Gallon 10wt AW32
Digging Depth	42" std – extension available

4.2. Dimensions.



A	B	C
115 in.	45 ½ in.	34 in.

5. Operation

5.1. Operating Principle

The following instructions were compiled to provide you with information on how to obtain long and trouble-free use of this unit. Periodic maintenance of this unit is essential. Read the manual in its entirety and follow the instructions carefully. Failure to do so may injure yourself or a bystander.

5.2. Delivery Checks

On taking delivery of your new equipment and before putting it into service:

- Read the Operator's Manual completely – it could save a lot of time and unnecessary expense.
- Read the Engine Manual supplied.
- Check the general condition of the equipment – has it been damaged in shipment?
- Fill the engine with oil. **The engine is shipped without oil.** See Engine Manual for oil capacity and specification.
- Check the fuel level.
- Check the hydraulic oil level. Unit is shipped with hydraulic oil. Use 10wt AW32 Tractor Hydraulic Oil. *DO NOT mix tractor hydraulic oil with transmission fluid. Do NOT mix synthetic and non-synthetic hydraulic oils.*

5.3. Before Starting

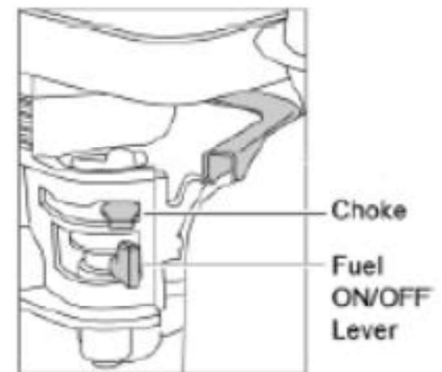
The following Pre-start inspection must be performed before the start of each work session or after four hours of use, whichever is first. If any fault is discovered, the Auger must not be used until the fault is rectified.

1. Thoroughly inspect the Auger for signs of damage. Check components are present and secure.
2. Check the engine oil level. **The engine is delivered without oil installed.**
3. Check the engine fuel level and top up as necessary.
4. Check for fuel or oil leaks.

NOTICE. Check the oil level. Engine and Auger warranties are VOID if the unit is run without oil.

5.4. Gasoline Engine

1. Open the fuel tap by moving the fuel ON/OFF lever fully to the right.
2. If starting the engine from cold, set the choke ON by moving the choke lever fully to the left. When restarting a warm engine, the choke is usually not required. However, if the engine has cooled to a degree, partial choke may be required.
3. Turn the engine ON/OFF switch clockwise to the "I" position.
4. Ensure the E-stop switch on the operator's panel is out.
5. Set the throttle to approximately $\frac{1}{4}$ from the idle position by moving the throttle lever.
6. Do not start the engine at full throttle.
7. Taking a firm hold of the control handle with one hand, grasp the recoil starter handle with the other. Pull the recoil starter until engine resistance is felt, then let the starter rope return.
8. Taking care not to pull the starter's rope fully out, pull the starter handle briskly.

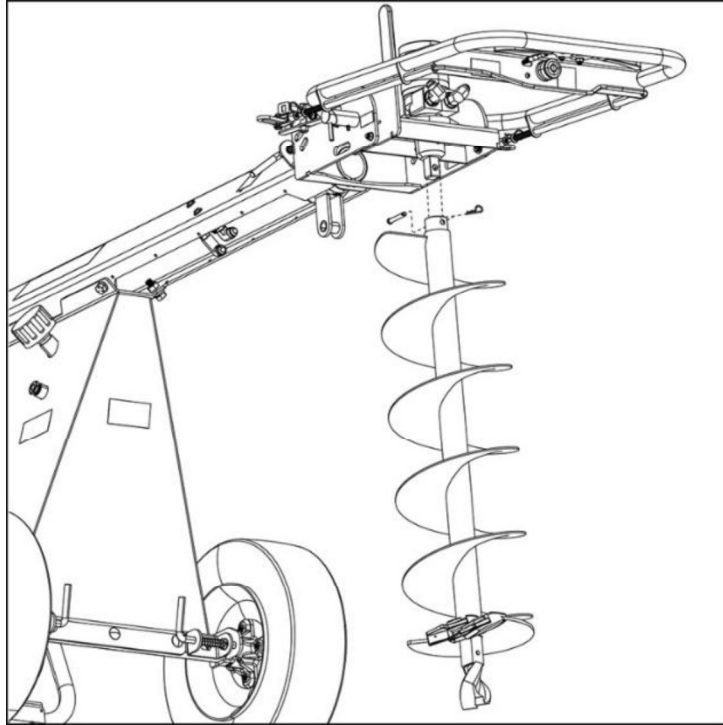


9. Repeat until the engine starts.
10. Once the engine starts, gradually set the choke lever to the OFF position by moving it to the right.
11. To stop the engine, set the throttle to idle and turn the engine ON /OFF switch counterclockwise to the "0" position.
12. Turn the fuel off.

5.6. Attaching The Auger Bit

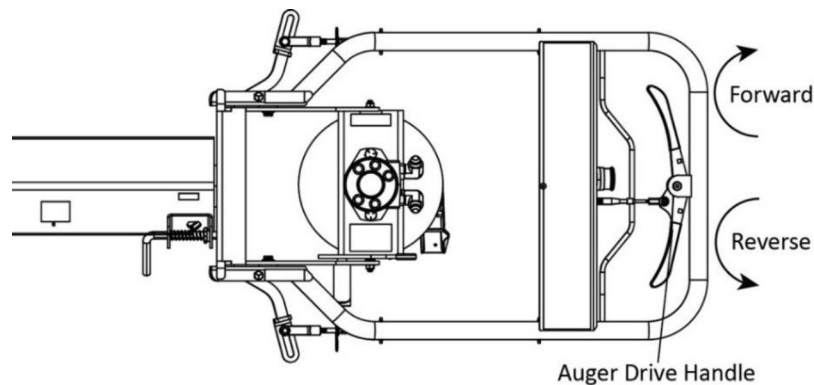
The auger is supplied with a 7/8" square bit adapter. To use 1-3/8" Hex Drive bits, the optional GPR111483 Bit adapter must be used.

Align auger bit to motor adapter and secure with 5/16 x 2" clevis pin and hairpin cotter.



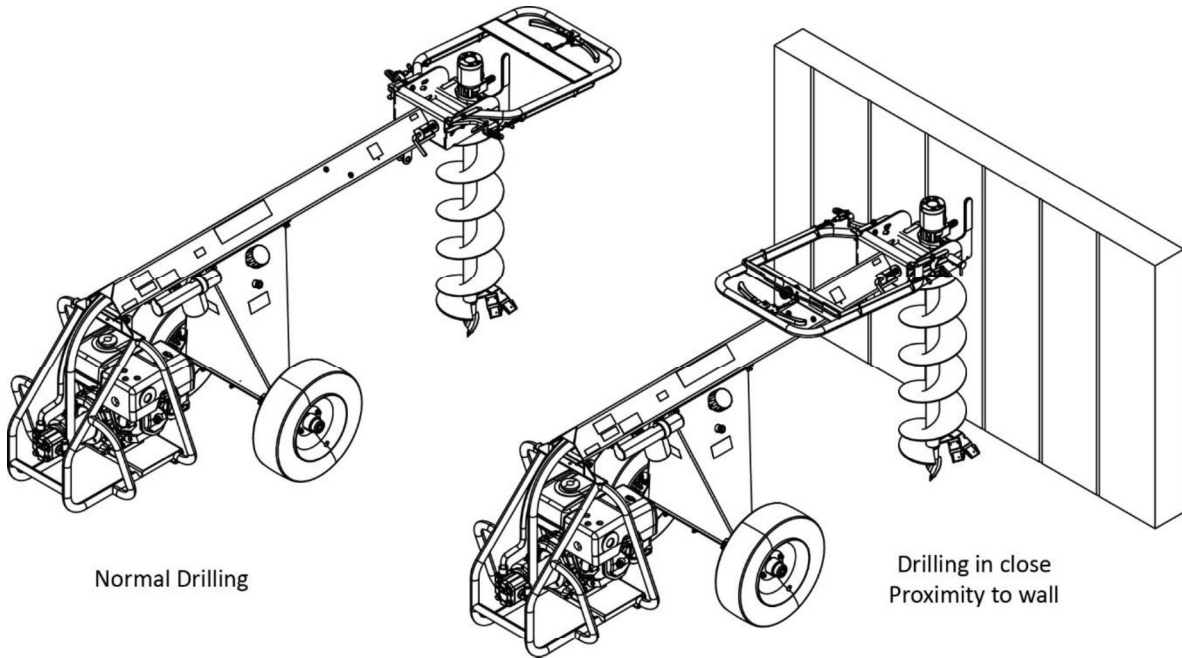
5.7. Auger Control

To start the bit rotating, pull the right-hand side of the Drive Handle toward the handlebar. To reverse rotation, pull the left-hand side of the drive handle toward the handlebar.

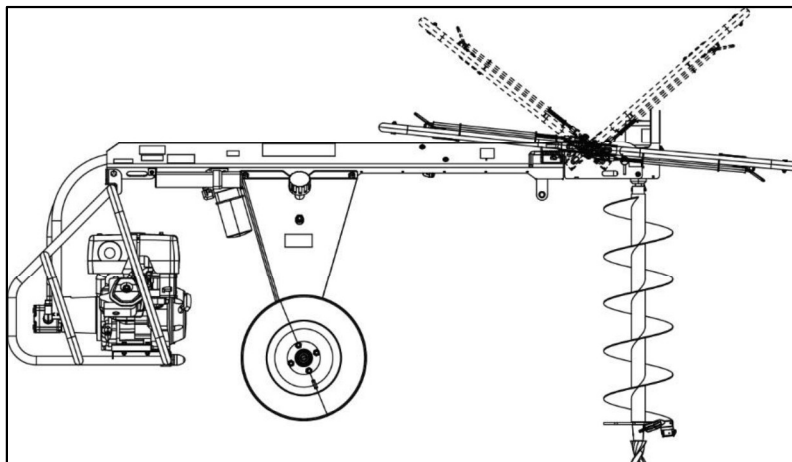
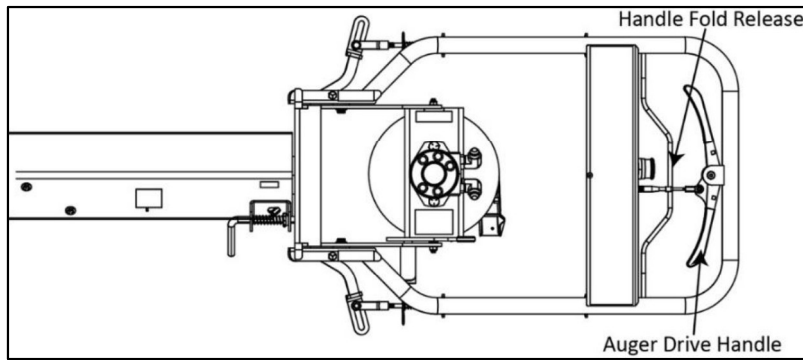


5.8. Handle Position

When drilling holes near a wall or other obstruction, the handle may be folded back to get closer to the obstruction.



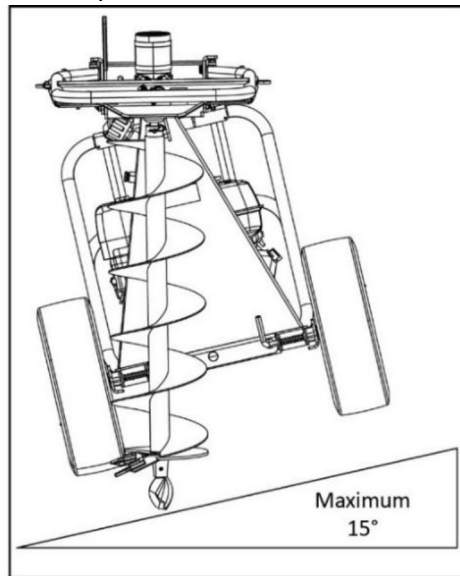
Pull the Handle Fold Release, and shift the handle back, clearing the way to drill closer to the obstruction.



5.9. Swivel Lock

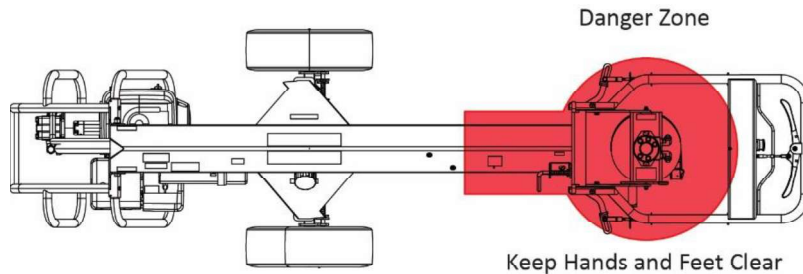
When drilling on un-even terrain, the head is allowed to swivel to allow perpendicular holes on sloped ground.

Always drill across a slope and never uphill.

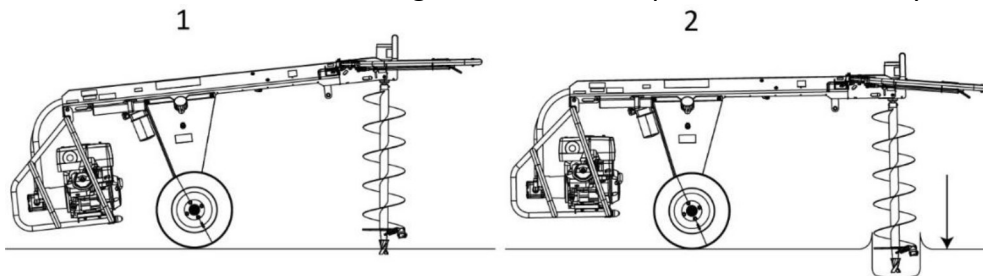


5.10. Digging

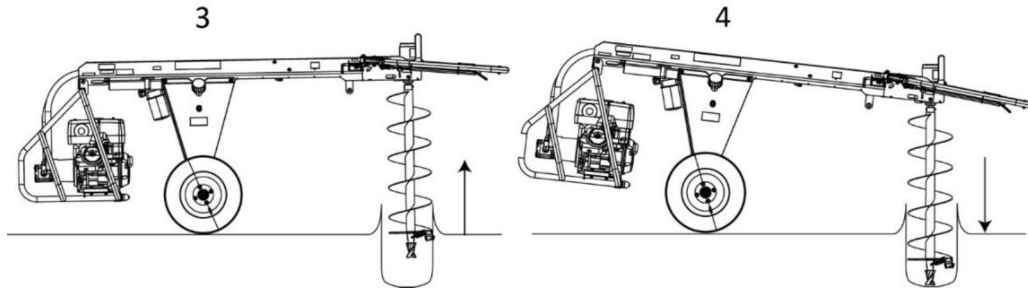
Always keep hands and feet clear of the auger and rotating parts.



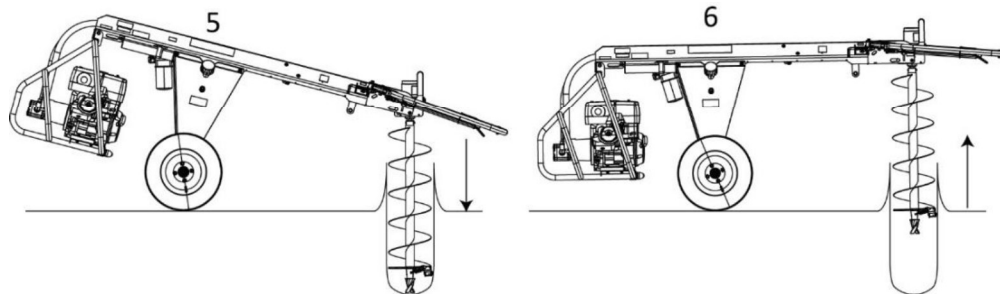
Raise the auger bit above the ground, squeeze the auger drive control to the right side of the handlebar and the bit will start rotating clockwise, viewed from the top. Start at a slow speed, maintain a firm grip on the auger and lower the bit until it touches the ground. Allow the unit to start to dig. Keep the angle of the bit straight up and down during digging. If the bit contacts roots or rocks when starting the hole, the unit may lurch to the side. Start slow and release the auger drive control upon contact with any obstacles.



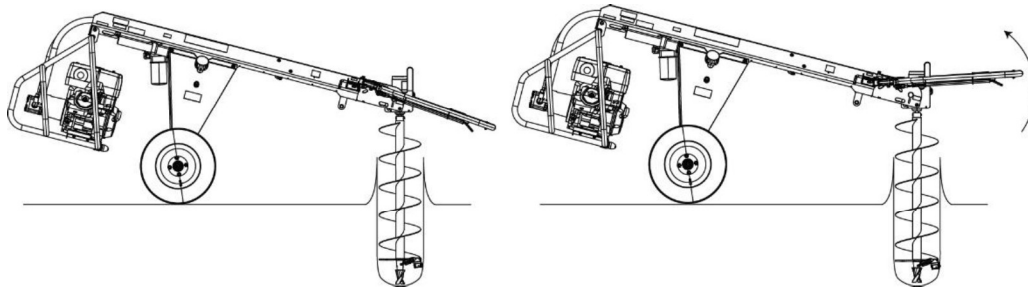
Continue digging until about a foot deep. Lift the unit, with the bit still rotating, to clear dirt from the hole.



Repeat the digging motion, periodically raising the bit to clear dirt from the hole until it reaches the desired depth.



The Handle may be adjusted during digging. As the hole gets deeper, stop the bit, adjust the handle up, for a more comfortable position.



If digging deeper than the length of the bit, obtain a bit extension. Using the extension, you must first dig the hole approximately 18" deep without the extension, stop the machine and shut off the engine. Detach the bit from the auger and install the extension. Re-start the auger and continue digging to desired depth. Raise the bit, shut off the auger engine, and remove the extension.

If the bit starts to become stuck on a root, rock, or dense clay, stop the bit immediately. Reverse the rotation of the bit by squeezing the drive control to the left. Clear the obstacle and resume digging slowly. Use care to keep the angle of the bit straight up and down during digging and stop anytime it binds on obstacles.

5.11. Moving Between Holes

The bit may be angled back and temporarily latched to facilitate moving the unit between hole locations. Swivel the latch pin to disengage, angle the bit back and re-engage the pin. Move to the next location and release the latch.

