

WARNING ONE PERSON POWER AUGER

Any piece of equipment can be dangerous if not operated properly. **YOU** are responsible for the safe operation of this equipment. The operator must carefully read and follow any warnings, safety signs and instructions provided with or located on the equipment. Do not remove, defeat, deface or render inoperable any of the safety devices or warnings on this equipment. If any safety devices or warnings have been removed, defeated, defaced or rendered inoperable, **DO NOT USE THIS EQUIPMENT!!!**

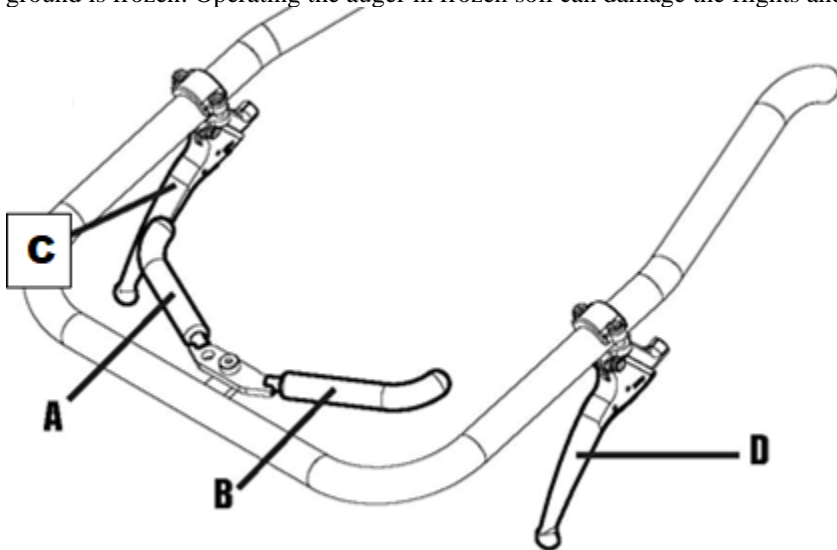
⚠ WARNING: Operating, servicing and maintaining this equipment can expose you to chemicals including engine exhaust, carbon monoxide and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize your exposure, avoid breathing exhaust, do not idle the engine except as necessary, operate and service your equipment in a well-ventilated area and wear gloves or wash your hands frequently when servicing your equipment. For more information go to www.P65warnings.ca.gov

Warning metal conducts electricity. Do Not use this Auger where it may come into contact with underground power lines or other electric circuits. Failure to comply to this warning will result in serious personal injury or death.

Smart digging means calling 811 before each job. Whether you are a homeowner or a professional excavator, one call to 811 gets your underground utility lines marked for FREE

Always wear Foot, Hand, Hearing and Eye Protection whenever operating this equipment.

The AGR1300H is designed to run safely and efficiently with certain ground conditions. Ideally, run your auger in damp or moist soil. The AGR1300H can also run efficiently in dry or sandy soil. NEVER operate the auger during a thunderstorm, snowstorm, or if the ground is frozen. Operating the auger in frozen soil can damage the flights and/or bit.



A - Drill in reverse motion (counter-clockwise)

B - Drill in forward motion (clockwise)

C - Drive in reverse motion

D - Drive in forward motion

To drive your BILLY GOAT® Auger safely to desired work location, familiarize yourself with the operator controls shown above. Always drive with the transport lock handle down in the locked position (See Figure B in the “Drilling a Hole” section). The transport lock handle locks the operator’s handles into a manageable driving position. Engage both parking brakes to ensure the unit does not tip or slide while transporting in the trailer.

Figure F

STARTING THE ENGINE

Never start the engine inside a building or other enclosed space.

Always check the engine oil level and fill when necessary before starting!

To start the engine on your BILLY GOAT® Auger:

1. From the operator’s position, push the throttle lever completely forward to the “RUN” position.
2. Walk around to the front of the machine where the engine is located. Locate the engine’s choke lever. Pull out the choke lever.
3. Pull the recoil handle to start the engine.
4. With the engine running, push the choke lever back into place.
5. Adjust the throttle lever to dictate the desired ground speed.

Note: in colder temperatures, there may be too much load on the engine to start it quickly. Locate the belt-drive disengage chain on the left side of the machine (see decal P/N 540504 on the Instruction Labels page). Pull and lock the chain to disengage the belt drive. Start the engine, then re-engage the chain after a few minutes.



Figure G

Drilling a Hole

To drill a hole with your BILLY GOAT® Auger:

1. Squeeze the forward drive handle (See Figure F, Item D) and steer to drive the Auger to desired hole location. Let up on the handle to stop the machine.
2. With both hands grasped on the handles, push the entire operator's handle straight down to release the transport lock handle (See Figure G). Then, release your grip on the operator's handle and allow the handle to rise to its natural position.

3. Push in the motor plate handle to release pressure off the pin (See Figure H). Simultaneously, pull the motor-plate locking-pin and twist the pin away from yourself (See Figure I). The drill assembly is now unlocked.



Figure H



Figure I



Figure J

4. Position the bit to desired hole location. Gently press down to create contact between the bit and the ground before activating the drill bit. See Figure J. Push the throttle lever completely forward to the "RUN" position before drilling.
5. Engage right drill handle (See Figure F, Item B). Watch the drill bit spin clockwise. Squeeze the handle tighter for higher drill speed.
6. Push down on the operator's handle to create a hole of desired depth.
7. Engage the left drill handle (See Figure F, Item A). The drill bit spins counter-clockwise. Simultaneously, lift up on the operator handle to remove drill bit from the freshly dug hole.



Engaging the Parking Brakes

Always Engage the Parking Brake on the trailer before securing it and whenever the auger is left unattended. Park on flat surfaces only, never on a slope!

For further stability while drilling or transporting your Auger, engage each parking brake. 1. Locate the parking brakes. They can be found on the frame slightly above each rear wheel. Use your foot to press the parking brakes down, one at a time, until contact is made with each rear wheel and the brake "clicks" into place. See Figure K

Figure K



Releasing the Parking Brakes

1. Use your foot to press the parking brake release lever. See Figure L. Press until the parking brake releases. Repeat on the opposite rear wheel.

Figure L

Pivoting the Bit Head

To better align the auger bit while drilling on uneven slopes, pivot the bit head.

1. Locate the T-handle clamp and loosen it. See Figure M.
2. Locate the quick release pin. See Figure N. Pull the quick release pin from the horizontal pivot point.



Figure M



Figure N

3. Insert the quick release pin into the vertical pivot port. See Figures O and P. The bit head will now pivot from left to right.



Figure O



Figure P

4. Select the desired bit position. Lock the bit head into position by tightening the T-handle clamp.



Figure Q



Figure R

Replacing the Bit

1. To replace the bit, first unclamp the bit locking pin. See Figures Q and R.
 2. Gently slide the bit from the pin and carefully set aside.
- Attach the new bit by clamping it onto the adapter using the bit locking pin.

Drilling Dos and Don'ts

DO	DO NOT
DO Perform the Pre-Operation Checklist before beginning any project with your auger.	DO NOT neglect to perform the Pre-Operation Checklist.
DO Wear protective clothing, safety glasses, gloves, hearing protection, and work boots.	DO NOT Wear clothing that drapes or clothing that can get caught up in the bit and/or flights during operation. DO NOT Neglect to tie long hair back during operation. DO NOT Wear open-toed shoes during operation.
DO Call the 811 number in your state before drilling to ensure the ground is clear of obstructions such as, but not limited to: <ul style="list-style-type: none"> • Underground utility (fuel or gas) lines • Underground power lines • Utility (water or sewage) pipes • Landscaping fabric Punctures, tears, or other breakages to power lines, gas lines, and/or fuel lines can cause serious bodily injury (electrocution and/or serious burns) or death. Breakages to water or sewage pipes can cause serious bodily injury or death. Note that replacing these utility lines and pipes can be a great expense to the operator if breakage were to occur.	DO NOT Drill without calling 811 in your state. DO NOT Drill without knowing potential obstacles such as power lines, gas lines, fuel lines, and more.
DO Check engine oil level before operation.	DO NOT Start your auger without checking engine oil.
DO Transport your auger within a trailer or pick-up truck bed.	DO NOT Ever attempt to tow your auger.
DO Ensure ground conditions are ideal for operation.	DO NOT Operate your auger in freezing conditions.

If the person receiving this handout will not be the user of the equipment, forward these instructions to the operator. **If there is any doubt as to the operation or safety of the equipment. DO NOT USE!!! CALL A TOOL SHED IMMEDIATELY!!! FAILURE TO FOLLOW THESE INSTRUCTIONS COULD RESULT IN INJURY OR DEATH!**