

## WARNING - TWO 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!!!**

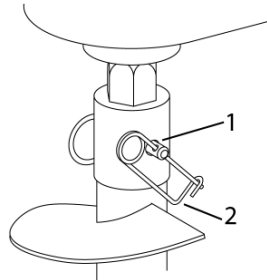
If the person receiving this handout will not be the user of the equipment, forward these instructions to the operator. If there is any doubt as to the operation or safety of the equipment, **DO NOT USE!!! CALL A TOOL SHED IMMEDIATELY!!! FAILURE TO FOLLOW THESE INSTRUCTIONS COULD RESULT IN INJURY OR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

Portable hole digging equipment is used as an alternative method to manual labor and/or larger, mounted earth drilling machinery. This Hole Digger is designed for two man operation only. Do not attempt to utilize this Hole Digger with only one operator.

### Before Starting the Engine

1) Check the engine crankcase oil and fuel levels. Refill the crankcase with SAE 10W30 or 30W oil. Refill the fuel tank with fresh, unleaded gasoline not containing methanol.

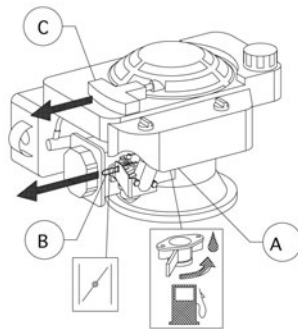
2) Secure the auger to the Hole Digger with the factory supplied pin. Install the safety retaining pin to secure the auger pin.



### Starting the Hole Digger with the Auger Attached

1) Place the Hole Digger on the desired location.

2) The controls are designed for one operator to operate the choke control and start the engine while the remaining operator regulates the engine speed with the throttle control.



3) Turn the **fuel tank ON/OFF value (A)** located under the air cleaner to the ON position.

4) Cold start: pull the **choke control lever (B)** out to deploy the choke mechanism. Rotate the throttle control to 1/2 open.

5) Pull the **recoil starter handle (C)** until engine compression is felt. Use short, steady pulls until the engine starts.

6) If the engine does not start after 3 to 5 pulls, push the **choke control lever (B)** in and then proceed to restart the engine.

7) To **STOP** the engine, release the throttle control to activate the self-contained, engine ignition ON/OFF switch.

### Understanding Kickback

Kickback describes a sharp, pulsating movement of the Hole Digger handles in a counterclockwise direction against the left sides of the operators. It is an inherent operating characteristic.

1) Kickback occurs whenever the auger contacts a buried obstruction. Assume it will occur while digging every hole.

2) Keep the left side handles as close to the body as possible. Maintain full control and alertness while digging.

3) Loss of control: push yourself free and clear. Do not attempt to grasp the handles if the Hole Digger is spinning.

### To Add an Auger Extension\*

1) Dig to the full depth of the auger. Remove as much loose soil from the auger as possible with the auger rotating at a slow speed.

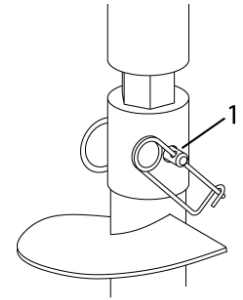
2) **STOP** the engine, disconnect the spark plug wire and turn the **fuel tank ON/OFF valve (A)** to the OFF position. Remove the Hole Digger and auger from the hole.

3) Disconnect the Hole Digger from the auger. Place the auger back in the hole.

4) Connect the auger extension to the auger with the factory supplied pin. Connect the Hole Digger to the auger extension. Reconnect the spark plug wire.

5) Start the Hole Digger. Dig to the desired depth.

**\*Never use more than one auger extension. Using more than one non-flighted extension can lead to loss of operator control and personal injury.**



### Storage on the Job Site

There are three acceptable methods for storing the Hole Digger on the job site. For each method, first turn the **fuel tank ON/OFF valve (A)** to the OFF position.

1) Disconnect the auger from the Hole Digger.

2) Dig a shallow hole to a depth which will properly support the Hole Digger and auger.

3) Lay the Hole Digger and auger down against the operator handles with the engine muffler facing up.

### Questions or problems?

Contact your dealer for assistance.

### Need more information?

Quik-Tips<sup>SM</sup> is intended as abbreviated operating instructions and is provided solely as a customer service. This information is not intended to replace the appropriate Operator Manual. Read the appropriate Operator Manual and view the safety and operational video BEFORE operating the Hole Digger. If you require a manual, it can be obtained from the LIBRARY section at [www.generalequip.com](http://www.generalequip.com). Available safety and operational information videos can be selected in the Video Resources section located on the homepage at [www.generalequip.com](http://www.generalequip.com). Call 811 BEFORE digging. Visit [www.call811.com](http://www.call811.com). If you require assistance during the use of this product, contact your local dealer or our Customer Service Department: 800.533.0524. Telefax: 877.344.4375. Email: [general@generalequip.com](mailto:general@generalequip.com). After hour technical support: 507.363.1033. Visit our website: [www.generalequip.com](http://www.generalequip.com) for additional information.

## Safety Practices:

- Operation is strenuous work. Operators must be in proper physical condition, mental health and not under the influence of any substance which might impair vision, dexterity or judgment. Check with your doctor BEFORE operation.
- Clothing must be sturdy and snug fitting, but allow complete freedom of movement. Wear sturdy, leather boots with nonslip soles; heavy duty, nonslip gloves and hearing/eye protection. Wear a safety hard hat as required.
- Always assume the digging location contains buried underground obstructions. Contact appropriate representatives to determine if/where electrical cables, gas lines and other hazardous objects are buried BEFORE operation.
- Know how controls operate. Know how to stop the engine in an emergency.
- Always operate the Hole Digger with the correct number of operators.
- Start and operate the Hole Digger only in a well ventilated area. Carbon Monoxide fumes from the engine are poisonous.
- Do not operate with onlookers close by. Caution all onlookers to stand clear.
- Keep all foreign objects clear of the rotating auger.
- Never attempt to "ream out" an existing, smaller hole with a larger diameter auger.
- To minimize the effects of kickback, operate the Hole Digger while assuming the proper operator position. Operate only when/where visibility and light are adequate for the job at hand.
- Stop the engine between each hole to minimize the possibility of property damage and/or personal injury. Normal operation is on level surfaces.
- Contact with a hot engine muffler and heat shield can cause property damage and/or personal injury. Remain clear of hot engine muffler and heat shield.

**⚠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](http://www.P65warnings.ca.gov)

## Proper Operator Position



## Improper Operator Positions



- Improper leg positions. Handles too far from upper body. Arms too far from upper body.



- Operators leaning too far over machine. Operator positions will not allow for proper reaction and control in the event of kickback.

- Assume the digging location is filled with buried obstructions.

- Crew Chief operates engine throttle control with right hand. Crew member operates choke control and starts engine.

- Grasp operator handles firmly.

- Position left foot forward of right foot at a comfortable distance apart.

- Keep left side handles as close to waist/leg/arms areas as possible to maximize leverage and control.

- Keep arms as close to upper body as possible to minimize stress.

- Keep back as vertical as possible while digging to minimize stress.

- Bend legs as needed while digging to minimize stress.

**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.**

**Always wear Foot, Hand and Eye Protection whenever operating this equipment. Whether you are a homeowner or a professional excavator, one call to 811 gets your underground utility lines marked for FREE**

The information found on this page is for the removal of an auger bit that has become stuck while digging. This applies to two-person power augers manufactured by Brave Products, model #BRPA265H that have A Tool Shed item numbers 326 and above.

#### REMOVING STUCK AUGER BIT FROM HOLE

1. Usually due to excessive auger bit feed rate, an auger bit can "bind" and/or "bury" itself in the hole. This is also common when digging with smaller diameter 4" auger bits. When this occurs, DO NOT continue to overload the slip clutch assembly. Auger is not capable of transmitting ample power to "free" auger bit.

#### WARNING

- Transmission lock is designed for manual engagement and activation by the operators.
- DO NOT use chains and/or slings wrapped around Auger and/or operator handles connected to external towing device such as a truck or loader to remove stuck auger bit.
- Improper action can result in property damage and/or personal injury.

**NOTE:** The Auger uses a manually deployed transmission lock to prevent gear rotation. Use the following procedure to remove a stuck auger bit from hole:

2. Before attempting to remove stuck auger bit from hole, STOP engine per STOPPING AUGER in OPERATING INSTRUCTIONS section of this manual BEFORE moving to step 18 below.

3. Locate transmission lock on top of transmission housing under spark plug/engine cooling fin area of engine. FIGURE 1

#### CAUTION

- Area can become hot to the touch.
- Wear gloves for added protection.



FIGURE 1

4. Push lock handle down slightly to disengage upper detent position. Turn lock handle counterclockwise (to right) until it stops against vertical slot of lock bracket. FIGURE 1

5. Push lock handle down until it stops against bottom slot of lock bracket and engages transmission gear. (Note, it may be necessary to rotate Auger back and forth slightly to allow lock pin to fully engage gear.) Turn lock handle clockwise (to left) until it stops against right side of slot. Release allowing spring to push handle up into lower detent position. In this position, lock device is fully deployed. FIGURE 2



FIGURE 2

6. With Crew Chief and Crew Member on each side of Auger, grasp operator handles and rotate Auger/auger bit counterclockwise (to left). DO NOT FORCE. Apply steady pressure until auger bit loosens in ground, continuing rotation until auger bit is freed from obstruction and Auger/auger bit can be lifted from hole.

7. Inspect Auger/auger bit for damage. Remove any obstruction from auger bit and/or hole.

8. Reverse locking device process to disengage locking pin from gear. Check spring positions handle in upper detent position of locking bracket to prevent inadvertent lock deployment.

#### CAUTION

- Lock device spring should always be in direct contact with handle in any position.
- If this does not occur, lock device can become inadvertently deployed, resulting in property damage and/or personal injury.
- Replace worn or damaged spring with factory approved replacement part only.

9. Reconnect spark plug wire. Start engine and resume digging process per STARTING ENGINE WITH AUGER BIT ATTACHED in OPERATING INSTRUCTIONS section.