



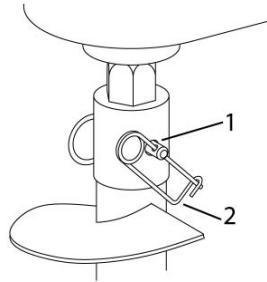
Quik-TipsSM Operation & Safety

330H, 343H, and 357H Hole Digger

Intended Application: 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.

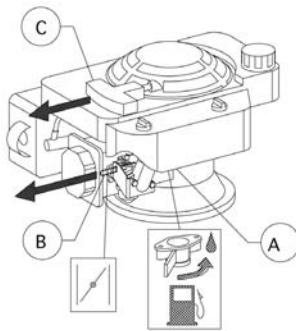
Before Starting the Engine

- 1) Check the engine crankcase oil and fuel levels. Refill the crankcase with SAE 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 valve (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.



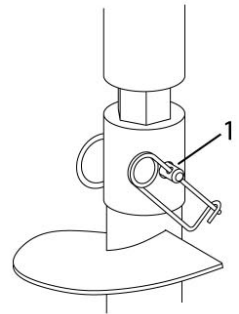
Understanding Kickback

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.



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-TipsSM are intended as abbreviated operating instructions and are provided solely as a customer service. This information is not intended to replace the appropriate Operator Manual. Consult the appropriate Operator Manual BEFORE operating the Hole Digger. If you require assistance during the use of this product, contact your dealer or our customer Service Department: 800.533.0524. Telefax: 877.344.4375. After hours support: 507.451.9409.

330H, 343H, and 357H Hole Digger

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.

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.



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