

TROUBLE

CAUSE

Motor will not start

- 1) Toggle kill switch on handle is off.
- 2) Engine stop switch is in "OFF" or "O" position.
- 3) Torque tube is not connected at the engine end.
- 4) Fuel level is too low in gas tank.
- 5) On oil guard equipped engine, oil level is too low.
- 6) Spark plug is fouled.

Cannot connect or disconnect auger.

- 1) Foreign matter clogging adaptor.
- 2) Spring and button in top of auger is bent or broken.
- 3) Adaptor is bent.

Auger turns too slowly and will not dig.

- 1) Too much down pressure or binding on side of hole. Hold back if necessary to allow auger to turn at full speed.
- 2) Bent linkage between control lever and valve. With engine off, ensure that neither lever touches handle bar when moved to full forward or reverse position.

Auger turns but will not dig.

- 1) Foreign matter collected around point.
- 2) Point or blade is dull.
- 3) Wrong type blade for soil conditions. Contact dealer or factory for Little Beaver carbide blades.

Auger with extension will not dig.

- 1) Auger or extensions bent or running out of line.
- 2) Number of extensions exceeds machine capacity.

Hydraulic oil and/or hoses overheats

- 1) It is normal for the hoses and reservoir to be warm to the touch. If you feel it is too hot, consult your dealer or factory.

Auger turns when engine idles.

- 1) Valve or linkage is binding. Do not use. Contact your dealer or factory.

Problems not listed in table.

- 1) Contact your dealer or factory.

SAFETY PRECAUTIONS



DANGER: Failure to observe safety instructions and reasonable safety practices can cause Property Damage, Serious Bodily Injury and/or Death. **BE CAREFUL!! WATCH OUT FOR BYSTANDERS!!**



DANGER: NEVER run engine inside building or enclosed area.



DANGER: NEVER drill holes where there is a possibility of underground power cables or other hazards.



WARNING: Augers are not to be used as anchoring devices.



CAUTION:

- READ and understand your operator's manual and the operator's manual for the engine.
- NEVER Operate drill without correctly installing torque tube.
- NEVER Remove auger from hole while auger is turning.
- NEVER Operate auger at less than full throttle.
- NEVER Operate drill with damaged auger or other damaged or missing parts.
- KEEP Hands, Feet and Clothing away from moving parts while engine is running.
- KEEP All safety shields and devices in place.
- MAKE Certain everyone is clear before operating the machine.
- KEEP leg pad against leg while drilling to maintain safe control.
- WEAR SAFETY GLASSES.
- KEEP Bystanders away from work area.
- SHUT OFF Engine to adjust, service or clean the machine.

CAUTION: Escaping hydraulic fluid, under pressure, can have sufficient force to penetrate the skin, causing serious injury. Before disconnecting hydraulic lines, be sure to relieve pressure. Before applying pressure, be sure connections are tight and fittings, pipes and hoses are not damaged. Use a piece of cardboard or wood, rather than hands, to search for leaks.

KEEP all hydraulic lines away from moving parts.

Little Beaver How-To Series

Basic Operating Instructions for the Hydraulic Earth Drill



For over 40 years, the versatile Little Beaver mechanical earth drill has been the #1 choice of professionals who require a one-man auger that is safe and simple to operate. Thanks to our unique Torque Tube, we've eliminated the kickback found in other drills and made one-man post hole drilling safe and productive. Follow the instructions in this guide to ensure proper operation.



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Hydraulic Earth Drill

For Further Inquires Call: 1-800-227-7515

OPERATING INSTRUCTIONS

How to operate the Earth Drill

BEFORE STARTING THE ENGINE

Be certain that:

- (1) The torque tube is properly attached.
- (2) There is no auger connected to the handle.
- (3) The Quick Disconnect fittings are correctly coupled.
- (4) The Torque Tube has engaged the Kill Switch at the Power Source.

TO START THE ENGINE

Set the choke lever to the "ON" position and pull the starter rope. The engine should start after 2 or 3 pulls. Set the choke lever to "OFF" and allow the engine to warm up for 2 or 3 minutes.

AFTER THE ENGINE HAS WARMED UP

Insert the auger into the drive adaptor on the bottom of the handle. Make sure that the button snaps into place. Hold the handle so that your left index finger and thumb can operate the throttle (pull with the index finger for forward rotation, push with the thumb for reverse.) NOTE: ONLY use reverse to free the auger if it becomes lodged in the ground. Grasp the right handle bar with your right hand. Stand so that the auger is straight up and down and is properly positioned to dig your hole, making certain your feet are well clear of the auger.

Note the safety signs on the unit.

IMPORTANT: Keep your back as vertical as possible by bending your legs as required during the operation and lifting procedure.

ONE-MAN HANDLE Always keep the leg pad against leg to maintain safe and stable control during operation.

TWO-MAN HANDLE The operator controlling the throttle lever must alert the other operator prior to engaging the earth drill to ensure readiness. Both operators must distribute even pressure on the auger, as required, to maintain uniform drilling.

OPERATION

NEVER Drill holes where there is a possibility of underground power cable or other hazards.

MAKE certain everyone is clear before operating the machine.

KEEP hands, feet and clothing away from moving parts while engine is running.

Start the Auger Turning by pulling the throttle lever in completely. Always allow the auger to turn at full speed and let it cut its way into the soil.

IMPORTANT: When digging in soft soil, hold up slightly on auger. In hard pan, apply pressure, but not enough to stall the auger or slow it down significantly. The auger works best when it turns at full speed.

If the Auger Stalls repeatedly or slows down significantly; stop the auger by releasing throttle lever, slightly lift up on auger, start auger by pulling throttle lever, and allow the auger to turn at full speed while slowly lowering it to bottom of hole.

When the desired depth is reached, stop the auger by releasing the throttle lever. Then pull the auger completely out of the hole.

NEVER Remove auger from hole while auger is turning.

CHECK THE CUTTING BLADE

Check the sharpness of the cutting blade frequently. If it becomes dull, check with your dealer or factory for a replacement. Do not use an auger blade which has worn even with the auger flighting.

NEVER operate the earth drill with a damaged auger.



1 Connect handle to power source using quick disconnect fittings.



2 Snap male end of torque tube into connector at handle.



3 Snap female end of torque tube into connector on power source.



4 Starting position: Choke engine,



5 Then pull starter rope. Note: engine should always run at full speed.



6 Attach auger to auger adaptor.



7 For safety, always keep leg pad against leg while digging.



8 When hole is complete stop auger and pull out for clean hole.



9 For greater depths, un-snap auger from auger adaptor.



10 Snap extension onto auger.



11 Continue digging with auger and extension.



12 Remove handle, then remove auger and extension from hole.