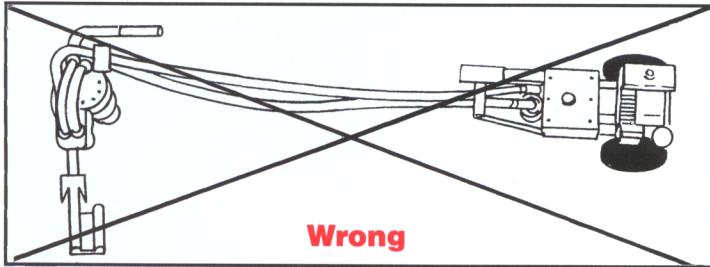
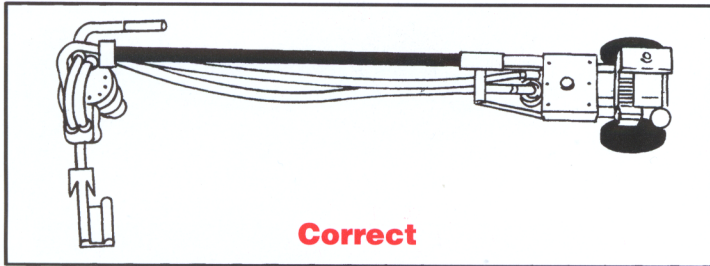


Operating Instructions

ALWAYS USE TORQUE TUBE



TORQUE TUBE ASSEMBLY

The torque tube consists of two parts. Part #1 is 60" long with a 1-1/2" square fitting on one end. Part #2 is 29" long with a 1-1/4" square fitting on one end. To assemble, slide part #2 into part #1 so that the square fittings are on opposite ends. Attach the larger end of the torque tube to the power source bracket. Attach the other end to the handle. Be sure to align the snap button with the mating hole provided and check to be sure the snap buttons are securely snapped into place.

BEFORE STARTING THE ENGINE

Be sure 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 the "OFF" position 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 the snap button and hole provided in the adaptor are aligned and the button snaps securely into place. Hold the handle so 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 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 instructions in this manual and on the machine's decals.

IMPORTANT

Keep your back as vertical as possible by bending your legs, as required, during the operating 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 cables 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.

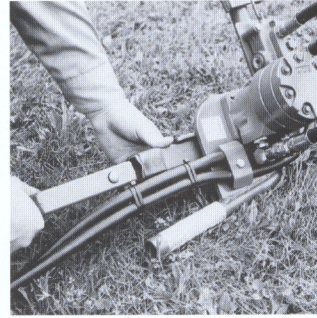
How to operate Earth Drill



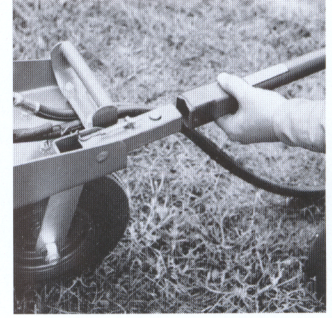
1 Connect handle to power source using quick disconnect fittings.



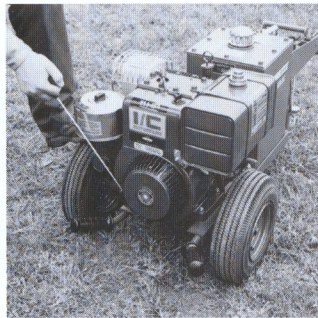
2 Connect male and female ends of torque tube together.



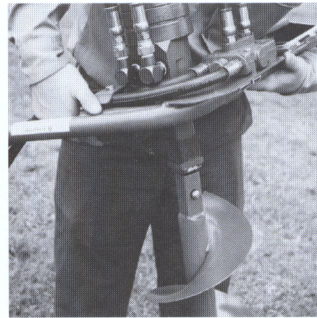
3 Snap male end of torque tube into connector at handle.



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



5 Starting position: Choke engine, 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 depth: unsnap 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.

TROUBLE

CAUSE

Engine will not start	<ol style="list-style-type: none">1) Torque tube is not connected at power source2) Engine stop switch is in "off" or "O" position3) Low fuel level in gas tank4) Low oil level in "Oil Guard" or "Oil Alert" equipped engines5) Spark plug fouled
Cannot connect or disconnect auger	<ol style="list-style-type: none">1) Foreign matter clogging auger adaptor2) Spring and button in top of auger is bent or broken3) Auger adaptor is bent
Auger turns too slowly and will not dig	<ol style="list-style-type: none">1) Too much downward 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	<ol style="list-style-type: none">1) Foreign matter collected around point2) Point or blade is dull3) Wrong blade type for soil condition. Contact your dealer or factory for Little Beaver carbide blade
Auger with extension will not dig	<ol style="list-style-type: none">1) Auger or extension bent or running out of line2) Number of extensions exceeds capacity of machine
Hydraulic oil and/or hoses overheats	<ol style="list-style-type: none">1) It is normal for the hoses and reservoir to be warm to the touch. If it is very hot, consult your dealer or factory.
Auger turns when engine idles	<ol style="list-style-type: none">1) Valve or linkage is binding. Do not use. Consult your dealer or factory
Problems not listed in table	<ol style="list-style-type: none">1) Consult 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 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:

1. NEVER Operate drill without correctly installing torque tube.
2. NEVER Remove auger from hole while auger is turning.
3. NEVER Operate auger at less than full throttle.
4. NEVER Operate drill with damaged auger or other damaged or missing parts.
5. KEEP Hands, Feet and Clothing away from moving parts while engine is running.
6. KEEP All safety shields and devices in place.
7. MAKE Certain everyone is clear before operating the machine.
8. KEEP leg pad against leg while drilling to maintain safe control.
9. WEAR SAFETY GLASSES.
10. KEEP Bystanders away from work area.
11. 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.