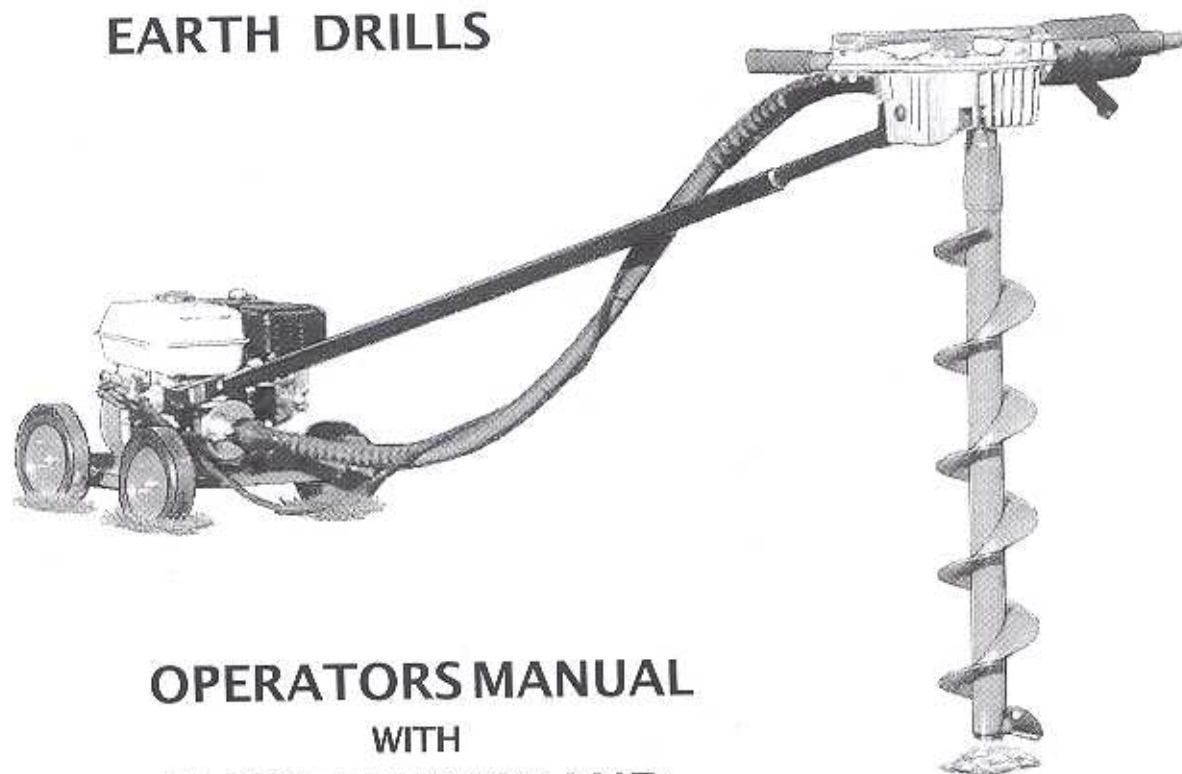




LITTLE BEAVER[®]

EARTH DRILLS & AUGERS

**MECHANICAL
EARTH DRILLS**



**OPERATORS MANUAL
WITH
MAINTENANCE AND
PARTS INFORMATION**

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SAFETY INSTRUCTIONS



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. The exact location of underground services must be determined prior to drilling. Inadvertent severing of telephone, fiber optic or CATV transmission cable, or damage to sewer pipe is costly; RUPTURING OF GAS OR WATER LINES CAN CAUSE SERIOUS BODILY INJURY AND/OR DEATH. COMING INTO CONTACT WITH BURIED POWER LINES CAN CAUSE SERIOUS BODILY INJURY, SEVERE BURNS, AND/OR ELECTROCUTION. Call local utility companies or your local "One-Call" number at least 48 hours before digging and have underground utilities marked.



DANGER: NEVER run engine inside building or enclosed area. Exhaust gases contain carbon monoxide, an odorless and deadly poison.



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



CAUTION:

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

NOTICE

It is the responsibility of the contractor, owner and user to maintain and operate the Earth Drill in compliance with operating instructions provided. Observe all listed safety instructions and other reasonable safety practices. LB EQUIPMENT, INC. accepts no responsibility for damages to this machine, and other property damage and/or bodily injury due to careless or improper operations.

LB EQUIPMENT, INC. does not recommend or condone use of replacement engines greater than eight (8) horsepower.

LB EQUIPMENT, INC. does not recommend or condone any unauthorized modifications to the earth drill, especially those which would eliminate or reduce the effectiveness of the torque tube.

LB EQUIPMENT, INC. reserves the right to make changes in design and changes for improvements upon its product without imposing any obligation upon itself to install the same upon its products theretofore manufactured.

Your operators manual offers recommendations for prolonged and satisfactory service.



OPERATING INSTRUCTIONS

CONNECT TORQUE TUBE

The torque tube consists of a steel tube approx. 66" long with a 1-1/2" square fitting on one end. Part #2 is 29" long with a pivot hole on one end. To assemble, slide the other end of the tube onto the torque arm rod extending from the transmission as shown in figure 2. Attach the square end of the torque tube to the engine bracket as shown in figure 3. Make sure that the safety kill switch is pushed in and that the snap button is aligned with the mating hole provided so that the snap button securely snaps into place. Attach the other end to the handle using the nylon bushings, shoulder bolt and lock washer, (included).



FIGURE 2

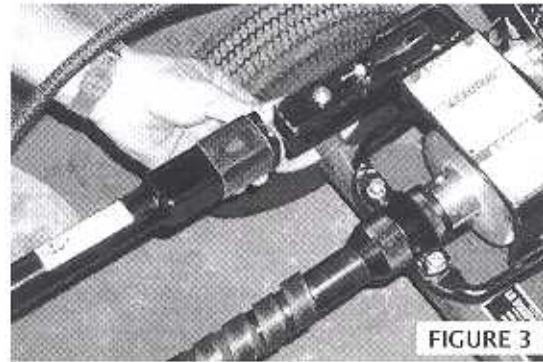


FIGURE 3



WARNING: NEVER use the Earth Drill unless the torque tube is properly connected.

BEFORE STARTING THE ENGINE, Be sure that:

- 1.) Engine is properly prepared to Manufacturer's specifications. Note: Engines with "Oil Guard" protection must be filled with oil to the **full mark on dipstick** or to point of overflowing to allow the engine to start. If the light inside the engine on/off switch flashes (Briggs & Stratton only), this is an indication that the oil level is low.
- 2.) The torque tube is properly attached.
- 3.) There is no auger connected to the handle.
- 4.) The safety kill switch is in "ON" position on the handle and the Torque Tube has engaged the safety kill switch at the engine bracket.

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. If the engine does not start, re-check all safety kill switches, then refer to the engine manufacturers operator manual.




NOTE: If it is necessary to 'gas' or 'rev up' the engine while starting, push slightly with your thumb against the bell crank on the throttle bracket. (The bell crank is the pivoting triangular plate to which the throttle wire, spring and clip are attached.) This will release spring tension against the governor and allow the carburetor to open slightly. **DO NOT** push directly against or try to move the carburetor butterfly or idle screw. Doing so will bend the governor linkage rod.



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 can operate the throttle. 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 (see figure 4). Note the safety instructions in this manual and on the machine's decals.




FIGURE 4

-  **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.

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

AUGER EXTENSIONS

If greater hole depths are required, extensions may be used with the auger. After the auger has reached its maximum depth, stop the auger and disconnect the drive adaptor from the auger which remains in the hole. Connect the extension to the auger as shown in figure 5. Connect the drive adaptor to the extension and continue to dig the hole.



FIGURE 5

When the desired depth is reached, stop the auger and disconnect the drive adaptor from the extension. Then remove the extension (s) and auger from the hole.

