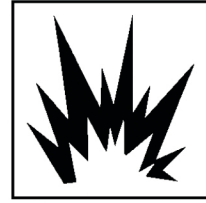


Machine Set-Up

WARNING



Do not place machine in water. Water entering the motor can result in electrical shock.

To prevent serious injury, proper set-up of the machine and work area is required. The following procedures should be followed to set-up the machine:

Set-Up For $\frac{5}{8}$ " Sectional Cable

1. Check work area for:
 - Adequate lighting
 - Grounded electrical outlet
 - Clear path to the electrical outlet that does not contain any sources of heat or oil, sharp edges or moving parts that may damage electrical cord.
 - Dry place for machine and operator. Do not use the machine while standing in water.
 - Flammable liquids, vapors or dust that may ignite.
2. Position the Drain Cleaning Machine within 2' of drain inlet. Greater distance can result in cable twisting or kinking.
3. Make sure FOR/OFF/REV switch is in the **OFF** position.



Figure 2 – Rear Guide Hose Attachment

4. Attach the rear guide hose by lifting up the lock pin and sliding guide hose adapter onto the housing until it locks into place (*Figure 2*).

▲ WARNING Do not use machine without rear guide hose attached. Prevents cable whipping and possible entanglement.

5. Insert first cable into front of machine (female end first) and push through guide hose until approximately one foot remains out the front of the machine (*Figure 3*).



Figure 3 – Inserting Cable Into Front Of Machine

▲ WARNING Never couple more than one cable at a time. Cable will extend behind rear guide tube.

6. Select and install the proper tool to the end of the cable. The T-Slot Coupler allows the tool to be snapped into the cable coupler (*Figure 4*). To remove tool, use the pin key to depress the plunger and slide the coupling apart.

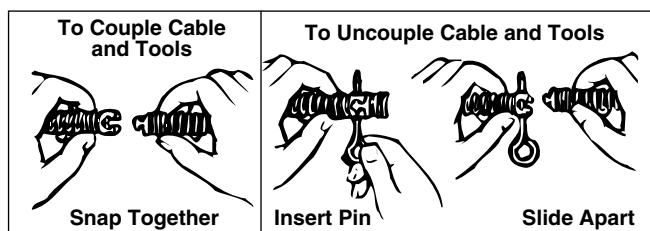


Figure 4 – Coupling and Uncoupling Tools

NOTE! Proper Tool Selection

A good rule of thumb is to use a tool at least 1" smaller than the line to be cleaned. The style of the tool is determined by the nature of the job and is left up to the operator.

7. Plug the Drain Cleaning Machine into the electrical outlet, making sure to position the power cord along the clear path selected earlier. If the power cord does not reach the outlet, use an extension cord in good condition.

▲ WARNING To avoid electric shock and electrical fires, never use an extension cord that is damaged or does not meet the following requirements:

- The cord has a three-prong plug similar to shown in Electrical Safety section.
- The cord is rated as "W" or "W-A" if being used outdoors.
- The cord has sufficient wire thickness (16 AWG - 100'). If the wire thickness is too small, the cord may overheat, melting the cord's insulation or causing nearby objects to ignite.

▲ WARNING To reduce risk of electrical shock, keep all electrical connections dry and off the ground. Do not touch plug with wet hands. Test the Ground Fault Circuit Interrupter (GFCI) provided with the electric cord to insure it is operating correctly. When test button is pushed in, the indicator light should go off. Reactivate by pushing the reset button in. If indicator light goes on, the machine is ready to use. If the GFCI does not function correctly, do not use the machine.

Set-Up For 5/16" or 3/8" Cable Adapters

1. Make sure FOR/OFF/REV switch is in the OFF position.
2. Pull ten inches of cable from cable adapter and slide into back of K-50.
3. Lift plunger pin on cable adapter and depress clutch handle on machine to allow cable adapter to slip into drilled hole (*Figure 5*). Be sure plunger has locked into machine.

NOTE! By pulling down hard on clutch handle, the adapter will spin. With an upward snap of clutch handle, the adapter will stop instantly, preventing overrun or kinking. The built-in brake increases life of cable.



Figure 5 – Cable Adapter Attachment