

ATTACHING CORE BITS TO THE CORE DRILL

1. Place the core drill and core bit on a suitable workbench or safe flat surface.
2. Before installing the core bit, ensure the core drill power cord is unplugged from electrical power. **NEVER** attempt to install the core bit on a drill that has power applied to it.
3. Choose the proper core bit adapter (5/8"-11 or 1 1/4"-7) that matches the female end of the selected core bit, and thread it onto the drill motor output shaft utilizing the adjustable wrenches provided with the CDM1H (Figure 6).
4. Thread the selected core bit onto the core bit adapter output shaft utilizing the adjustable wrenches provided with the CDM1H.

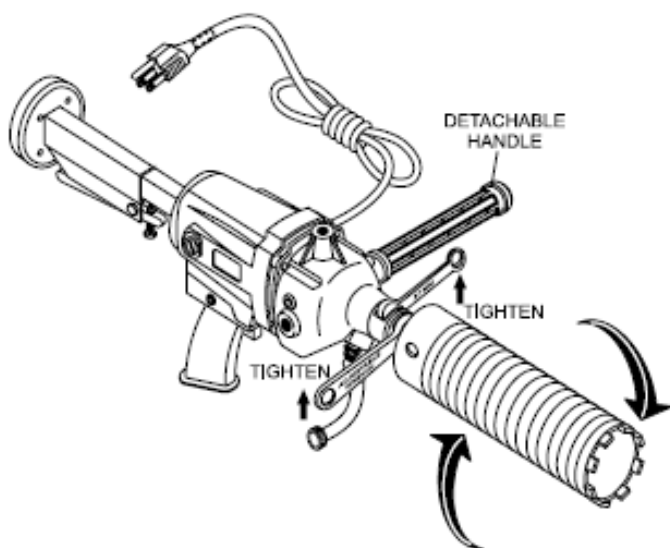


Figure 6. Attaching Core Bits to the Core Drill

CONNECTING WATER TO THE CORE DRILL

⚠ WARNING

Adherence to the OSHA 2017 Ruling governing Occupational Exposure to Respirable Crystalline Silica, requires that all core drilling operations **MUST BE** conducted with an integrated water delivery system that feeds water to the drill bit.

1. Attach the Water Kit (supplied) to the core drill as shown in Figure 7. Ensure that the worm-clamps are securely attached to the water valve bib.

2. The water kit is designed to thread onto a standard 3/4" garden hose connection.

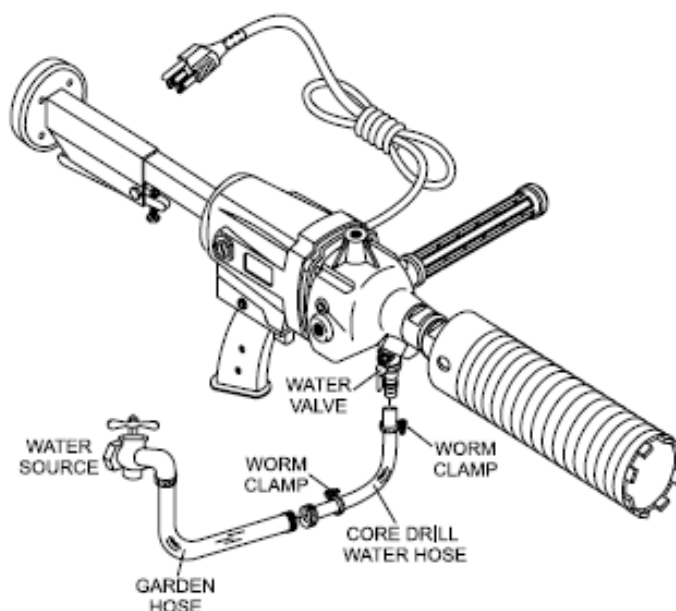


Figure 7. Connecting the Water

ADJUSTING THE STOCK (SHOULDER REST)

3. The CDM1H is supplied with an adjustable stock. This stock can be adjusted by simply squeezing the trigger and sliding the stock back and forth to the desired position (Figure 8).
4. If more spring tension is required (trigger lever), simply adjust the spring tension adjustment bolt until the desired spring tension is obtained.

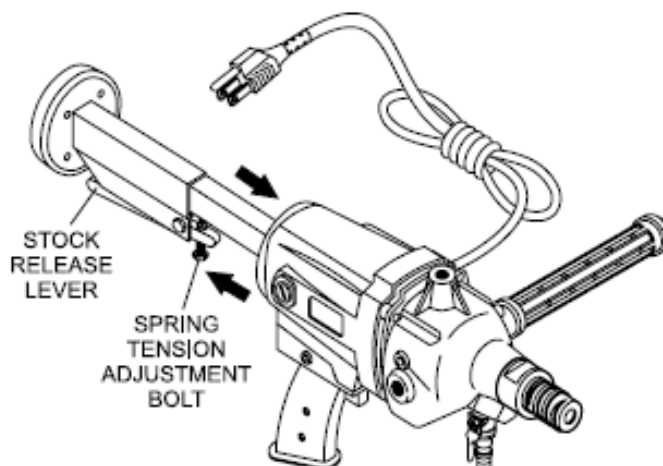


Figure 8. Adjusting the Stock

BEFORE OPERATING

1. Place the valve on the water source to the ON position, and then turn the water valve on the core drill (Figure 10) to the ON position (down). Verify that water is flowing smoothly and evenly.

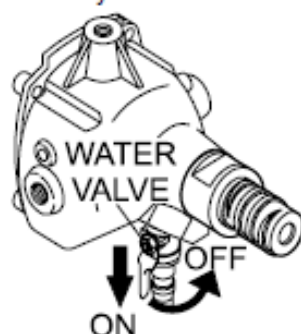


Figure 10. Water Valve (ON Position)

2. If water is not flowing, check all connections and correct the problem.
3. Place the core drill against the surface (Figure 11 and Figure 12) to be drilled. Hold drill firmly, and squeeze the power ON/OFF switch to begin drilling.

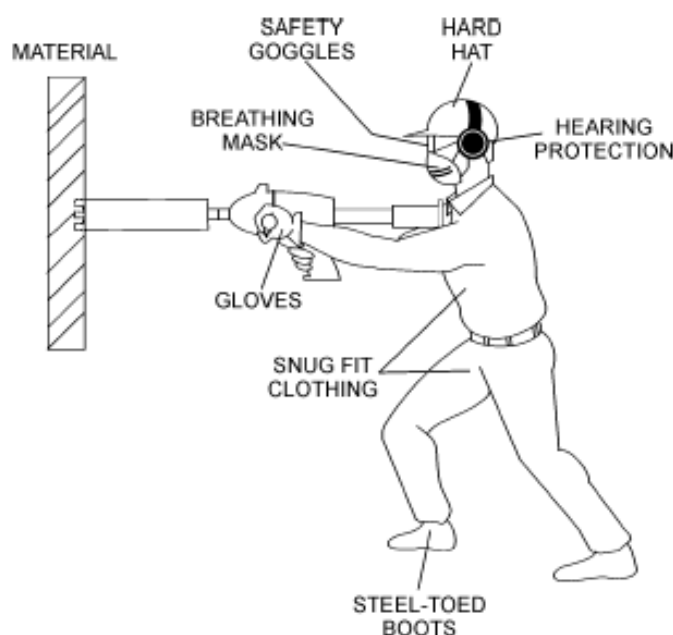


Figure 11. Wall Drilling Application

NOTICE

DO NOT overreach. Keep proper footing and balance at all times. Proper footing and balance enables better control of the core drill in unexpected situations

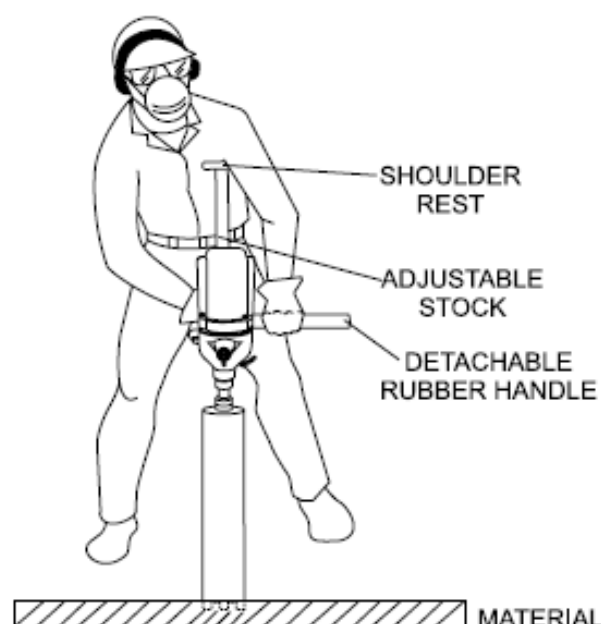


Figure 12. Floor Drilling Application

WARNING

This core drill can whip violently if it comes in contact with rebar or coarse material which would cause the shaft to bind. Be extremely careful at all times when drilling. The possibility exists of the core drill severely twisting the wrist or striking the body with excessive force.

CAUTION

ALWAYS be on the lookout for exposed wiring or buried electrical connections when drilling.

NOTICE

ALWAYS drill with uniform pressure and keep the bit straight. When drilling through steel rebar, reduce the pressure to avoid overloading the motor.

NOTICE

NEVER use the adjustable shoulder stock to pull the bit out of the ground if the bit gets stuck in the hole.