

How to Operate an Electric Multi-Purpose Tool

Objective

The reader will learn how to operate an electric multi-purpose tool (such as the Dremel brand model), and to change its blade. A multi-purpose tool, as the name suggests, comes with different blades and is used for a wide variety of tasks, too long to list here. To see it in action, check out the video demonstration at seejanedrill.com.

Resources Needed to Complete Job

- **Tools & Equipment**
 - Multi-purpose tool with interchangeable blades
 - Hex wrench (also called an allen wrench)

Steps to Use Tool and Change Blade

1. **Remove Existing Blade.** Before beginning, be sure that the power is disconnected and the tool is turned off. Next, take the hex wrench and insert it into the hex nut on the underside of the blade. Twist it off. Take the blade and the washer off.

2. **Install Other Blade:** Note the dots around the dial of the tool, and how the blade has holes in it that align with those dots. It is possible to install the blade with an angle to the left or to the right, as well as directly facing forward, depending upon the job you will be doing. Put in the blade. Next, be

sure to install the beveled washer. A beveled washer is a washer with a slight hump or rise on one side.

3. **Attach the new fixture:** There are two pieces that come with a hand-held shower unit: the showerhead holder, and the showerhead itself.
 - a. First, attach the holder to the pipe to which you just applied the Teflon tape. Tighten it hand-tight.
 - b. Next, apply Teflon tape to the threads of the portion of the holder to which you will attach the shower head. Then, screw on the showerhead. Tighten it hand-tight.

4. **Test it:** Turn on the water to the shower to make sure everything is well-attached and there are no leaks. If there are leaks, keep tightening until the shower is functioning perfectly.

And that's it! You have just installed a new hand-held showerhead.

For further information about the task described in this worksheet and the tools and materials needed to complete this job, refer to seejanedrill.com