



# Engraver Instructions

## SAVE THESE INSTRUCTIONS

No matter how you use your Dremel electric engraver, you'll do a professional-like job by following the simple operating instructions shown.

## OPERATING INSTRUCTIONS

1. In order to use your engraver, you must first install the engraver point. To properly install the engraver point loosen the set screw located in the engraver point holder (figure 1). Place the engraver point inside the point holder and firmly tighten the set screw. It is important to make sure the engraver point is held firmly in place by the set screw. To remove a worn out engraver point, loosen the set screw and remove the engraver point (figure 1). Replacement engraver points may be purchased from your Dremel dealer or direct from the factory.

2. This engraver is double insulated. Double Insulated tools are equipped with a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug will not fit in a polarized outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install a polarized outlet. Do not change or alter the plug in any way. Before plugging in the tool, be certain that the outlet voltage you are using matches the voltage number marked on the back label (name plate label) that is located on the engraver.

3. To use the engraver, turn the engraver "on" by moving the on/off switch located at the end of the tool (figure 2). Hold the engraver at a slight angle as you would normally hold a pencil. Hold the unit lightly while resting your arm comfortably on a table. Do not press down hard while engraving. Use a light touch guiding the point over the work somewhat slower than you would normally write.

4. The adjusting knob on the side of the engraver housing controls the stroke length and therefore the depth of engraving (Figure 3). It is not intended to be used as an "OFF" switch. A good "rule of thumb" is to select the lowest setting which will produce a deep enough engraving mark to meet your requirements. To familiarize yourself, experiment with different settings on scrap materials.

**NOTE:** The "lowest" position of the adjusting knob will be with the knob pointing to the number "1" on the housing. With extended use, the positive detent indicator associated with the depth control knob will begin to wear down and be less noticeable. This is to be expected and does not indicate malfunction of the engraver.

5. The engraver point furnished with your engraver is carbide steel. Under most conditions it will perform very satisfactorily on glass, steel, ceramics and other hard-materials. However, for industrial and commercial work where continuous operation is required, a diamond point is recommended.

**WARNING:** Do not engrave on electronic media such as CDs, DVDs, etc. Engraving on these materials may damage the media.