

Creator's Bottle Neck Cutter

INSTRUCTIONS

PAGE 1

1. **ALWAYS** wear safety glasses during all operations of scoring, separating, and sanding glass bottles.

2. To adjust the height of the desired score, loosen the **thumb screw**.

Rotate the **adjusting knob** to either raise or lower to your desired score line. Then re-tighten the thumb screw. **see figure 1**

3. Grasp the assembly gently and evenly as shown in **figure 2**. When you are ready to score, use a downward, **steady** force of your hand and squeeze the assembly with a little more pressure on your grip. Simultaneously, with your other hand rotate the bottle **CLOCKWISE**. When you almost complete the 360 degree rotation, you will see the score start to come around the bottle. As soon as you see the score line, or feel it meet the beginning of the score, **STOP**.

DO NOT OVERSCORE !!!

Hint: You may also make a Sharpie mark on the bottle to reference your starting/stopping points.

Adjusting Knob

Thumb Screw

The Cutting Head can be replaced by pulling it out with a pair of pliers and pushing a new one in its place.

figure 1



figure 2

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PAGE 2

4. To run the score, we use the thermal-shock method. Going from a hot temperature to a cold temperature. We have found that a candle and ice water work the best. Rotate the bottleneck approx. 1/2" **above** a medium candle flame for about 1 minute. Times may vary due to the thickness of glass. **see figure 3** Then, immediately plunge the bottleneck in a bucket of ice water for 10 seconds. **see figure 4** Pull neck off gently. Repeat if needed. **We have a video called Creators Bottle Neck Cutter on YOUTUBE showing exactly how to do this from start to finish.**



figure 3



figure 4

5. After you make your clean break, you will want to dull the sharp edges just a bit for safety. We use a silicon carbide round stone for the inside of the bottleneck. And a square silicone carbide stone for the outside. Usually a 220 Grit will do the job very well. Dip the stone in a glass of water and gently brush back and forth on the very edge of the glass to the desired smoothness.

see figures 5 and 6

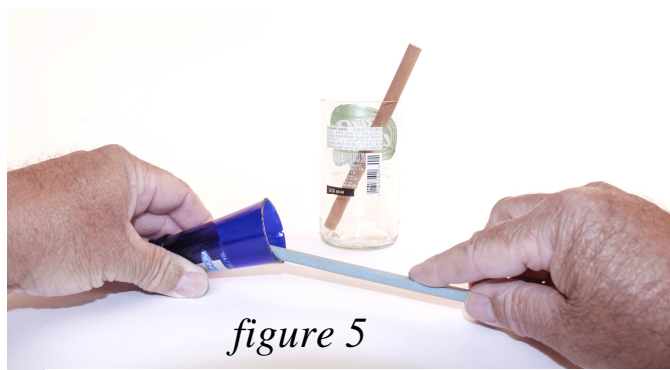


figure 5

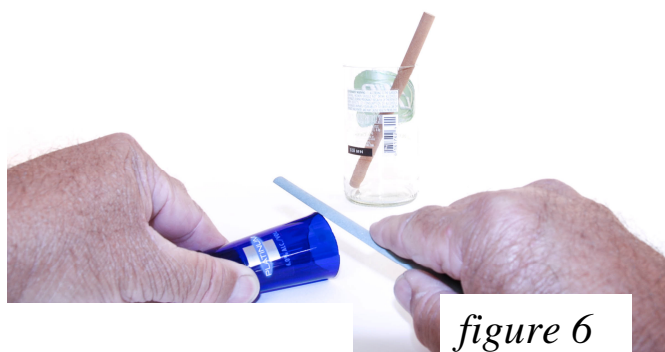


figure 6

Questions ??? Call us 847-477-3863

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