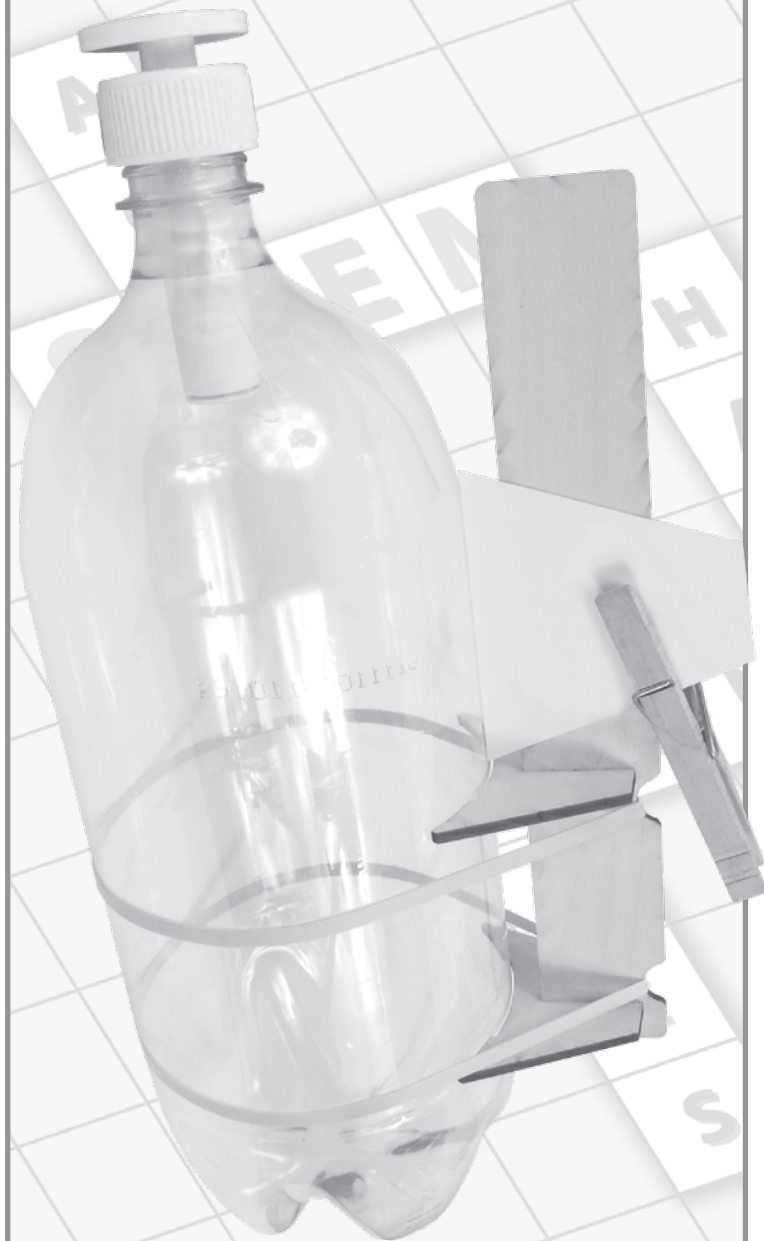


R2K Fin Holder

User Guide



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R2K Fin Holder

User Guide

The R2K Fin Holder is a great tool for aligning and gluing fins on your R2K Bottle Rocket or other bottle rocket using a two-liter bottle.

Included Materials

- Wooden support
- 2 bottle holders
- 2 rubber bands
- 1 clothespin

Construction Materials (not included)

- White structure glue or CA glue
- The Pumper (optional)

Constructing the Fin Holder

1. Find the long wood piece; this is the support. Locate the two smaller wood pieces; these are the bottle holders.

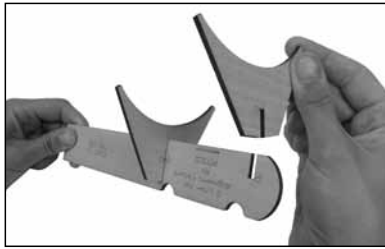


Figure 1

2. Connect the bottle holders onto the support where the pieces are notched (Figure 1). Make sure the arrows marked on the support and bottle holders are aligned (Figure 2). Glue these pieces together. Let the holder dry.

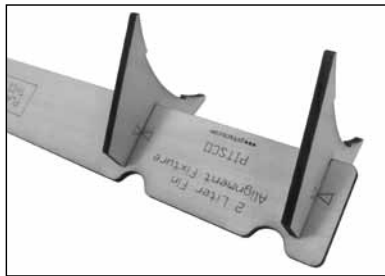


Figure 2

Using the Fin Holder

Note: It is recommended to use a tool such as The Pumper (51995) to pressurize the bottle and hold the bottle sides rigid during the fin gluing process.

1. After you have marked the fin placement on your bottle according to the kit directions, attach the fin holder to the bottle. To do this, put the concave side of the bottle holders against the bottle. Hold this in place with a rubber band around the bottle and the holder (Figure 3).



Figure 3

2. Using the clothespin, attach one fin to the holder so the fin aligns with one of the fin placement marks (Figure 4). Glue the fin in place. Let the fin dry.

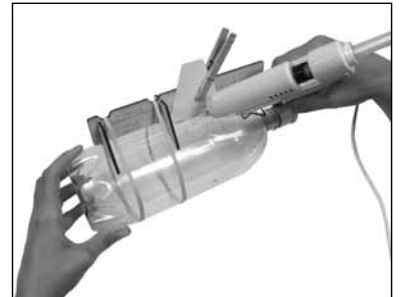


Figure 4

3. Remove the clothespin and slide the fin holder away from the glued fin and around the bottle to the next fin alignment mark (Figure 5). Glue the next fin. Continue to do this until all fins are glued. Let the fins dry completely.



Figure 5

4. Carefully, remove the rubber bands and the fin holder.