

Cryteks

Kit Inventory

- Four Inner Box Sides and Inner Box Bottom
- 24 1/8" x 1/4" pegs for Inner Box
- 20 pieces of Lock Piece A
- 20 pieces of Lock Piece C
- 8 pieces of Lock Piece B
- Four Outer Box Sides and Outer Box Bottom
- 24 Slider pieces
- 24 moving slider pieces (parts with two sets of 3 holes)
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- Black (.280") alignment pegs – 96
- Orange (.150") alignment pegs - 48

Other Items Needed

- Glue – I use a “craft” type tacky glue such as “Aleenes Tacky Glue” which can be found at craft stores like Michael’s.
- Sandpaper - to smooth any rough edges and make parts slide easier.
- Wax/paraffin – also to make parts slide better.

General Notes:

- The alignment pegs are of different lengths depending upon the number of layers that are being placed together. Be careful to use the correct length. The pegs are easier to push through the holes if you start them on the side of the piece that has writing.
- Check the fit before gluing and sand/file any pieces that do not slide smoothly
- I use Aleene’s tacky glue for gluing parts. I glue the pieces and then hold them together for ~15 seconds and they will stay in place until the glue dries.
- Be careful when attaching outer sides, spacers and covers to keep glue away from areas where it might squeeze out underneath and get on any of the sliding parts. If possible glue those parts without the sliding pieces in place so you can clean up any glue squeeze out.
- Clean up glue squeeze out while the glue is still soft as it is much harder after it dries.
- When sanding flat sides it is better to place the sheet of sandpaper on a flat surface and move the puzzle piece over the sandpaper. This keeps the face flat and prevents rounding over the edges.

Assemble Inner Box

Start by sanding the outside (side opposite the writing) of the inner box pieces. Use 100 grit then 150/180 grit. It is easier to sand these pieces before the pegs are inserted. Then insert the 1/8" pegs into the holes of the inner box sides. The pegs should be flush with the side that has the writing on it.



You could put glue on each of the pegs before inserting them or you can go back after they have all been inserted and put a drop of super glue on the inner side of the pegs to lock them in place as shown below.



Next glue the front, left, back, right and bottom panels of the inner box together. The writing on the side panels should be facing inwards and the writing on the bottom panel should face towards the inside of the box.



After the glue is dry sand the edges of the box with 100 grit sandpaper to remove any ridges and make it smooth for any sliding pieces.

Add Moving Spacer Pieces to Sliders

Using two of the orange (.150") pegs glue a moving spacer piece to each of the sliders. The pegs are inserted into the middle hole of the set of three holes as shown below.



The remainder of the instructions are included with the kit.

At this point the box is finished and you can set the sliders to the combination you chose and insert the inner box.

