

Green Slidey plans

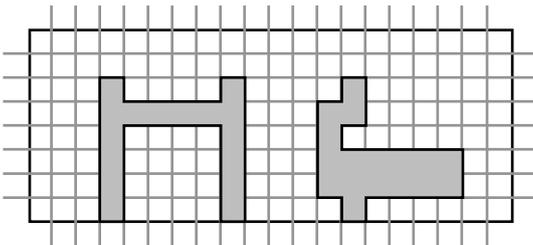


The four sliding blocks are the important part.
 The two lower blocks should slide under the two upper blocks.
 Grooves cut in the upper surfaces of the lower blocks move around pins in the lower surfaces of the upper blocks.
 I used 1/2" plywood for the top blocks, and 1/4" plywood for the lower blocks.

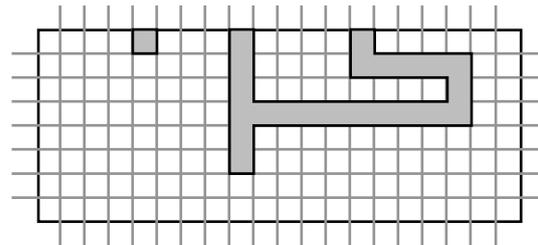
Cut two pieces at 1" x 2-1/2" x 1/2" for the top blocks.
 Cut four pieces at 1" x 2-1/2" x 1/4" for the lower blocks.
 The grooves need only be 1/8" deep, so you could cut two at 3/8" x 1" x 2-1/2" (for the lower blocks);
 two at 1/8" x 1" x 2-1/2" (for the grooves layer).
 Cut these grooves in the lower blocks upper layer:

The grooves need to be cut before the lower block layers are glued together.

Lower block A

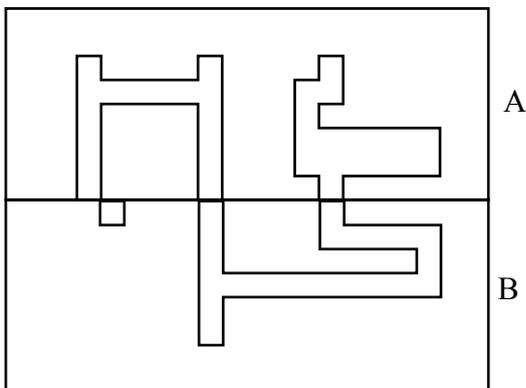


Lower block B

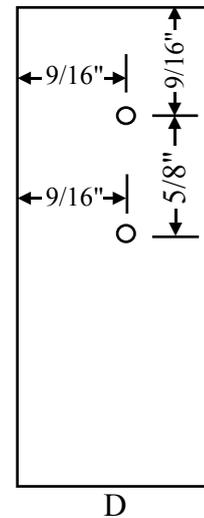
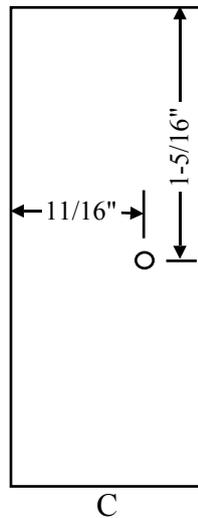


This 1/8" grid may help to mark the grooves.

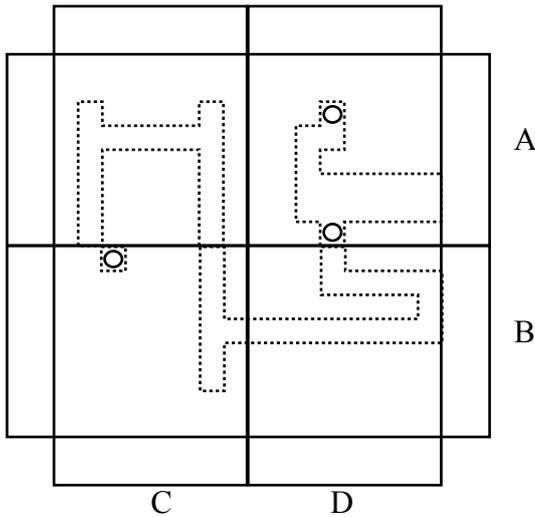
When the two lower blocks are held together, this is how the grooves should look:



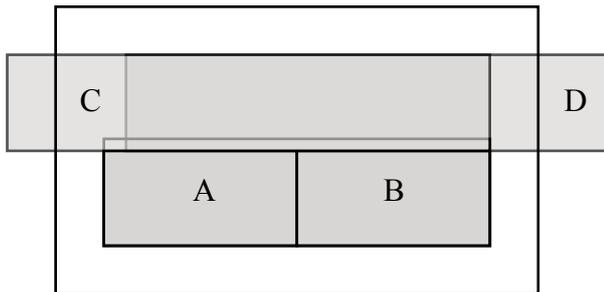
The top blocks pins are made from small brass screws, with the heads cut off. The shank of the screws should be just under 1/8" diameter. They should just stick out enough to run along the grooves in the lower blocks.



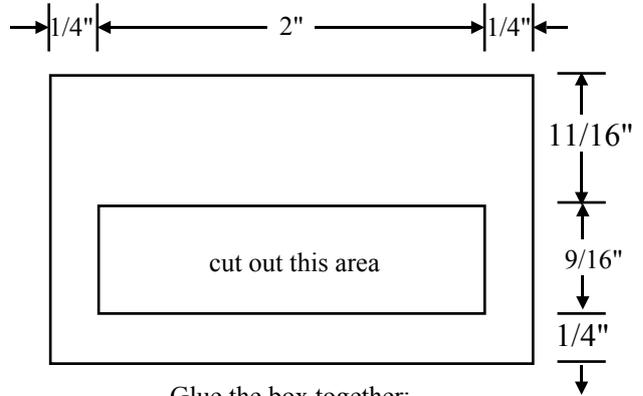
Turn the two blocks over, and lay them onto the lower blocks. This is how the pins should fit into the grooves in the starting position:



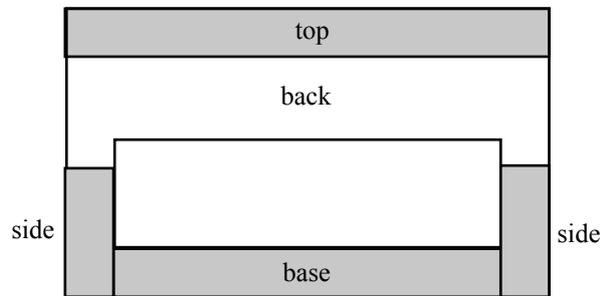
Blocks in place:



The box is made of 1/4" plywood.
 One piece at 2" x 2-1/2" for the top.
 One piece at 2" x 2" for the base.
 Two pieces at 2-1/2" x 1-1/2" for the front and back.
 Two pieces at 2" x 11/16" for the sides.
 Cut these holes in the front and back pieces:



Glue the box together:



Then glue the front on.

Of course, putting the blocks in,
 is something else again...
 That's the point of the puzzle.
 If you get stuck, you can always
 download the solution!

Enjoy your puzzle!



I've taken every care in making these plans.
 However, if you find something wrong,
 please let me know, so that I can put it right.

These plans are free, if you intend to make this puzzle for yourself. You are **not** free to make this puzzle for sale, without my permission.

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Get more plans and solutions at **Homemade Puzzles.**

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