

Trinket Box

Kit Inventory

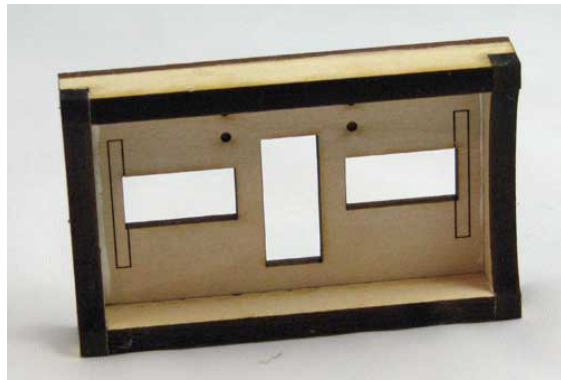
- Top Panel
- Bottom Panel
- Two (2) End and two (2) Side Box Pieces
- Two (2) End and two (2) Side Lid Pieces
- Right Latch Holder & Left Latch Holder
- Two (2) Lock Bar Guides
- Four (4) Lid Supports
- Right Inner Slider, Right Slider and
- Right Outer Slider
- Middle Inner Slider, Middle Slider and Middle Outer Slider
- Left Inner Slider, Left Slider and Left Outer Slider
- Two (2) crossbars for Middle Inner Slider (not labeled)
- Right Bar and Left Bar
- Top Inner Panel
- Two (2) Lock Panels
- Bag of Black (.280") alignment pegs (8+)
- Bag of Blue (.220") and Orange (.150") alignment pegs (4+ orange, 8+ blue)

Other Items Needed

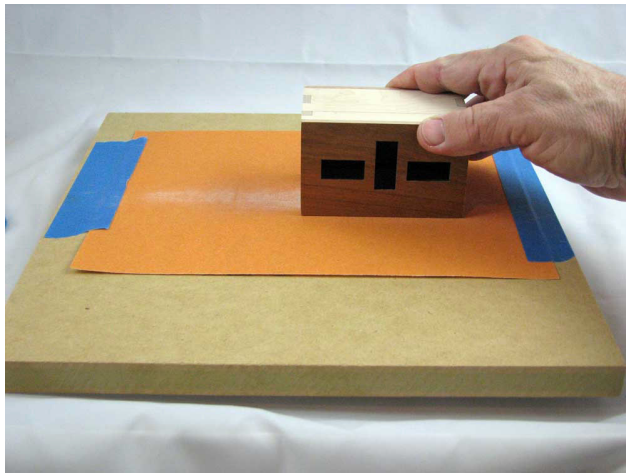
- Glue – I use a “craft” type tacky glue such as “Alenes Tacky Glue” which can be found at craft stores like Michael’s.
- Sandpaper - to smooth any rough edges and make parts slide easier.
- Wax/paraffin – also to make parts slide better.

Assemble Bottom Box and Lid

Start by gluing the front, left, back and right sides together. Put glue around the bottom edges of these parts and attach the bottom panel. Glue the four sides of the lid and then glue the top panel to this assembly. Clean up any glue squeeze out and then test fit the lid onto the base. Make sure they are aligned with each other. The photos below show how these assemblies should look.

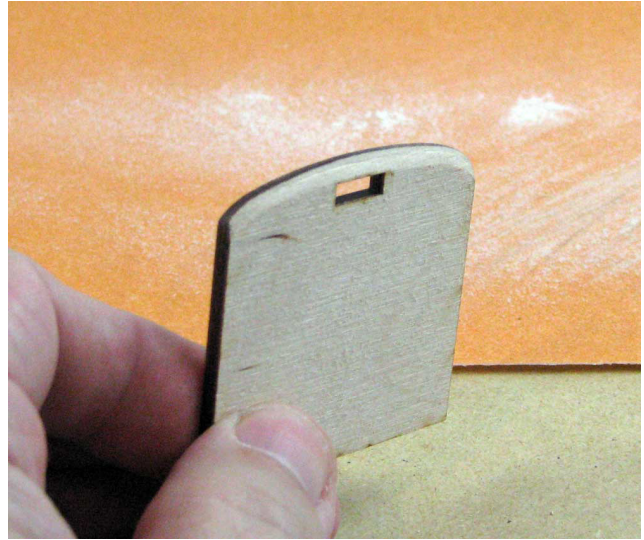
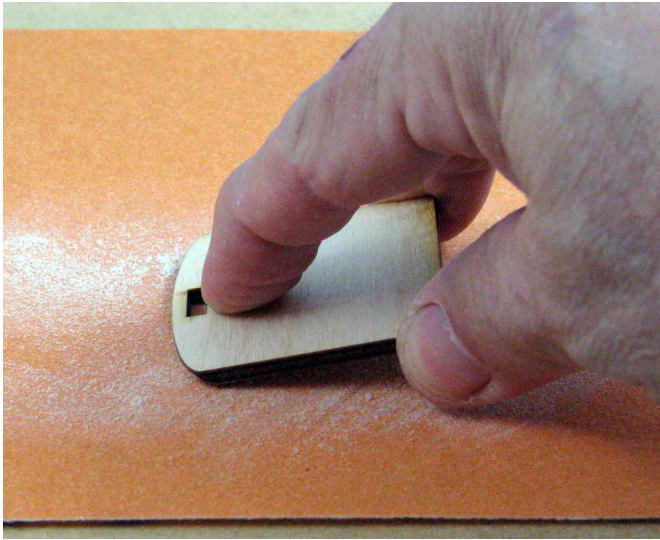


After the glue has dried sand the sides of the box and lid with 100 grit sandpaper. I lay the sandpaper sheet on a flat hard surface and then move the piece I am sanding over this (see photo below). I also have found that it is best to hold the lid and bottom together while sanding to make sure the outsides of the box/lid are flush with each other. After sanding the box and lid, it should look like the box below on the right.



Insert Lock Panels

Before putting the lock panels in, bevel the top edge of the panel as shown below to allow the lid to fit on the box easier. This can be done easily with the 100 grit sandpaper. At this point you can glue the lock panels inside the ends of the box. The bottom of the lock hole in the panel should be even with the top of the box side.

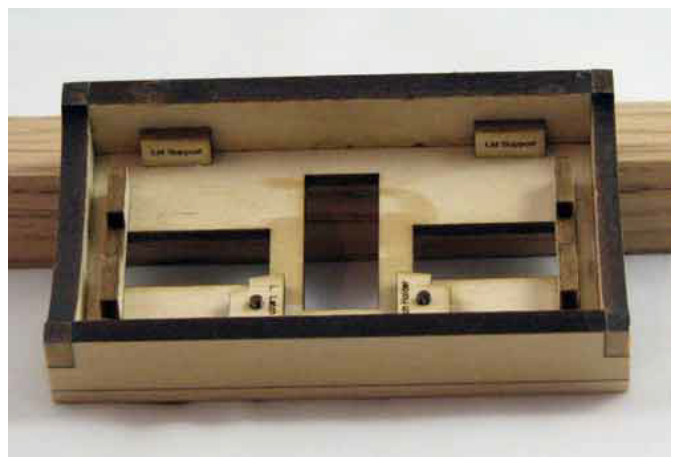
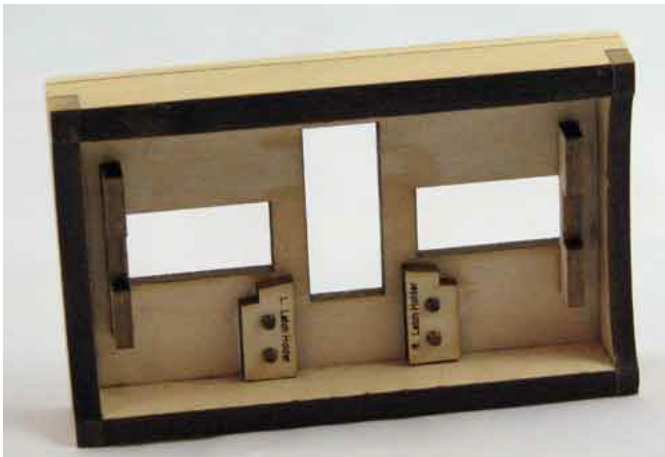


Apply Finish to Box and Lid

If you want to put finish on your box, now is the time to do it. I have used several light coats of spray lacquer on both the bare wood and wood that has had stain applied. You can also stain/finish the outer sliders (outside only) at this point.

Assemble Inner Lid (Part 1)

Use the orange (.150") pegs and push them into the two holes in each of the left and right latch holders. Glue these down to the inner lid with the pegs in the alignment holes on the inside of the top panel. Glue the two lock bar guides in the area outlined on the inner top (shown below). Using a piece of the 1/8" scrap make sure there is enough space between the lock bar guide and the lid end so the piece can easily be inserted and removed. Glue four lid support pieces to the lid sides as shown. The position of these is not critical as long as they do not extend into the area where the lock panel will be. The lid should now look like the photos below.



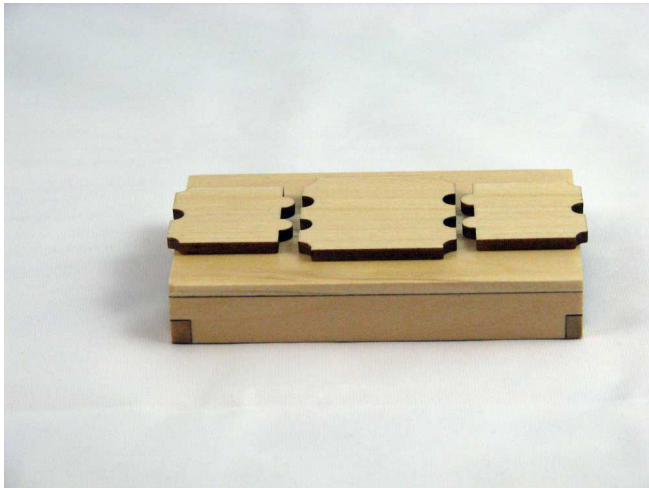
Assemble Sliders

Use the black (.280") pegs and press one through each of the alignment holes in the right inner slider (insert peg from side with writing). The pegs should be pushed through until they are flush with the face side of the inner slider. Put

some glue on the right slider piece (put glue on the side with writing) and press the piece onto the pegs that protrude through the right inner slider piece. Repeat these steps for the left slider and the middle slider. The peg should protrude slightly from the side that will be glued to the outer cover. The photo below shows how they should look.

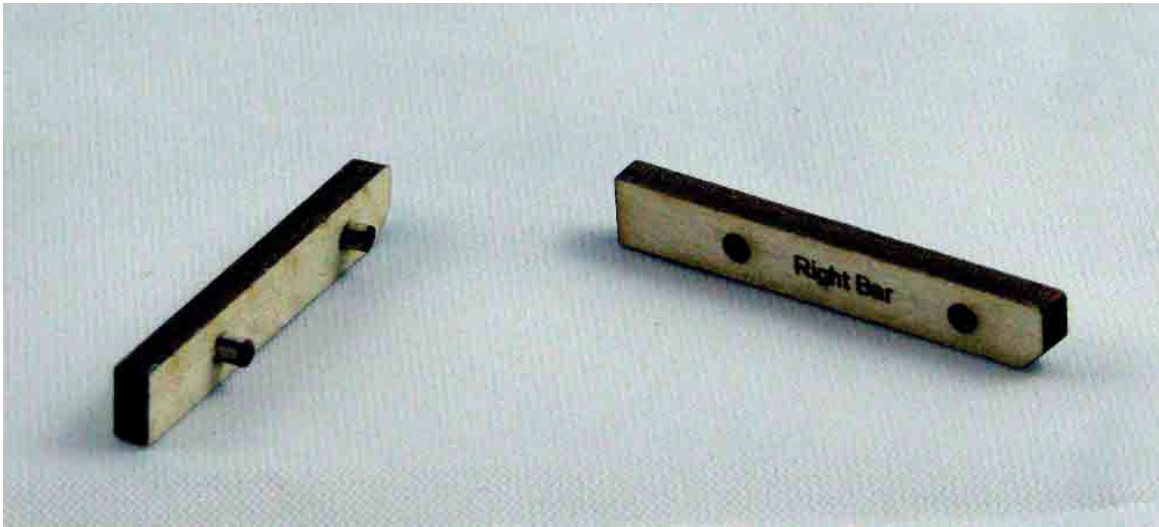


Take the middle slider assembly and using the blue (.220") pegs glue the two crossbar pieces to the face of the middle inner slider. After these pieces have dried, test fit them in the slots of the top panel and make sure they slide smoothly. If they are tight, then a couple of passes with 100 grit sandpaper on the sides of the slider pieces will help. You can temporarily press the outer slider pieces onto the slider assemblies to test fit all the sliders together. After all the sliders move smoothly then glue the outer sliders to the slider assemblies on the outer panel. The lid now looks like the photos below.



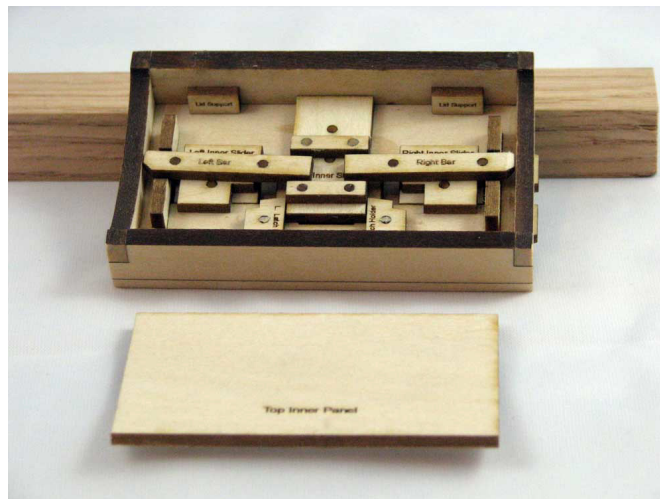
Assemble Lock Bars

Use four blue (.220") pegs and insert them through the face of the left and right lock bars until they are flush with the face as shown in the picture below. You can also bevel the face and back of the pointed end of the lock bar to make it easier to engage the slot in the lock panels.



Assemble Inner Lid (Part 2)

Place the lock bars in the inner lid as shown in the picture and temporarily insert the inner lid on the lid supports.



Test to make sure the locking mechanism is working by going through the opening and closing sequence and checking to see if the locking bars retract correctly. If the sliders bind when the inner top is on then you should use a paper/thin cardstock as a shim on top of the lid supports to keep the inner top from pressing on the sliders. Wax on the top of the crossbars of the middle slider and the lock bars will help. After everything works to your satisfaction, glue the inner top on and your box is finished.

