

CIWW March 2021 Toy of the Month

Toy: _____

Quantity: _____

Your Name: _____

Category: _____



"Heart Shaped Keepsake Box" Instructions

Remember: Your safety is your responsibility.

1. This project can be made from a piece of 2 X 6, 6 inches long. If you don't have any 2 X 6 material, gluing up two layers of $\frac{3}{4}$ " plywood is an option. Another option is to use two pieces of 2 X 4. In this case, you want to rip a bit off one edge of the 2 X 4 to remove the rounded corner.
2. You will also need some $\frac{1}{4}$ " or $\frac{3}{8}$ " material for the top and bottom.
3. The bottom of the box is glued or nailed on. The top pivots on a $\frac{7}{32}$ " axel. Your kit contains enough axels for 13 boxes.
4. Make 13 boxes. Keep the best one and take the other 12 to a monthly CIWW meeting in a box. Please label the box with the description of the toy, the quantity and your name.
5. Use the acrylic template from the meeting or make your own template from the drawing using a piece of hardboard or plywood. Then transfer the inside curves to your box material.
6. Cut the inside of the box on your band saw. If you're using plywood or 2 X 6, cut through the point at the bottom of the heart to remove the inside material. If you're using 2 X 4s, place the flat edges of the material together and trace the pattern. Then cut each half of the inside separately.
7. Sand the inside surfaces. I don't have a drum sander so I used a sanding drum that chucks up in my drill press.
8. If using 2 X 4s, you may want to glue the two halves together before cutting the outside curves.
9. Permanently attach the bottom piece with glue/brads and temporarily attach the top with a small amount of hot melt glue or double stick tape. Trace and cut the outside of the heart on the band saw or scroll saw.
10. Now drill the $\frac{7}{32}$ " hole for the pivot pin through the top and into the body.
11. Round sharp edges and sand the outside of the heart to remove the saw marks on all sides.

12. Remove the top that was temporarily attached and enlarge the hole to $\frac{1}{4}$ " to allow it to pivot smoothly.
13. Use a $\frac{7}{32}$ " axel to hold the top on being careful to only use glue in the main body.
14. If you used-plywood, consider filling any large voids that show on the outside edges.

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