



Shadywood Quilts

Iron Caddie



Parts List:

- 1 – ¾" x 5-½" x 48" Oak board (1x6x4)
 - 1 – Single-gang 110v, 20a receptacle
 - 1 – 14ga grounded extension cord
 - 4 – 1-½" hand-nailed brads
 - 2 – ½" wood screws
 - 2 – 2-½" drywall screws
- Brad nailing gun and brads

As every quilter knows, the quickest way to destroy an iron is to drop it, and they are forever falling off the ironing board. So we built this simple iron caddy to hold the iron securely when not in use. An added benefit is that it provides a built-in extension cord and place to attach a bicycle water bottle holder, to hold a squirt bottle.

Assembly Instructions

1. Cut the 1x6x4 oak board into the lengths shown on the drawing.
2. Use a compass to lay out a 1-½" radius half-circle in the top-center of the Back, and draw the tapered lines as shown on the plan.
3. Cut the tapers and then use a saber saw or band saw to cut the half-circle.
4. Drill and countersink the mounting screw holes in the Back, as shown on the plan.
5. Draw a line indicating the Top Shelf position on the Back, the Sides, and Front.
6. Drill a 3/8" hole for the cord through the Bottom, somewhere near the back, as shown in the plan. The position is not critical.
7. Drill a 1-3/8" hole in the Front for the receptacle, as shown on the plan.
8. Drill a 1" hole in the Front for the iron cord slot, as shown on the plan. Use a saber saw or band saw to complete the iron cord slot.
9. Refer to the pictures and use your router to put a ¼" round-over on all the non-glued edges. Also put a round-over on the 5-1/2" front-bottom edge of the Bottom.



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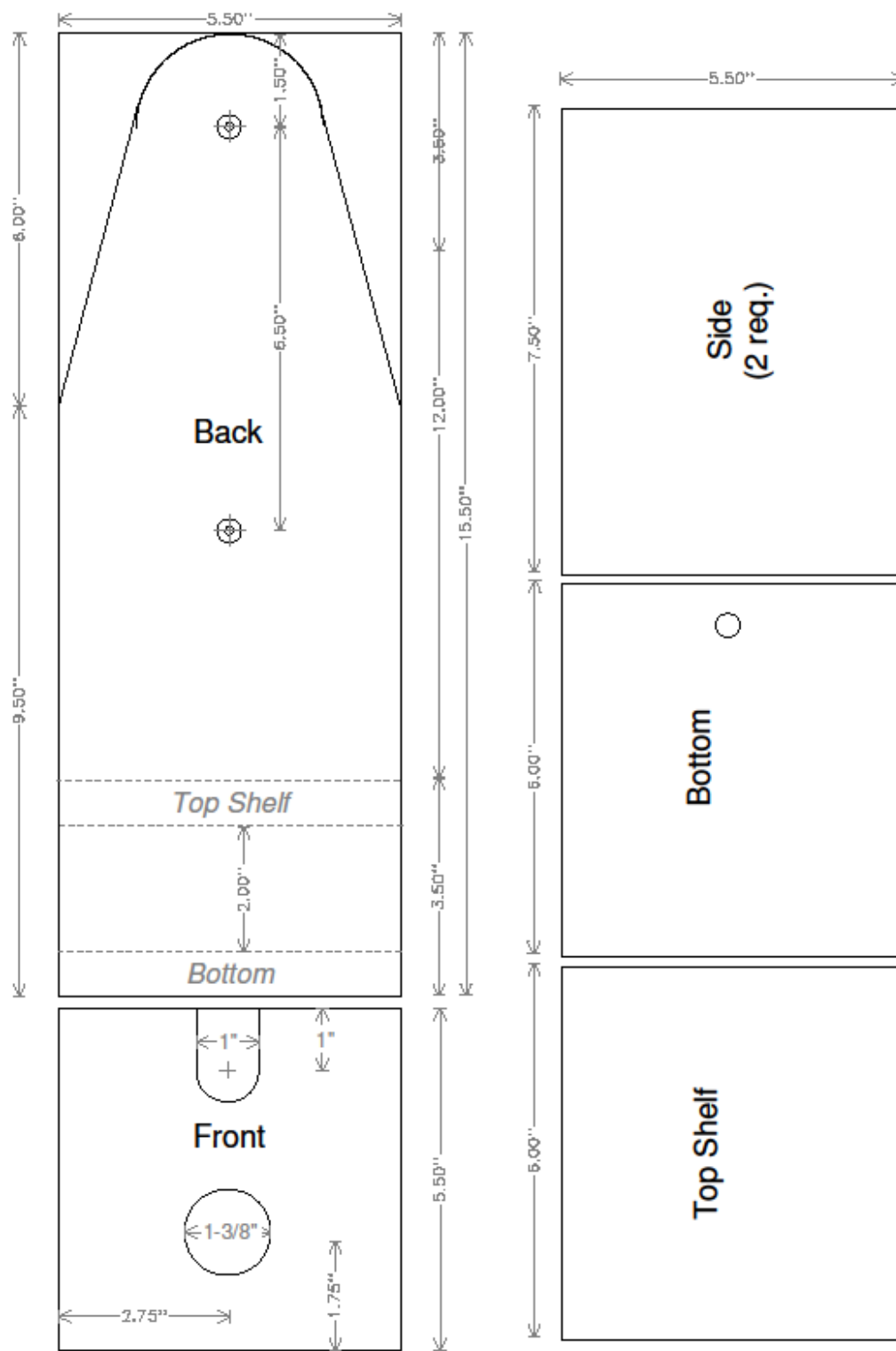
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10. Cut off the female end of the extension cord and insert the cord through the hole in the Bottom, making sure the rounded edge is down. Tie an overhand knot about 12" from the end, to provide strain relief.
11. Strip the outer insulation back about 3" and then strip the three wires back about 3/4". Wrap the green wire clockwise around the green screw on the receptacle and screw it down. Do the same with the white wire around the silver screw and the black wire around the brass screw.
12. Attach the receptacle horizontally to the Front, with two 1/2" wood screws.
13. Assemble the Side to the Back, with glue and a brad nail gun. Use the Top Shelf to hold it square while nailing.
14. Using the guideline, assemble the Top Shelf to the Back and Side, with glue and brads.
15. Assemble the Front to the assembly, with glue and brads.
16. Assemble the last Side to the assembly, with glue and brads.
17. The Bottom is not permanently attached, for service to the receptacle. Drill a 1/16" hole through the Sides at all four corners of the Bottom, to receive the hand-nailed brads that will secure the Bottom.
18. Attach the Bottom, with the rounded edge on the bottom-front down, and hand-nail a brad to each side near the front, through the holes you drilled in the previous step. This will create a hinge that will allow the Bottom to swing down for service. The round-over will provide enough relief to allow the bottom to pivot on the brads.
19. Do not drive the rear brads. Instead, drill the 1/16" holes 3/4" deeper, into the Bottom, to loosely receive two more hand-nailed brads.
20. Close the bottom and install two 1-1/2" hand-nailed brads in the drilled holes in the back. They should be loose enough to be shaken out or removed with a magnet, to open the bottom. Remove them for now.
21. Set all the brads and fill with wood filler.
22. Sand the entire assembly and finish as desired. We recommend stain and tung oil. Don't use polyurethane, as it will melt from the heat of the iron.
23. Clean out the holes for the last two hand-nailed brads used to secure the bottom, and install them.
24. Locate a stud in the wall near your ironing board, and hang the Iron Caddy at a comfortable height, using a couple of 2 1/2" drywall screws.
25. You can also buy a cheap bicycle water bottle mount and attach it to the side of the caddy, to hold your squirt bottle.



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