

NOTICE

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Notes: Read all directions before beginning

Dimensions are in millimeters unless otherwise specified.
Set all nails and countersink all screws

Directions

- Lay out your material as outlined in the suggested material layout (Fig 1). Draw out all parts exactly as illustrated in cutting diagram (Fig 2), including the letter designations, in pencil. Ensure to leave a small space between cut lines to allow for the width of the saw. Before cutting, double check all measurements to ensure they are correct. Always cut on the waste side of the line. The notches can be cut with either a jigsaw, or a hand saw and chisel. Dry fit all notches to ensure a snug fit before gluing and nailing. One end of each A and B is cut 90 degrees and 5 degrees respectively, one rounded 1 1/4" edge of the top edge of the piece. Cut a sample piece before cutting the long edge measurements one often. Cut a sample piece first and check the angles with a protractor before cutting the actual pieces. Lay out piece C and cut with a jigsaw as shown (Fig 3). Drill the hole with a 1/2" bit. Repeat for piece M. You can use a piece of string (or a length of cardboard) and a pencil as a compass to draw out the 6" and 1" radius lines. Drill the upper right hole (bracket) with a 1/2" bit and the lower left hole (bracket) with a 3/4" bit. Use the first piece M as a template to cut and drill the second piece M. Drill the holes in pieces P and K with a 1/2" bit and round the handle on P slightly with sandpaper.

- Countersink the hole in C with a 3/4" bit to a depth of 1/4" as shown (Fig 3) and insert the 4 bolt. Attach the lazy susan hardware 1 as shown (Illustration 1). Further attach A to W with the hardware and the string (Illustration 1). Attach the nuts and washers to the top of the unit upside down and lay on the threaded rod to achieve the correct spacing, glue the four pieces G to C as shown (Fig 6) and nail with 1" finishing nails. Glue the top edges of G and screw on pieces J with 2" #8 flathead screws. Using a 1/8" bit, pre-drill D with eight holes, four on each edge, 3/4" in from each edge, glue, and screw to piece A with #8 3" flathead screws. Glue and nail pieces H to D with 1" finishing nails, laying the rod between them to achieve spacing. Glue the top edges of H and screw on piece W with 2" #8 flathead screws. Turn the unit right side up so it rests on pieces J and W.

OTHER

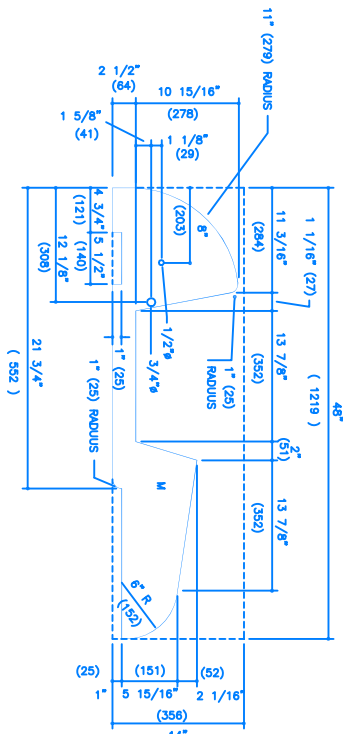
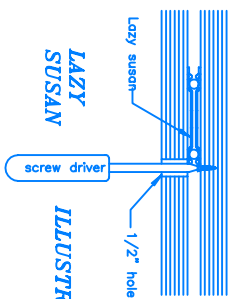


FIGURE 4

Mark location of lazy susan on top and bottom pieces, being sure lazy susan will have space to turn around. Fasten lazy susan somewhat and use a hole to locate the position for you to drill a 1/2" hole through the top piece. Now you can install the top rotating piece by inserting a screw up through the 1/2" hole when you have the lazy susan aligned with your previous marks.



LAZY SUSAN

ILLUSTRATION 1

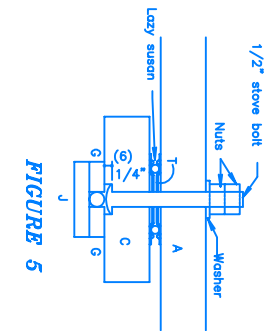


FIGURE 5

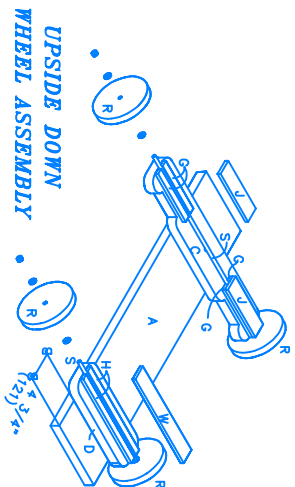
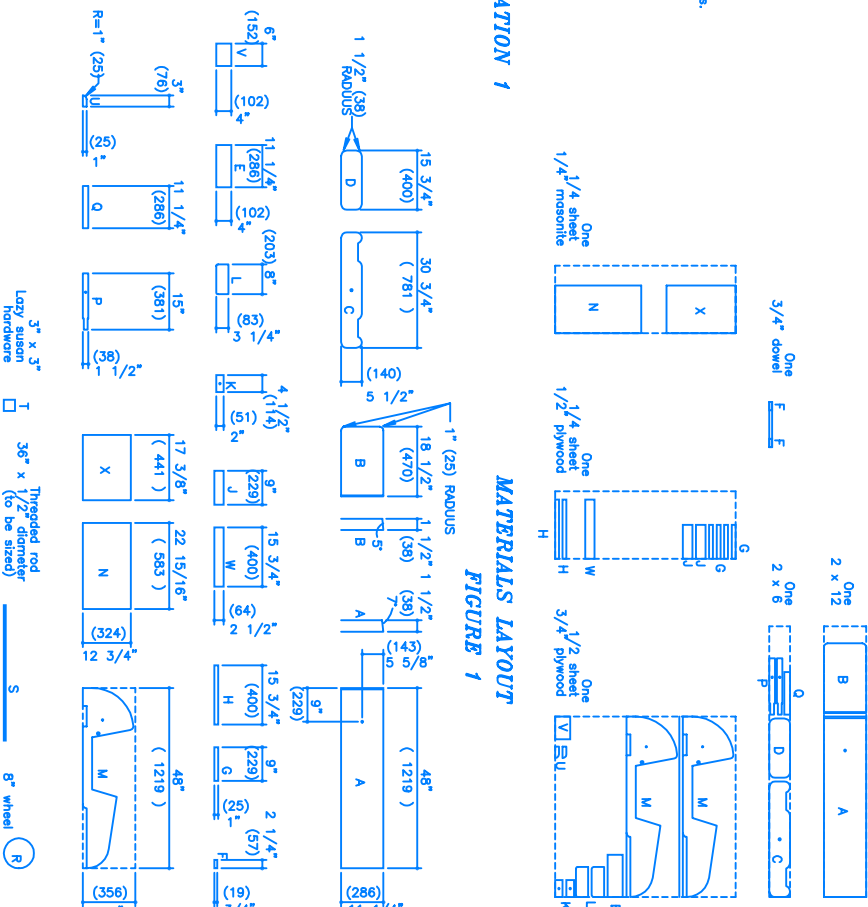


FIGURE 6

CUTTING DIAGRAM

FIGURE 2



MATERIALS LAYOUT

FIGURE 1

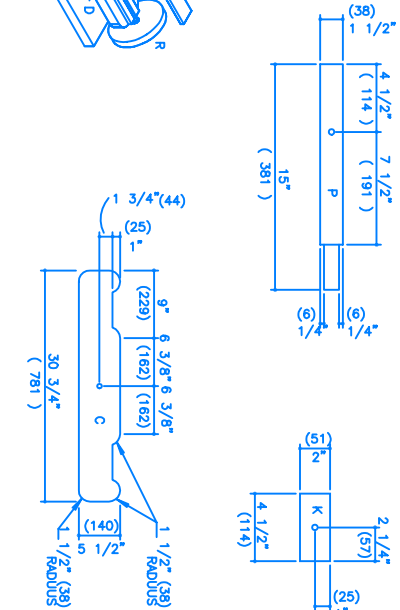


FIGURE 3

GO CART - Project #511

- MATERIALS LIST**
- One 6' 2x12 (1 1/2"x11 1/4")
 - One 6' 2x6 (1 1/2"x3 1/2")
 - One 4'x4' sheet 3/4" plywood, good both sides
 - One 2'x4' sheet 1/2" plywood, good both sides
 - One 2'x4' sheet 1/4" plywood
 - Four 8" diameter wheels
 - Two 36" lengths 1/2" threaded rod

- MATERIALS LIST**
- Sandpaper & Paint
 - 3" x 3" Lazy susan hardware
 - 36" x 1/2" diameter threaded rod (to be sized)
 - 8" wheel

- MATERIALS LIST**
- Approx. 1/2 lb. 2" common nails
 - Approx. 1/2 lb. 2 1/4" finishing nails
 - Approx. thirty 2 1/4" #8 flathead screws
 - Approx. eight 1/2" #8 1" finishing nails
 - Approx. 1/2 lb. 1 1/2" common nails
 - Approx. twenty five 1 1/4" #8 flathead screws