

- 2) Edge (at both the top and bottom of K, and the top of AA & J (illustration 3). Lay the S pieces on the underside of piece Y, pre-drill using a 1/16" bit, and glue and nail to pieces Y with 1 1/4" finishing nails, ensuring front piece S is flush with front of Y and rear S is 1/4" in from rear edge of Y. Repeat above procedure for the S&D bottom shelf assembly, pre-drilling, gluing and nailing with 1 1/4" nails. Pre-drill through the front piece S on the bottom of the shelf assembly with the 1/16" drill bit, glue the edge of D and the face of S, and nail on G with 1 1/4" finishing nails, the top edge of G flush with the top edge of D. Repeat this procedure with the top shelf assembly S&K, K being flush with J. Assemble the adjustable shelf EH by gluing and nailing through piece H with 1 1/4" finishing nails.
 - 3) Piece R is for the lazy Susan (piece T) feature of this project. To install, place T on the center of piece R and mark the location of all the holes. Attach the lazy Susan to the centre of the square mounted out on piece Y with the hardware provided. Drill a 1/2" hole through Y in the same radius as hardware screws. Place R on lazy Susan, line up the holes and screwing through Y, attach the lazy Susan to R.
 - 4) Pre-drill bit through the inside notched edges of pieces V with the 1/16" drill bit glue and nail to pieces U as shown (fig 5 & 6) with 1 1/4" finishing nails. Drill through U with 1/8" holes each so that front piece U may be attached to F. Slide and screw U into the front edge of F. Slide and screw U into the front edge of F, and the 19 5/8" side. Glue the front edge of F, and the ends of U and V, and nail J to F with 1 1/4" finishing nails, the top edge flush with F. Wipe off excess glue and set the shelf aside.
 - 5) Assemble pieces M and N in a square as shown (fig 7) and glue and nail to N with 1 1/4" finishing nails. Glue and nail on bottom piece P with 3/4" finishing nails. Pre-drill through the front N with four 1/8" holes to attach L. Top and sides of L should be edge taped. Countersink on the inside. Glue and screw N to L with four 1 1/4" 8 flushwood screws, ensuring L is centred on N and the bottom edge of L flush with the bottom edge of P. Wipe off excess glue, and secure the drawers D, S, and set the drawers in place. Glue and screw each side of the drawers D, S, and set the drawers in place. Glue and screw each side. Make sure pieces G is 1/2" back from the front edge of B. Similarly attach top assembly T&KR to the sides as well. Make sure there is sufficient room to attach piece AA, keeping AA flush with the top edges of pieces B and flush with the back edges. AA can be glued and nailed in place at this time. Lay the sides, top and bottom assembly on it's face and glue and nail the back piece A in place in the 1/2" rabbet. This will allow you to square up the unit. Piece A should be flush with the underside of the bottom side of the base and tight against the bottom of piece AA. It is a good idea to glue and nail A to the rear pieces S, as well as to the sides B. Set assembly aside to let the glue set for at least one hour.
 - 7) Lay the unit on it's side. Glue and tack X to D with 1 1/4" pre-drill the center of each X. Place the casters on X and mark, and pre-drill the mounting hardware holes. Screw casters on X and D with sixteen 1 1/4" #8 fitted screws (fig 9). Stand the unit upright. Place the VCR drawer in the unit and, using the side mount drawer hardware, mount the drawer with piece L, 1/8" below J, following the directions on the hardware. Install the drawer pulls on J and L, you may have to countersink into N to mount the drawer pull if the hardware is not long enough. Cut piano hinge to 16 5/8" and screw one hinge to the side of each Q. Test fit doors, then edge tape and install using hinge hardware.
 - 8) Sand the unit after you apply the edge tape to B (illustration 3). Stain and varnish project, or oil.
- On materials:**
- We recommend oak, or mahogany, although lesser grades could be used. The 1 x 4 should be totally free from knots.

