



Cat. No. DW6900 Router Table and Accessory Kit Instructions For use with DeWalt DW614 and DW615 Plunge Routers.

TURN OFF AND UNPLUG ROUTER

The router accessory kit consists of a bench top work station that enables you to perform many operations with greater convenience and accuracy than would be otherwise possible. The work table can be mounted vertically on legs, or not mounted at all and used as any portable router with the advantage of an extra large base and fence.

To assemble the accessory kit work station, follow the steps listed below. **NOTE:** For the purpose of this discussion we will assemble all of the parts. There will be certain operations you will perform where all of the parts are not necessary.

1. Select, from the carton, the work table top, the four legs and the small plastic bag that contains assorted hardware. Insert the ends of the legs with the threaded holes into the corner holes in the table top, as shown in Figure 1. Using the four machine screws from the plastic bag, secure all legs to the table top.
2. Select the two fence bars, shown in Figure 2, and remove the knobs and flat washers. Insert the two bars down through the table top in the holes indicated in Figure 2, and install the flat washers and knobs on the bars from the underside of the table.
3. Select the side fence from the carton and loosen the clamp on the back of it. Install it on the table top by slipping it down over the fence bars and tightening the clamp on the back of the fence, as shown in Figure 3.

FIG. 2

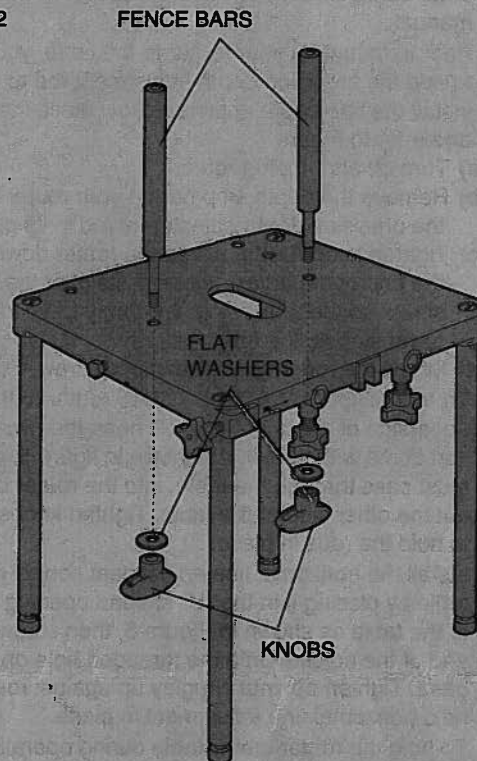


FIG. 1

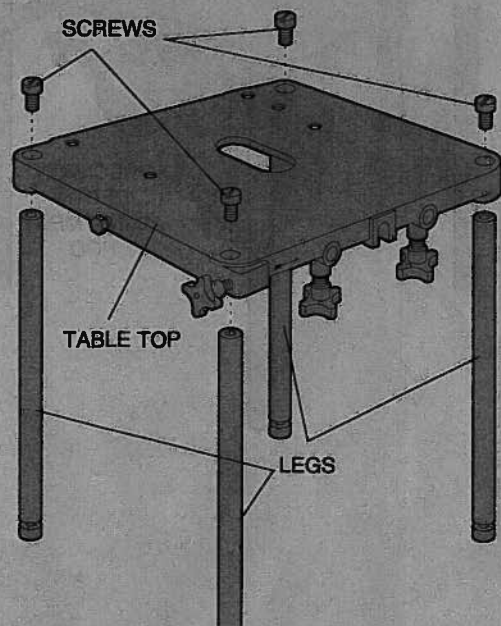
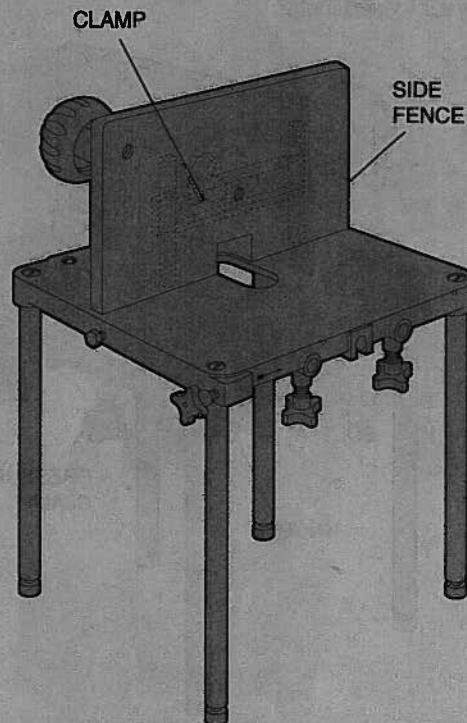


FIG. 3



4. Loosen bolt "A" and remove knob "B", as shown in Figure 4. Install the pressure clamp on the table top by slipping it over the loosened bolt "A" and installing the knob "B". Always tighten both the bolt and the knob when using this clamp on a workpiece.
5. At this point, your work station is complete for use as a router table. You can also use your table in several other configurations which we discuss further on in this manual.
6. Prior to mounting your router to the table, you may want to add the precision depth adjustment rod to it. To install the fine depth adjuster follow these instructions and refer to Figure 7.
 - a) Turn off and unplug router
 - b) Remove the depth stop bar on your router and install the precision depth adjustment rod in its place.
 - c) Tighten knob A and plunge the router down so that the end of the adjustment rod fits over the headless screw on the turret stop. (you may have to rotate the turret stop to line these up)
 - d) Screw the rod onto the headless screw.
7. To mount your DW614 or DW615 router to the underside of the table, you will need the two fence rods that come with the kit. As shown in figure 5, each rod must pass through the table, into the router base, and out the other side of the table. Tighten knobs A and B to hold the rods in place.
8. Install the horizontal fine adjustment control on the table by placing it in the "U" shaped opening on the side of the table as shown in Figure 6, then screwing the end of the adjuster into the threaded hole on the router base. Tighten hex nut snugly up against router base to hold horizontal fine adjustment in place.
9. To hold the router table stable during operation, screw the table legs down onto a piece of plywood using the four leg clamps, as shown in Figure 5. Once you have secured the table to the plywood, you can clamp it to your work bench.

FIG. 4

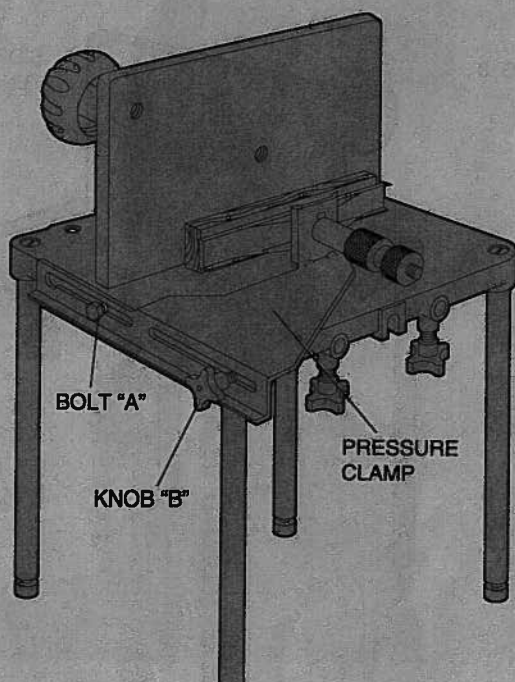


FIG. 5

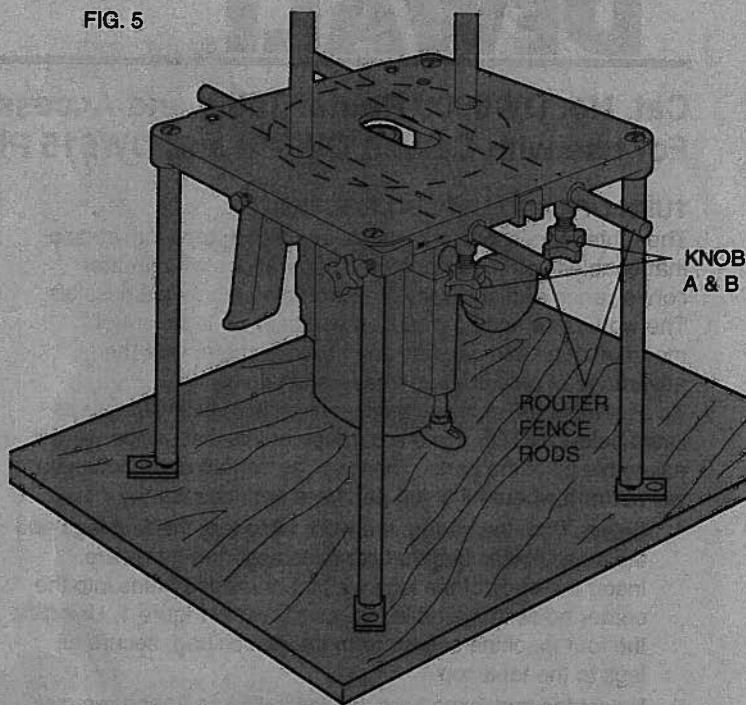
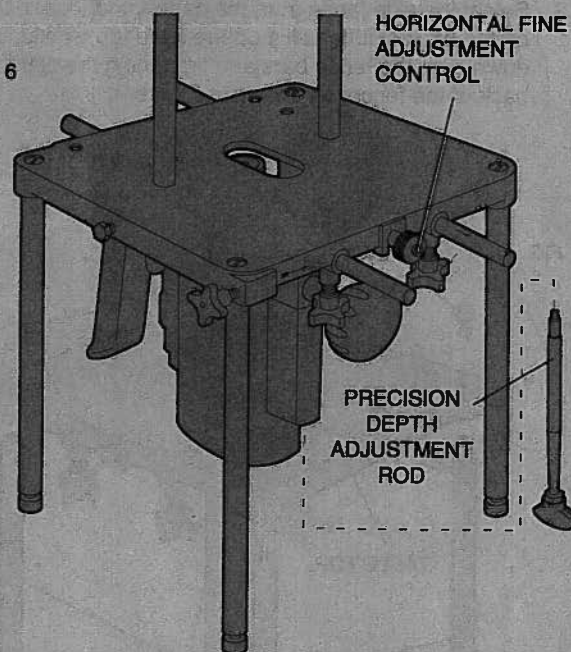


FIG. 6



OPTIONAL SET-UPS

1. The spring loaded pressure clamp is shown mounted to the vertical fence in Figure 8. This allows for positive support and guidance directly above the router bit which assures a clean cut.
2. In Figure 9, the table legs have been removed to allow the table top and vertical fence to act as a large right angle base. This is ideal for trimming, molding or rabbeting large surfaces which would be difficult to bring to the table.

FIG. 8

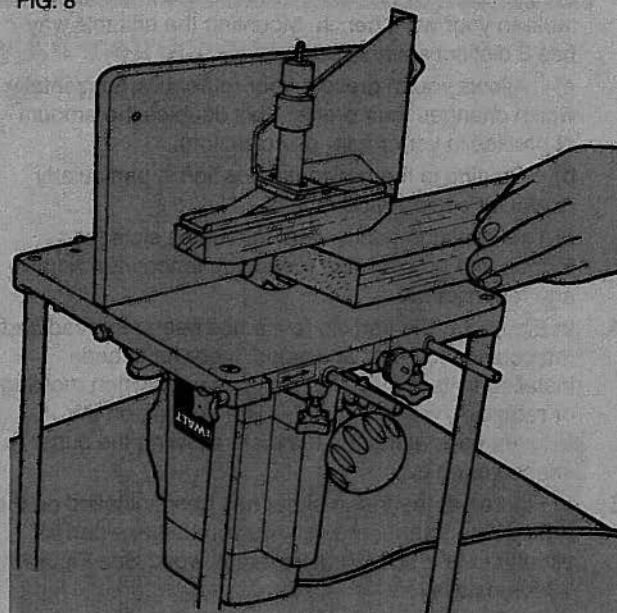


FIG. 7

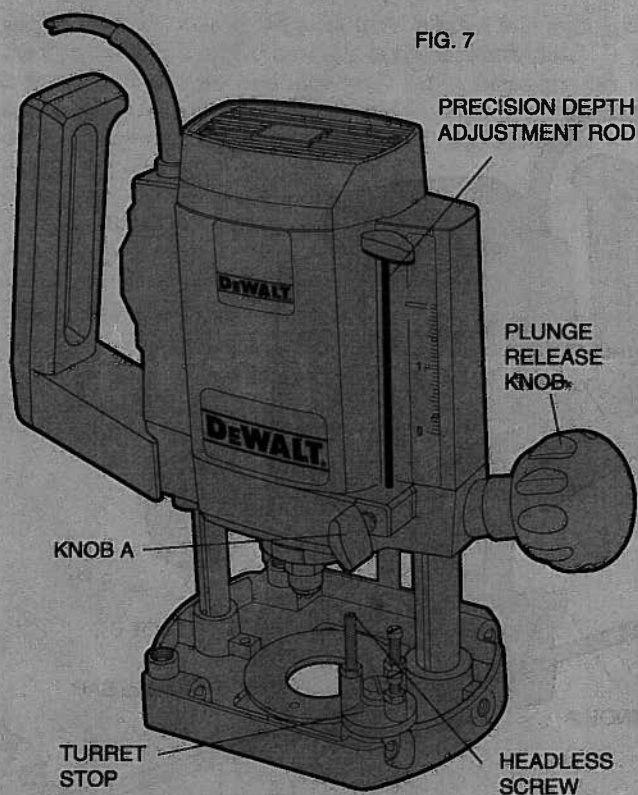
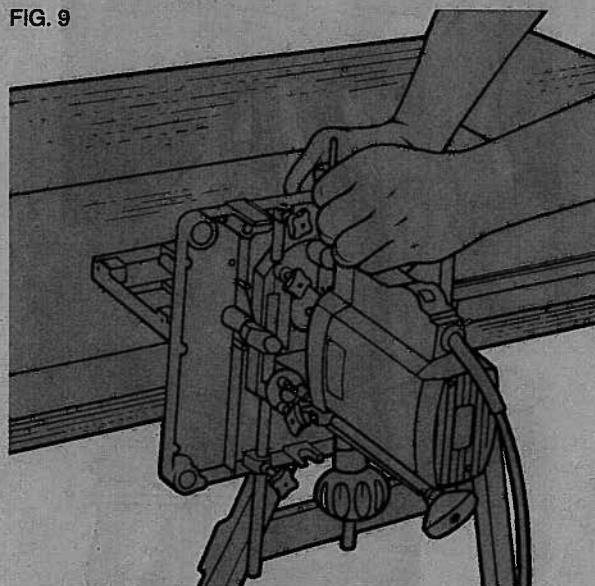


FIG. 9



3. In Figure 10, the table and router are shown mounted horizontally with the two "C" clamps used to secure the table to your work bench. Mounting the unit this way has 3 distinct advantages.
 - a) Allows you to present your router bits horizontally which changes their profile. (this doubles the amount of profiles in your router bit collection).
 - b) Routing in the horizontal position is particularly useful for cutting wide rabbits.
 - c) This configuration is ideal for cutting slots (i.e.: tongue and groove) and for cutting tenons for mortise and tenon joints.
4. In Figure 11, the verticle fence has been removed and the copying follower and wood finger have been installed in its place. This set up is used when molding or rabbitting with a template. The bearing on the follower rides along the template allowing the cutter to shape your piece.
5. In Figure 12, the trammel bar has been installed on the router. The trammel bar allows you to make perfect circular cuts and decorative radius work. See Figure 13 for installation.

FIG. 10

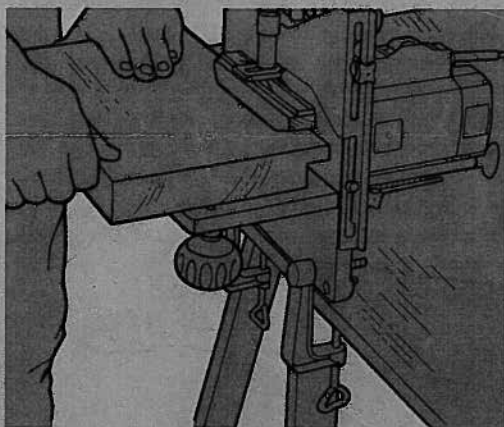


FIG. 11

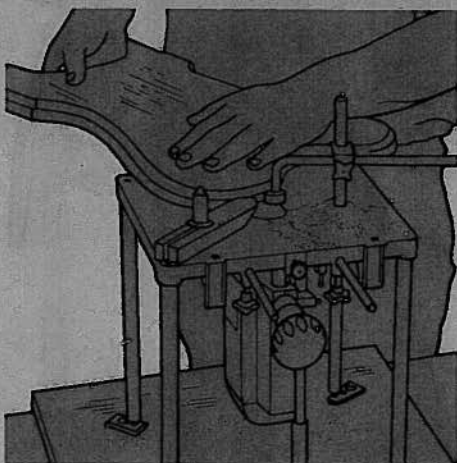


FIG. 12

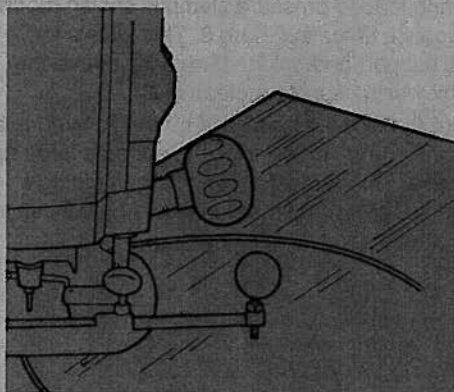


FIG. 13

