

Skill Activity 2

PARTS, ADJUSTMENTS, AND TOOLING

Completed	Procedure
□	1. Obtain a router from the Cabinet. Using Fig. 26-33 in <i>Modern Cabinetmaking</i> , or the drawing in the machine manual, locate these parts: on/off switch, motor unit, base unit, sub-base, depth adjustment ring, depth adjustment locking lever, spindle, collet and collet nut, handles. Also locate in the cabinet, router edge guide, and template guide collars.
□	2. With the Router Bit Chart as a guide, locate the following router bits in the cabinet: 2-flute straight bit, round nose (core box) bit, cove cutting bit (with pilot), rounding over bit (with pilot), pilot panel bit, slotting cutters, decorative bits.
□	3. Remove the router motor from the base. (Ask for help if you have difficulty with this). Loosen the collet nut, and insert a 1/2" shank, 1/2" diameter straight bit. Tighten the collet nut, using the proper wrenches. Note: THE NUT ALWAYS TIGHTENS OPPOSITE THE DIRECTION OF SPINDLE ROTATION.
□	4. Carefully replace the motor in the router base, and set it for a 1/2" depth cut. Now reset it for 7/8" depth of cut.
□	5. Reverse the procedure in step 3, remove the bit and RETURN IT TO THE CABINET IMMEDIATELY TO PREVENT DAMAGE TO IT.
□	6. Practice installing and adjusting the edge guide on the router.
□	7. Practice installing the circular routing attachment, following the procedure shown on the instruction sheet.
□	8. With the motor locked in the base, but no bit installed, plug in the power cord, and practice switching the router on and off, noting the torque created when the router is switched on. It is important to have complete control of the router at all times.