

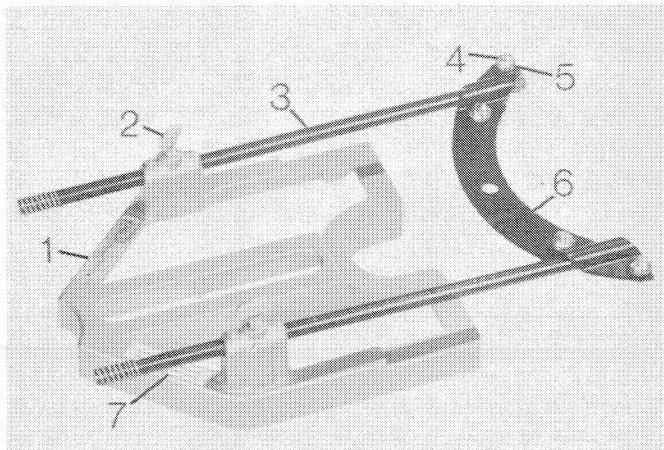


# **Black & Decker® INSTRUCTIONS**

## **NO. 76-230/52336 (TYPE 2) STRAIGHT & CIRCULAR GUIDE**

FOR USE ON CAT. NOS. 7610, 7620, 7640, 3310 AND 3330 ROUTERS

The STRAIGHT AND CIRCULAR GUIDE is the most popular device used with the Router. It enables the operator to make straight, curved or angular cuts with convenience and accuracy.



### **PARTS**

FIGURE 1

- 1 87588-02 Guide (Includes Nameplate)
- 2 73199 Thumb Screw (2)
- 3 90960 Guide Rod (2)
- 4 19317 #10-32 x 5/16 R.H.M. Screw (4)\*
- 5 417 #10 Lockwasher (4)\*
- 6 38806 Rod Clamp\*
- 7 87586-03 Nameplate

\*Not used on 7610 (Type 2) and 7620 (Type 2) Routers

### **ATTACHING & ADJUSTING**

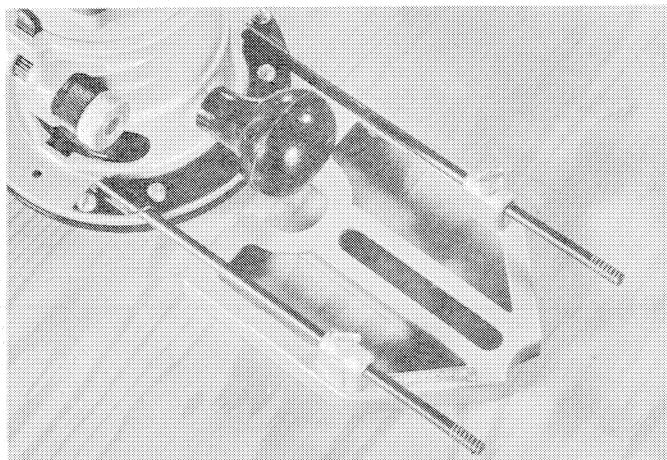


FIGURE 2A

#### **ON 7610 (TYPE 1), 7620 (TYPE 1), 7640, 3310 AND 3330 ROUTERS:**

Attach Guide Rods as illustrated in Fig. 2A, with four screws through the rod clamp, firmly tightened to the Router base. Slide the Guide onto the Rods as shown. With the thumb screws loose, the Guide slides on the Rods to regulate the distance from the edge of the work to the Router Bit. Tighten thumb screws to hold in position.

### **ATTACHING & ADJUSTING (continued)**

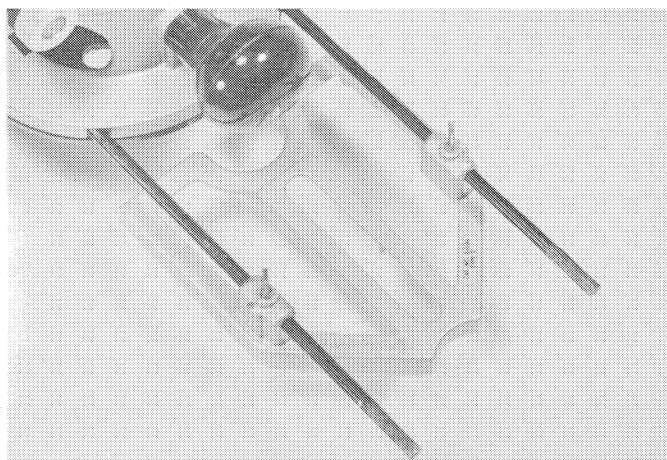


FIGURE 2B

#### **ON 7610 (TYPE 2) AND 7620 (TYPE 2) ROUTERS:**

Attach Guide Rods as illustrated in Fig. 2B by tightening the threaded ends of the Rods firmly into the Router Base. Slide the Guide onto the Rods as shown. With the thumb screws loose, the Guide slides on the Rods to regulate the distance from the edge of the work to the Router Bit. Tighten thumb screws to hold in position.

### **MAKING STRAIGHT CUTS**

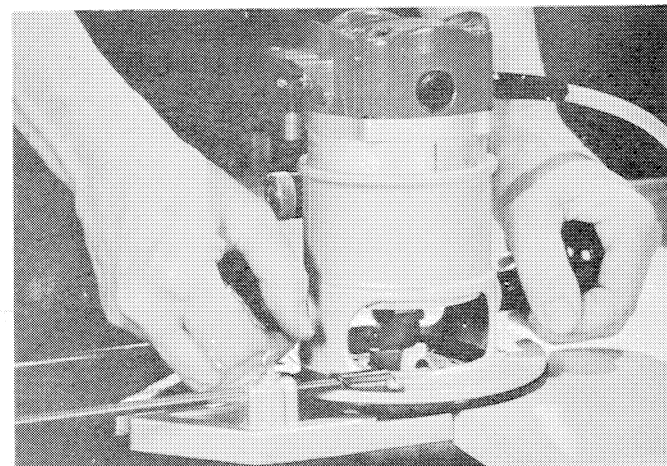


FIGURE 3

When routing along the edge, or parallel to the edge, of straight pieces, hold Guide against the straight edge of the work as the Router is fed along cutting line as in Fig. 3.

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## MAKING CURVED CUTS

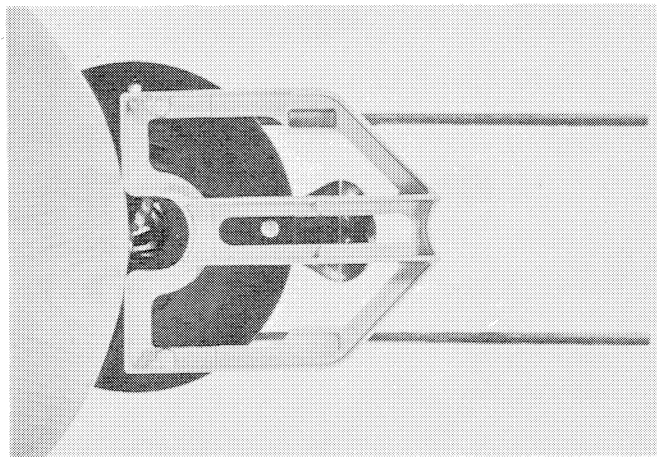


FIGURE 4

To accurately guide the Router along curved or angular edges, use two points of contact against the edge of the material. Fig. 4 illustrates this operating position to put a decorative edge around a circular tabletop.

## MEASURING

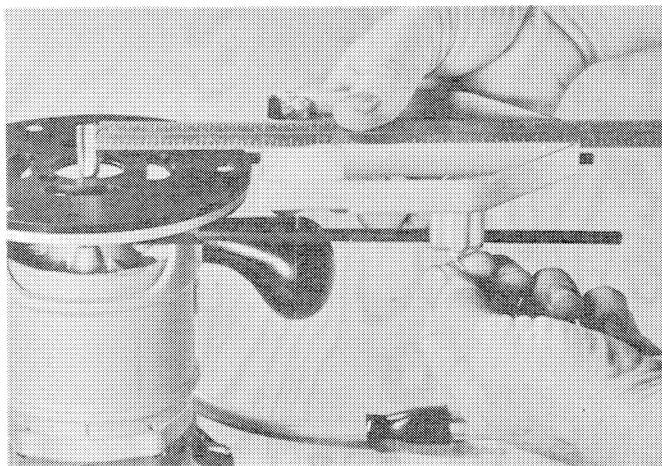


FIGURE 6

For added accuracy, this B&D Router Guide features a slotted recess along its bottom that permits the insertion of a rule or scale for use in adjusting the edge of the guide in perfect relation to the cutting edge of the bit. Fig. 6 shows how this measurement is made.

## MAKING INSIDE CUTS

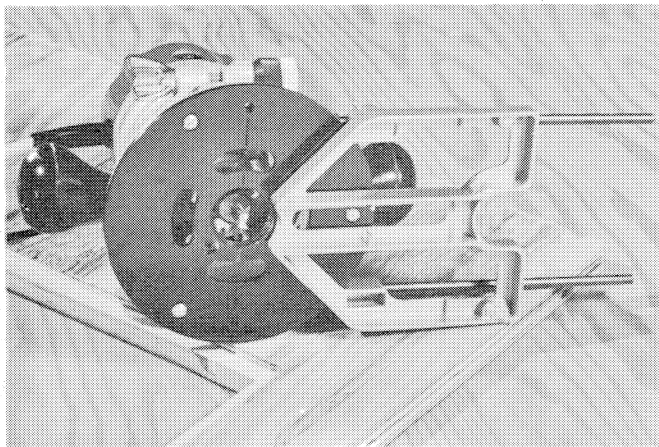


FIGURE 5

To rout along inside edges such as rabbeting for screens, the Straight and Circular Guide is attached in the reverse position as illustrated in Fig. 5.

## ADDING STRAIGHT-EDGE LENGTH

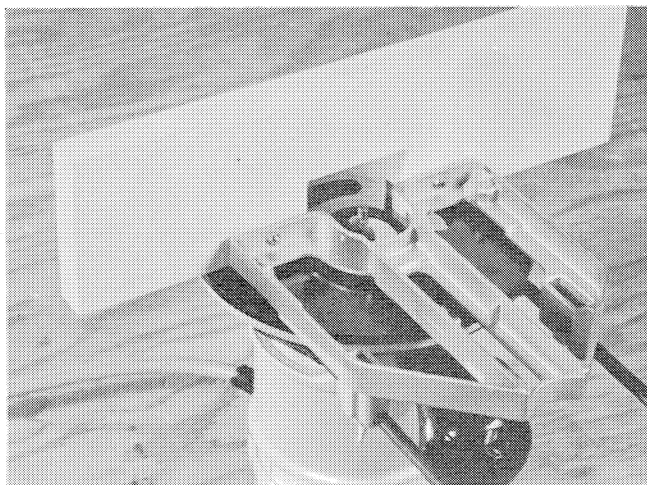


FIGURE 7

There are times when the length of the guide may be insufficient to give the Router ample support. When such is the case a piece of smooth lumber, about 8"-10" long and 2"-3" wide, may be attached to the front end of guide as in Fig. 7, using two wood screws. Two holes must be drilled in the straight edge for this purpose.

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