

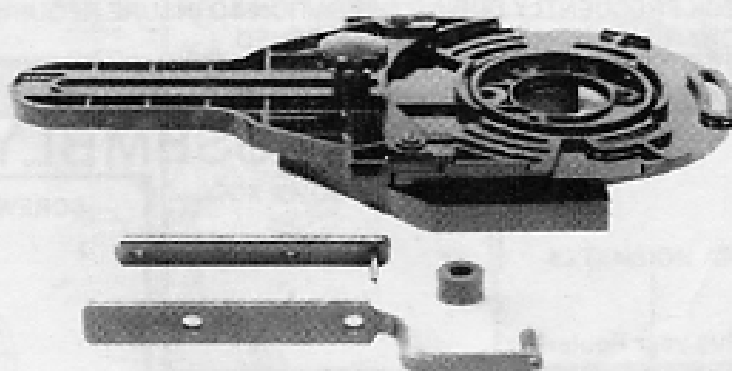
SEARS

**OWNERS
MANUAL**

**CATALOG NO.
25179**

CAUTION:
Read Rules for
Safe Operation
and Instructions
Carefully

**SAVE THIS
MANUAL FOR
FUTURE REFERENCE**



CRAFTSMAN

MULTIPURPOSE ROUTER GUIDE

FOR USE WITH CRAFTSMAN ROUTERS

**Assembly
Operation**

Designed exclusively for and sold only by
SEARS, ROEBUCK AND CO., Dept. 698/731A, Sears Tower, Chicago, IL 60684

RULES FOR SAFE OPERATION

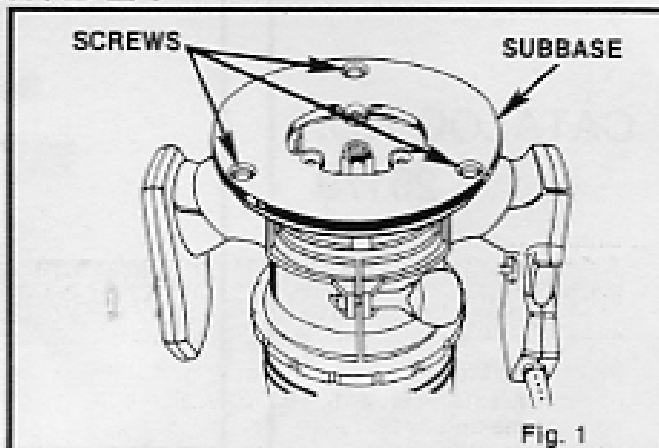
1. **⚠ WARNING: FOR YOUR SAFETY, ALWAYS WEAR IMPACT RESISTANT SAFETY GLASSES WHEN USING CRAFTSMAN MULTIPURPOSE ROUTER GUIDE.**
2. BE SURE ROUTER POWER CORD IS DISCONNECTED FROM POWER SUPPLY BEFORE ASSEMBLING, CHANGING CUTTERS, SERVICING OR CHANGING ATTACHMENTS, ETC.
3. BE SURE ALL ADJUSTMENTS ARE PROPERLY SET AND SECURELY FASTENED.
4. KEEP WORK AREA CLEAN, AS CLUTTERED AREAS AND BENCHES INVITE ACCIDENTS.
5. KEEP CHILDREN AWAY AND ALL VISITORS A SAFE DISTANCE FROM THE WORK AREA.
6. CHECK FREQUENTLY DURING OPERATION TO INSURE REQUIRED POSITION AND TO PREVENT HOLDING MECHANISM FROM BECOMING LOOSE.
7. **⚠ WARNING: BEFORE OPERATING YOUR POWER TOOL, THOROUGHLY READ, UNDERSTAND AND FOLLOW ALL INSTRUCTIONS, SAFETY RULES, ETC. CONTAINED IN YOUR OWNER'S MANUAL.**

ASSEMBLY

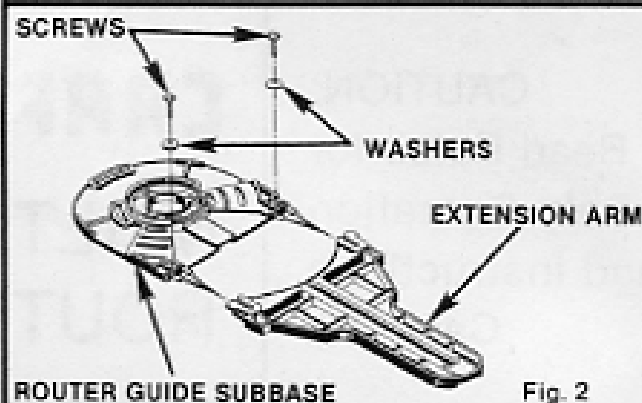
1. Unplug your Router.

⚠ WARNING: FAILURE TO UNPLUG YOUR ROUTER COULD RESULT IN ACCIDENTAL STARTING CAUSING SERIOUS INJURY.

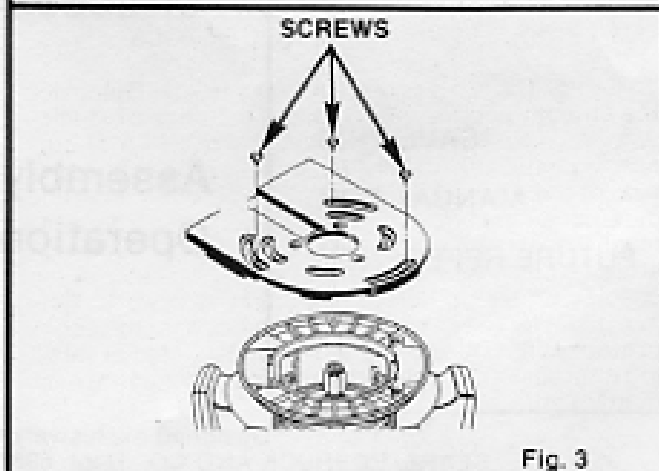
2. Remove Router subbase by removing screws securing subbase to Router. See Fig. 1. **NOTE:** On Cat. No. 1735 the two (2) screws and two (2) washers under the handles must also be removed.



3. Remove extension arm from Router Guide subbase by removing two (2) securing screws with washers. See Fig. 2.



4. Assemble Router Guide subbase to Router by using the screws that were used to hold your Router subbase secure. See Fig. 3. **NOTE:** The straight side of the Router Guide subbase must be facing the front of the Router.



NOTE: Your Router Guide subbase may be used in place of your Router subbase in all jobs. This will eliminate the need to assemble the Router Guide subbase before each use. When the need arises to use your Router Guide the extension arm must be reassembled. To assemble the extension arm:

1. Slide extension arm into slots in Router Guide subbase. See Fig. 2.
2. Secure extension arm using the two (2) screws with washers.

OPERATION

ANGLE BASE

The Angle Base attachment of your Multi-purpose Router Guide allows you to make the following cuts.

1. Cuts parallel to the edge of stock.
2. Edge trimming cuts
3. Inside corner cuts.
4. Shaping edges or veining and grooving along contoured surfaces.

TO ASSEMBLE ANGLE BASE:

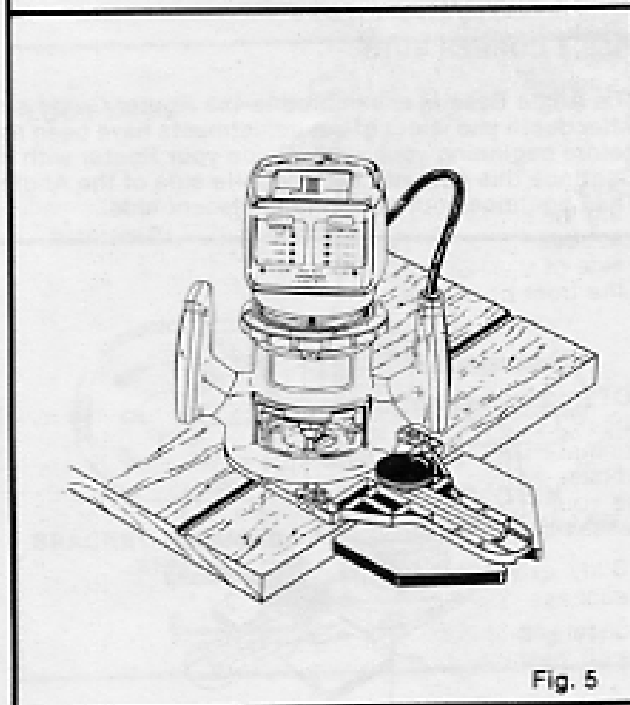
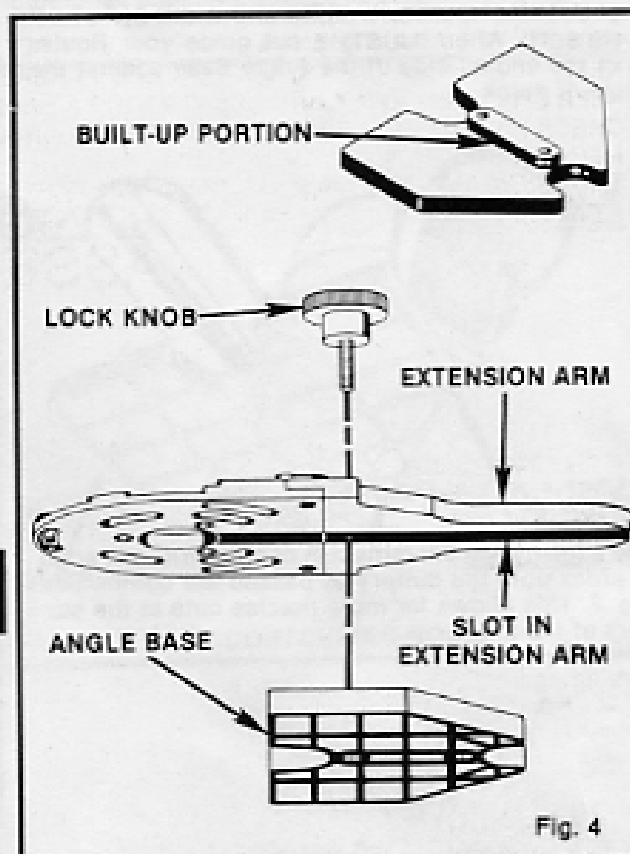
1. Unplug your Router.

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2. See Fig. 4. Place "built-up portion" of Angle Base in slot in extension arm. **NOTE:** Which type cut you are making determines the side of the Angle Base facing the cutter.
3. Secure Angle Base with lock knob.
4. Make necessary depth of cut adjustment.
5. Make necessary width of cut adjustment by sliding Angle Base closer or farther away from cutter depending on the type of cut.
6. Tighten lock knob.

CUTS PARALLEL TO THE EDGE OF STOCK

The Angle Base is assembled to the Router Guide so the straight edge side will follow the edge of stock. See Fig. 5. Make necessary depth and width of cut adjustments. **NOTE:** The distance the straight edge side of the Angle Base is positioned from the cutter determines the line of cut. The guiding edge of stock must be straight in order to make the required straight cut. Make a trial cut in scrap material to check your set-up before beginning your work. The maximum length this cut can be made from the edge of stock is 6". This covers the practical range of veining or grooving for inlaying and most common types of marquetry.



EDGE TRIMMING CUTS

The Angle Base is assembled to the Router Guide so the angled side will follow the edge of stock. See Fig. 6. Make necessary depth and width of cut adjustments. When making a cut, guide your Router with the angled side of the Angle Base against the edge of stock.

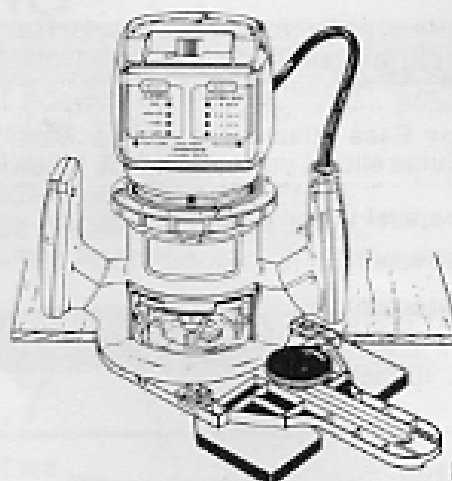


Fig. 6

The angled side will remain in contact with the edge of stock until the cutter has passed the corner. See Fig. 7. This allows for more precise cuts at the corners of the stock.

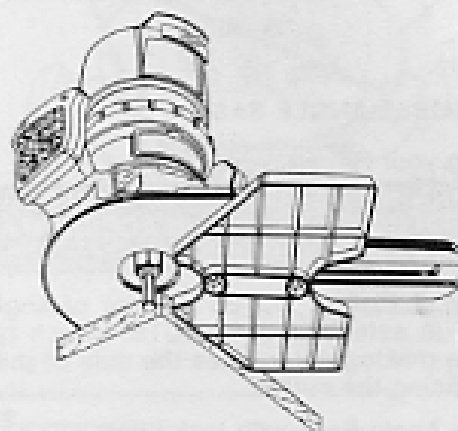


Fig. 7

INSIDE CORNER CUTS

The Angle Base is assembled to the Router Guide so the angled side will follow the edge of stock. See Fig. 8. After depth and width of cut adjustments have been made, make a trial cut on scrap material to check your set-up before beginning your work. Guide your Router with the angled side of the Angle Base along the edge of stock. Continue this cut until the opposite side of the Angle Base touches the adjacent side of the corner. See Fig. 9. Then continue your cut up the adjacent side.

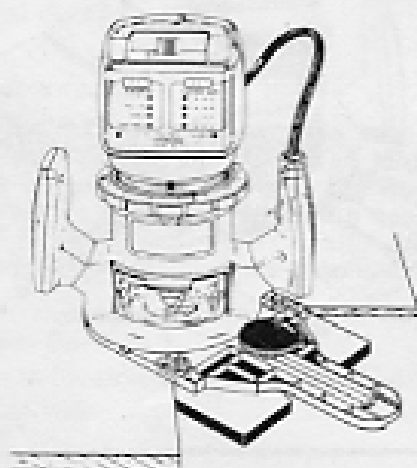


Fig. 8

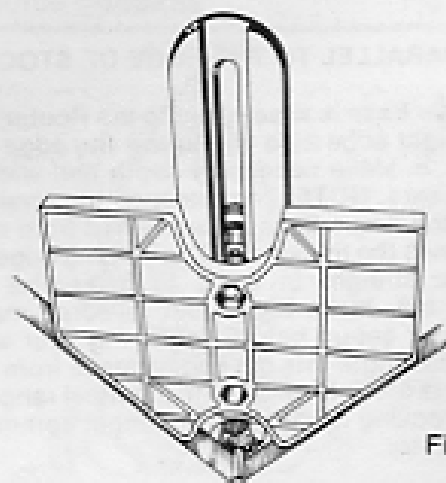
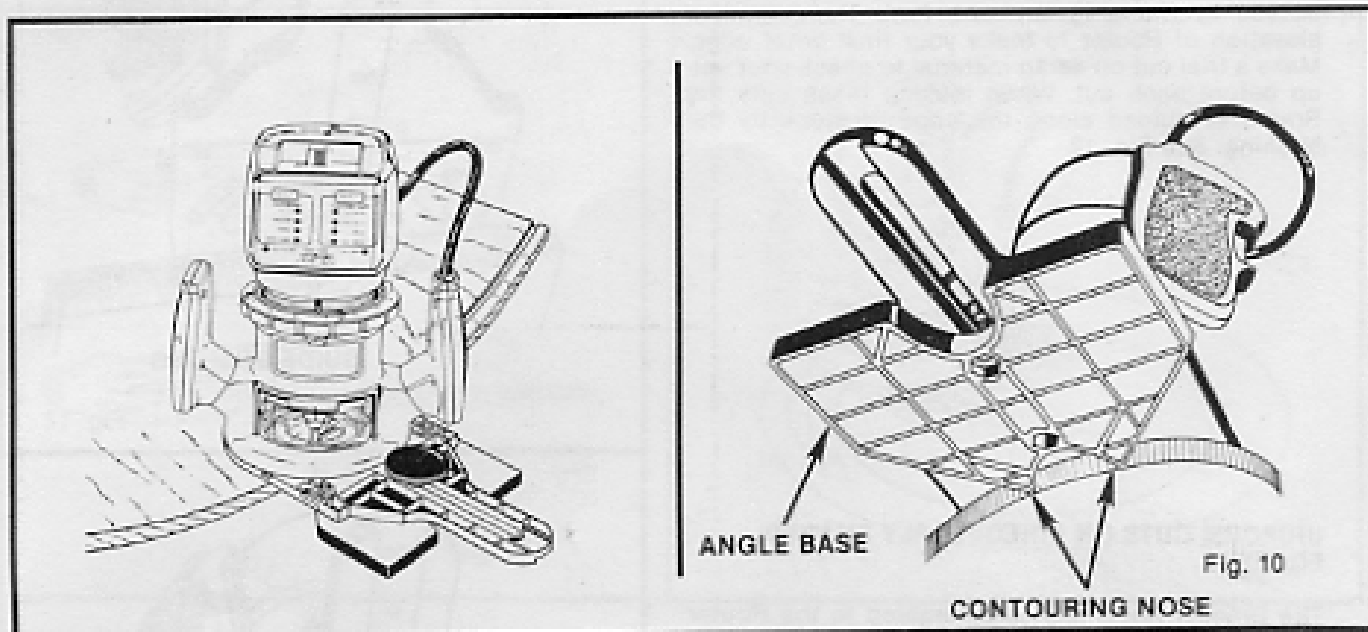


Fig. 9

SHAPING EDGES OR VEINING AND GROOVING ALONG CONTOURED SURFACES.

The Angle Base is assembled to the Router Guide with the contouring nose facing the cutter. See Fig. 10. Make necessary depth and width of cut adjustments. **NOTE:** The distance the contouring nose is positioned from the cutter determines your line of cut. Make a trial cut in scrap material to check your set-up before beginning your work. Guide your Router with the contouring nose of the Angle Base against the edge of stock.



BRACKET ASSEMBLY

The Bracket Assembly attachment allows you to make the following cuts:

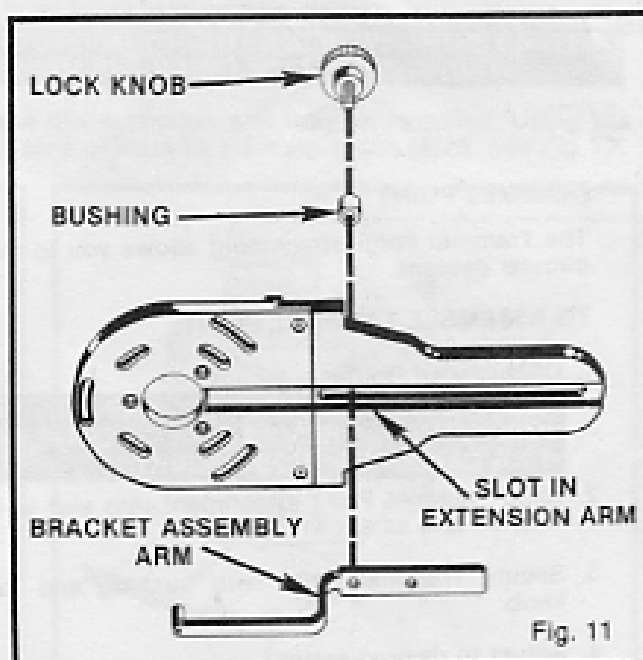
1. trimming and beveling laminates
2. uniform cuts on irregularly shaped edges

TO ASSEMBLE BRACKET ASSEMBLY

1. Unplug your Router.

⚠ WARNING: FAILURE TO UNPLUG YOUR ROUTER COULD RESULT IN ACCIDENTAL STARTING CAUSING SERIOUS INJURY.

2. See Fig. 11. Place bracket assembly arm into slot in extension arm.
3. Secure with bushing and lock knob. See Fig. 11.
4. Adjust to desired setting.
5. Tighten lock knob.



TRIMMING AND BEVELING LAMINATES

The Bracket Assembly is assembled to the Router Guide so the guide bushing is facing the cutter. See Fig. 12. Make necessary depth and width of cut adjustments. Adjust elevation of Router to remove the excess overhanging laminate first. Then readjust elevation of Router to make your final bevel edge. Make a trial cut on scrap material to check your set-up before each cut. When making these cuts the Router is guided along the edge of stock by the bushing. See Fig. 12.

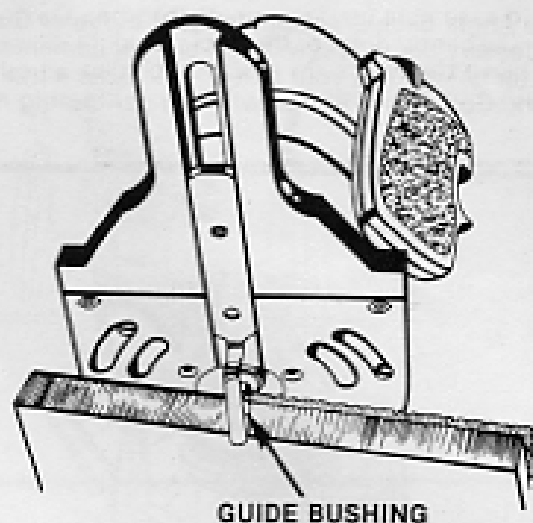


Fig. 12

UNIFORM CUTS ON IRREGULARLY SHAPED EDGES

The Bracket Assembly is assembled to the Router Guide so the guide bushing is facing the cutter. See Fig. 13. Make necessary depth and width of cut adjustments. NOTE: The distance the guide bushing is positioned from the cutter determines the line of cut. The Router is guided along the edge of stock by the guide bushing. See Fig. 13.

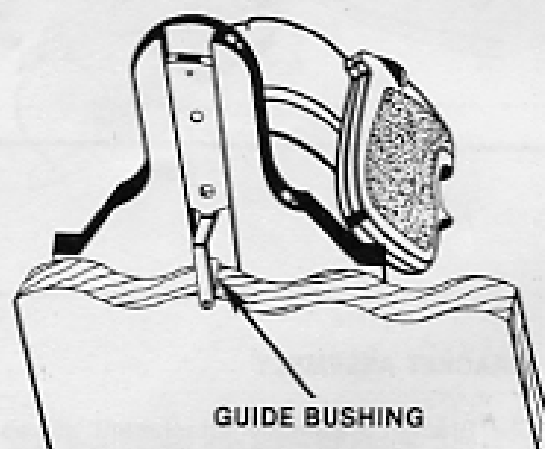


Fig. 13

TRAMMEL POINT

The Trammel Point attachment allows you to make circular designs.

TO ASSEMBLE TRAMMEL POINT:

1. Unplug your Router.

WARNING: FAILURE TO UNPLUG YOUR ROUTER COULD RESULT IN ACCIDENTAL STARTING CAUSING SERIOUS INJURY.

2. Slide Trammel Point attachment into slot in extension arm as shown in Fig. 14.
3. Secure Trammel Point with bushing and lock knob.
4. Adjust to desired setting.
5. Tighten lock knob.

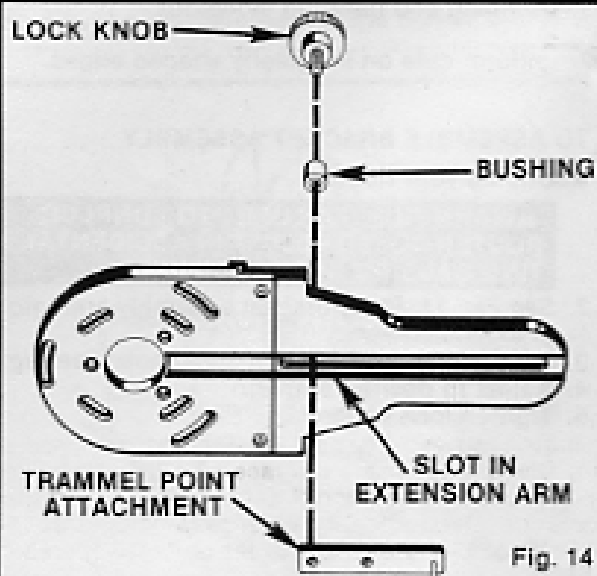
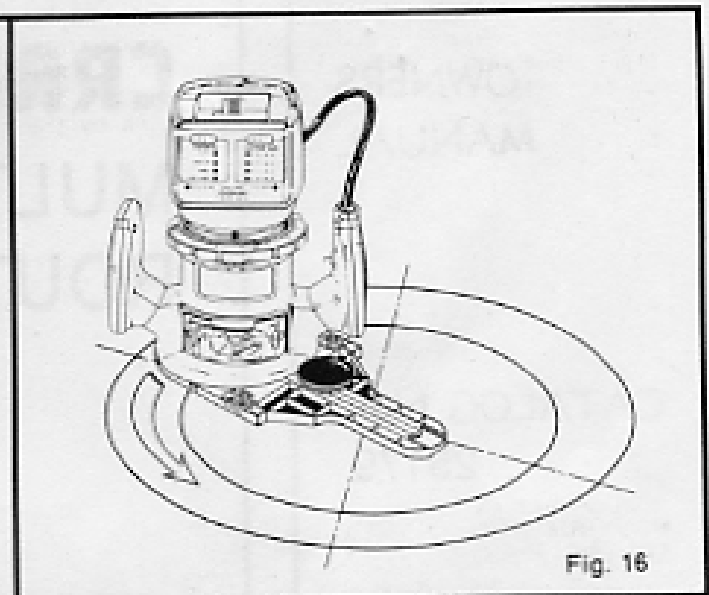
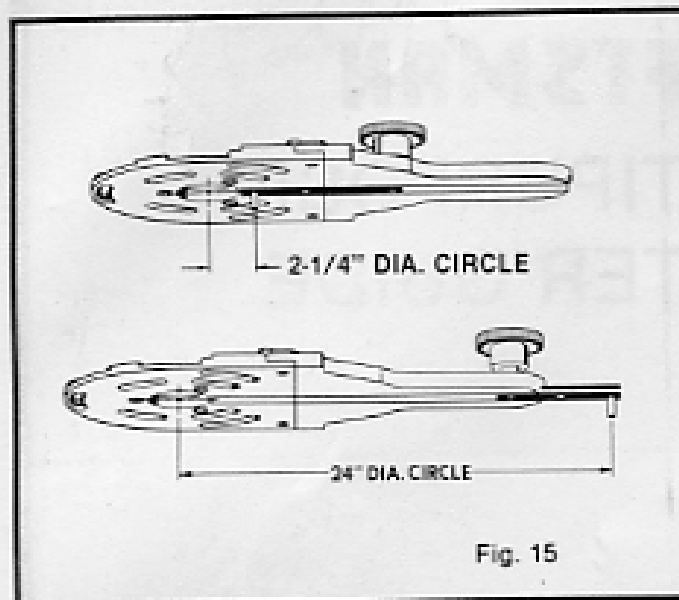


Fig. 14

You can make circular designs as small as 2-1/4" in diameter or as large as 24" in diameter. See Fig. 15 for correct way to assemble the Trammel Point when making these cuts. When making circular designs you must first determine the center point of the circle. Drill a 1/8" hole at the center point. Place the Trammel Point in the drilled hole and move the Router in a counterclockwise direction. Moving the Router in this direction will give you better results. See Fig. 16.



GENERAL

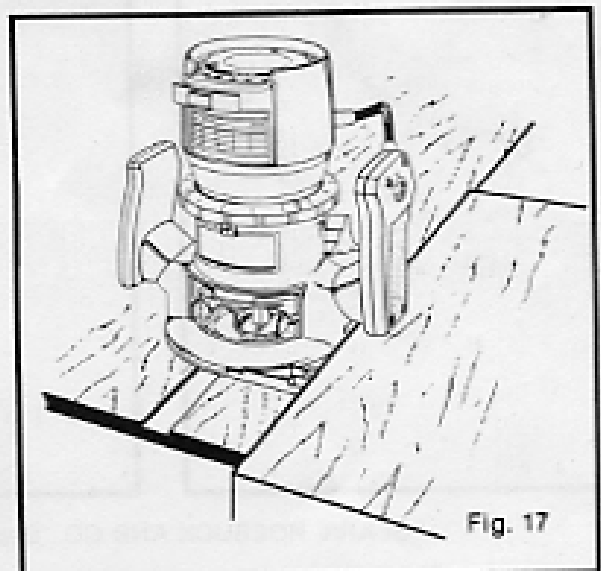
When using Template Guide Bushings Cat. No. 9-25082 with your Router Guide you must visually center the bit with the bushing before beginning your cut. The Router Guide subbase may be adjusted by loosening the screws holding the subbase to the Router. After centering bit with bushing tighten screws firmly.

⚠ WARNING: FAILURE TO CENTER BIT WITH BUSHING OR TO FIRMLY TIGHTEN SCREWS AFTER CENTERING COULD CAUSE BIT TO COME IN CONTACT WITH BUSHING RESULTING IN SERIOUS INJURY.

When you need to work beyond the range of the Angle Base the extension arm may be removed. Using the straight side of the subbase the Router may be guided along a strip of material clamped to the stock. See Fig. 17.



The operation of any power tool can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before commencing power tool operation, always wear safety goggles or safety glasses with side shields and a full face shield when needed. We recommend Wide Vision Safety Mask for use over spectacles or standard safety glasses with side shields, available at Sears Catalog Order or Retail Stores.



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