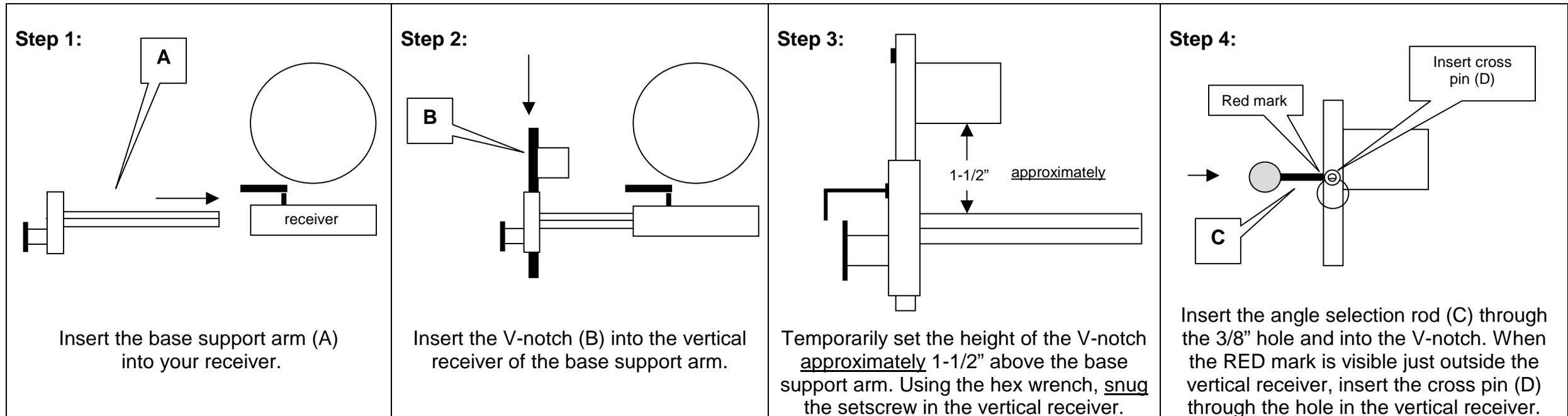
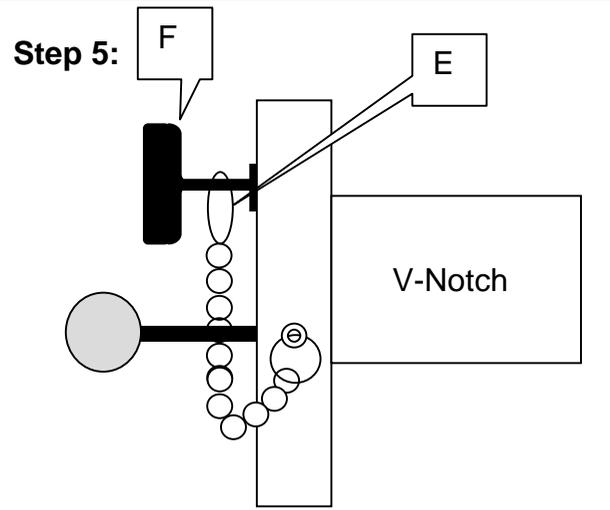


Package Contents

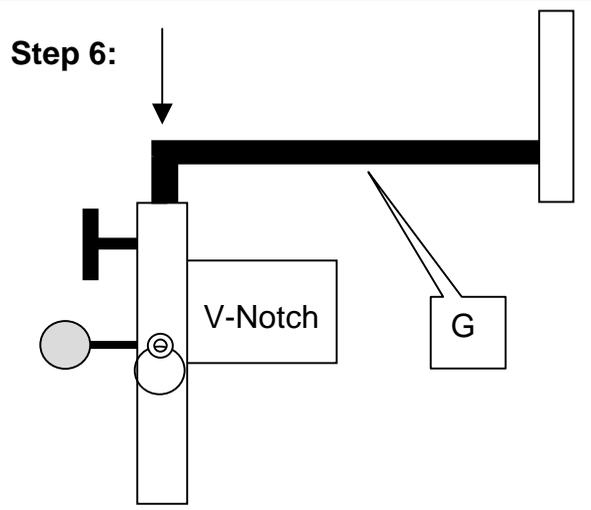
- Manual
- A. Base Support Arm
- B. V-Notch
- C. Angle Selection Rod
- D. Cross Pin and Lanyard
- E. Lanyard Connecting Ring
- F. Black Knob
- G. Horizontal Positioning Gauge
- H. 60° Set-Up Gauge
- I. Protrusion Gauge





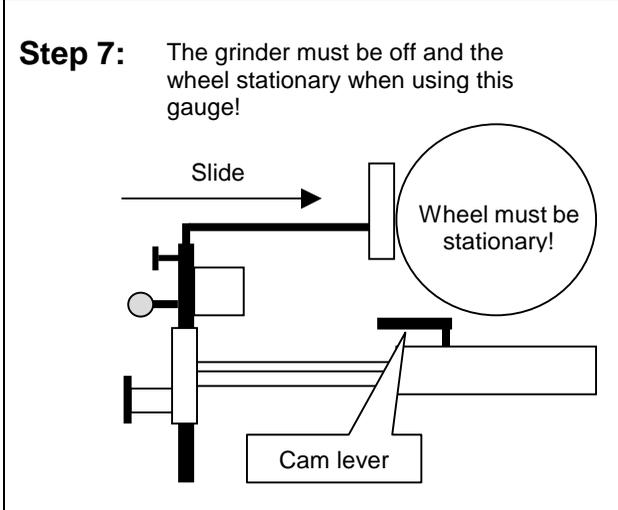
Step 5:

Slip the ring at the end of the lanyard (E) over the machine screw of the black knob (F). Thread the machine screw into the nut welded to the 3/4" square tube behind the V-notch



Step 6:

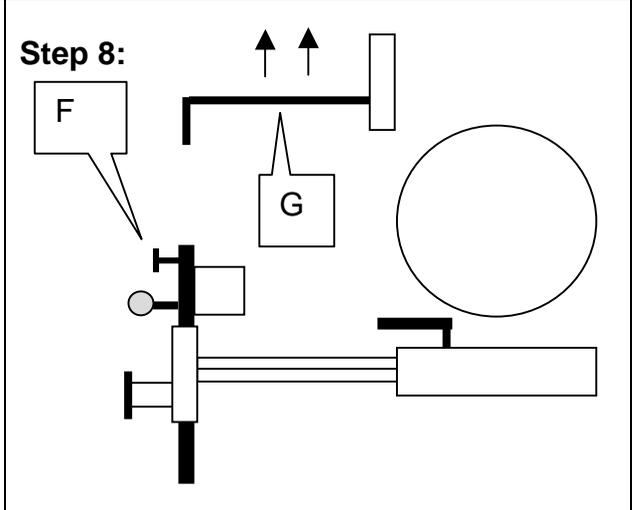
Insert the horizontal positioning gauge (G) into the receiver behind the V-notch and secure it by tightening the black knob (F) clockwise.



Step 7:

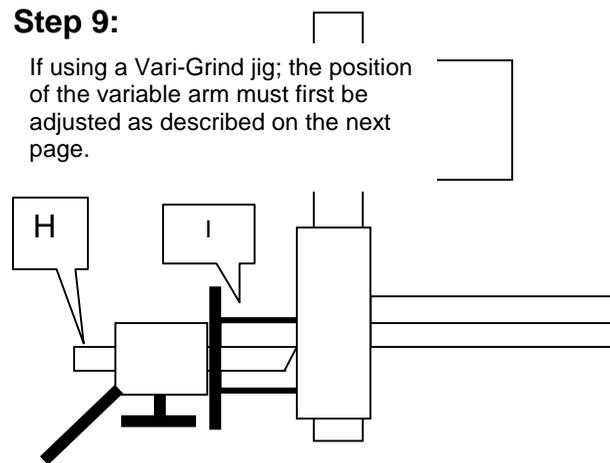
The grinder must be off and the wheel stationary when using this gauge!

Slide the whole mechanism forward until the horizontal positioning gauge touches the face of the grinding wheel and tighten the cam lock securely, using the lever on your receiver.



Step 8:

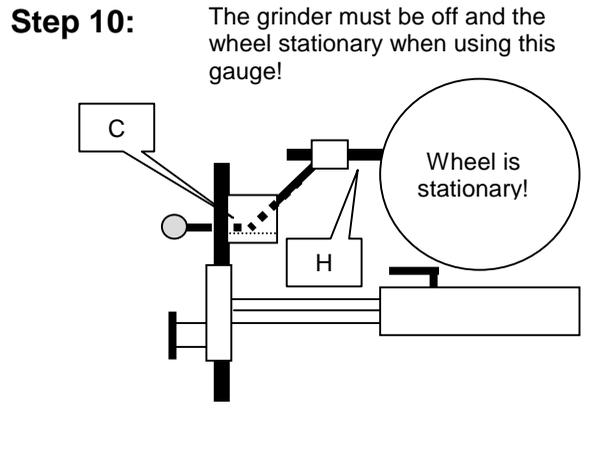
Loosen the black knob (F) and remove the horizontal positioning gauge (G).



Step 9:

If using a Vari-Grind jig; the position of the variable arm must first be adjusted as described on the next page.

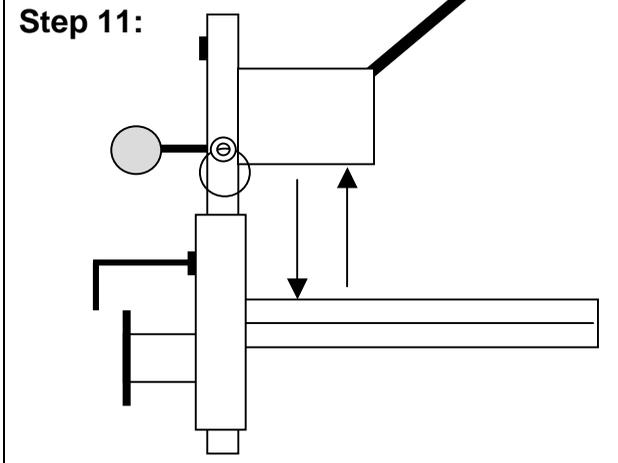
Insert the 60° gauge (H) into your jig as if it were a gouge. Use the protrusion gauge (I) to set the distance the 60° gauge protrudes from your jig. Secure it.



Step 10:

The grinder must be off and the wheel stationary when using this gauge!

Place the support stem of your jig into the V-notch, against the end of the angle selection rod (C). Place the tip of the 60° gauge (H) against the grinding wheel.



Step 11:

Adjust the height of the V-notch until the bevel of the 60° gauge matches your wheel. Using the hex wrench, tighten the setscrew in the vertical receiver securely.

Set Up is now complete!

Your system is now calibrated to produce an accurate 60° bevel when the angle selection rod is in the RED position.

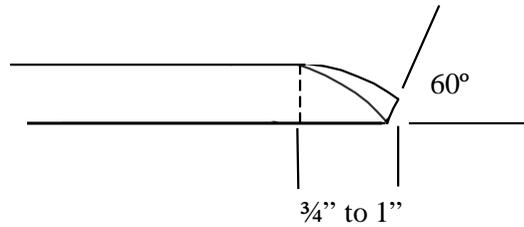
Four positions are marked as follows:
 BLUE: 70°
 RED: 60°
 GREEN: 50°
 ORANGE: 40°

NOTE: The cross pin (D) must be in place before using any of these positions!

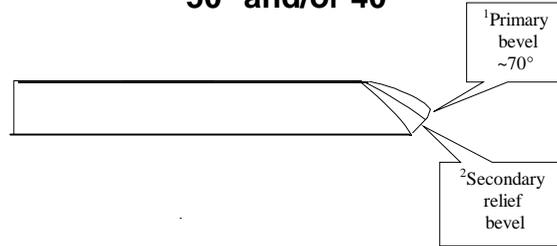
Many woodturners use these angles to produce the following grinds:

**A 60° Ellsworth or Irish Grind
on a deep-fluted bowl gouge**

Angle selection rod position: **RED**

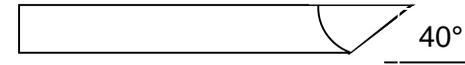


**A deep-fluted bowl gouge with a
70° Micro-Bevel with
single or multiple relief bevels at:
50° and/or 40°**



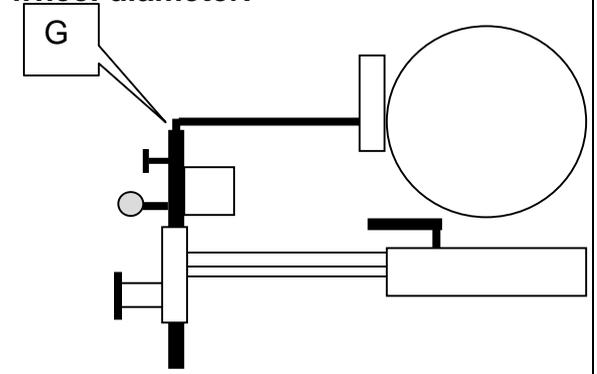
Angle selection rod positions:
BLUE for the 70° primary bevel
and **GREEN** for the 50° and/or
ORANGE for a 40° relief bevel.

**Spindle Gouges
with a 40° bevel**



Angle selection rod position:
ORANGE

**For a high degree of repeatability
and to compensate for reduction in
wheel diameter:**



Be sure to use the horizontal positioning
gauge (G) to maintain precisely
the same distance from the wheel.

A complete printed manual is included with every Vertical Solution Pro Sharp 4X.