

Item #9098

On-Point Universal Laser Guided/LED Router Plate General Instructions

- 1) Remove the sub base from your router.
- 2) Put a V Groove, or any pointed/small diameter router bit into your router.
- 3) Place your router on top of the On-Point router base and line up the point/center of the router bit with the exact center of the crosshairs of the laser guides.
- 4) Be sure the mounting screw holes in your router base do not overlap the laser guides or wiring in the On-Point router base. If it does simply rotate your router until the holes are clear of the laser guides and wiring.
- 5) Very carefully mark the mounting screw hole pattern on the On-Point router base.
- 6) Drill the proper size hole for your mounting screws completely through the On-Point router base.
- 7) From the bottom side of the On-Point router base counter sink each hole so that the screw head is below the surface of the On-Point. This will ensure that the screw heads will not mar your work or interfere in any way.
- 8) Mount your router to the On-Point router base.
- 9) Turn off the power on the On-Point router base when not in use. This will extend the life of the batteries and lasers and LEDs.

Tips:

Use heavy-duty double face tape to mount your router to the On-Point router base as a temporary solution. Holes can be counter bored up to 3/8" for shorter screws. The router's sub base can be used as a pattern for marking mounting holes.

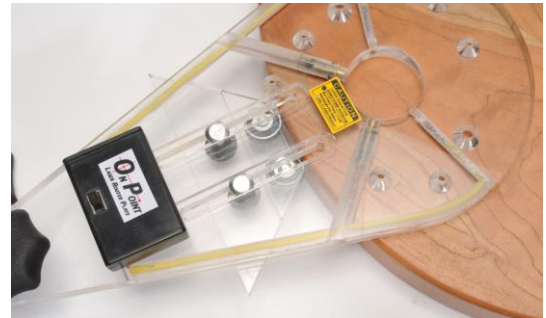
Warning:

Always wear proper safety protection and follow the safety instructions of your router properly.

Danger - Avoid direct eye exposure from the lasers.

Class 111A Laser Product

Max output <5 mW



Using the On-Point Universal Laser Guide Router Plate to make perfectly spaced cuts:

Easily set up your straight edge guide using the On-Point's laser as your reference point. Perfect for cutting dado slots in furniture construction or making general decorative cuts in any project.

Set-up and Use:

1. On your work piece, mark the centerline of your slot or groove with a pen, pencil or marking gauge.
2. Position the On-Point router base over the centerline drawn in step 1 at either end of the line. Turn on the laser and center the laser's cross hair directly over the point at the end of the line. Place your straight edge guide so that it is flush against the On-Point router base. (see figure 67A & Additional tip below).
3. Move the On-Point router base to the opposite end of the line. Keeping the router base oriented the same way as it was in step 2, again place your straight edge guide so that it is flush against the On-Point router base. (see figure 67B & Additional tip below).
4. Lock your straight edge guide in place and rout your groove.

Additional tip:

If you are routing stopped grooves instead of through grooves, when you have the router set on the ends of your lines, clamp a stop block at the edge of the router base. Then when the On-Point router base contacts the stop block(s), you have cut the full length of your stopped groove. (see figure 67C). The stop block is clamped to Work Piece.

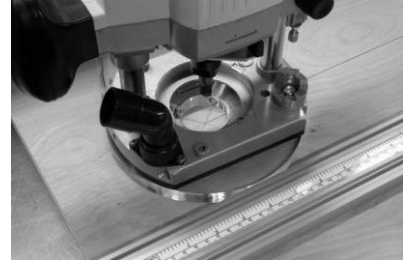


Figure 67A

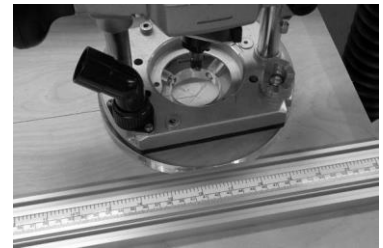


Figure 67B



Figure 67C

Using the Edge Guide Accessory

The edge guide can be mounted to the bottom of the On-Point to allow you to follow either a straight or curved edge to make internal cuts for inlays, decorative grooves or a drip channel on cutting boards. The edge guide can be mounted with the flat edge toward the bit opening (see figure 67aA and 67aB) when following straight edges or with it reversed so that the two ball bearing guides are positioned toward the bit opening (see figure. 67aC and 67aD) to follow a curved edge.

1. Start by inserting the two t-head bolts through the slots in the On-Point and align the t-heads of the bolts so they are recessed into the shoulder of the slot.

2. Decide which position the edge guide will be mounted and place it over the threads of the bolt. Screw the knobs on the exposed threads, leaving them loose at this time, to hold the edge guide to the bottom of the On-Point.

3. Adjust the edge guide to the desired position and tighten the knobs to secure the edge guide in position on the bottom of the On-Point.

Tip:

Use the laser crosshairs to accurately adjust the position of the edge guide aligning the crosshairs on your desired layout line where the cut is to be made.



Figure 67aA

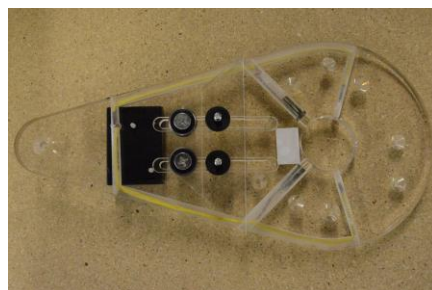


Figure 67aB

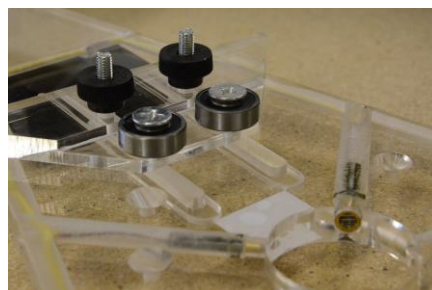


Figure 67aC

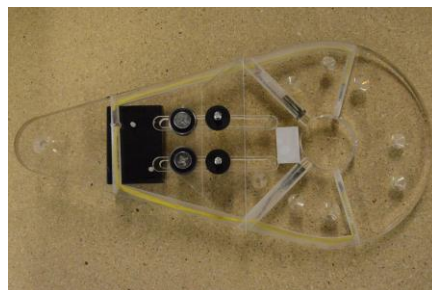


Figure 67aD