On-Point Laser Router Plate

Item #9100

On-Point Universal Laser Guided 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 Laser Plate and line up the point/center of the router bit with the exact center of the "X" 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 Laser Plate. 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 Laser Plate.
6) Drill the proper size hole for your mounting screws completely through the Laser Plate.
7) From the bottom side of the Laser Plate counter sink each hole so that the screw head is below the surface of the Laser Plate. This will ensure that the screw heads will not mar your work or interfere in any way.
8) Mount your router to the Laser Plate.
9) Turn off Laser Plate when not in use. This will extend the life of the batteries and lasers.

Tips-

Use heavy-duty double face tape to mount your router to the Laser Plate 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

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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

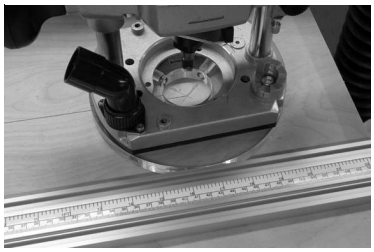

Figure 67C

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