

How to Use Miter Bolts to Attach Countertop

Written Instructions

By See Jane Drill, Copyright 2014

Time needed to complete project: 10 minutes

Materials Cost: \$5-\$10

Tools and Materials Needed

Materials

- Miter Bolt kit
- Water-resistant wood glue (such as Tite Bond III brand)

Tools

- Open-ended wrench
- Rubber mallet or a regular hammer

Step-by-Step Instructions

1. You'll be working from the underside of the countertop. Keep in mind that wood glue might drip onto the work surface beneath. Apply a generous amount of wood glue to the edges of the two pieces of countertop that you will be attaching. You will want to use a water-resistant glue.
2. Push the two pieces of countertop together, so that the mortises (indentations for the miter bolts) on each piece are lined up.
3. Insert the first miter bolt so that it fits in the crevice.
4. There will be a bolt at one end. Start tightening it by hand, so that it is snug.
5. **Important Note:** Before tightening the bolt completely, you will want to install the rest of the bolts. Usually there will be four total, unless you have a custom piece. Install and hand-tighten each one.
6. Once all four bolts are in place and hand-tightened, you need to ensure that the countertop is level across the entire surface.

7. When it is level and everything looks good, tighten each bolt, one at a time, with an appropriately sized open-ended wrench. Don't over-tighten the bolts, as you may still need to make some adjustments.
8. Tap the wood with a rubber mallet along the area where the two pieces come together, to be certain that you have an even surface. If you don't have a rubber mallet, you can use a regular hammer, however, you will want to use a scrap piece of wood as a buffer between the countertop and the hammer.

And that's it...You did it!