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Slant-Front Fence

I often add crown molding to the top of cabinet projects to really dress them up. One of the trickiest parts about working with crown molding is cutting accurate compound miters. But I found that attaching this slant-front fence to the miter gauge makes it much easier. The reason is simple. The slanted face of the fence supports the molding at the same angle as it will be installed (in my case that was 33 degrees).

The fence is just a scrap of 2x stock with an angled face (see drawing). The face is bevel cut on the table saw using a two-pass method for safety.

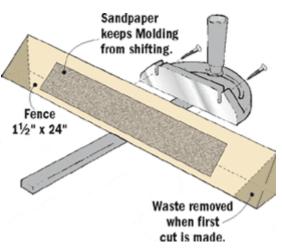
First, tilt the saw blade to 33 degrees and make the initial cut (Fig. 1). Then reposition the blade to 90 degrees and adjust the fence to make the second cut (Fig. 2).

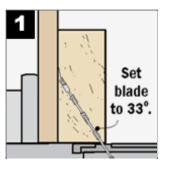
To finish up, attach a piece of sandpaper to the face of the fence to keep the molding from shifting. Then screw the slant-front fence to your miter gauge.

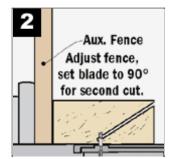
Have a nice weekend,

Kevin Shoesmith Online Editor, Workbench









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