Angle Finder

This document is for you to use if you need to find the angle of your inside or outside corners for installing moldings in your home. This paper protractor (with instructions on how to use it) will let you know the angle so that when it comes time to make your cut you can simply divide the number in half so that you can set your miter saw to that angle. This works for simple base or chair rail molding, check website for instructions on setting saw angles for crown moldings.

Examples: 45 degree angle – ½ would be 22 ½ degrees
90 degree angle – ½ would be 45 degrees
104 degree angle – ½ would be 52 degrees

To cut base board or chair rail molding simply place the molding against the back fence of the saw, standing up, and turn the table of the saw to the angle needed then simply make your cut. If you have to lay the molding down on the table, because it is too big to stand up, you will need to set your saw table to 90 degrees then set the bevel of the saw to the angle needed. If you need to cut this way, be sure to place the molding in the right direction on the saw to cut the angle the direction on the piece, this is especially true if your saw only cuts bevels to one side.

Be sure to follow all manufacturer directions for the saw and always pay attention to were your hands are, setting the saw on angles or bevels places the blade at different positions and takes a lot more thinking of the direction in which the blade is going. Note that most saws only cut up to 45 degree angles – making or purchasing additional fence wedges will push the piece out more from the fence adding to the angle of the piece – extra caution on holding these pieces should be taken. Any auxiliary pieces should be secured to the saw so that they will not move. – Here is an example of an adjustable fence:
Print at best quality and in color.
Inside corner angle finder

Step 1 - Print and cut out this pattern.
Step 2 - Cut inside corner close to angle.
Step 3 - Trim left side to fit.
STEP 4 – ½ this number for inside miter
Outside corner angle finder

Step 1 - Print and cut out this pattern.
Step 2 - Cut outside corner close to angle.
Step 3 - Trim line side to fit.
STEP 4 - $\frac{1}{2}$ this number for outside miter