

Alignment Fixture for EZ Saw Base

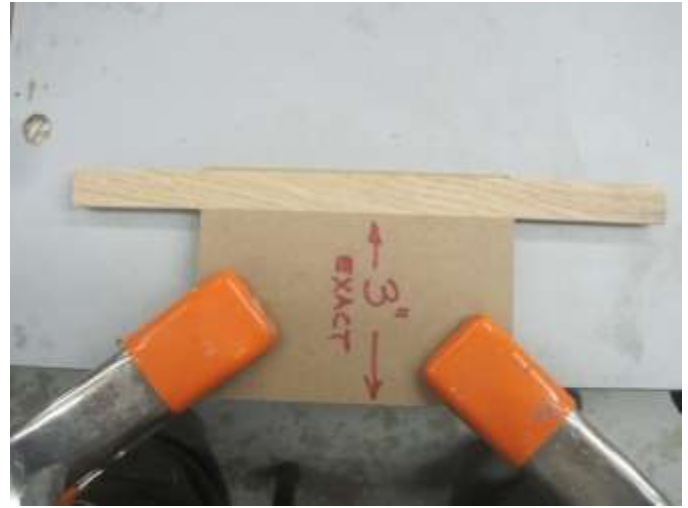
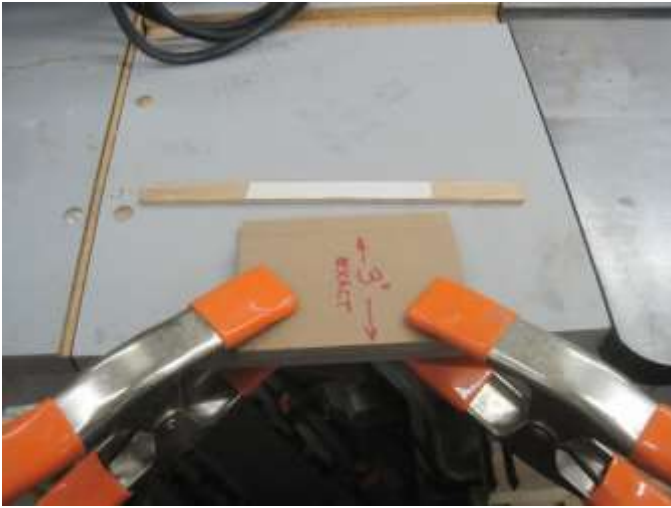
The following shows the method of making a fixture to check or set the saw blade relative to the groove in the bottom of the EZ Saw Base if the original fingers are missing. The fixture was made to set the distance from the edge of the groove to the inside face of the saw blade at 3" as specified by EZ.



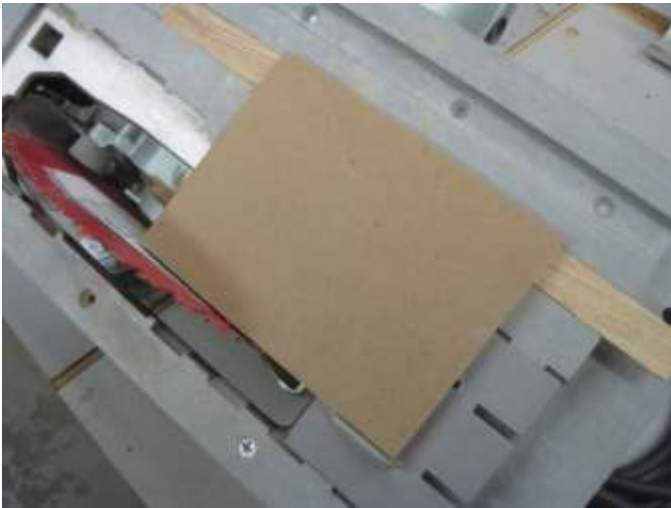
Started by ripping a piece of 3/16" thick oak for a snug sliding fit in the base groove.



Ripped a piece of 1/4" MDF to 3" wide – the required distance from the base groove to the inside face of the saw blade. This part will be used to establish the 3" dimension from the edge of the fixture to the edge of the track groove in the bottom of the EZ Saw Base.



Ripped a second piece of $\frac{1}{4}$ " MDF to 3-3/4" wide, clamped the 3" piece to it with the edges aligned as shown and stuck the oak strip to it using double-sided tape – this locates the edge of the fixture at 3" from the edge of the groove.



Showing the fixture installed in the groove in the bottom of the saw base. As you can see, the fin insert lines up with the edge of the fixture so the fin is going to be in line with the saw kerf.

I will be replacing the existing Diablo thin-kerf blade in my UEG with an FSTool LH740 full-kerf (.115") blade so don't think that there's going to be any modifications needed to the thickness of the fin. I'm going to the heavier blade as I've been a little disappointed with the finish I've been getting with the Diablo and hope that this is going to help. For many years, I used a 40T full-kerf Oldham blade with a home-made guide, and this gave me a cut edge that was comparable to the one I was getting off my Unisaw so hoping that I'm getting back to this. I'm also working on another modification to the UEG, will pass along details once I've got them finished and test to see if it works.