

Instructions for the Intarsia Fence

Thank you for purchasing an Intarsia Fence for the Hi-Tech Diamond 8" Flat Lap!

When you get your Intarsia Fence it will be fully adjusted and ready to go on your machine but due to slight variations in the plastic of the machine you might need to make some adjustments to the fence to get a perfect fit.

These instructions are also available in video format on the product page.

To start you will want to clean out the catch basin of your machine since the lap sits within it and having a build up of rock sludge will prevent the fence from sitting flat on the machine.



Extra Tools Needed: You will need a few extra tools for clamping the fence and making adjustments for the perfect fit.

1. Two 1/2" wrenches
2. 1/8th hex wrench
3. A small ruler or straight edge
4. Two adjustable quick release bar clamps that are shorter than 12"

Step #1 - Start by placing the fence on top of the flat lap. The fence should fit snugly on the machine, not too tight and not too loose. If it is too tight to fit on the machine or too loose use the two 1/2" wrenches and loose the bolt on one side of the machine and adjust the fitment so the fence fit snugly on top of the machine.

Step #2 - Now that your fence fits on the machine secure it on each side using the two quick release bar clamps.

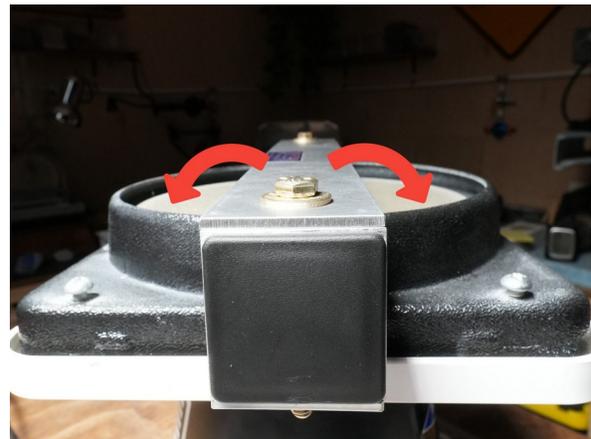
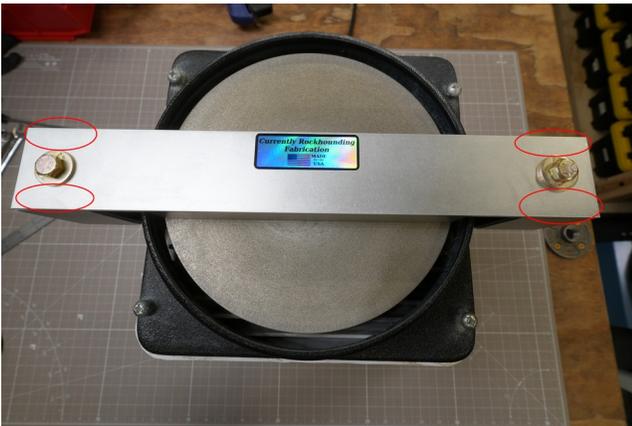




Step #3 - Now we will check to see if the fence is a perfect 90° to the lap using your ruler or square.

If your square fits perfectly tight between the fence and lap then you are good here and you can skip **Step #4**.

Step #4 - If your square does not fit perfectly tight between the lap and fence you can loosen both bolts on each side of the fence and insert shims of tape or thin strips of aluminum from a soda can between the fence and riser blocks to pitch the fence back and forward until you achieve a perfect 90° angle.



Step #5 – Lastly, we want the gap between the lap and the fence to be as small as possible so that the stone is supported. To adjust the height of your lap remove the black spray guard from the machine, place the fence on the machine and using the 1/8” hex key you can loosen the set screw in the arbor adapter and adjust the lap up towards the fence. The ideal gap between the fence and the lap is less than 1/8”. Be mindful to not rotate the arbor adapter away from the flat spot on the shaft. Tighten the set screw and you are ready!

