Installing the Scroll Saw Blade Holder Conversion Kit

**WARNING:** Unplug the scroll saw before installation!

Use your scroll saw owner’s manual as a guide in addition to these instructions to install the Scroll Saw Blade Holder Conversion Kit on your saw.

**For Plain End Blades:**
- The Fixture Block makes it easier to tighten and loosen a blade in the lower blade clamp. **ONLY for plain end blades.**
- Adjust the saw’s tension knob as required.
- The Fixture Block Assembly with Lower Blade Clamp mounts on the lower saw arm to hold plain end blades.

**For Pin End Blades:**
- The Chrome Bracket Assembly with Lower Blade Clamp attaches to the lower saw arm allowing a saw built for pin end blades to use plain end blades.
- Adjust the saw’s tension knob as required.

**To use with Pin End Blades ONLY:**
- To use Pin End Blades, the Upper Blade Clamp must be re-assembled from its original configuration. There is NO NEED to re-assemble this part if you want to use plain end blades!
  1. Using the 3 mm hex wrench, remove the screw to take the upper blade clamp apart.
  2. Turn the clamp over so that the wide slot to hold the blade pins is at the bottom, facing you. Fix each clamp half onto the center pin. Reinsert the screw with lock washer and tighten the clamp together.

**Pin End Blade Conversion**

![Diagram of pin end blade conversion](https://example.com/pin_end_conversion.png)

1. Loosen tension by turning knob at rear of saw.
2. Attach the upper pin end of the blade into the slot and with pins aligned in the upper clamp. The lower pin end of the blade should go through the table opening.
3. Fit the bottom pin end of the blade into the slot with the pins held by the Chrome Bracket.
4. Adjust the saw’s tension knob as required.

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**For Plain End Blades:**
- The Fixture Block makes it easier to tighten and loosen a blade in the lower blade clamp. You can attach the Fixture to the edge of your scroll saw or workbench. If you attach it to the scroll saw, be sure it does not stick up higher than the saw’s table surface or it can interfere with your use of the saw.
  1. Hold the fixture against the flat edge on the left or right side of the table (use a “C” clamp if available). Mark the hole location with center punch, small drill, or other tool.
  2. Using a 7/32” drill, carefully drill the two holes through the flange of table with light pressure.
  3. Place the #12-24 x 1” screws through the holes, attach the Fixture and tighten with #12 x 24 hex nuts.

**For Pin End Blades:**
- Attach the Upper Blade Clamp using the #12-24 x 1” screws.

4. Thread the blade attached to the Lower Blade Clamp through the underside of the table opening. The Lower Blade Clamp does not need to be in a fixed position yet.
5. Next, attach the top pin end of the blade to the upper blade clamp. Place the plastic spacer behind the upper clamps as shown in the drawing. Loosen the screw on the Upper Blade Clamp, insert and tighten the blade into the clamp with the 3mm hex wrench.
6. Place the Lower Blade Clamp holding the other end of the blade on top of the rubber bumper on the Chrome Bracket so that the clamp’s pointed end fits in the slotted end of the Chrome Bracket and tighten the screw with the 3mm hex wrench.
7. Remove the plastic spacer on the upper clamp and save it for future use.
8. Adjust the saw’s tension knob as required.

To Make Internal Cuts with Plain End Blades:
- Unclamp the upper blade end and pull it through the workpiece and table opening. Reinset the blade through the table and pre-drilled hole (3/32”) in the workpiece and re-install the blade.

**For detailed Parts Lists, Video, etc:**
https://www.olson saw.net/resources/