



The **Fixture Block** makes it easier to tighten and loosen a blade in the lower blade clamp. **ONLY for plain end blades.**

Upper Blade Clamp mounts on the upper saw arm – allowing a saw built for pin end blades to use plain end blades.

The **Chrome Bracket Assembly with Lower Blade Clamp** mounts on the lower saw arm to hold plain end blades.

9/64" Hex Wrench and 3 mm Hex Wrench

Screws and Hex Nuts for attaching Fixture Block
 Socket Head Screws & Lock Washer for attaching Upper Blade Clamp (use the screw that fits your saw)
 Socket Head Screw and Toothed Lock Washer for attaching Chrome Bracket
 Extra Socket Head Screw for Blade Clamps

OLSON® AC49610 Installing the Scroll Saw Blade Holder Conversion Kit

WARNING: Unplug the scroll saw before installation!

Plain End Blades offer more and thinner tooth styles. This Conversion Kit lets you use them on a saw built for Pin End blades. **Check the list below.**

The Scroll Saw Blade Holder Conversion Kit is designed for use on these 16" scroll saws:

Sears Models 23611 and 23612	Northern Hydraulics Model SS16	Record SS-16V Shop Fox W1713-16
Ryobi Model SC 160	AMT Models 4601 and 4602	Scheppach Models SD1600, 240VS Deco 405 88002123
Dremel Models 1671 and 1695	Reliant Models DD66 and DD67	Rikon Model 10-600VS
Skill Model 3330-3335	HAFCO B-18V	Grizzly Go536 VS-16"
Central Machinery Models S 5909, 62519, 93012	Einhell TH-405E	Wen 3920-3921
	Proxxon Micromot DSH-2	

If your saw is not on this list, it may not fit your saw.

This kit may also be modified for other saws or adapt saws that use Plain End Blades to use Pin End Blades, although this is less common.

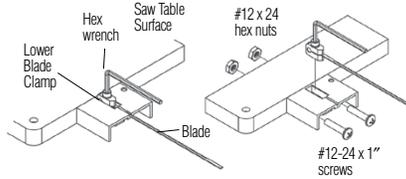
Olson Saw Co. 16 Stony Hill Rd., Bethel, CT 06801

For detailed Parts Lists, Video, etc:
<https://www.olsonaw.net/resources/>

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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. You can attach the Fixture to the edge of your scroll saw or work bench. 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.
- If you mount the fixture to a wooden work bench, you need to supply wood screws to attach it to the edge.

For using Plain End Blades:
 (Not for use on Craftsman Model No. 113.236180)

The clamps are designed to hold all plain end blades (skip, reverse, spiral tooth, etc).

Plain End Blade Alignment and Installation

1. Lay the Lower Blade Clamp into the fixture block flat side down, with the screw facing up and with the pointed end toward the slot.

2. Place a plain end blade in the slot with the teeth pointing down.

Note: Reverse tooth blades will have the lower reverse teeth pointing up - away from the lower blade clamp.

Upper Arm Blade Clamp Installation

1. Remove the screw, lock washer and the upper blade holder from the upper arm of your saw with the 9/64" hex wrench provided. **Save these parts for future use.**
2. Attach the Upper Blade Clamp using the screw and lock washer. Use the screw that best fits your saw and the kit's blade clamp.

Lower Arm Blade Clamp Installation

1. Remove the screw, toothed lock washer and the lower blade holder from the lower arm with the 9/64" hex wrench.
2. Slide the rubber bumper onto the Chrome Bracket. Attach the Chrome Bracket to the lower arm using the screw and toothed lock washer on the inside surface of the bracket.
3. Turn the knob at the rear of your saw to loosen the tension of the saw.

To use with Pin End Blades ONLY:

To use Pin End Blades, the Upper Blade Clamp must be re-assembled from its original configuration.

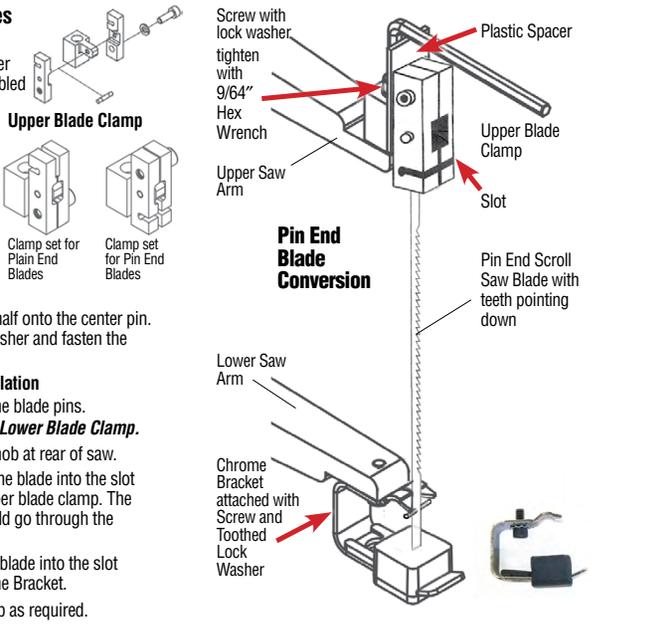
There is NO NEED to re-assemble this part if you want to use plain end blades!

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 the you. Fix each clamp half onto the center pin. Reinsert the screw with lock washer and fasten the clamp together.

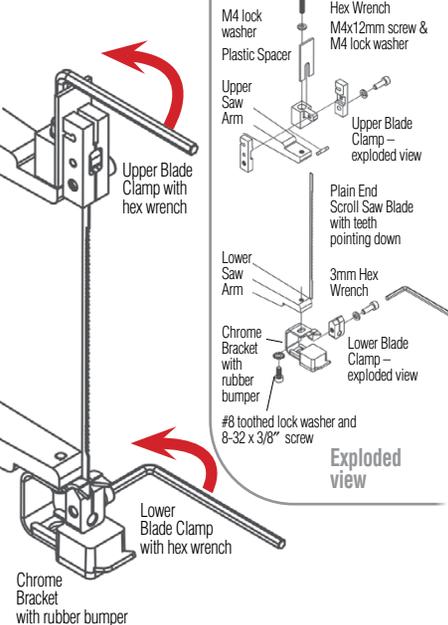
Lower Arm Blade Clamp Installation

The Chrome Bracket will hold the blade pins.
Pin End Blades do not use the Lower Blade Clamp.

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 blade 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.



Plain End Blade Conversion



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 plain 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 end 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. Reinsert the blade through the table and pre-drilled hole (3/32" dia.) in the workpiece and re-install the blade.

Proper set-up for reverse tooth blade: **most** of the teeth will face down and a few at the bottom will face up.

For detailed Parts Lists, Video, etc:
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