

WOODHAVEN

526 Medium Coping Sled

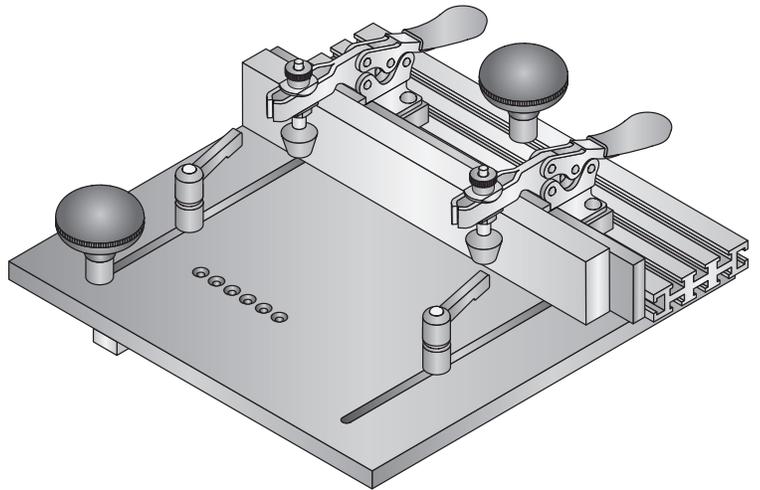
Please Read Carefully!

Parts List:

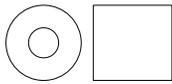
Please identify and verify that you have all of the hardware shown below prior to assembly.

Parts listed below are not shown in the hardware drawings. Refer to photos in the instructions:

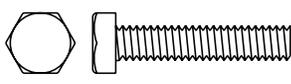
Part	Description	Quantity
526B	Sled Base	1
526A	Phenolic Sub-Fence	1
4412	12" Ultra Track Fence	1
4912B	11-3/4" Miter/Jig Bar	1
63051C	Inboard Clamp	2



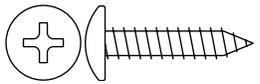

Part#	Description	Qty.
5760B	Oval Nut	4



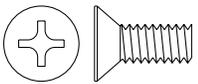
Part#	Description	Qty.
BUSH004	5/8" Spacer	4



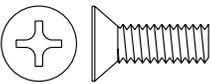
Part#	Description	Qty.
HB040	1-1/4" Bolt	3



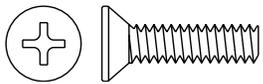
Part#	Description	Qty.
STP001	3/4" Screw	2



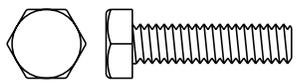
Part#	Description	Qty.
MF006	5/8" Screw	2



Part#	Description	Qty.
MF010	3/4" Screw	2



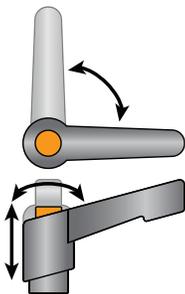
Part#	Description	Qty.
MF040	3/4" Screw	2



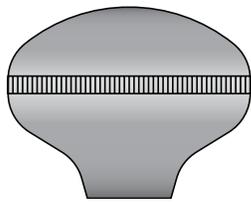
Part#	Description	Qty.
HB030	1" Bolt	1

BEFORE BEGINNING:
Identify and verify that you have all the parts listed. Read the instructions at least once, familiarizing yourself with the parts before assembly.

You'll need a #2 & #3 Phillips screwdriver. The Coping Sled can be used on a shaper, or a router table with, or without, a miter slot.

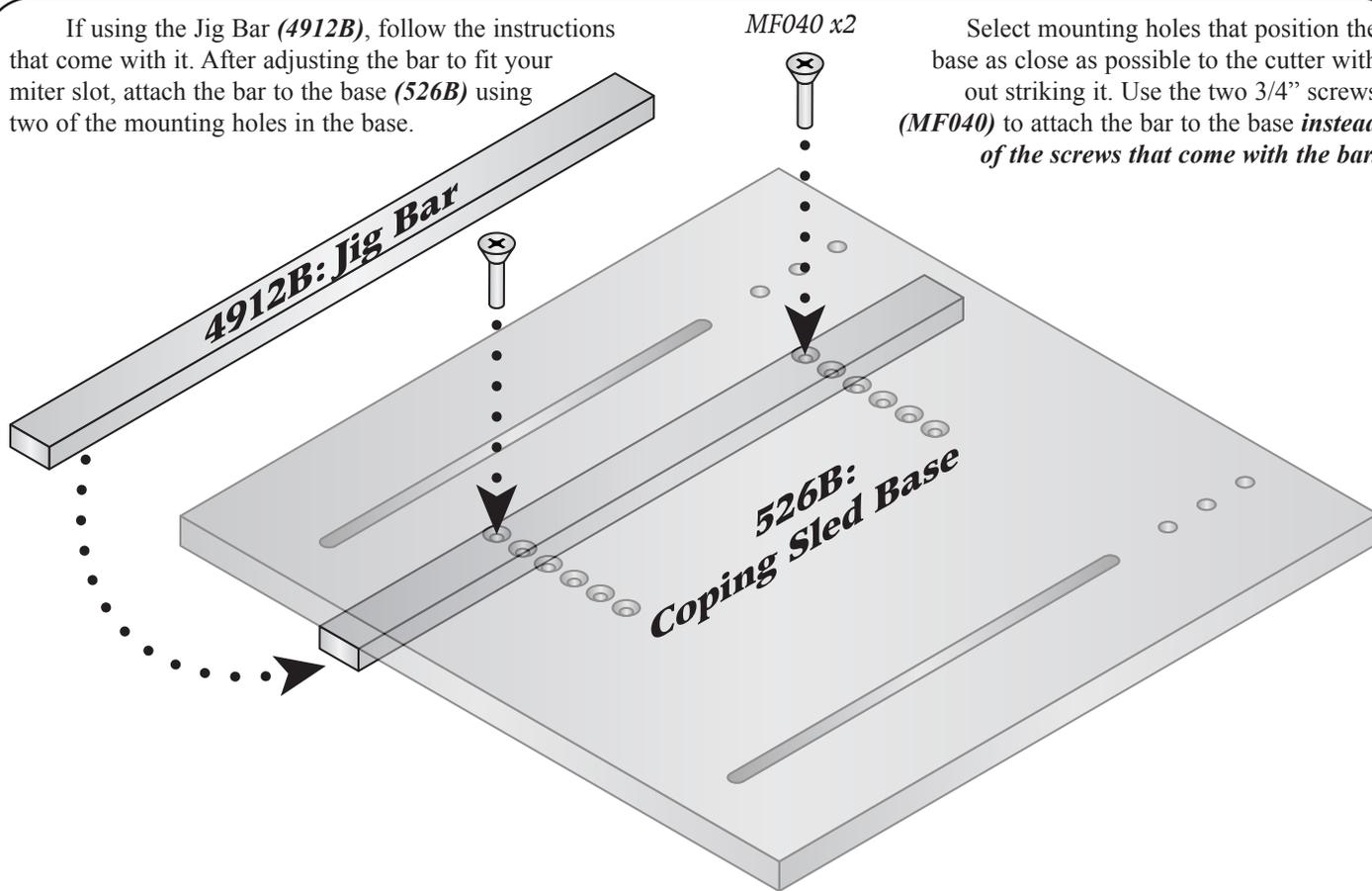


Part#	Description	Qty.
5860	Ratchet Handle	2



Part#	Description	Qty.
5590	Knob	2

If using the Jig Bar (**4912B**), follow the instructions that come with it. After adjusting the bar to fit your miter slot, attach the bar to the base (**526B**) using two of the mounting holes in the base.

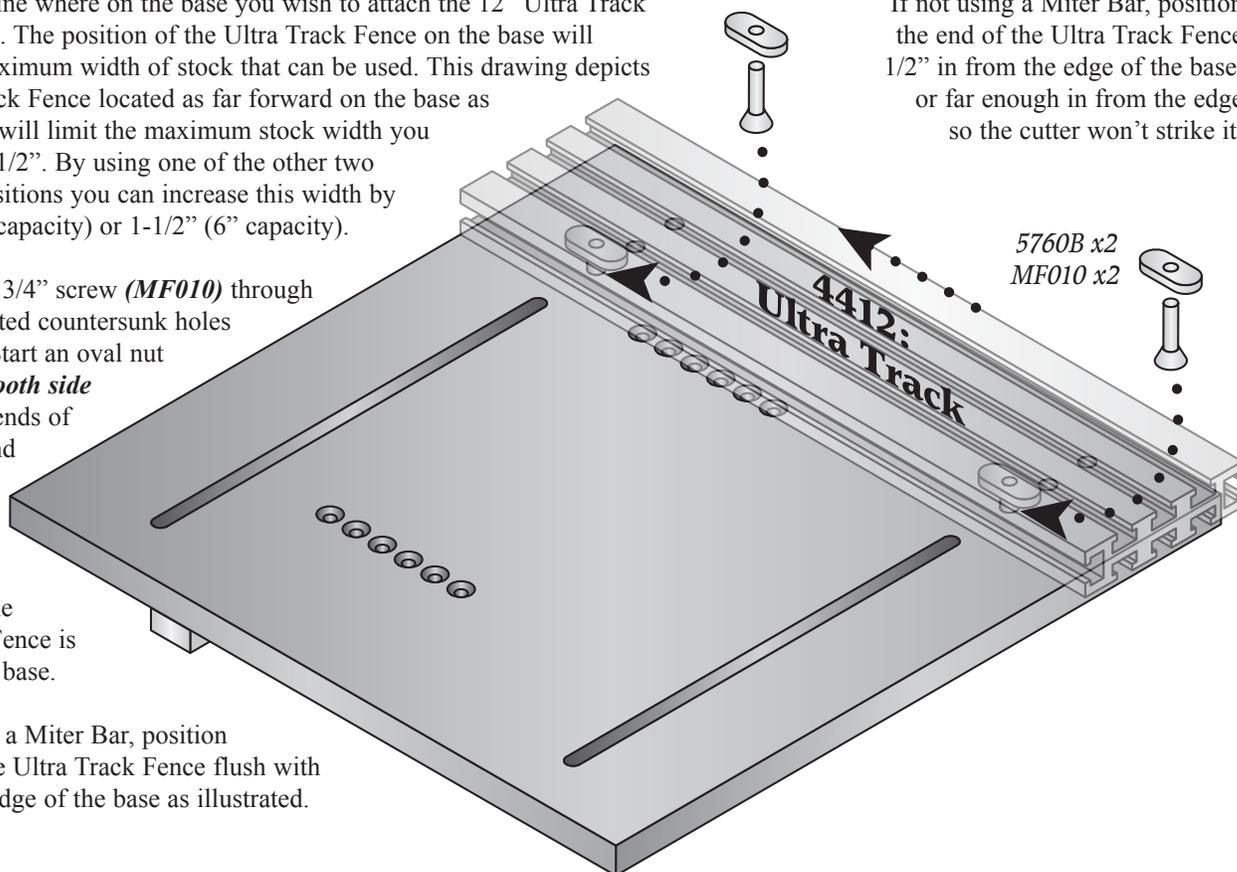


Select mounting holes that position the base as close as possible to the cutter with out striking it. Use the two 3/4" screws (**MF040**) to attach the bar to the base *instead of the screws that come with the bar.*

Determine where on the base you wish to attach the 12" Ultra Track Fence (**4412**). The position of the Ultra Track Fence on the base will affect the maximum width of stock that can be used. This drawing depicts the Ultra Track Fence located as far forward on the base as possible and will limit the maximum stock width you can use to 4-1/2". By using one of the other two mounting positions you can increase this width by 3/4" (5-1/4" capacity) or 1-1/2" (6" capacity).

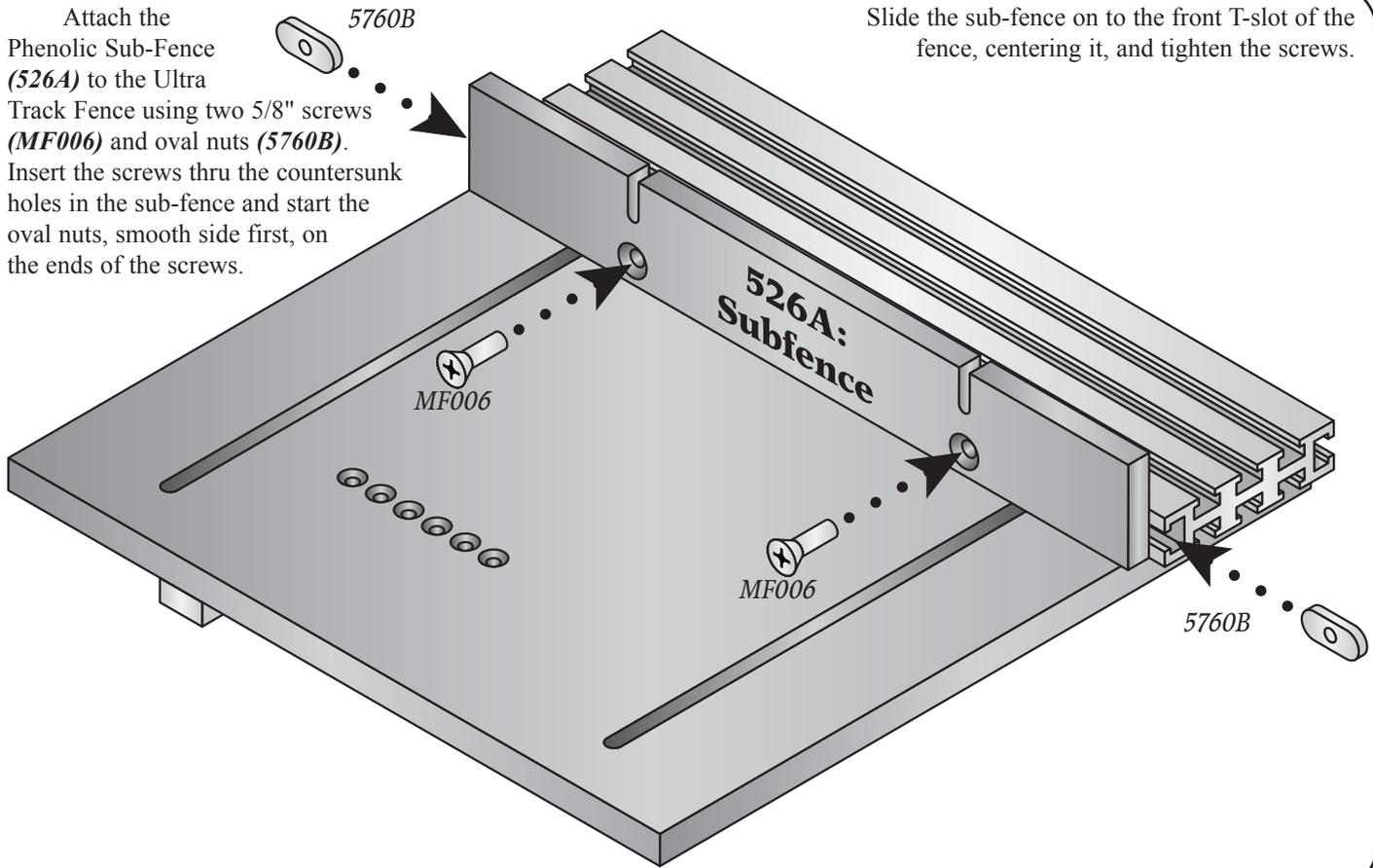
Insert a 3/4" screw (**MF010**) through the two selected countersunk holes in the base. Start an oval nut (**5760B - smooth side first**) on the ends of the screws and slide the Ultra Track Fence on the oval nuts. Check that the Ultra Track Fence is square to the base.

If using a Miter Bar, position the end of the Ultra Track Fence flush with the inboard edge of the base as illustrated.



If not using a Miter Bar, position the end of the Ultra Track Fence 1/2" in from the edge of the base, or far enough in from the edge so the cutter won't strike it.

Attach the Phenolic Sub-Fence (526A) to the Ultra Track Fence using two 5/8" screws (MF006) and oval nuts (5760B). Insert the screws thru the countersunk holes in the sub-fence and start the oval nuts, smooth side first, on the ends of the screws.



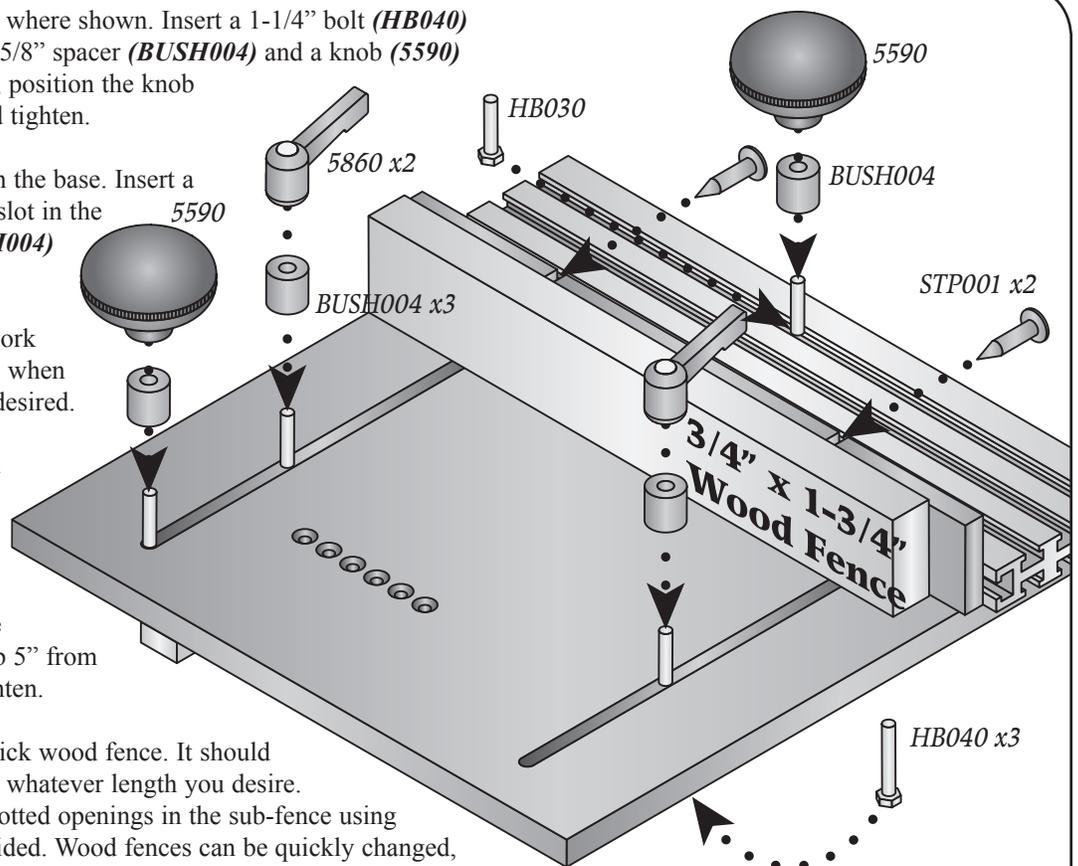
Slide the sub-fence on to the front T-slot of the fence, centering it, and tighten the screws.

Attach a knob on the base where shown. Insert a 1-1/4" bolt (HB040) thru the slot in the base, then a 5/8" spacer (BUSH004) and a knob (5590) on the end of the bolt. For now, position the knob at the far corner of the base and tighten.

Attach the two hold-ins on the base. Insert a 1-1/4" bolt (HB040) thru each slot in the base, then a 5/8" spacer (BUSH004) and a ratchet handle (5860) on the end of each bolt. The hold-ins are positioned against the work to help hold it against the fence when cutting, but can be removed if desired.

Attach a knob to the Ultra Track Fence. Insert a 1" bolt (HB030) in the T-slot shown in the fence, then a 5/8" spacer (BUSH004) and a knob (5590) on the end of the bolt. For now, position the knob 5" from the bit end of the fence and tighten.

Make and install a 3/4" thick wood fence. It should be approximately 1-3/4" tall by whatever length you desire. Attach the wood fence to the slotted openings in the sub-fence using the 3/4" screws (STP001) provided. Wood fences can be quickly changed, so make extras to cover all the zero-clearance bit profiles you need.



ASSEMBLE CLAMPS

Assemble the two Inboard Clamps (**6305IC**) according to the directions included. For now, attach one Inboard Clamp at each end of the fence where shown.

INSTALL CUTTER

Install the router bit/cutter in your router or shaper. Adjust the bit height, taking into account the 1/2" thickness of the base. We use an extra thick base to insure that there's no distortion to the base when you use the toggle clamp. Most cope bits and routers will work with this sled, but

make sure you have at least 3/4" to 1" of the router bit shank in the router before making any cuts. If extra bit height is needed, you may need to use a collet extension. Make sure the bit/cutter will not strike the Ultra Track fence!

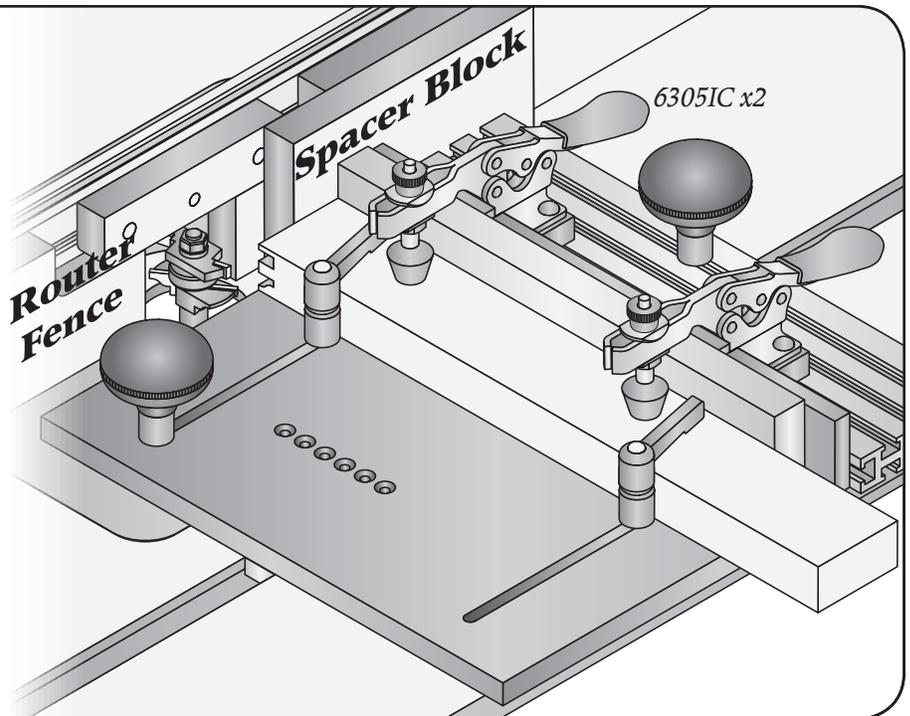
OPTIONAL ACCESSORIES

The **6305R 1" Riser Kit** (one per clamp required) increases the clamp capacity by 1". The **6305OC Outboard Clamp** attaches to the Sled Base and helps clamp wide boards. The **525S Flip Stop** provides an adjustable work stop.

USING WITH THE MITER BAR

The fence must be parallel to the miter slot for this method to work. Attach a spacer to the infeed side of the router fence. Adjust the router fence so the face of the spacer is in line with the edge of the bearing on the cope bit. To position the work, place the miter bar of the Coping Sled in the miter slot of your router table. Place the work against the coping sled fence and butt the end of the work against the spacer on the router fence. Make sure the router bit will not strike the Ultra Track fence!

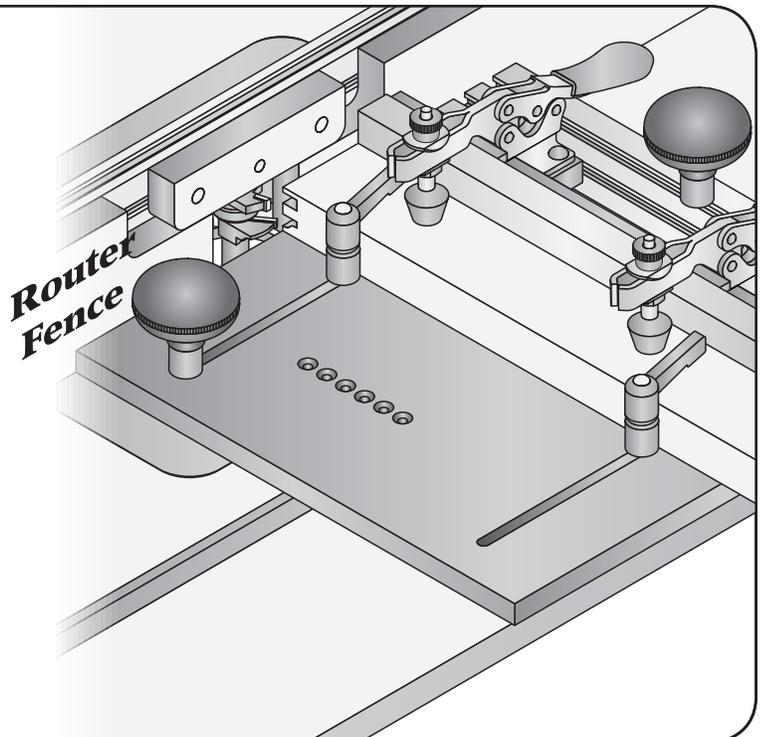
Slide the hold-ins against the work and tighten the ratchet handles, then clamp the work down using the toggle clamps. Turn the router on and, holding both knobs, slide the Coping Sled forward past the bit. In the unlikely event the work moves during the cut, glue a strip of 180 grit sandpaper on the base.



USING WITHOUT THE MITER BAR

The fence does not need to be parallel to the miter slot for this method to work. The cutter may cut into the sled base. As long as approximately 1/4" of the thickness of the base material remains, it's OK to cut into the base. Adjust the router fence so its face is in line with the edge of the bearing on the cope bit. To position the work, place the Sled Base against the infeed side of your fence, place the work against the coping sled fence and butt the end of the work against the router fence. Glide the Sled Base along the router fence to make the cut. Make sure the router bit will not strike the Ultra Track fence!

Slide the hold-ins against the work and tighten the ratchet handles, then clamp the work down using the toggle clamps. Turn the router on and, holding both knobs, slide the Coping Sled forward past the bit. In the unlikely event the work moves during the cut, glue a strip of 180 grit sandpaper on the base.



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