



SAFETY

Always **unplug** your router motor before making any adjustments to the router lift.

Refer to your router's owner's manual for specific safe operation instructions.

INSTALLING A PC-7518 ROUTER MOTOR

Set the lift face down in the opening of your router table. Alternatively, you can set it on two spacers at least 1" thick.

Make sure the lift carriage is set as close to the plate as possible (approximately 2-1/4"). If the carriage requires coarse adjustment, jump ahead to the section on using the Lift Wrench on page 3, then return here once the carriage has been moved up against the gear box.

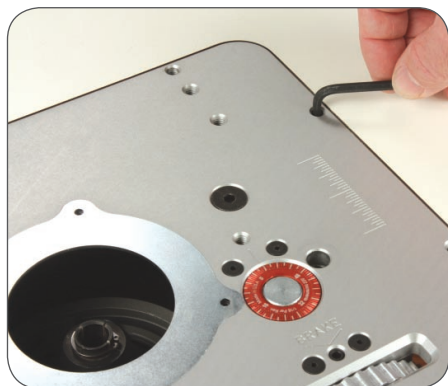
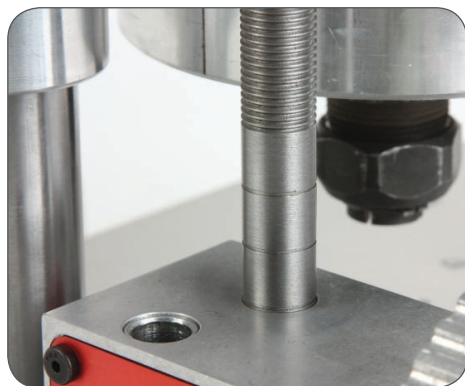


Ensure the four (4) clamp screws are loose enough to allow for the motor to be inserted. Next, carefully insert the motor until the motor contacts the plate. Rotate the motor so that the cord and speed adjustment are clear of the posts. Make sure no part of the router interferes with the lift. Make sure that none of the motor pins are being clamped by the pads.

Now tighten the clamp screws. Only three are accessible at this point. Flip the lift right side up and set it into the table opening. Use the lift wrench to lower the carriage a couple of inches. Now tighten the fourth screw.

SETTING THE FINE ADJUSTMENT LIFT ROD

The thumb wheel allows for a total of 3/4" of fine adjustment. It's helpful to start out in the middle of this range. Take a look at the lift rod. You'll notice three grooves spaced 3/8" apart. The three grooves represent the beginning, middle, and end of travel. Use the thumb wheel to adjust the lift rod to the middle groove which is the middle of the adjustment range. It may be necessary to adjust the lift rod to see all three grooves.

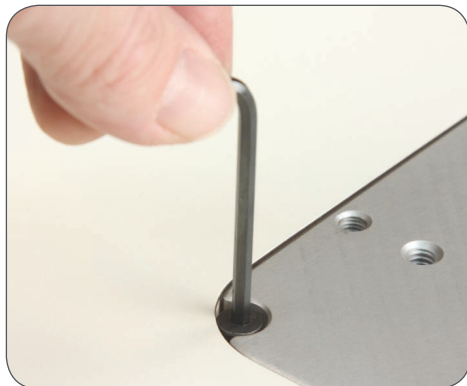


SETTING THE PLATE FLUSH

The (10) threaded holes around the perimeter of the plate are for access to the leveling screws mounted into your INCRA Router Table. Insert the supplied 5/32" hex key through these holes to adjust. If you have purchased the PRL-V2 for use in other (non-Incra) router tables, insert the included set screws into the threaded holes for leveling.

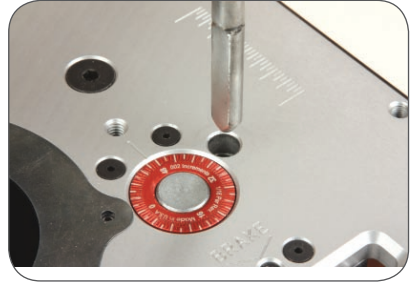
LOCKING THE PRL-V2 IN YOUR TABLE RECESS

Lift the PRL-V2 from your router table recess and thread the included socket head cam screw into the hole located at the corner of the plate. Thread the fastener in until the top of the screw is just below the top of the plate. Carefully lower the PRL-V2 back into the router table, making sure the cam screw is rotated to clear the opening in your table top. Turn the fastener clockwise to lock the PRL-V2 in your table.



USING THE LIFT WRENCH

To use the lift wrench, orient the black grip so that it is parallel to the front edge of the plate with the flat side pointing to the left. Insert the wrench (compressing the spring) until it bottoms out in the carriage. As you rotate the wrench in either direction, the locking mechanism will release, allowing the router to be raised or lowered.



Once the router is near the desired position (within 3/8" or less), re-orient the wrench handle to the original position, pointing left and parallel with the front edge of the plate. This will lock the motor in place and allow for fine tuning with the thumb wheel.



NOTE: The wrench comes pre-assembled with an assist spring. This spring is rated to lift most of the weight of the PC-7518 motor. The spring eliminates the need to hold down the plate while making course adjustments. The spring can be easily removed by simply loosening the small set screw in the white plastic foot.

The PRL-V2 also features a brake. For most routers, the brake isn't necessary. However if you experience vibration while routing, the brake will prevent the bit height from changing on its own. A 1/8" hex key is supplied for the brake. **DO NOT OVER TIGHTEN THE BRAKE.** A little pressure is all that is required.



In spite of having a brake, it is imperative to make sure the vibration isn't being caused by dirt, dust or rust on the router bit shank, collet or collet taper. Make sure these surfaces are completely clean. Apply a small amount of light machine oil to the inside of the taper before re-assembly. Run-out typically causes vibration and can lead to premature router bit failure.

CHANGING MAGNA-LOCK RING

To remove the ring insert, slide the included 3/32" hex key into the access hole and lift up. When inserting the new ring, orient the plate so that the access hole feature on both the PRL-V2 and the Magna-Lock ring are aligned and carefully lower the ring into the recess. **TIP:** The Magna-Lock ring is keyed to fit only one way. If it doesn't align on the first try, flip it over and try again.



CHANGING BITS

First remove the Magna-Lock ring. Now use the lift wrench to raise the router collet completely above the plate. Use the wrenches supplied with your router to change the bit.

MICRO-ADJUSTING

The thumb wheel permits easy fine adjustments to your depth of cut without any special tools. Rotating the thumb wheel to the left raises the router bit; rotating to the right lowers the bit.

The red micro adjust scale disc behind the thumb wheel can be zeroed to any position. It is typically set to zero once the router bit is at the desired height. Then you can easily make a specific, fine adjustment with the thumb wheel while the scale tracks the movement. The scale is adjusted by rotating the knurled disc in either direction using your finger.

