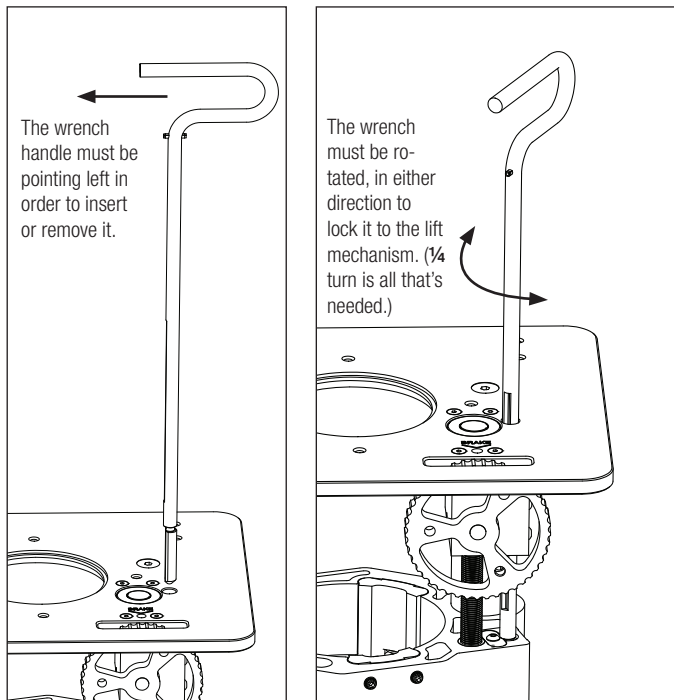




Protected by one or more of the following U.S. Patents; 6,505,659; 7,559,347; 7,481,253; 7,108,463 and other patents pending.

SAFETY

Always unplug your router motor before making any adjustments to the router lift. Refer to your routers' owners manual for specific safe operating instructions.



USING THE LIFT WRENCH

The Lift Wrench is typically used without the lift spring and comes without the lift spring installed.

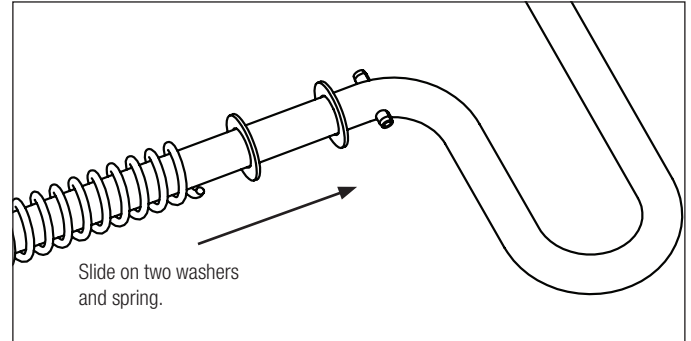
To change the router motor height, orient the wrench with the handle pointing left toward the adjustable scale.

Insert the wrench until it's COMPLETELY BOTTOMED OUT. Once it's all the way in, try and rotate it. If it doesn't turn, it isn't in. Do not force the wrench. Take it out, push it back down and try again. Once it turns easily, simply rotate it in either direction to lock the handle to the carriage. Now raise or lower your router as needed.

THE LIFT SPRING

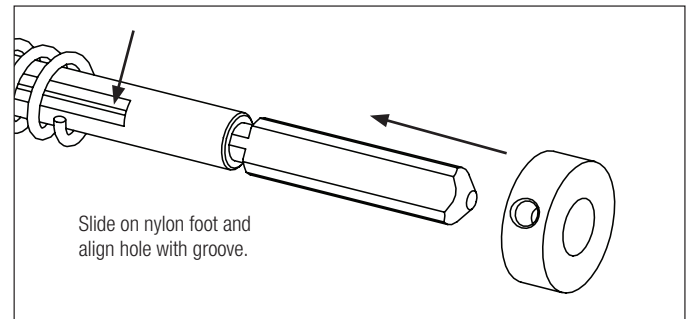
Typically the lift spring is not needed for satisfactory operation of the router lift. If the router motor is too heavy to lift comfortably, the spring is helpful.

INSTALLING THE LIFT SPRING



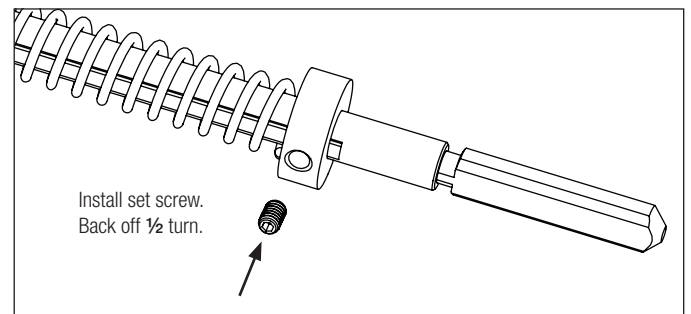
STEP 1:

Slide on the two washers and the spring as shown.



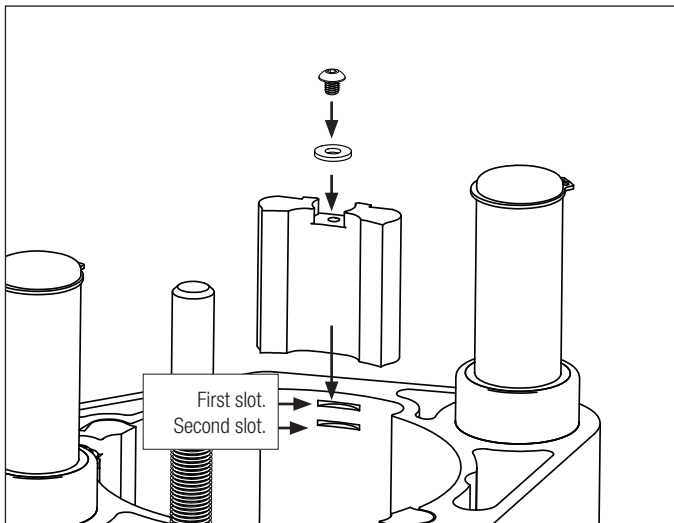
STEP 2:

Slide on the nylon foot and align the threaded hole with the groove in the wrench. You have to compress the spring slightly to position the threaded hole over the groove.



STEP 3:

Install the small set screw. Turn the screw all the way in until it bottoms out. Then back it off approximately ½ a turn. Try inserting the lift wrench into the router lift and compressing the spring. If it feels like the screw is dragging, back it out another ½ a turn.



INSTALLING MOTOR PADS

STEP 1:

Begin with the router lift face down in your router table. Slide in one of the pads. Before you slide it all the way in, set a washer into the recess. Slowly lower the pad into position until the washer slips into a slot.

For the Porter-Cable 7518/7519/890/892 and Milwaukee 5625, use the first slot. For all other routers use the second slot.

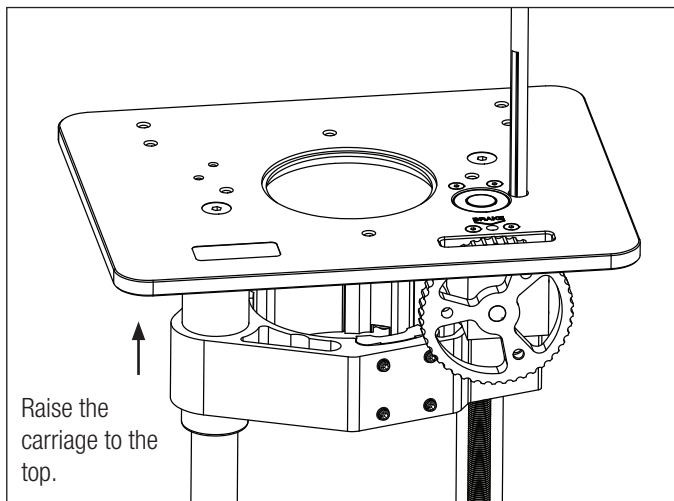
STEP 2:

Install the small screw and tighten with supplied $\frac{5}{64}$ hex key. Repeat this procedure for all three pads.

INSTALLING THE ROUTER MOTOR

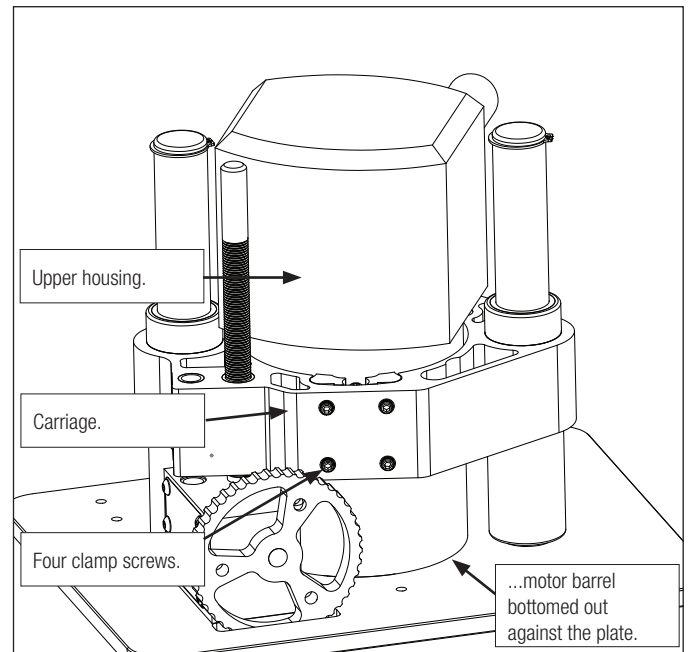
NOTE: The motor length will determine whether above the table bit changes are possible. Shorter motor barrels like that of the PC690, Bosch 1617/1618 and a few others are too short for above the table bit changes. Offset wrenches and collet extenders can help.

(In the interest of clarity, a router table is not shown in these illustrations.)



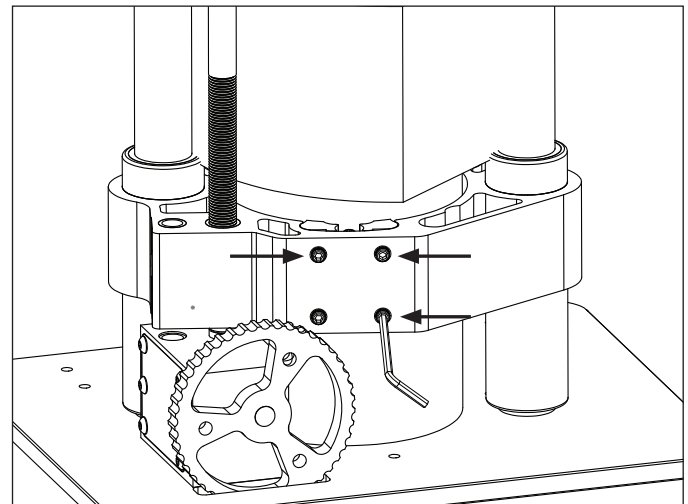
STEP 1:

Set the V2 into the opening of your router table. Use the lift wrench to pull the carriage all the way up.



STEP 2:

With all four clamp screws loose and the motor pads installed, insert the motor into the carriage. Insert it completely until the upper housing touches the carriage or the motor barrel bottoms out against the plate. If the motor has pins protruding from the barrel, make sure they don't interfere with the clamp pads.



STEP 3:

Tighten the three accessible clamp screws. Flip the V2 right side up and use the lift wrench to move the carriage away from the plate a couple of inches. Now flip it back over and tighten the last screw.

Do not over tighten the clamp screws. Over tightening can cause binding between the posts and sleeve bearings making it difficult to make adjustments.

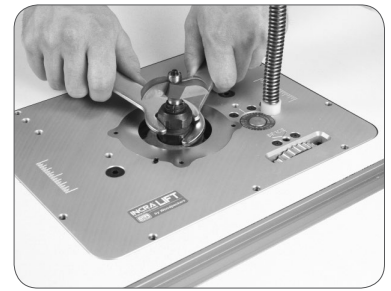
CHANGING MAGNA-LOCK RING

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.



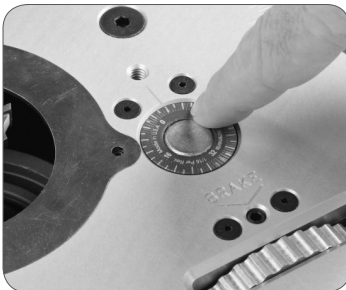
CHANGING BITS

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.

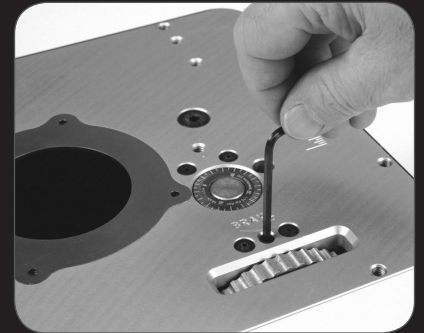
SETTING THE PLATE FLUSH

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.



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.



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.

