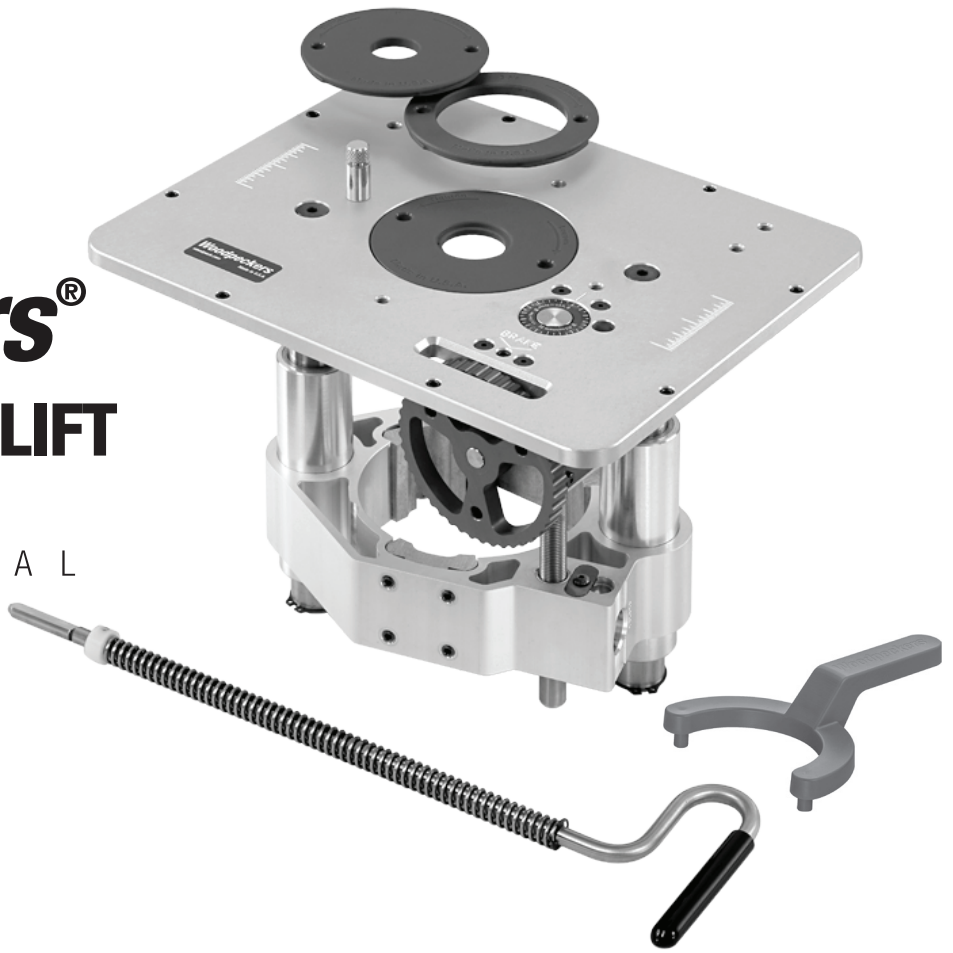


# Woodpeckers®

## PRECISION ROUTER LIFT

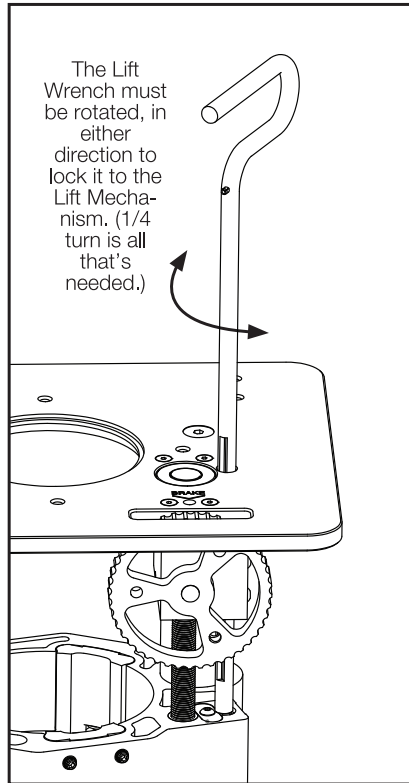
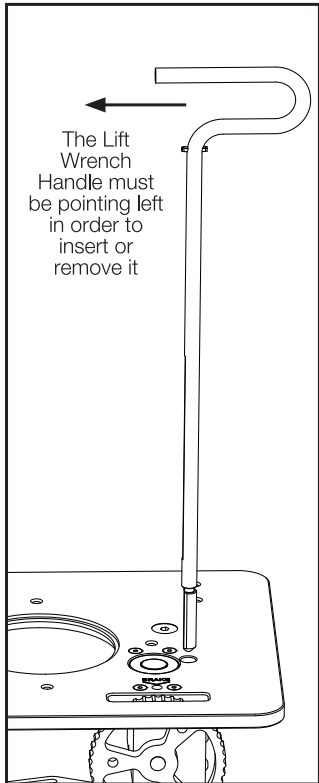
### PRL-V2

OWNER'S MANUAL



Patents Pending  
U.S. Patent #6,505,659;  
#6,948,892; #7,108,463;  
#7,559,347; #8,282,323;  
#7,481,253

**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 Spring installed. *Installation of the Spring detailed on Page 2.*

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

Insert the Lift 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 Lift 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.

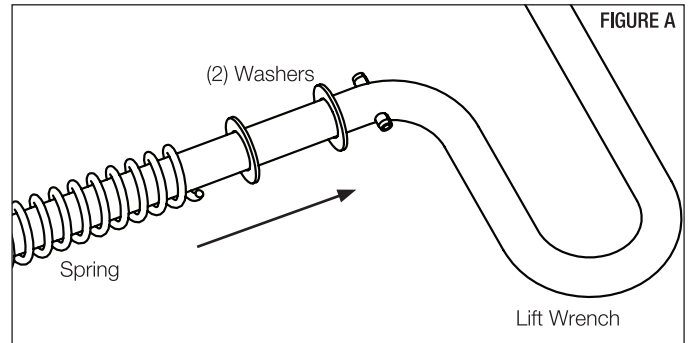
If you think you're missing anything, email us at [mailroom@woodpeck.com](mailto:mailroom@woodpeck.com).  
You can also call us at 800-752-0725 from 9:00 a.m. to 5:00 p.m. EST Monday - Friday.

## THE LIFT SPRING

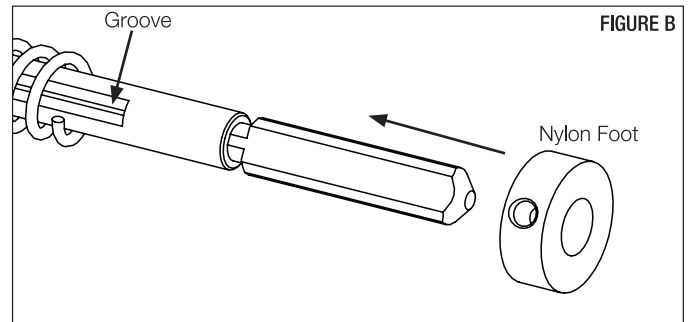
Typically the Lift Spring is not needed for satisfactory operation of the Precision Router Lift (PRL-V2). If the router motor is too heavy to lift comfortably, the Lift Spring is helpful.

### INSTALLING THE LIFT SPRING

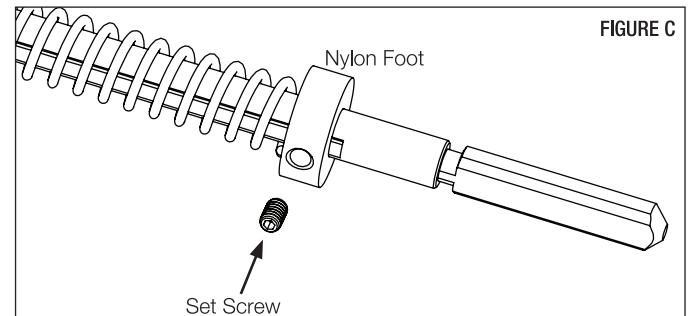
1. Slide on the (2) Washers and the Spring as shown. **FIGURE A**



2. Slide on the Nylon Foot and align the threaded hole with the groove in the Lift Wrench. You have to compress the Spring slightly to position the threaded hole over the groove. **FIGURE B**



3. Install the small Set Screw. Turn the Set Screw all the way in until it bottoms out. Then back it off approximately 1/2 a turn. **FIGURE C**



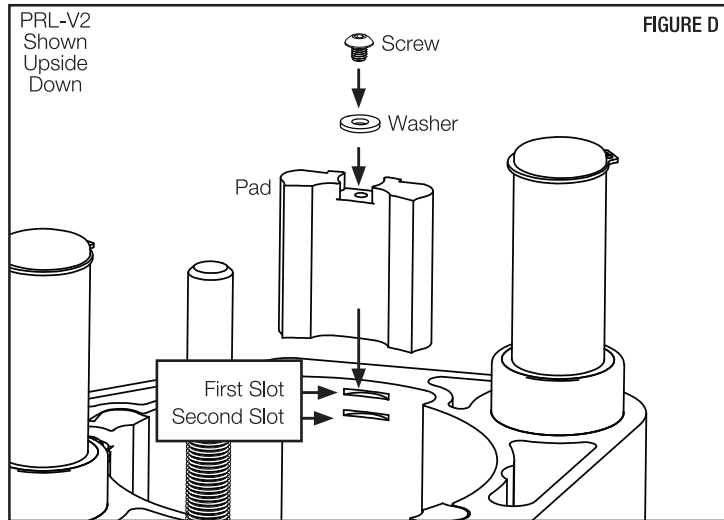
Try inserting the Lift Wrench into the PRL-V2 and compressing the Spring. If it feels like the Set Screw is dragging, back it out another 1/2 a turn.

## INSTALLING MOTOR PADS

4. Begin with the PRL-V2 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. **FIGURE D**

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

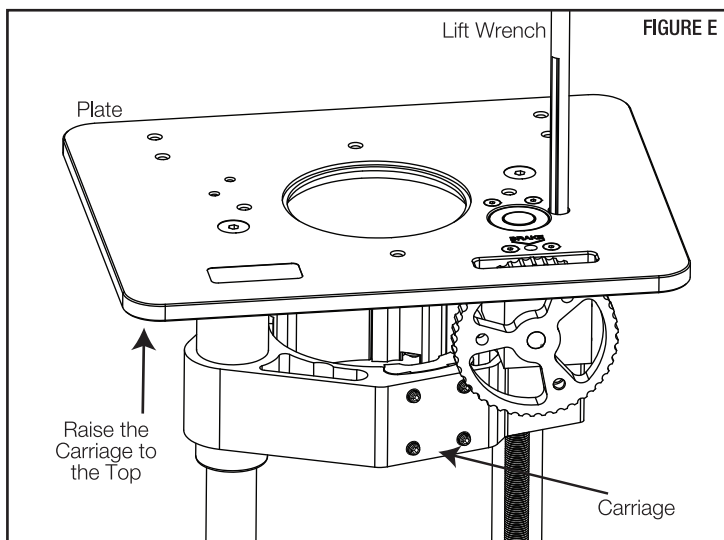
5. Install the small Screw and tighten with supplied 5/64 Hex Key. Repeat this procedure for all (3) Pads.



## INSTALLING THE ROUTER MOTOR

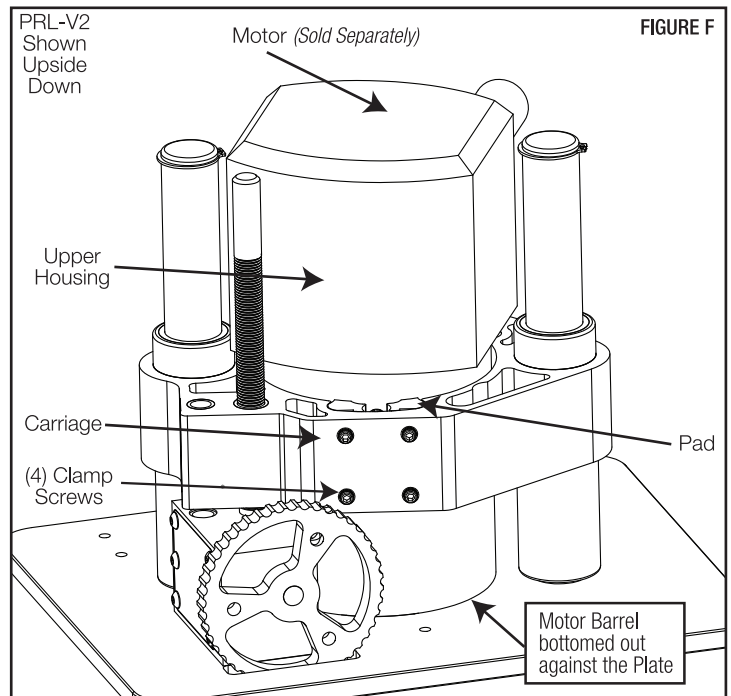
NOTE: The motor length will determine whether above the table bit changes are possible. Shorter motor barrels like that of the PC690, Bosch 1617/1618 and a few others are too short for above the table bit changes. Offset wrenches and collet extenders can help.

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



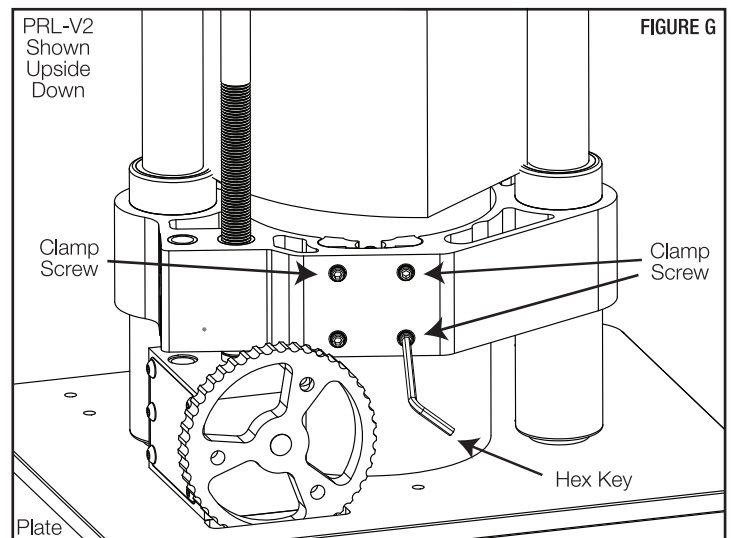
6. Set the PRL-V2 into the opening of your router table. Use the Lift Wrench to pull the Carriage all the way up. **FIGURE E**

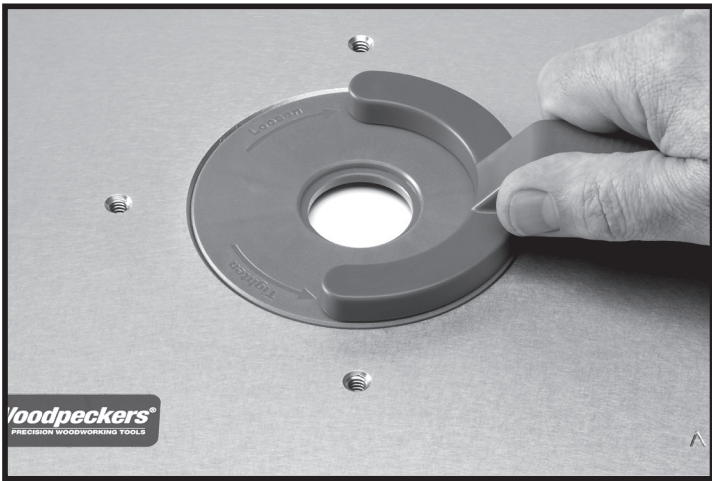
7. With all (4) Clamp Screws loose and the motor Pads installed, insert the motor (Sold Separately) into the Carriage. Insert it completely until the upper housing touches the Carriage or the motor barrel bottoms out against the Plate. If the motor has pins protruding from the barrel, make sure they don't interfere with the clamp Pads. **FIGURE F**



8. Tighten the (3) accessible Clamp Screws. Flip the PRL-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. **FIGURE G**

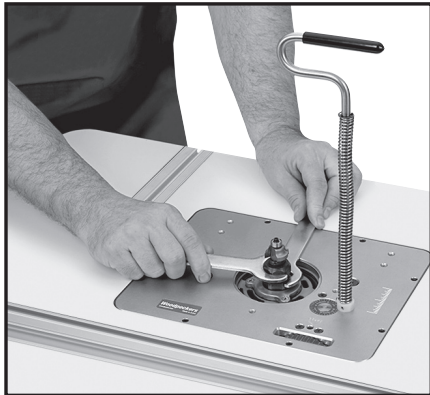
Do not over tighten the Clamp Screws. Over tightening can cause binding between the posts and sleeve bearings making it difficult to make adjustments.





## CHANGING RINGS

The Spanner Wrench is used to change Rings. All Twist Lock Rings use left hand thread. This means that you rotate the Ring counter-clockwise to tighten, clockwise to loosen. This is the opposite of a typical fastener. Three Rings are supplied with each lift, 1", 2-5/8" and a Step Ring. *An additional set of eight rings is available on Woodpeck.com.*

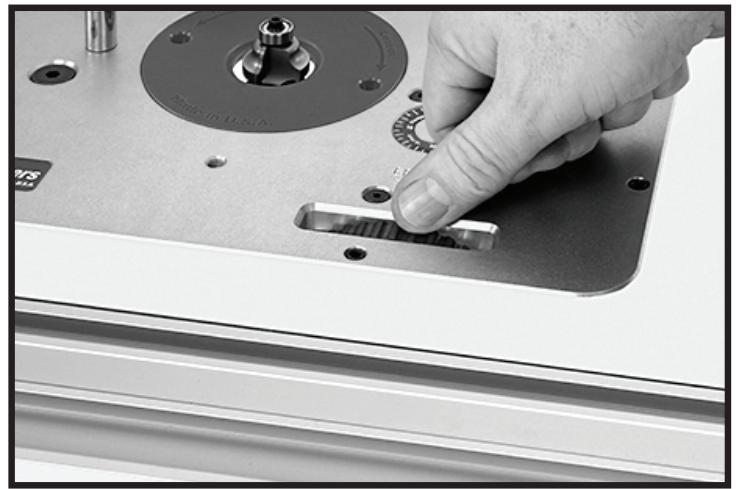


## CHANGING BITS

First use the Spanner Wrench to remove the Twist Lock Ring. Now use the Lift Wrench to raise the router chuck completely above the Plate. Use the wrenches supplied with your router to change the bit.

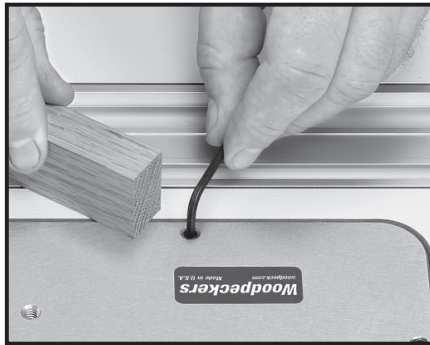
## ADJUSTING THE SCALE

The Scale in the top face can be zeroed to any position. It's 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 referencing the Scale. The Scale is adjusted by pushing in either direction from around its edge.



## FINE ADJUSTMENTS

The Thumb Wheel allows for micro-adjustment from any vertical position of your router. Moving the Thumb Wheel to the right will raise the router and to the left will lower it. Make sure to release the Brake Screw before making adjustments and re-tighten afterward.



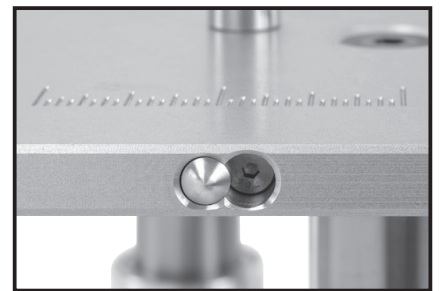
## LEVELING THE PLATE

The (8) Set Screws around the perimeter of the Slate are leveling screws. They are used for setting the Plate flush to the table. Initial leveling should be done with just (4) of the screws, two each on

opposite ends of the Plate. Once the Plate feels flush, use a block of wood to make sure it doesn't catch going either direction then adjust the remaining Screws.

## ADJUSTING SIDE PLUNGERS

The Lift Plate has two side Plungers which are set at the factory for moderate resistance to side play. A 5/64 hex key can be used to adjust the Plunger in or out depending on your table opening. Limit adjustments to no more than two turns in either direction.



# Woodpeckers®

PRECISION WOODWORKING TOOLS

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**WARNING!** This product can expose you to chemicals, including chromium, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)