Congratulations on the purchase of your Rockler Router Lift FX! It makes it quick and easy to precisely set the cutting height of your router bit from the top of the table. For safe and effective installation and operation, please read the instructions fully before starting.
The Router Lift FX accepts the following routers:
Porter-Cable 690/890 series, Bosch 1617 and 1618 and DeWalt 610, 616 and 618.

Installing the Router

1. Insert the crank handle in the dial on the lift's top plate. Turn the crank clockwise to raise the carriage so that it just contacts the O-rings at top of the carriage shafts. The carriage should be all the way toward the top plate.

2. Before installing the router motor, set the unit upside down on blocks of wood so the router's collet will be able to extend through the center hole in the top plate. The motor housing must be able to contact the back of the center hole on the plate. Fig.1.

3. Open the cam lock clamp to accept the router motor and slide the motor into the carriage so the top of the motor housing just makes contact with the back of the center hole in the top plate. Then back it off about 1/16".

4. Rotate the motor so that the on/off switch and variable speed controls will be easily accessible to you when the lift is installed in your router table. Close the cam lock clamp to secure the motor in the carriage. Note: If the cam lock clamp is too loose to secure the router motor properly or is too tight to close fully, you will need to adjust its tension. Using a 1/2" wrench, turn the lock nut counterclockwise to loosen the clamp or clockwise to tighten. A small adjustment is all that is needed. Test and repeat in small increments until a correct fit is achieved. Fig. 2.

5. Fit the Router Lift FX in the center opening of your router table. It is sized to fit the openings of Rockler and Bench Dog router tables. If you are installing the Router Lift FX in a custom table application, you will have to fabricate the correctly sized opening yourself. Rockler offers a separate template (20956, sold separately) to make this operation easier and more accurate. Note: Your Router Lift FX comes with one insert ring with a pre-drilled 1 1/2" diameter center hole. Additional rings are available with different diameter pre-drilled holes and/or no pre-drilled holes for creating your own custom center hole diameters.

Using the Router Lift FX

1. Insert the crank handle in the dial on the lift's top plate and turn clockwise to raise your router. To lower, turn the handle counterclockwise. Keep in mind that one complete revolution equals 1/16" of change. Refer to the Adjustment Chart to determine the number of revolutions needed for particular fractional and decimal adjustments. Note: Do NOT use a cordless drill to raise and lower the lift carriage. The resulting friction will cause premature wear to the threads.

2. When you've achieved the height desired, remove the handle and place somewhere off the work surface for safety.
Re-adjusting the Thread Tensioning

The Router Lift FX features our patented thread-tensioning design, which holds the router in position when you set the cutting height. Thread tension is set at the factory, and depending on the amount of use, you may have to reset this adjustment periodically. If the bit height ever begins to drop during use, the thread tensioning probably needs to be reset.

1. Turn the Lift upside down, with the threaded height adjustment rod facing you.

2. With a 7/16” open-end wrench, loosen the 1/4” - 20 hex nut on the right side of the brass post next to the threaded rod. Then use a hex wrench to back out the set screw that threads through the nut until the brass tensioning collar can be turned. Fig. 3.

3. Rotate the brass tensioning collar (with vertical grooves) so it tightens against the rubber washer. Fig. 4. Note: A drop of oil on the rubber washer eases the rotation of the brass collar.

4. Tighten the brass collar, making certain that the set screw seats in one of the vertical grooves.

5. Tighten the 1/4” - 20 nut with the 7/16” wrench. The adjustment is complete.

Check Rockler.com for updates. If you have further questions, please contact our Technical Support Department at 1-800-260-9663 or support@rockler.com

### Adjustment Chart

<table>
<thead>
<tr>
<th>Fraction</th>
<th>Decimal</th>
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</table>
**Important Safety Instructions**

1. This tool is designed for specific applications as defined in the instructions and should not be modified and/or used for any other applications.

2. Before using the Rockler Dust Right Lathe Dust Collection System read, understand and follow all instructions and safety information provided.

3. For any tool that is used in conjunction with this product always read, understand and follow the instructions and safety warnings for that tool.

4. Before using this product, review and verify that all tools used with it are in proper working order as defined by the tool's owner's manual.

5. All safety equipment must be installed and working properly as defined by the tool's owner's manual.

6. Do not use this product until you have read the provided instructions and warnings and are confident you understand them.

7. Always wear safety glasses in compliance with ANSI safety standards and hearing protection and follow all standard shop safety practices including:
   - A. Keep your work area well lit and clean.
   - B. Use dust collection tools and dust face masks to reduce exposure to dust.
   - C. Keep children and bystanders away while operating your tools.
   - D. Maintain proper footing at all times and do not overreach.
   - E. Do not force the tool.
   - F. Unplug all power tools before making any adjustments or changing accessories.

8. Remain alert and use good judgment when using this tool. Do not use this tool if you are in any way impaired by medications, alcohol, drugs or fatigue.

9. Dress appropriately and remove all jewelry, secure loose clothing and tie up long hair before using this tool.

10. It is the sole responsibility of the purchaser of this tool to ensure that any third party reads and agrees to all the safety precautions outlined in this manual prior to using the tool.

11. Maintain these instructions and warnings as long as you own the tool. Keep in a place where they will be readily available for reference.

12. The user assumes all risk for the proper use of this tool and for ensuring product suitability for intended application.

13. These warnings and instructions do not represent the total of all information available regarding tool safety, use and technique. Always seek out opportunities to learn more and improve your skills and knowledge.

14. Before turning on the lathe, verify that all of the Lathe Dust Collection System components are installed properly and are securely tightened.

15. With the lathe off, hand-spin your workpiece to ensure that it will not come into contact with any part of the Lathe Dust Collection System.

16. While sanding, the lathe tool rest must be removed.

17. While sanding, keep the Dust Scoop in the sanding position (Dust Scoop is tilted vertically – i.e., not surrounding the workpiece but behind it) to prevent finger entrapment.

18. Always use sharp tools and practice proper woodturning technique.

19. Use the appropriate lathe speed for the work being done, as defined by your lathe manufacturer.

20. Be aware that, with your dust collection unit on, sand paper or rags may be drawn toward the Dust Scoop. Maintain awareness and use a secure grip.