



Maintenance:

Use the 1/8" black rubber pad, (included in every **Micro Fence®** package), under fingers or pliers to insure firm seating and to avoid damaging the stainless steel guide shafts or mounting pins during installation and/or interchanging. Be aware that some pliers have jaws so sharp that they can cut through the rubber pad. Alternatively, a wood-jaw vise or drill chuck offers methods of tightening and loosening.

Keep your **Micro Fence®** Circle Jig clean and well lubricated. Frequent dusting with compressed air or soft brush is highly recommended. A good quality, silicone-free dry lube/cleaner that will not stain wood, but will help to keep all stainless rods sliding smoothly. We use a product from Dynaglide called "Woodworking & Tool Dry Lubricant & Cleaner" which can be ordered from us.

Whenever guide shafts are installed, check their alignment to insure that they are parallel to each other. This can be checked by placing the mounting bar/ guide shaft assembly on any flat surface, (like a table saw top), and pressing the end of each guide shaft with your fingertip. If there is any deflection, that is, if either rod is off the table, press it gently in the appropriate direction and retighten. Recheck on the tabletop until both rods are touching equally. Keeping the guide shafts parallel in both directions and well lubed (we recommend DynaGlide dry lubricant), to maintain a smooth-sliding jig.

Occasional cleaning of the lead-screw thread with a good de-greasing agent will keep it operating smoothly. At the factory, we apply a single drop of oil in the spindle-locking screw hole for lubrication. Our preference is the lightweight Phil Tenacious bicycle oil.

The "feel" of your micro-adjusting spindle mechanism can be altered by increasing or decreasing the compression of the plated wave washer located under the 7/16" nylock nut. The torque on these assemblies is preset at Micro Fence to maximize rigidity and minimize deflection potential. Tightening the nut while holding the adjusting knob will make the spindle harder to turn; loosening the nut will make it easier. Be careful not to loosen the nut too far. Doing so could have an effect on the jig's rigidity under load as well as the accuracy of it's measuring capability.

It is normal for the brass locking screws to tarnish. Occasional polishing will restore their original lustre. This is easily accomplished by holding the screw shaft in a hand-held drill chuck (drill press or cordless), hand-tightening the chuck, and spinning the screw while touching the head with Scotch Brite or fine steel wool. Brass was chosen as the material for all our locking screws because it is softer than the stainless steel guide shafts. **If you lose any of these parts, be sure to avoid replacing them with steel or other types of screws. This could cause permanent scarring to your tool.** Replacement parts are available on our website.

See our latest brochure or visit our website at www.microfence.com for the latest information on our products and accessories.



The Micro Fence Circle Jig

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Complete coverage of router techniques and practice is beyond the scope of these instructions, but this knowledge is essential for safe and accurate work. If you haven't studied this topic we recommend reading any or all of the titles listed below.

Reading Recommendations:

Hylton, Bill and Matlack, Fred – Woodworking with the Router, Professional Router Techniques and Jigs Any Woodworker Can Use (hardcover)

Kirby, Ian – The Accurate Router, Quick Setups and Simple Jigs, Cambrium Press, Bethel, CT, distributed by Lyons Press, NY, NY, 1998. ISBN 0-9643999-7-0

Warner, Pat – The Router Book, A Complete Guide to the Router and Its Accessories, The Taunton Press, Inc., Newtown, CT, 2001. ISBN 1-56158-423-1

– **Fast, Easy & Accurate Router Jigs**, Popular Woodworking Books, an imprint of F&W Publications, Inc., Cincinnati, Ohio, 1999. ISBN 1-55870-486-8 (alk. paper)

– **The Router Joinery Handbook**, Popular Woodworking Books, an imprint of F&W Publications, Inc., Cincinnati, OH, 1998. ISBN 1-55870-444-2 (alk. Paper)

– **Getting the Very Best From Your Router**, Betterway Books, an imprint of F&W Publications, Inc., Cincinnati, OH, 1996. ISBN 1-55870-399-3 (alk. Paper)

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