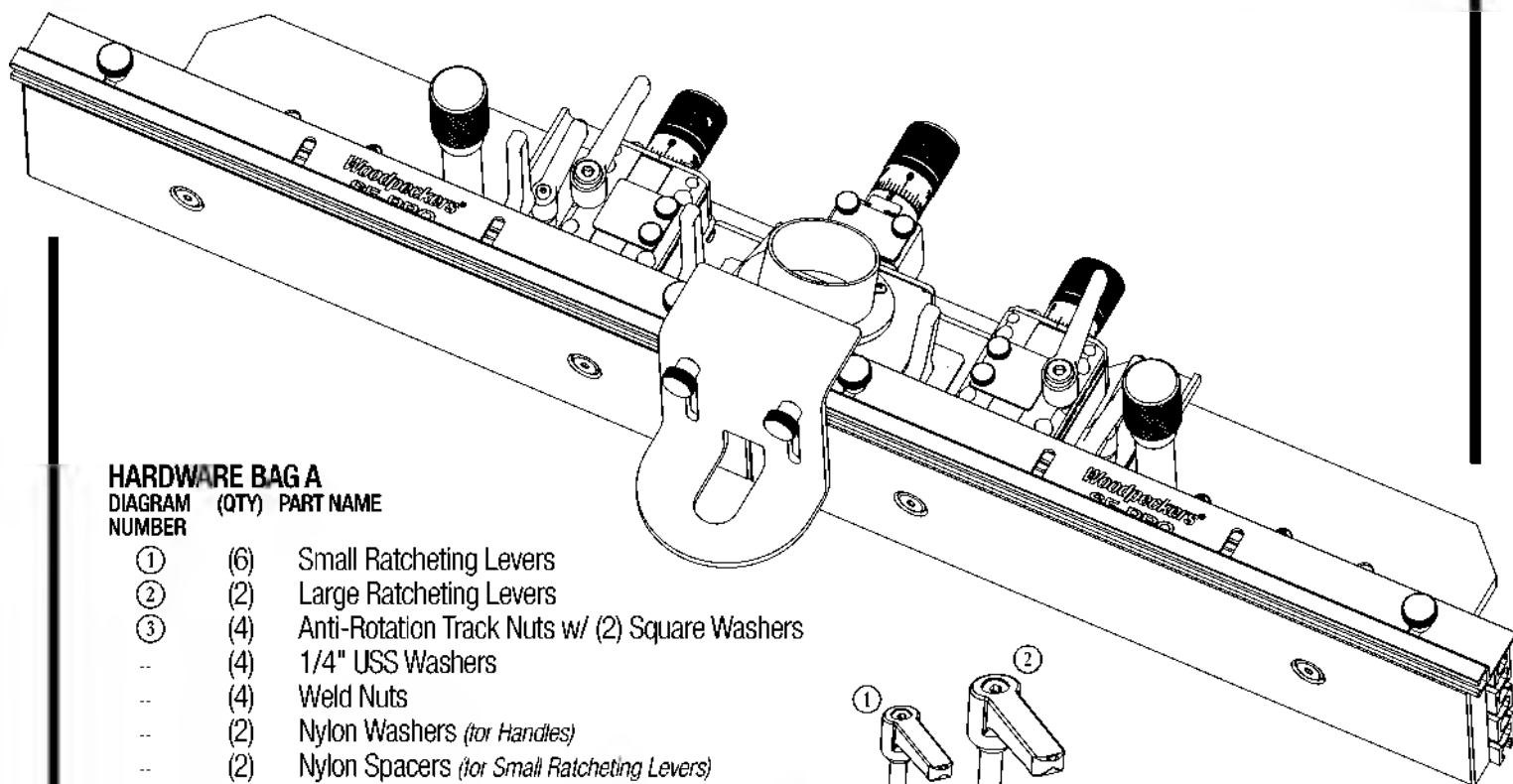


Woodpeckers®

SF-PRO UNIVERSAL ROUTER TABLE FENCE

OWNER'S MANUAL



HARDWARE BAG A

DIAGRAM (QTY) PART NAME
NUMBER

- ① (6) Small Ratcheting Levers
- ② (2) Large Ratcheting Levers
- ③ (4) Anti-Rotation Track Nuts w/ (2) Square Washers
- (4) 1/4" USS Washers
- (4) Weld Nuts
- (2) Nylon Washers (for Handles)
- (2) Nylon Spacers (for Small Ratcheting Levers)
- (1) 1/8" Hex Key
- (1) 1/16" Hex Key
- (1) T15 Torx Driver

HARDWARE BAG B

- (6) Nylon Spacers (for Fence Accessories)
- (6) Thumb Screws
- (6) Weld Nuts
- (1) 4mm Hex Key

HARDWARE BAG C

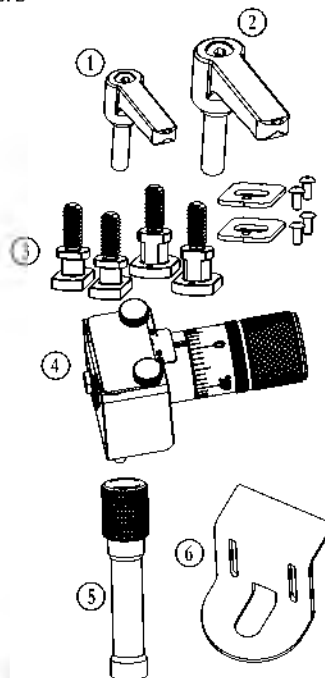
- ④ (1) Central Micro-Adjust Module

HARDWARE BAG D

- ⑤ (2) Handles

HARDWARE BAG E

- ⑥ (1) Bit Guard



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the bottom of the product page.

If you think you're missing anything, email us at mailroom@woodpeck.com.
Or, check the product webpage under the "Manuals" tab for an updated version of these instructions.
You can also call us at 800-752-0725 from 9:00 a.m. to 4:00 p.m. EST Monday - Friday.

I. INSTALL THE FENCE FACES

AT THIS POINT YOU WILL NEED:

- ① Small Ratcheting Levers (4)
- **HARDWARE:**
 - 1/4 USS Washers (4)
 - Weld Nuts (4)

1. Place a 1/4 USS Washer onto the shank of the Small Ratcheting Lever. Guide the shank into the slotted holes in the fence bracket. **FIGURE A.**

2. Thread a Weld Nut onto the end of the Small Ratcheting Lever ① with the raised portion of the Weld Nut facing away from the fence bracket. Leave loose for now. **FIGURE A-1.**

3. Repeat this step for all four Fence Face Ratcheting Levers.

4. Guide both fence halves onto the Weld Nuts and tighten the Fence Face Ratcheting Levers when the fences are roughly centered. **FIGURE B.**

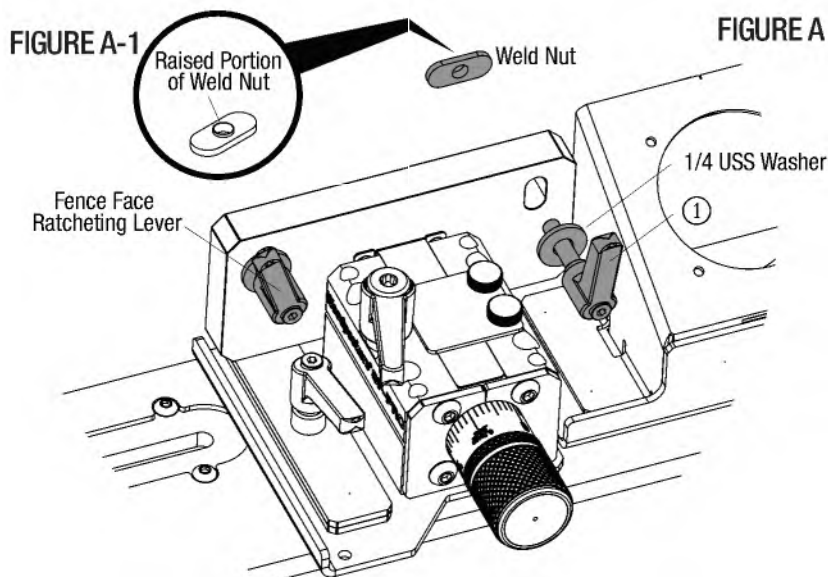


FIGURE A



PRO TIP

Once the lever is threaded into the tapped hole, pull up on the handle and use the included T15 Torx Driver to tighten the lever quickly and easily. All Ratcheting Levers work in this way.

II. ASSEMBLING THE MICRO ADJUST MODULES

AT THIS POINT YOU WILL NEED:

- ① Small Ratcheting Levers (2)
- ② Large Ratcheting Levers (2)
- **HARDWARE:**
 - Nylon Spacers (2)
 - Oval Nuts
 - 4mm Hex Key

1. Remove the two Small Shipping Bolts from the two Bearing Covers using the 4mm Hex Key. **FIGURE C.** You will not need to re-use these bolts.

2. Install a Nylon Spacer and Small Ratcheting Lever ① in place of each Shipping Bolt and tighten until they're snug.

3. Remove the two Large Shipping Bolts from the two Micro-Adjust Modules using a 5/16" Hex Key (*not included*). You will not need to re-use these bolts.

4. Install the two Large Ratcheting Levers ② in place of the two Large Shipping Bolts and tighten until they're snug.

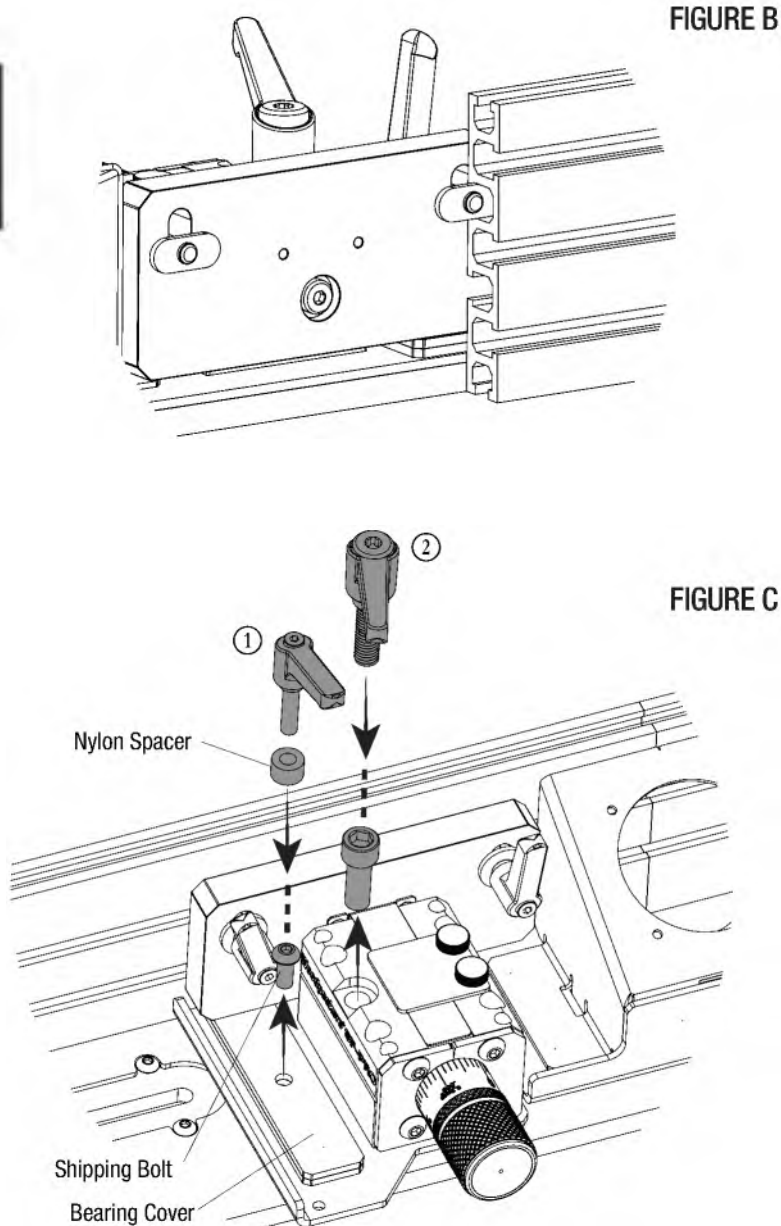


FIGURE B

FIGURE C

III. INSTALL THE CENTRAL MICRO ADJUST MODULE

AT THIS POINT YOU WILL NEED:

- ④ Central Micro-Adjust Module
- **HARDWARE:**
 - 4mm Hex Key

1. Remove the Pan Head Screw from the front of the Central Micro-Adjust ④ module. **FIGURE D.**
2. Completely remove the Lens Adjustment Thumbturn Screws and set the Lens aside. Leave the screws inside the Central Micro-Adjust Module in place. **FIGURE D.**
3. Loosen the Micro-Adjust Ratchet Levers and slide the fence forward, exposing two tapped holes in the Phenolic Base. **FIGURE E.**
4. Place the Central Micro-Adjust Module on the phenolic base and guide the head into the hole on the back of the Dust Port Housing.
5. Thread the Pan Head Screw into the Central Micro-Adjust Module from inside the Dust Port Housing. Firmly tighten the screw using the 4mm Hex Key. **FIGURE F.**
6. Slide the fence back slowly so the screws inside the Central Micro-Adjust Module drop into the tapped holes. Firmly tighten the screws using the 4mm Hex Key.
7. Back out the Central Micro-Adjust Dial by spinning it counter-clockwise until there's a small gap between the Dust Port Housing and the Micro-Adjust Module.
8. Re-install the lens with the engraved hairline reticle down on the scale and loosely install the two Lens Adjustment Thumbturn Knobs. **FIGURE D.**
9. Calibrate the lens by setting the reticle to "0" on both the inch and metric scales. Hold the lens in place while tightening the Lens Adjustment Thumbturn Knobs.

FIGURE D

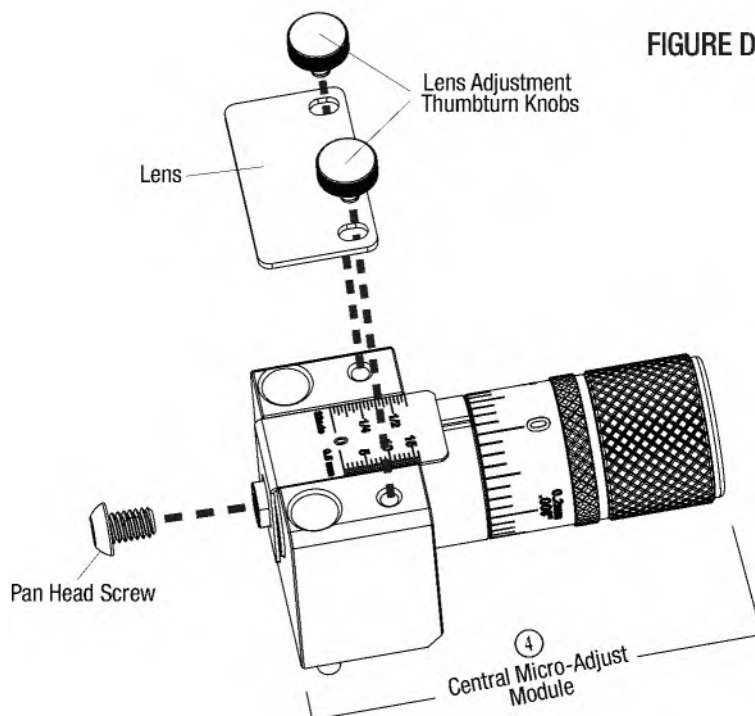


FIGURE E

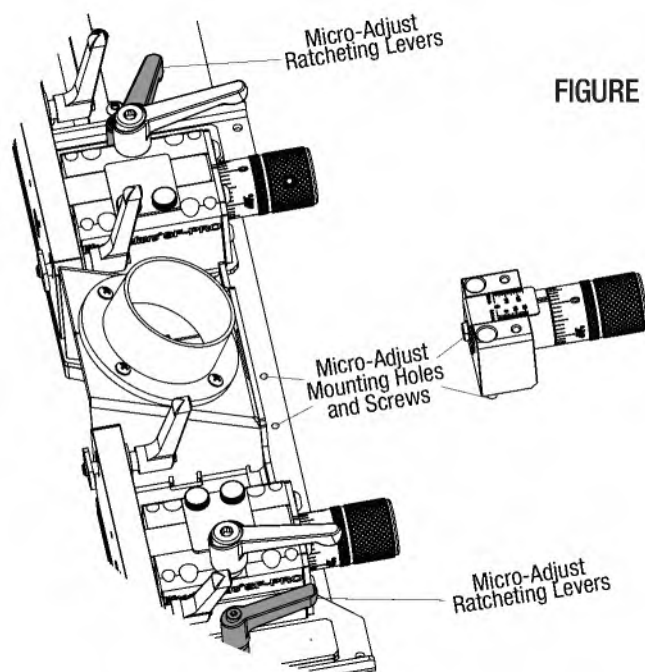
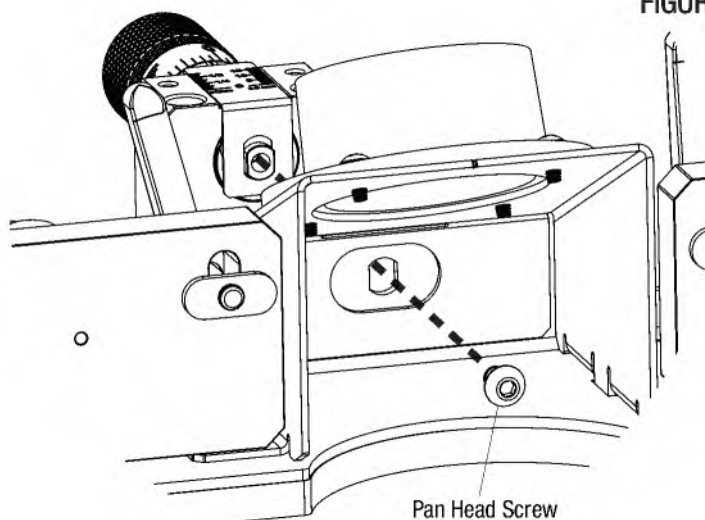


FIGURE F



IV. INSTALL THE HANDLES AND MOUNT TO YOUR TABLE

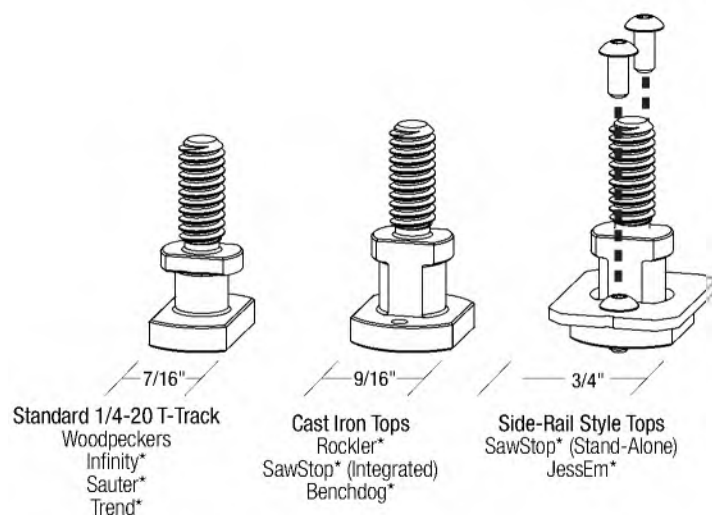
AT THIS POINT YOU WILL NEED:

- ③ Track Nuts (4), Square Washer (2), #4-40 Button Head Screws (4)
- **HARDWARE:**
 - 1/16" Hex Key

We've included Track Nuts ③ to accommodate a wide array of router table track designs. Determine which track nuts work for your router table using **FIGURE G**. For Side-Rail Style Tops, install the square washer onto the stem of the larger Track Nut using the included 1/16" Hex Key.

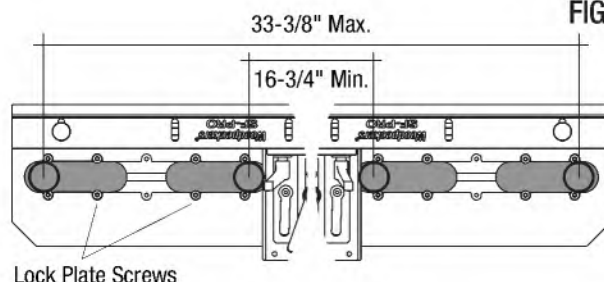
1. Crack loose the Lock Plate screws using the 1/8" Hex Key.
2. Determine the distance between the fence tracks on your router table. If greater than 25", slide the the plates out of the track and flip them around. The offset holes in the stainless Lock Plates should face out away from the center of the fence. **FIGURE H**.
3. Place the correct Track Nut (determined in step 1) from the bottom of the fence, through the slot and the hole in the stainless Lock Plate.
4. Install a plastic washer and handle on each of the Track Nuts. Leave the handle and Lock Plate screws loose.
5. At the router table, align the track nuts to the fence slots and slide the fence forward. Ensure the fence is centered on the router bit and roughly square to the table. Lock the Handles and tighten the Lock Plate Screws.

FIGURE G



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FIGURE H



V. ALIGNING THE FENCES

Your SF-PRO Universal features custom fasteners that keep the infeed fence locked in calibration while you calibrate the outfeed fence coplanar to the infeed. Both Micro-Adjust modules have four Calibration Lock screws and four Calibration Set screws. After initial calibration, do not loosen all four Calibration Lock screws at the same time as you will lose your previous setting.

1. First, remove the sacrificial fences, featherboard tracks, and bit guard, if installed. Bring the aluminum fence halves together near the middle of the dust port opening.

2. Square the Infeed fence to the table first.

A. Using a reliable square, such as a Woodpeckers DelVe Square, check the fence for square to the table and the router lift plate. **FIGURE I.**

B. Determine which Calibration Set Screws need adjustment.

i. If there is a gap between the fence and square at the top, the two rear Calibration Set screws need adjustment clockwise.

ii. If there is a gap between the fence and square at the bottom, the two front Calibration Set screws need adjustment clockwise.

C. Once you've determined the adjustment necessary, loosen only the two adjacent #10-32 Calibration Lock screws using the 4mm Hex Key. **FIGURE J.**

D. While holding the square against the fence face, adjust one 1/4-20 Calibration Set screw clockwise using the 1/8" Hex Key until the gap between the square and fence disappears.

E. Typically, one set screw will be enough to adjust the fence square and the second set screw can be adjusted the same amount until it just touches the base (just before it begins to adjust the fence past square).

NOTE The Calibration Set Screws have a thread locking patch that may make it feel as though it's already tight or contacting the base.

3. Align the Outfeed Fence to the Infeed Fence

A. Unlock the Micro-Adjust Ratcheting Lever on the infeed fence and adjust the infeed until the scale reads "0". Lock the Micro-Adjust Ratcheting Lever. Do not force the Micro-Adjust Dial; you can re-calibrate the lens to "0" if needed.

B. Unlock the Micro-Adjust Ratcheting Lever on the outfeed fence and adjust the fence in line with the infeed fence, feeling the seam between the two fence faces to check for alignment.

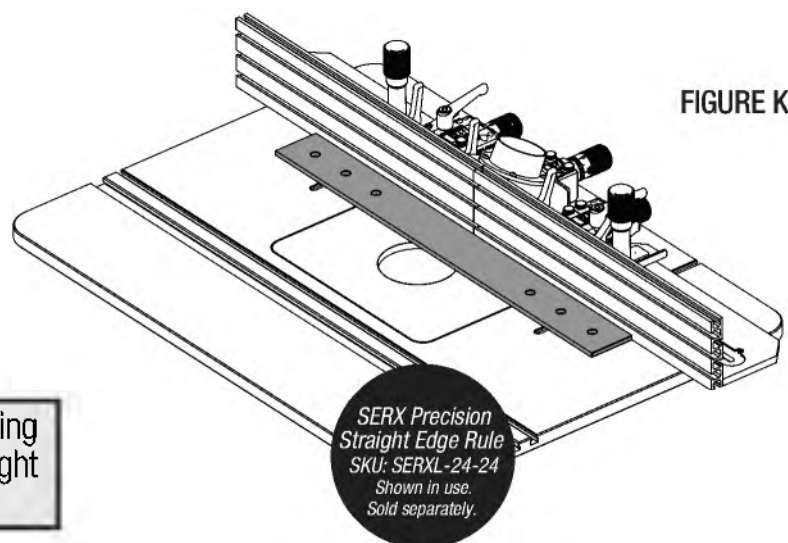
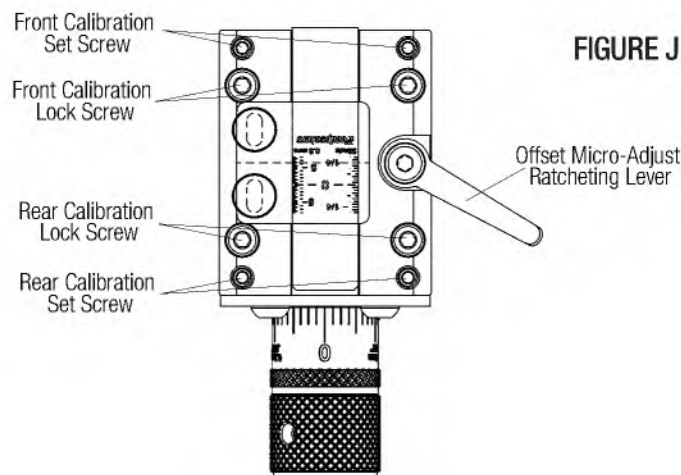
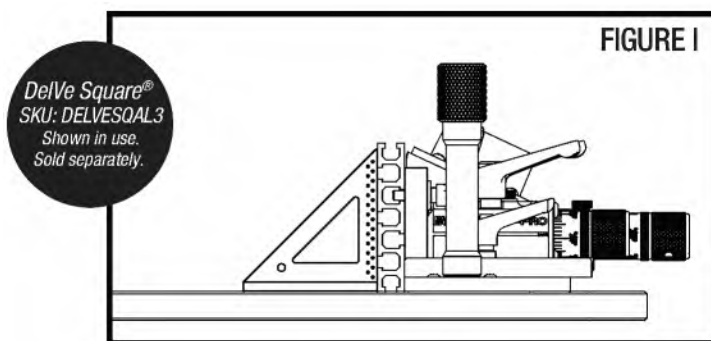
C. The goal here is to make the outfeed fence face coplanar with the infeed fence face. Simply squaring the fence to the table and aligning the seams may lead to misaligned faces that may interfere with the cut. A lot of this is accomplished by feel and adjustments may need to be made in tandem for a perfect setting.

D. With the seams roughly aligned, first loosen all four Calibration Lock Screws on the outfeed fence using the 4mm Hex Key.

E. Using a reliable straight edge, such as Woodpeckers SERX, align the bottom of the outfeed fence to the infeed. You may need to temporarily loosen the Fence Adjustment Ratcheting Levers. **FIGURE K.**

F. With the fence faces aligned straight, tighten the front Calibration Lock Screws. Now, align the top of the outfeed fence face flush to the infeed fence face by adjusting the rear Calibration Set Screws.

G. The fence faces are now coplanar. Reset both Micro-Adjust Lenses to "0".



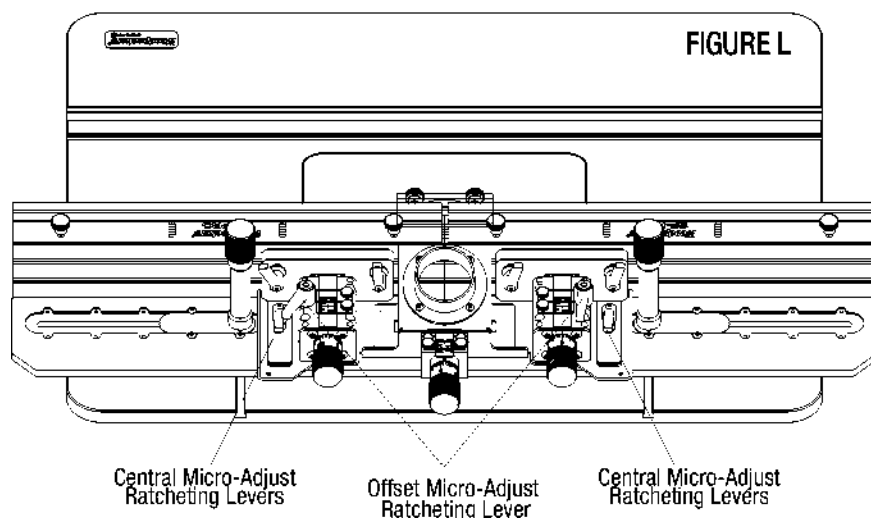
VI. USING THE MICRO-ADJUST MODULES

1. To adjust the position of either offset module, loosen the Offset Micro-Adjust Ratcheting Lever, then turn the knob to the desired position. Retighten the lever handle to lock in the adjustment. **FIGURE L.**

2. The scale on top of each offset module has $1/32$ " graduations on one side and .5 mm on the other. To zero the lens, loosen the Thumbscrews and adjust lens.

3. The dial on the knob can be zeroed for measuring movements. Each division represents .001" (or .025mm) movement of the fence. The dial can be re-positioned to dial in exact movements. The divisions line up with the notch in the stainless steel rear cap.

4. One way to test parallel between the two Fences is to set up the Fences with an offset then checking the path the board takes as you rout the edge.



A. Set up the Fence so the router bit sits just proud of the Infeed Fence. Begin feeding the board across the router bit. Stop feeding the board and turn off the router once the board extends past the bit about 3". **FIGURE M.**

B. Use the offset module to bring the Outfeed Fence out until it just touches the new edge of the board.

C. Retract the board fully away from the router bit. Turn on the router and feed it completely past the router bit.

D. Snipe looks like a small offset at the end of the board which happens when the end slips off the Infeed Fence and dives into the router bit. This is caused by the Outfeed Fence being slightly behind the front edge of the router bit **FIGURE N.**

E. Correct snipe by adjusting the Outfeed Fence again so it's lined up with the bit.

5. The central micro-adjust moves both fence halves at the same time without altering the relationship between the infeed and outfeed.

A. To adjust the entire fence with micro-adjust precision, unlock the two Central Micro Adjust Ratcheting Levers. Adjust the Central Micro-Adjust Dial until the fence is at the desired setting and lock the two Ratcheting Levers.

FIGURE M

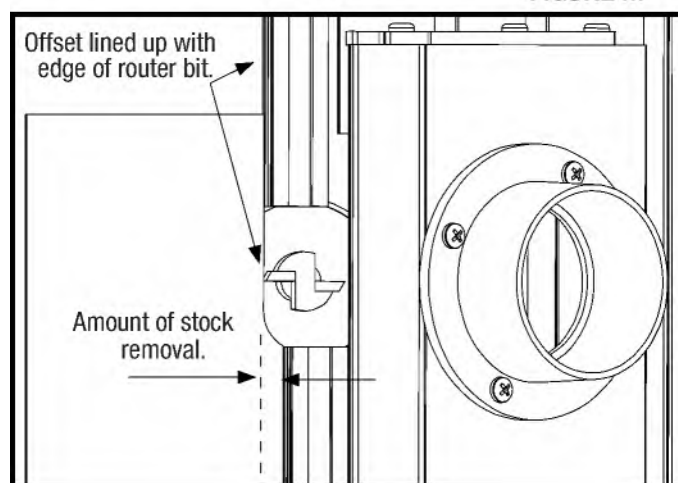
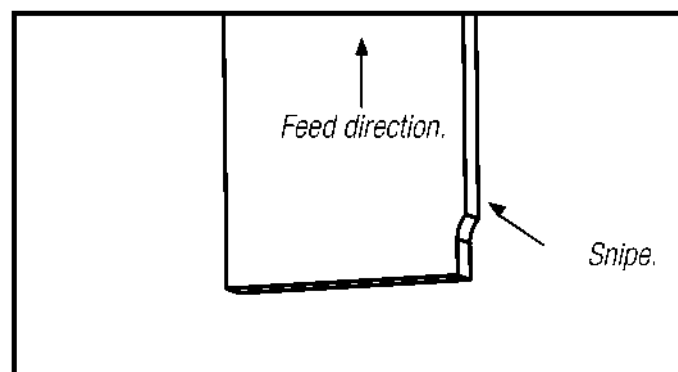


FIGURE N



VII. SUPER TRACK FENCES

1. The opening at the Dust Port can be adjusted as desired. To do so, loosen the Fence Position Ratcheting Levers on the and slide the fence halves to the desired location. Tighten the Levers to lock the position. Pull out the handle and turn to ratchet the clamp.
2. The slots on the Fences can be used for Flip-Stops, featherboards or other similar accessories using track nuts or 1/4" hex-head bolts.

VIII. SACRIFICIAL FENCES

1. The Sacrificial MDF Fences can be used or removed as required. The included 4mm Hex key fits into the connector bolts on the front side of the Fence.
2. There are a number of purposes for a Sacrificial Fence. Most often it's used to create zero clearance at the edges of the router bit. **FIGURE O.**
3. A zero-clearance fit between the Fence and the bit reduces tear out. Dimensions needed to make sub-fences are shown. **FIGURE P.**
4. Loosely install the hardware and slip the nuts into the center t-slot in the face of the aluminum fence. Repeat this for the other fence. **FIGURE Q.**
5. One note about making a zero-clearance fence. Because the router bit spins toward the infeed, only the infeed fence needs to be routed to reduce tear out. In fact leaving the outfeed fence spaced slightly away from the router bit will improve dust collection.

IX. DUST PORT

1. The Dust Port is sized to fit either 2-1/2" dust collection hose or 2-1/4" shop vac hose.

X. ATTACHING FEATHERBOARD TRACK

AT THIS POINT YOU WILL NEED:

- Featherboard Track
- **HARDWARE:**
 - Nylon Spacers (4)
 - 1/4-20 x 3/4" Thumbscrew (4)
 - Weld Nuts (4)

1. The Featherboard Track can be installed on one or both Fences. They are used in instances where a featherboard needs to be used along with a sacrificial wooden fence.
2. Each Featherboard Track is attached with 1/4-20 x 3/4" Thumbscrews, Black Nylon Spacers, and 1/4-20 Oval Nuts. Assemble the hardware into the Featherboard Track, then slip the Oval Nuts into the top T-slot of the Fence. Tighten both Thumbscrews to secure. **FIGURE R.**

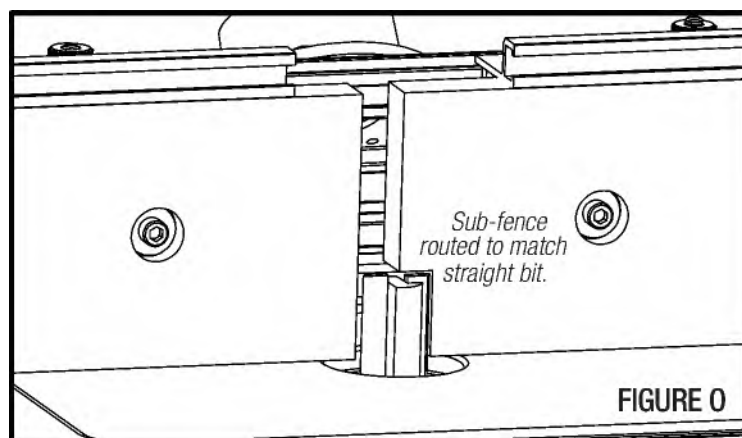


FIGURE O

FIGURE P

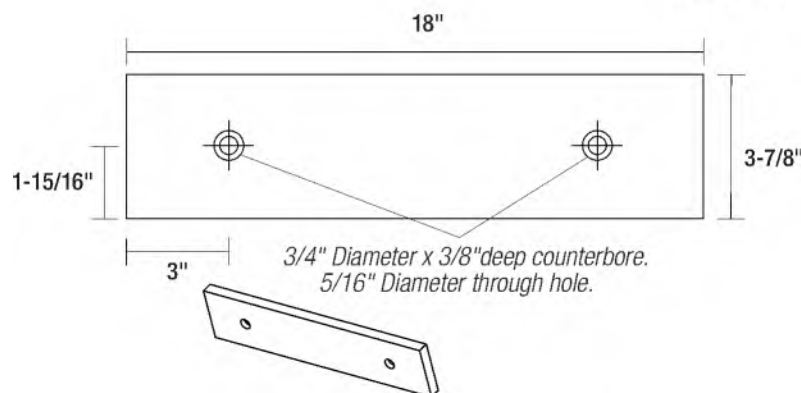


FIGURE Q

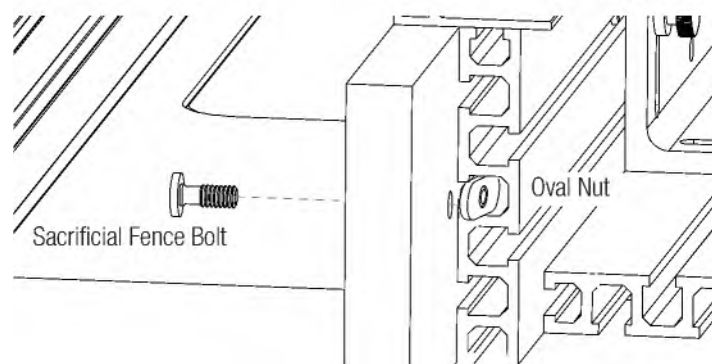
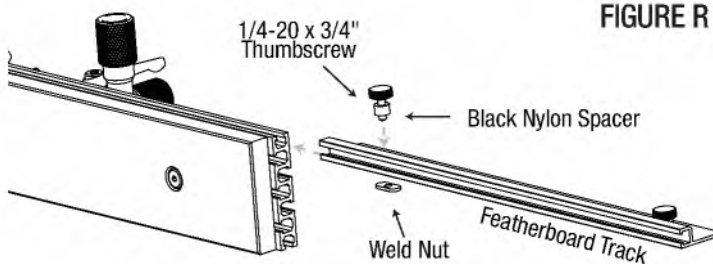


FIGURE R



XI. ATTACHING THE BIT GUARD

AT THIS POINT YOU WILL NEED:

- ⑥ Bit Guard

- **HARDWARE:**

- Nylon Spacers (2)
- 1/4-20 x 3/4" Thumbscrew (2)
- Weld Nuts (2)

1. The Bit Guard ⑥ can be attached directly into the slots of the 18" Fence with Sacrificial Fence, or into the slot of the Featherboard Track. It attaches the same in either case.

2. Pre-assemble the 1/4-20 x 3/4" Thumbscrews, Black Nylon Spacers, and 1/4-20 Oval Nuts into each of the two slots of the Bit Guard ⑥. **FIGURE S.**

3. Slide the Oval Nut into the T-slot in the Featherboard Track or any of the slots in the Fence.

4. Position the Bit Guard ⑥ in the desired location and tighten both knobs.

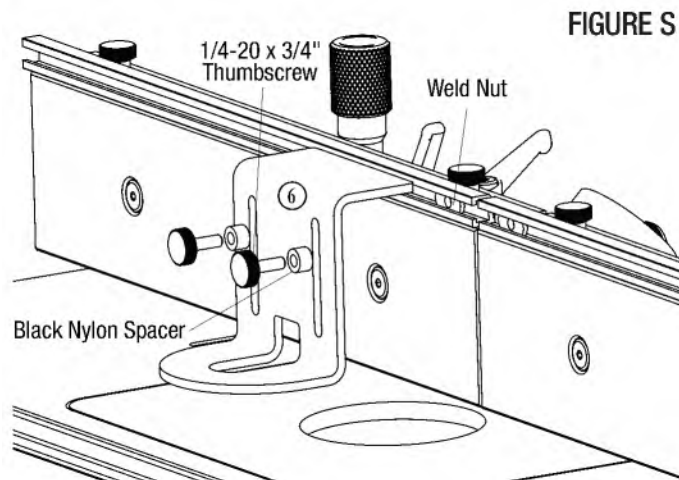
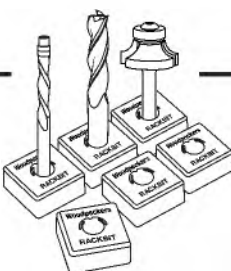


FIGURE S

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Super Track Flip Stops	STFSTOP
Joinery Sled	JSLED
Spline Jig	SPLINE-23
Freehand Guard	FHG



WARNING! To reduce the risk of injury keep hands away from moving parts. Refer to your power tool manual for proper setup and use.



WARNING! To reduce the risk of injury, wear safety goggles or glasses with side shields, ear protection & a dust mask.

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WARNING!

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