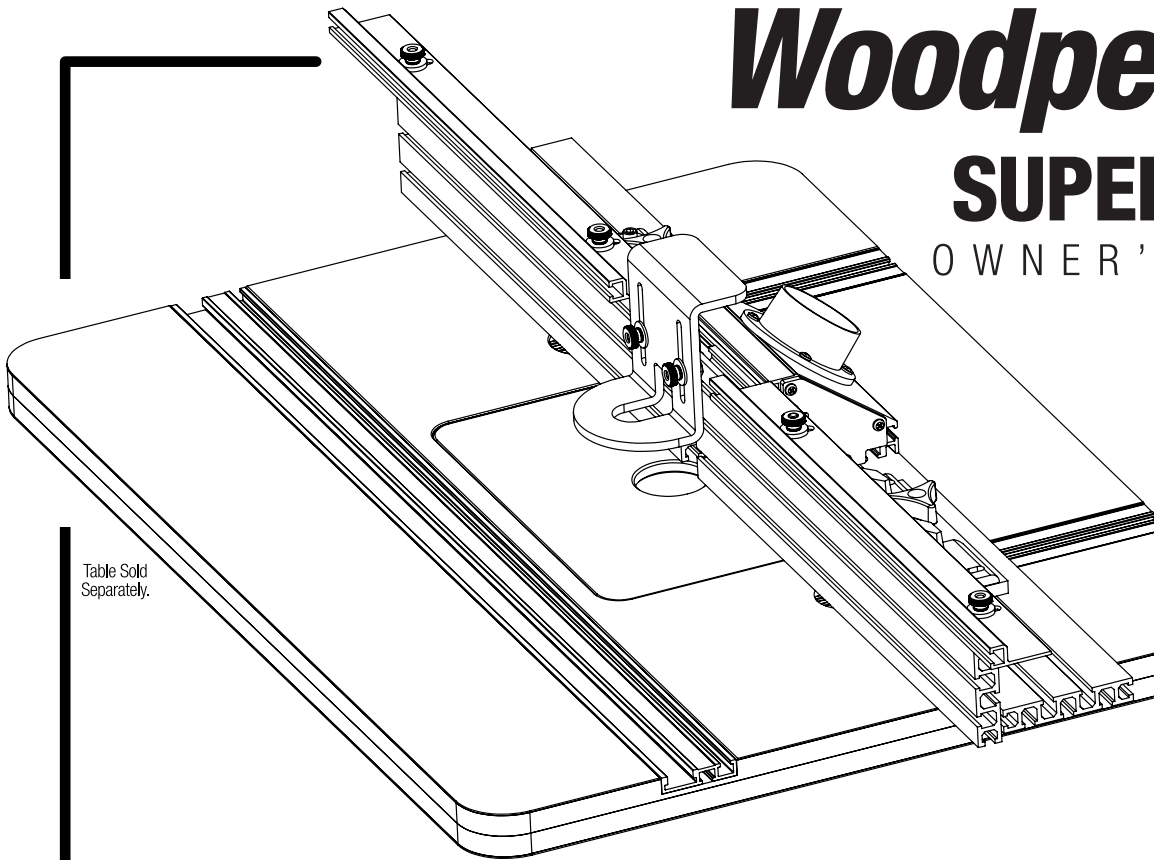


Woodpeckers®

SUPER FENCE

OWNER'S MANUAL



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ILLUSTRATION (QTY) PART NAME NUMBER

- ① (1) Bit Guard
- ② (1) Dust Port Housing
- ③ (1) Base Fence, 36"
- ④ (2) Featherboard Track, 17-7/8"
- ⑤ (2) Fence, 18"
- ⑥ (2) Sub Fence, 18"
- ⑦ (1) Infeed Bracket
- ⑧ (1) Offset Bracket
- ⑨ (1) Offset Plate

HARDWARE BAG A

- ⑩ (2) End Cap (Dust Port)
- ⑪ (1) Dust Port
- (2) Socket Screw, 10-32 x 3/8"
- (2) Oval Nut, 10-32
- (1) Hex Key, 5/32"
- (4) Dust Port Screw, 8-32 x 3/8"
- (6) End Cap Screw, #8 x 1/2 Type 25

HARDWARE BAG B

- (4) Socket Head Cap Screw 1/4" - 20 x 1/2"
- (4) Nylon Washer 3/4" Outer Diameter
- (6) Oval Nut, 1/4" - 20
- (2) Thumb Screw Knob 1/4" - 20 x 3/4"
- (2) Multi-Knob 1/4" - 20 x 1-1/4"
- (2) Leveling Screw 1/4" - 20 x 1/2"
- (2) Dowel Pin 1/4" x 2"
- (1) Hex Key 3/16"

HARDWARE BAG C

- (2) 3-Arm Knob w/ Thread 1/4" - 20 x 2"
- (2) 3-Arm Knob 1/4" - 20 x 2"
- (4) Thick Nylon Spacer 3/4" - 3/8" Outer Diameter
- (4) Thin Nylon Washer
- (2) Oval Nut 1/4" - 20
- (2) Hex Head Bolt 1/4" - 20 x 2"

HARDWARE BAG D

- (2) Hex Head Bolt 1/4" - 20 x 3/4"
- (2) Black Nylon Thumb Knob 1/4" - 20
- (2) Washer #10

HARDWARE BAG E

- (2) Thumb Knob (Black, Nylon) w/ Thread 1/4" - 20
- (6) Oval Nut 1/4" - 20
- (4) Socket Head Cap Screw, 1/4" - 20 x 3/4"
- (4) Washer #10
- (2) Nylon Tip Set Screw 1/4" - 20 x 5/16"
- (2) Nylon Washer 3/4" Outer Diameter

HARDWARE BAG F

- (4) Connector Bolt 1/4" - 20 x 1"
- (4) Oval Nut 1/4" - 20
- (1) Hex Key 4mm

HARDWARE BAG G

- (4) Hex Head Bolt 1/4" - 20 x 3/4"
- (4) Nylon Washer 3/4" Outer Diameter
- (4) Thumb Knob (Black Nylon) 1/4" - 20

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I. DUST PORT HOUSING

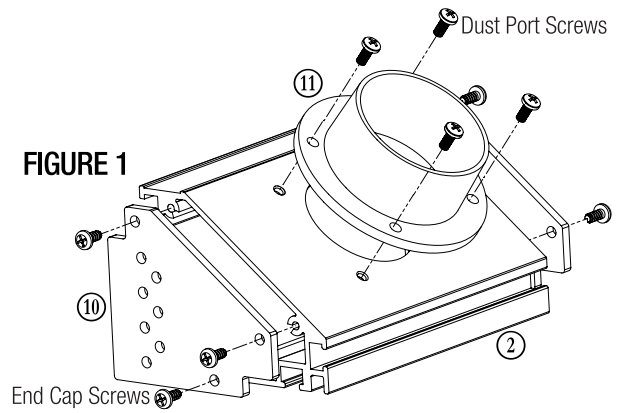
AT THIS POINT YOU WILL NEED:

- ③ (1) Base Fence, 36"
- ② (1) Dust Port Housing

HARDWARE BAG A

- ⑩ (2) End Cap (Dust Port)
- ⑪ (1) Dust Port
- (2) Socket Screw, 10-32 x 3/8"
- (2) Oval Nut, 10-32
- (1) Hex Key, 5/32"
- (4) Dust Port Screw, 8-32 x 3/8"
- (6) End Cap Screw, #8 x 1/2 Type 25

FIGURE 1



1. Attach the Dust Port ⑪ using (4) Dust Port Screws. **FIGURE 1.**
2. Use (3) End Cap Screws to attach each End Cap ⑩. Install screws loosely at first until all are started. Then tighten all.
3. One side of the Base Fence ③ has two slots, the other has three. The two slot side goes up.
4. Insert one Socket Screw up through the Base Fence right behind the square cut out. Start an Oval Nut on to the Socket Screw using the Hex Key. Repeat the process for the second Socket Screw and Oval Nut. **FIGURE 2.**
5. Slide the assembled Dust Port Assembly over the installed Oval Nuts. **FIGURE 3.**
6. Center the Dust Port Housing over the square cut out and flush against the back edge of the base fence. Now tighten both Socket Screws with the Hex Key. **FIGURE 4.**

FIGURE 2

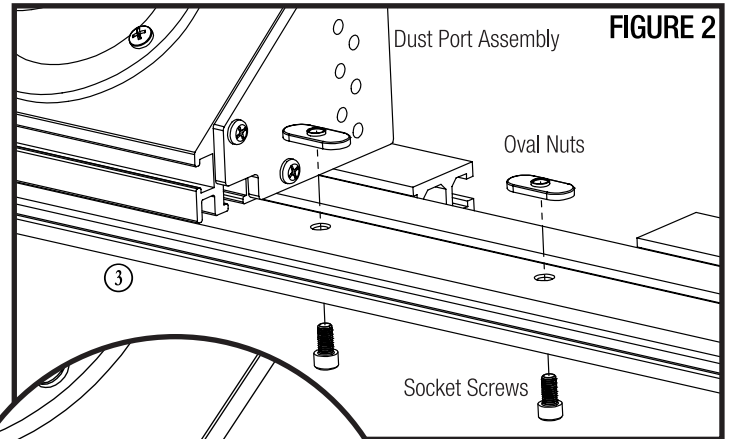


FIGURE 3

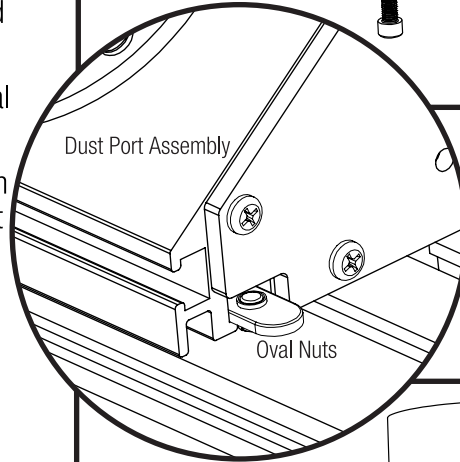
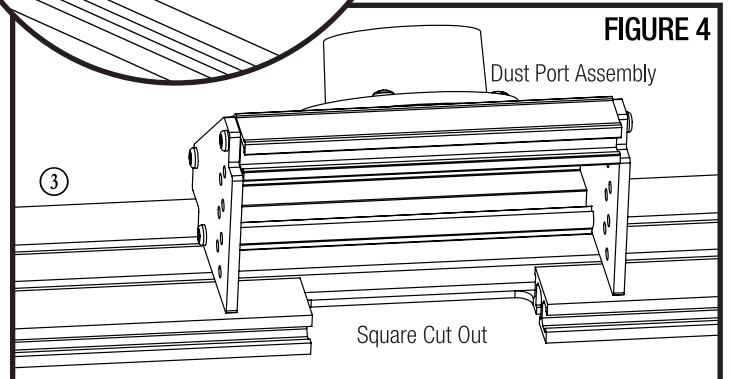


FIGURE 4



II. INFEEED BRACKET

AT THIS POINT YOU WILL NEED:

- ⑦ (1) Infeed Bracket

HARDWARE BAG E

- (2) Thumb Knob (Black, Nylon) w/ Thread 1/4" - 20
- (6) Oval Nut 1/4" - 20
- (4) Socket Head Cap Screw, 1/4" - 20 x 3/4"
- (4) Washer #10
- (2) Nylon Tip Set Screw 1/4" - 20 x 5/16"
- (2) Nylon Washer 3/4" Outer Diameter

HARDWARE BAG B

- (2) Leveling Screw 1/4" - 20 x 1/2"

7. Assemble (2) Socket Head Cap Screws, Washers and Oval Nuts into one of the slots on the Infeed Bracket ⑦. Repeat for the other slot. **FIGURE 5.**
8. Slide the Infeed Bracket onto the left side of the Base Fence by aligning both sets of Oval Nuts with the two T-slots.
9. Position the Infeed Bracket so that the large opening is centered over the hole in the Base Fence. Finger tighten these four Socket Head Screws to prevent the Infeed Bracket from sliding around. **FIGURE 5A.**

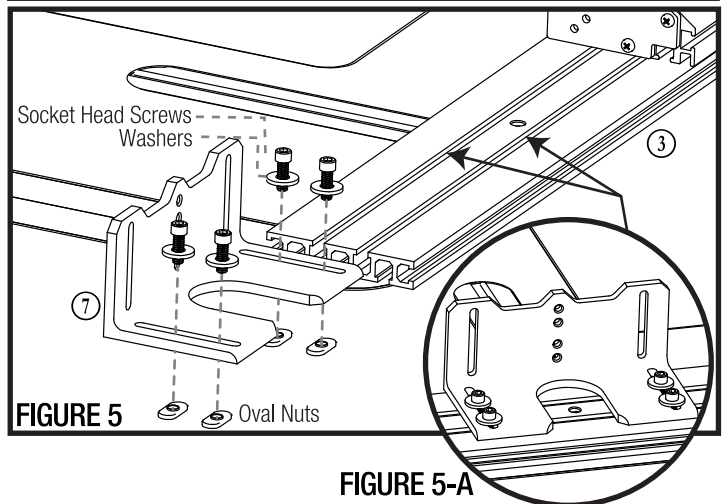


FIGURE 5-A

10. Assemble the (2) Thumb Knobs, Nylon Washers and Oval Nuts into the front two slots of the Infeed Bracket. **FIGURE 6.**

11. Partially install (2) Leveling Screws into the center holes of the Infeed Bracket. Make sure that the Leveling Screw tips are not protruding from the face of the Infeed Bracket at this time. **FIGURE 7.**

III. OFFSET PLATE

AT THIS POINT YOU WILL NEED:

- ⑧ (1) Offset Bracket
- ⑨ (1) Offset Plate

HARDWARE BAG B

- (4) Socket Head Cap Screw 1/4" - 20 x 1/2"
- (4) Nylon Washer 3/4" Outer Diameter
- (6) Oval Nut, 1/4" - 20
- (1) Hex Key 3/16"

12. Loosely insert the (4) Socket Head Cap Screws down through each hole of the Offset Plate ⑨. Start an Oval Nut on each Socket Head Cap Screw from underneath. Keep all four Socket Head Cap Screws loose. **FIGURE 8.**

13. Slide the Offset Plate onto the Base Fence by aligning both sets of Oval Nuts with the T-slots.

14. Position the Offset Plate so that the center hole is over the hole in the Fence. Align the front edge of the Offset Plate with the front edge of the Base Fence, finger tighten the four Socket Head Cap Screw with the included Hex Key. **FIGURE 9.**

IV. MOUNTING THE FENCE TO THE TABLE

AT THIS POINT YOU WILL NEED:

- ⑨ (1) Offset Plate

HARDWARE BAG C

- (2) 3-Arm Knob w/ Thread 1/4" - 20 x 2"
- (2) 3-Arm Knob 1/4" - 20 x 2"
- (4) Thick Nylon Spacer 3/4" - 3/8" Outer Diameter
- (4) Thin Nylon Washer
- (2) Oval Nut 1/4" - 20
- (2) Hex Head Bolt 1/4" - 20 x 2"

15. Two different sets of hardware are included.

- If your table has embedded track, continue with **Step IV.-16.**
- If your table has routed slots, skip to **Step IV.-19, page 4.**

16. **Tables with embedded track:** Assemble a Hex Head Bolt, (2) Thick Nylon Spacers and a 3-Arm Knob through the hole in the outfeed side of the base. Repeat for the matching hole in the infeed side. **FIGURE 10.**

17. Align the head of the Hex Head Bolt so it'll slip into the t-slot. Repeat for the Hex Head Bolt on the other end of the Fence. Move the Fence completely onto the table and tighten the (2) 3-Arm Knobs. **FIGURE 10-A.**

18. The Fence should now be fastened down to the table.

19. **Tables with routed slots:** This hardware is different than what's used for tables with embedded track.

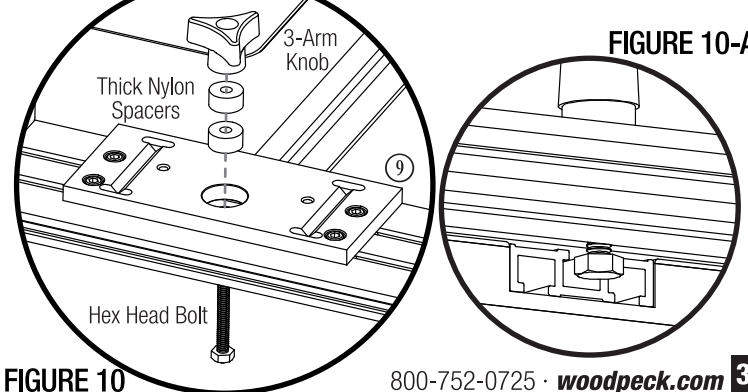
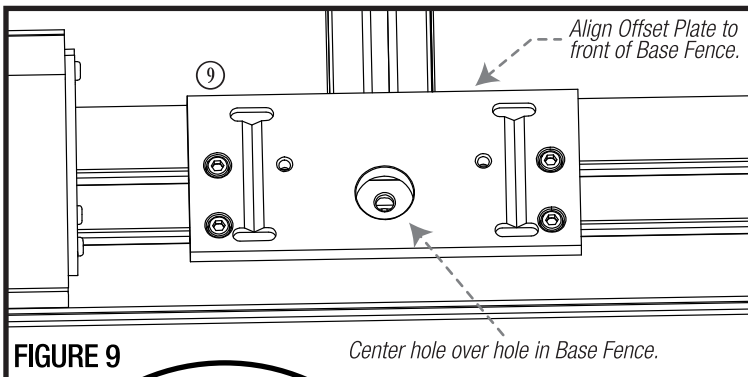
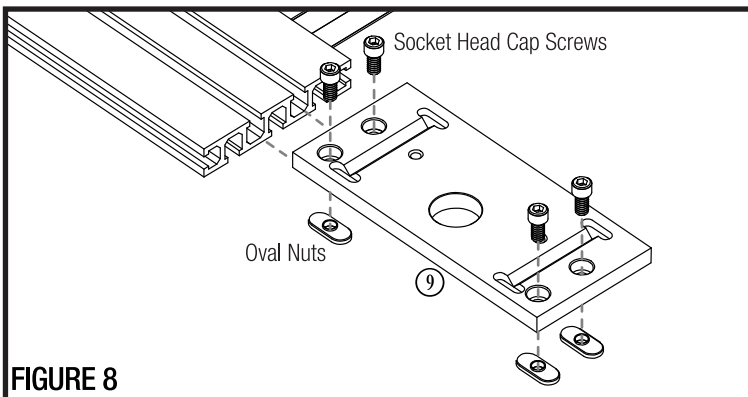
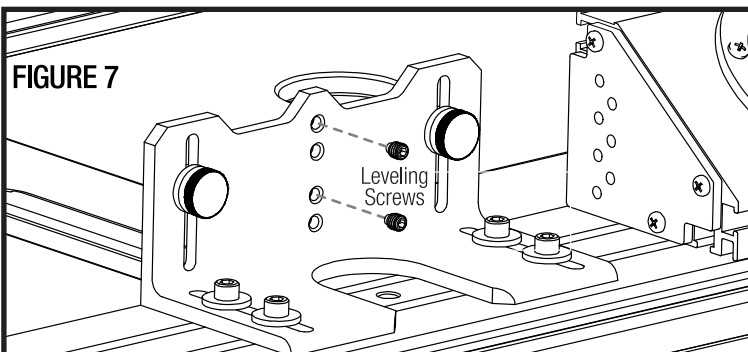
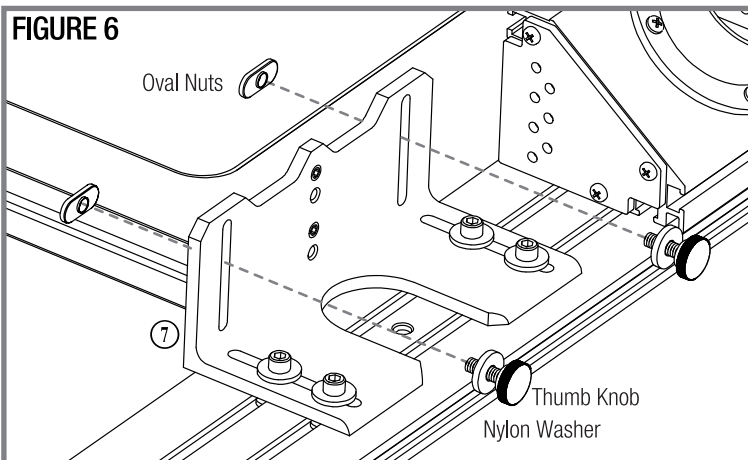


FIGURE 10

FIGURE 10-A

20. Assemble a 3-Arm Knob w/ Thread, a Thin Nylon Washer through the hole in the outfeed side of the base. **FIGURE 11.**

21. Set the Fence onto the table so that each Oval Nut drops into its respective hole.

22. Reach under the table and align the Oval Nut with the recess and slide forward. Tighten the 3-Arm Knob. Repeat this process for the other end of the Fence.

23. The Fence should now be fastened down to the table.

V. OFFSET BRACKET

AT THIS POINT YOU WILL NEED:

- ⑧ (1) Offset Bracket

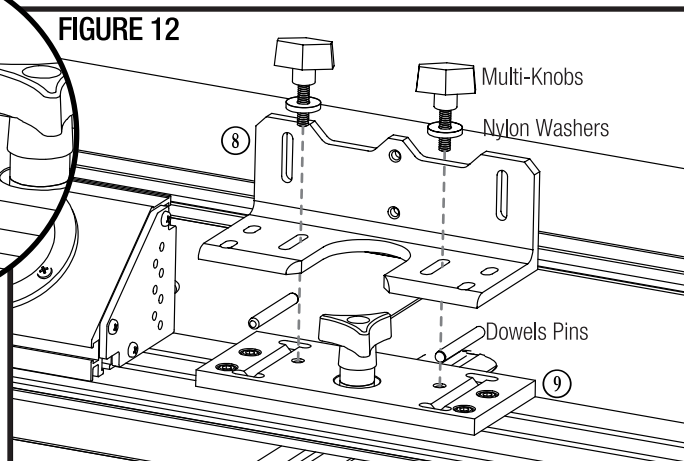
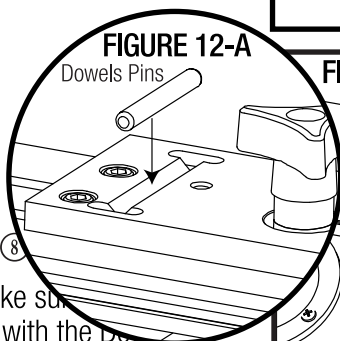
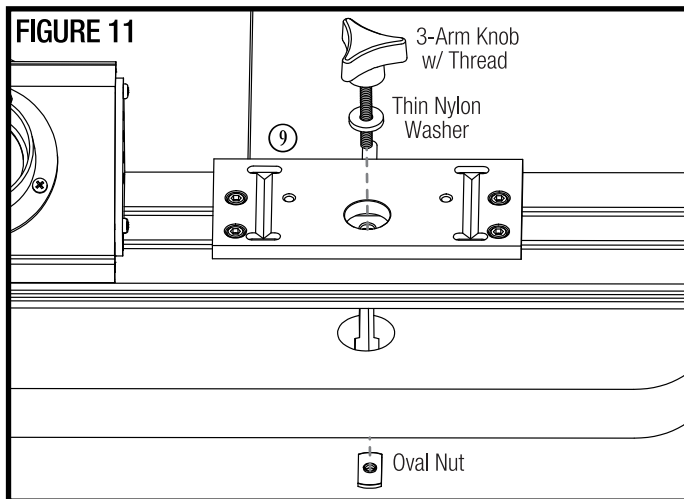
HARDWARE BAG B

- (2) Multi-Knob 1/4" -20 x 1-1/4"
- (4) Nylon Washer 3/4" Outer Diameter
- (2) Thumb Screw Knob 1/4" -20 x 3/4"
- (2) Leveling Screw 1/4" - 20 x 1/2"
- (2) Dowel Pin 1/4" x 2"

24. Set (2) Dowel Pins into the slots in the Offset Plate ⑧.

25. Set the Offset Bracket onto the Dowel Pins. Make sure the grooves in the bottom of the Offset Bracket line up with the Dowel Pins. **FIGURE 12.**

26. Secure the Offset Bracket in place with the (2) Multi-Knobs and Nylon Washers.



VI. OUTFEED FENCE

AT THIS POINT YOU WILL NEED:

HARDWARE BAG B

- (4) Nylon Washer 3/4" Outer Diameter
- (6) Oval Nut, 1/4" -20
- (2) Thumb Screw Knob 1/4" -20 x 3/4"

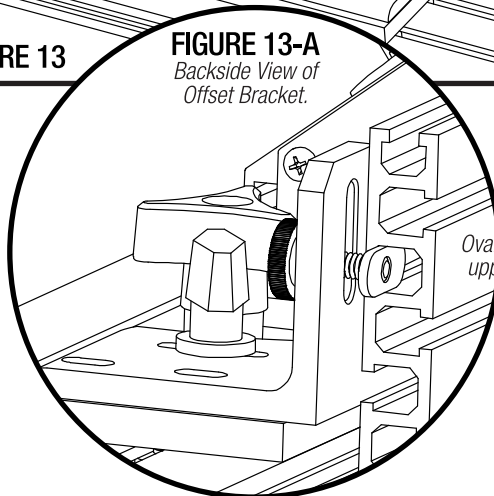
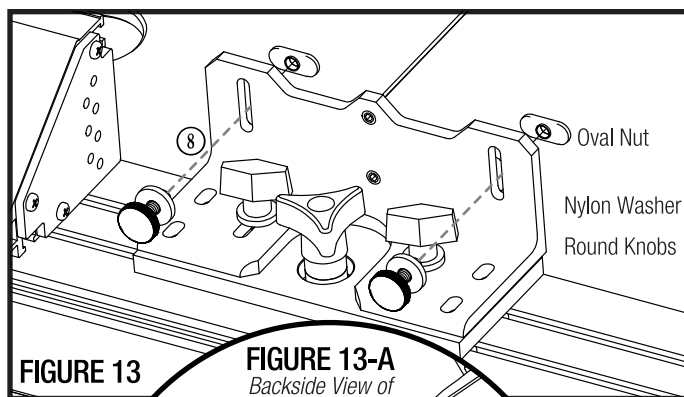
27. Assemble the Thumb Screw Knobs, Nylon Washers and Oval Nuts through each of the vertical slots on the Offset Bracket. **FIGURE 13.**

28. Line up the (2) Oval Nuts with the upper t-slot. Align the end of the Fence with the end of the Base.

29. Tighten the Thumb Screw Knobs.

30. Make sure the four screws holding the Offset Plate to the Base as well as the (2) Multi-Knobs are loose.

31. Firmly pull the Outfeed Fence back against the Base. Tighten both multi-Knobs first then firmly tighten all four screws holding the Offset Plate to the Base Fence.



VII. INFEEED BRACKET ASSEMBLY

AT THIS POINT YOU WILL NEED:

- ⑤ (2) Fence, 18"

HARDWARE BAG B

- (2) Multi-Knob 1/4" -20 x 1-1/4"
- (4) Nylon Washer 3/4" Outer Diameter
- (2) Thumb Screw Knob 1/4" -20 x 3/4"
- (2) Leveling Screw 1/4" - 20 x 1/2"
- (2) Dowel Pin 1/4" x 2"

32. Attach the other Fence ⑤ to the Infeed Bracket Assembly the same way the first Fence was attached to the Offset Bracket following **Steps V. Offset Bracket, 24-26 on page 4.**

33. Align the end of the Fence with the Base and firmly tighten both Round Knobs. **FIGURE 14.**

34. Loosen the four screws holding the Infeed Bracket to the Base and pull the Fence back against the Base. While maintaining pressure, tighten all four Infeed Bracket Screws. **FIGURE 15.**

35. Partially install both Leveling Screws. These can be adjusted once the Fence is mounted to your router table. **FIGURE 16.**

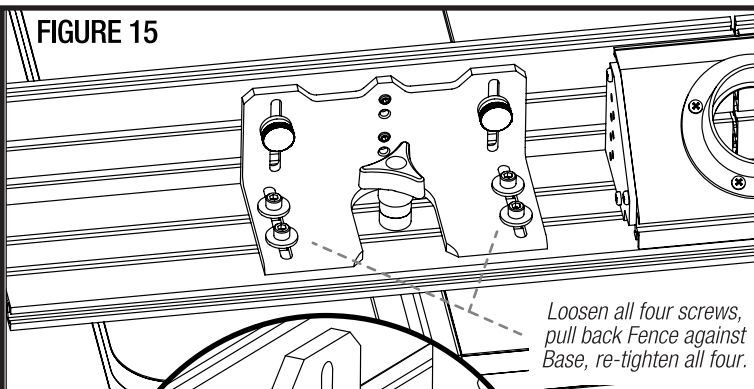
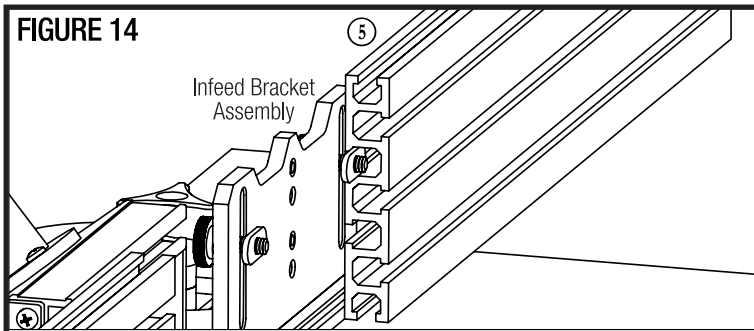
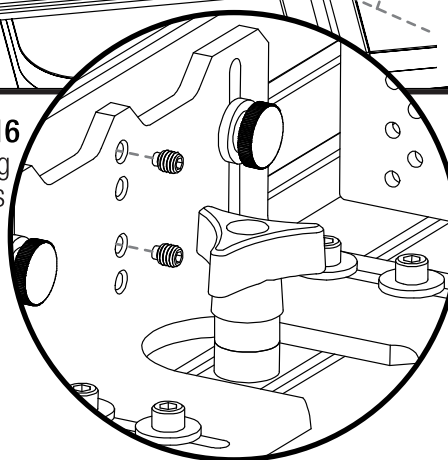


FIGURE 16

Leveling
Screws

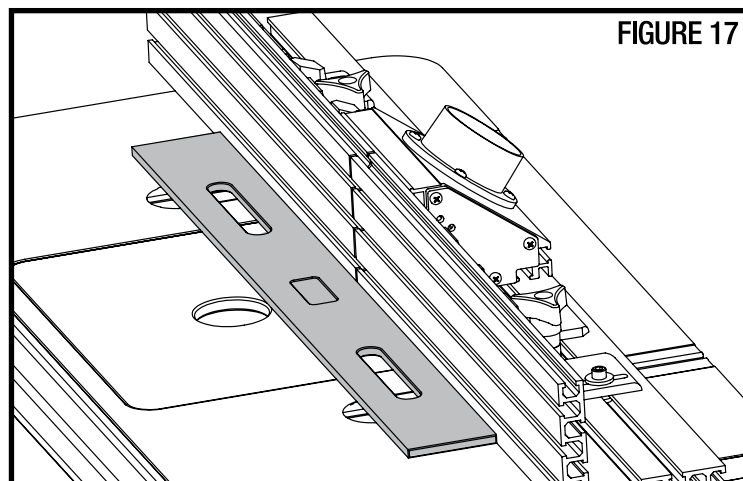


VIII. CHECKING FOR PARALLEL

36. Use a reliable straight edge to check that the Infeed and Outfeed Fence are parallel. **FIGURE 17.**

37. Adjustments can be made to either Infeed or Outfeed Fences by loosening the four screws holding the Bracket to the Base and adjust to parallel. While maintaining pressure, tighten all four screws.

38. **THIS STEP IS CRITICAL.** If the two Fences are not perfectly parallel, it will be impossible to get a straight routed edge.



IX. ATTACHING THE FEATHERBOARD TRACK

AT THIS POINT YOU WILL NEED:

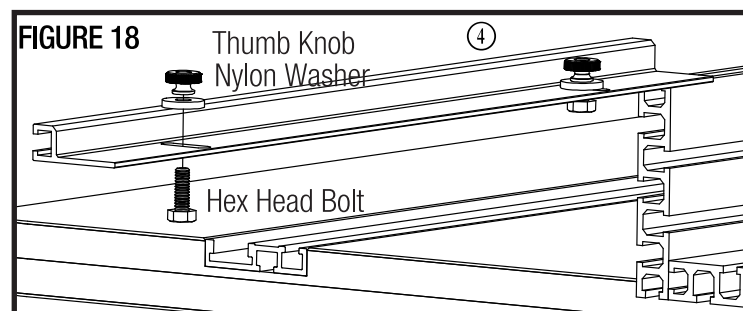
- ④ (2) Featherboard Track, 17-7/8"

HARDWARE BAG G

- (4) Hex Head Bolt 1/4" - 20 x 3/4"
- (4) Nylon Washer 3/4" Outer Diameter
- (4) Thumb Knob (Black Nylon) 1/4" -20

39. Featherboard Track ④ 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.

40. Each Featherboard Track is attached with (2) Hex Head Bolts, (2) Nylon Washers and (2) Black Nylon Thumb Knobs. Assemble the hardware as shown then slip the head of the bolts into the top t-slot. Tighten both knobs.



X. ATTACHING A SACRIFICIAL (SUB-FENCE)

AT THIS POINT YOU WILL NEED:

HARDWARE BAG F

- (4) Connector Bolt 1/4" - 20 x 1"
- (4) Oval Nut 1/4" - 20
- (1) Hex Key 4mm

41. There are a number of purposes for a sacrificial or subfence. Most often it's used to create zero clearance at the edges of the router bit.

FIGURE 19.

42. A good fit between the Fence and the bit reduces tear out.

Dimensions needed to make sub-fences are shown. **FIGURES 20 & 21.**

43. Use a 3/4" thick piece of wood about 18" long and no more than 3-7/8" wide for a sub-fence. First drill two 3/4" diameter holes about 3/8" deep spaced up from the bottom edge by 1-15/16" and approximately 3" from each end. This large hole should have a flat bottom. The best way to accomplish that is with a Forstner or spade bit.

44. Once the large hole has been drilled, drill through the rest of the way with a 5/16" standard twist drill.

45. With the sub-fences complete you're ready to install hardware and attach them to the fence.

46. 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 22.

47. One word 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.

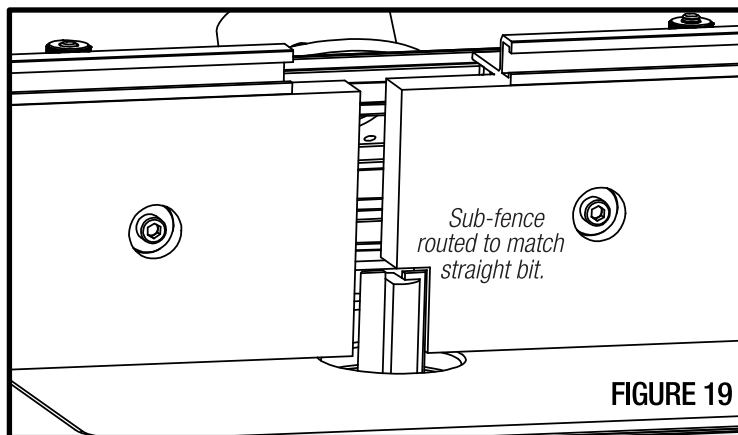


FIGURE 19

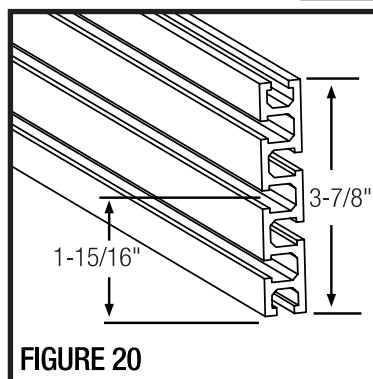


FIGURE 20

FIGURE 21

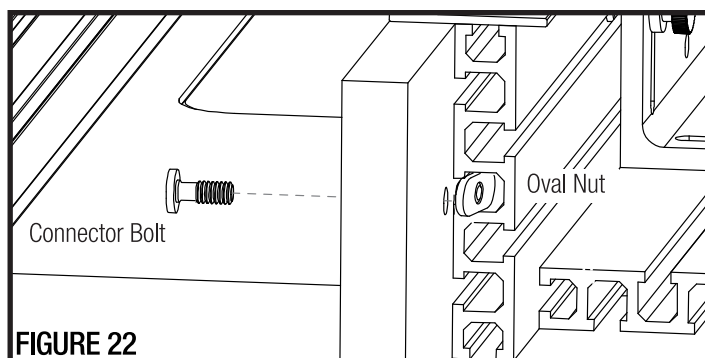
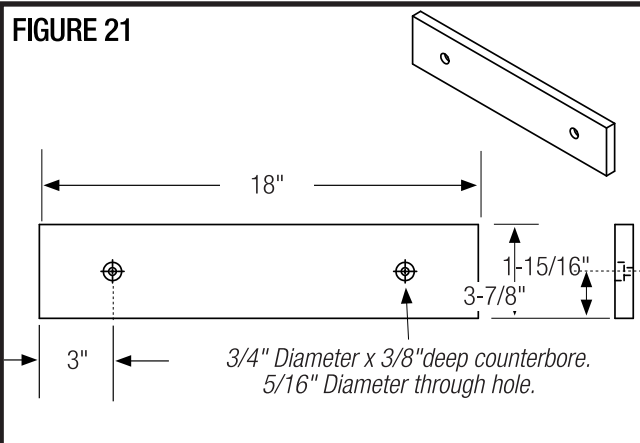


FIGURE 22

XI. ATTACHING THE BIT GUARD

- ① (1) Bit Guard

AT THIS POINT YOU WILL NEED:

HARDWARE BAG D

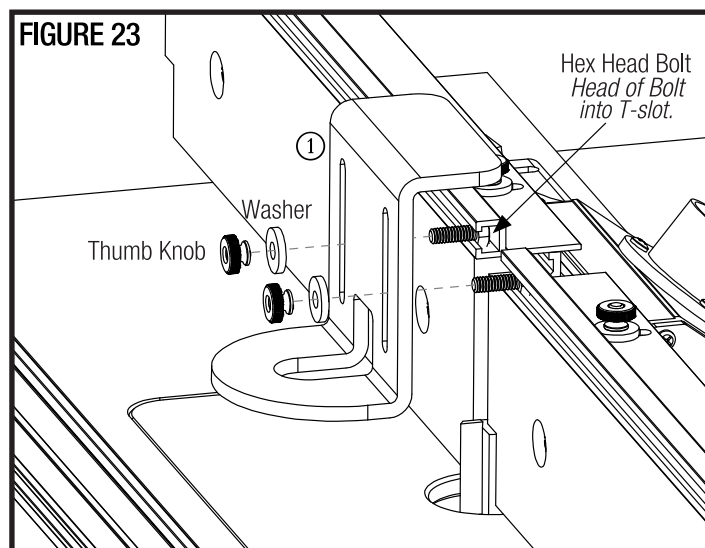
- (2) Hex Head Bolt 1/4" - 20 x 3/4"
- (2) Thumb Knob (Black Nylon) 1/4" - 20
- (2) Washer #10

48. The Bit Guard ① can be attached directly into the slots in the Fence or to the slot in the Featherboard Track. In either case, it attaches the same way.

49. Pre-assemble the Hex Head Bolts, Washers and Thumb Knobs into each of the two slots. **FIGURE 23.**

50. Slide the head of the Hex Head Bolt into the T-slot in the Featherboard Track or any of the slots in the Fence.

51. Position the Bit Guard in the desired location and tighten both Knobs.



XII. OFFSET MODULE

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.

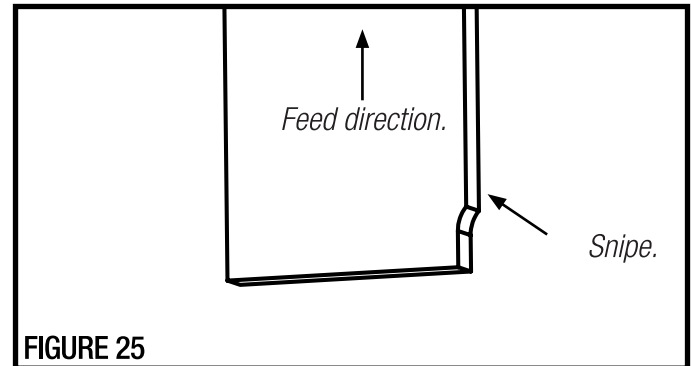
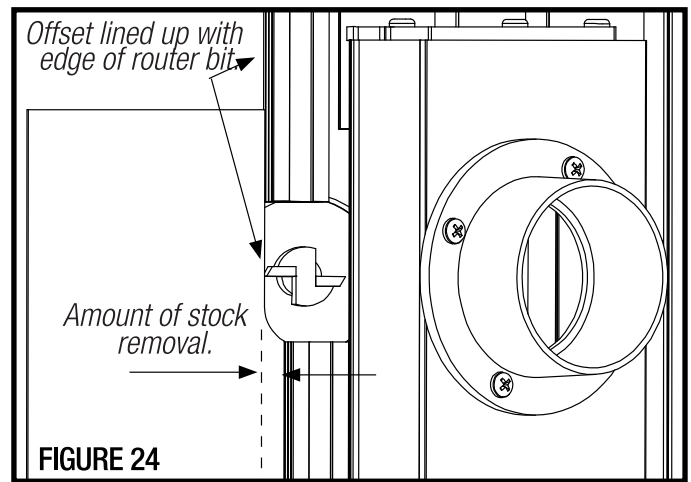
52. Set up the Fence so the router bit sits just proud of the in feed fence. Begin feeding the board across the router bit. Stop feeding the board and turn off the router once the board extends past the bit about 3". **FIGURE 24.**

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

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

55. 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 25.**

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



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