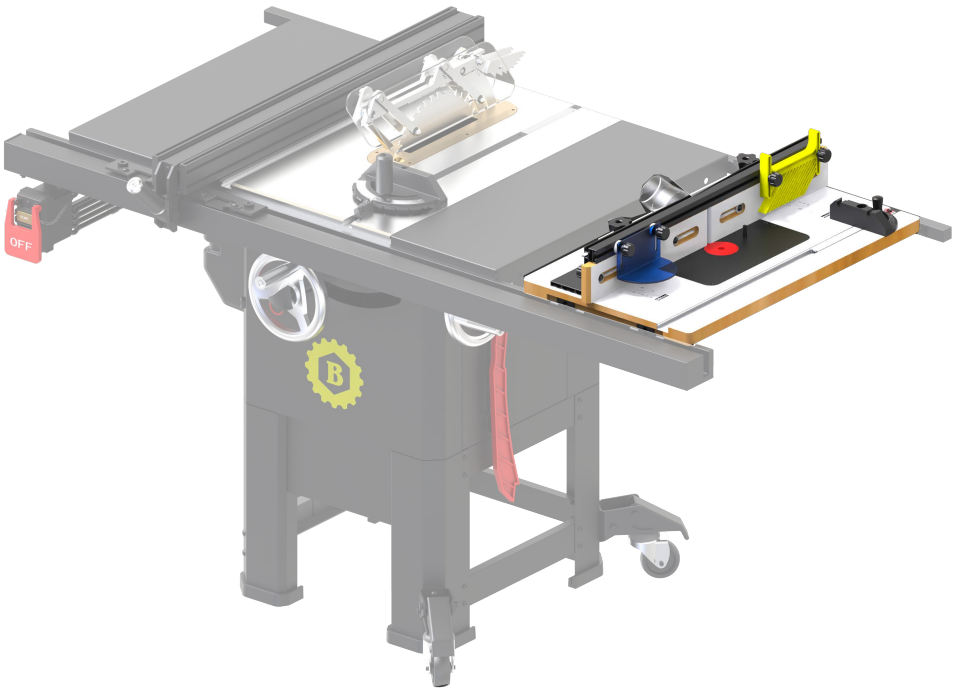
Busy Bee Tools

BBTSROUTER

Router Table Wing

Owner's Manual



General Shop Safety instructions

Notice: Safety First! The paramount concern in operating this equipment is safety. It is imperative to adhere strictly to the following instructions. Neglecting any of the listed guidelines may lead to risks such as electric shock, fire hazards, or severe personal injury.

This tool is specifically designed for certain applications. We emphasize the importance of refraining from modifying or repurposing the tool for any other use beyond its designated application. If you have inquiries regarding its appropriate application, refrain from using the tool until you have communicated with us and received our guidance. Please refer to the below safety symbols

Implies an imminently hazardous situation, which, if not avoided, could result in death or serious injury.

Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.

Indicates a potentially hazardous situation, which, if not avoided, could result in minor or moderate injury.

Please Note that this manual has some instructions and processes to help you maintain and prolong the life of your machine please perform all the recommended cleaning and maintaining processes diligently.

Contents

Introduction

We take great pride in introducing Model BBTSROUTER, the router extension for table saws, a distinguished addition to the expanding Busy Bee Tools family of exceptional woodworking machinery.

When adhering to the comprehensive guidelines outlined in this manual, you can anticipate years of reliable and enjoyable performance, serving as a testament to Busy Bee Tools' unwavering commitment to customer satisfaction.

We are delighted to provide you with this manual for the Model BBTSROUTER. It has been meticulously crafted to assist you with the assembly process, ensure safety compliance, and cover essential operational procedures.

Our goal is to deliver the most comprehensive documentation possible to facilitate your experience.

The specifications, drawings, and photographs featured in this manual accurately depict the Model BBTSROUTER as it was configured when this manual was produced. Nevertheless, in line with Busy Bee Tools' continuous improvement policy, adjustments and enhancements may be implemented at any time, with no obligation on Busy Bee Tools' part.

To enhance your convenience, we maintain an up-to-date repository of Busy Bee Tools manuals on our website at www.busybeetools.com. Any updates or modifications to your machine will be promptly reflected in these manuals.

We encourage you to visit our website regularly to access the latest revisions to this manual, and to stay informed about the optimal operation of your equipment. Your satisfaction and safety are our top priorities, and we are committed to ensuring that your experience with the BBTSROUTER is exceptional.

In case you require additional assistance or have any further questions, please do not hesitate to reach out and contact our dedicated Customer Service and Technical Support Department at:

Busy Bee Tools Head Office
130 Great Gulf Drive
Concord ON, L4K 5W1
Or at any of our branches across Canada.
Visit our website for the latest deals and for more information at www.busybeetools.com
Call us Toll Free: 1-800-461-2879 or 1-905-738-5115.
Email us at: cs@busybeetools.com

Our team of experts is here to provide you with the guidance and support you need to ensure the safe and efficient operation of your machine. Your satisfaction and safety are our top priorities, and we are committed to assisting you in any way we can.

Specifications

Table Measurements	27”X15-7/8”X1”
Table’s T-Slot Size	¾”
Plate Size	11-13/16”X7-7/8”X3/8”
Plate Isert Size	2-1/2”
Inside Diameter of the Inserts	½”, 1”, 1-1/4”, 1-1/2”, 2”
Number of Inserts	5
Fence back board size	14”X2-7/8”X3/4”
Fence T-Slot	¼”
Dust Port Diameter	2-1/2”
Product weight	22lb
Compatible with	CX212 and BBTS10 table saw

Important Notice

Modifications Required for Installing the BBTSROUTER Router Table Wing

To attach the BBTSROUTER router table wing to the extension wing of your table saw, it is necessary to drill two holes in the rear rail of the saw. These holes will allow you to fasten the rear rail to the mounting brackets of the router table wing.

The included universal mounting plate is supplied without pre-drilled holes for securing a router. This is intentional, as router base hole patterns vary by manufacturer and model. You will need to mark and drill holes in the mounting plate to match the hole configuration of your specific router base. This router table will fit most 10” table saws that have the 27” table.

Tools and Materials Required:

- Drill
- Appropriately sized drill bits
- Additional fasteners (if needed)

Important Safety and Setup Instructions: Before beginning any modifications, carefully read the entire *Setup* section of this manual. Ensure the individual performing the work is qualified and understands the required procedures. It is critical that:

- The router is securely fastened to the mounting plate.
- The router table wing is properly and firmly mounted to the table saw.

Do not operate the equipment until all components are installed securely and verified for stability.

Machine Identification

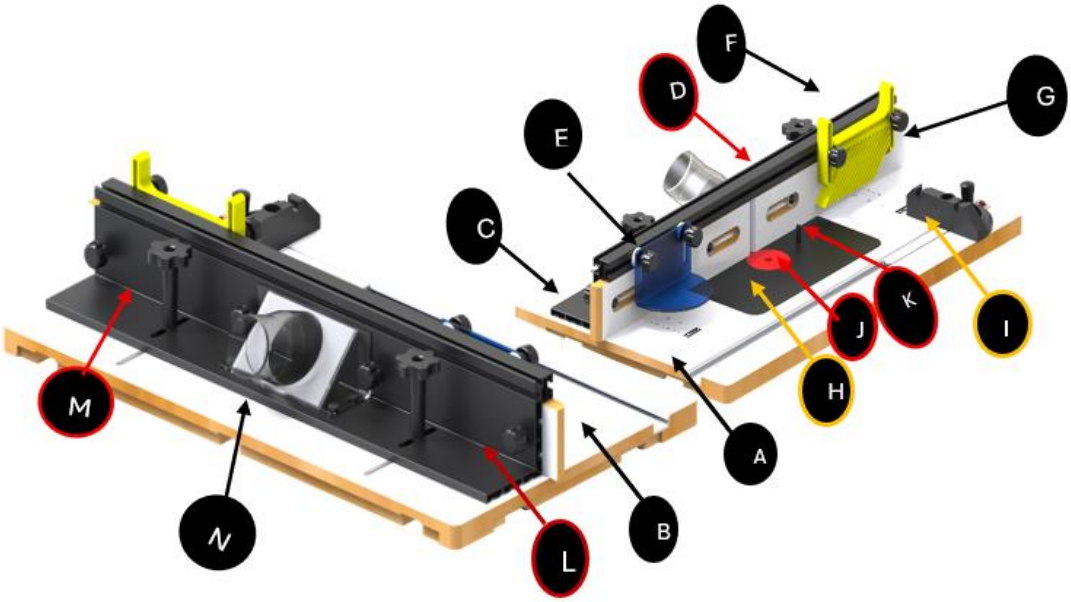


Figure 1: router Table Identification.

A- T-Slot 3/4"
B- Router Table
C- Outfeed Fence
D- Fence Bracket
E- Router Bit Guard
F- Feather Board
G- Infeed Fence
H- Mounting Plate
I- Miter Gauge
J- Table Insert
K- Starting Pin
L- Fence Board Lock Knob X4
M- Fence Base Locking Knob X2
N- Dust Port 2-1/2”

WARNING

FOR YOUR SAFETY

— READ INSTRUCTION MANUAL BEFORE OPERATING ROUTER TABLE

To ensure safe and proper use of the router table, follow these essential safety precautions:

a) Always wear approved eye protection to prevent injury from flying debris.
b) Ensure the router bit guard is installed and functioning correctly before operating the machine.
c) Feed the workpiece against the direction of the router bit’s rotation to maintain control and reduce kickback risk.

d) Keep hands and fingers clear of the rotating bit. Use appropriate jigs or fixtures when necessary to hold the workpiece.

e) Avoid awkward or unstable hand positions that could lead to loss of control or contact with the cutting bit.

WARNING

For your safety and to prevent the risk of serious injury, read the entire manual BEFORE using the router table.

Components and Control

Familiarization with Controls and Components

Refer to the following figures and corresponding descriptions to identify and understand the basic controls and components of this unit. Familiarity with these elements is essential for proper operation and will assist in understanding subsequent instructions in this manual. Additionally, this knowledge will help reduce the risk of injury during use.

Component Descriptions

Fence:
Supports the workpiece during routing operations. Equipped with T-slots for attaching accessories such as feather boards, hold-downs, and other work-holding devices.

Router Bit Guard:
Protects the user from the rotating bit while maintaining clear visibility of the workpiece during operation.

T-Slot:
Serves as a secure mounting channel for various router table accessories, including miter gauges, jigs, feather boards, and other positioning aids.

Fence Board Lock Knob (1 of 4):
Loosens or tightens to allow lateral (side-to-side) adjustment of the infeed and outfeed fence boards.

Fence Base Lock Knob (1 of 2):
Loosens or tightens to enable front-to-rear adjustment of the entire fence assembly.

Dust Port:
2½" diameter port designed for connection to a dust collection system to remove debris during operation and maintain a clean work area.

Starting Pin:
Provides support and guidance at the beginning of freehand routing operations, helping to stabilize the workpiece during initial contact with the bit.

Mounting Plate:
Serves as the interface between the router and the table, securing the router in position beneath the table surface.

Table Insert:
Enhances workpiece control and safety by reducing the gap around the router bit, providing a more stable surface near the cutting area.

Section 1: safety

For your safety and to prevent the risk of serious injury, read the entire manual BEFORE using the router table.

Safety Instruction for Machinery

OWNER'S MANUAL
Read and fully understand this manual **before operating the machine**. Failure to do so may result in serious injury.

TRAINED OPERATORS ONLY
This equipment must only be used by trained or properly supervised individuals. Untrained operators significantly increase the risk of injury or death.

ELECTRICAL EQUIPMENT — INJURY RISKS
Contact with live electrical components or improper grounding can result in electric shock, burns, or fatal injury.

- Only qualified service personnel should perform electrical installation, servicing, or repair work.
- Always **disconnect power** before accessing or exposing any electrical components.
- When the machine is not in use, **disconnect the power**, **remove the switch key**, or **apply proper lock-out/tag-out procedures** to prevent unauthorized use.
- **DANGEROUS ENVIRONMENTS**
  Do not operate machinery in wet, poorly lit, or cluttered areas. Such conditions significantly increase the risk of accidents, equipment malfunction, and personal injury. Always ensure the work area is dry, well-lit, and free of obstructions before use.
- **DISCONNECT POWER FIRST**
  Always disconnect the machine from the power source **before** adjusting, changing tooling, or performing maintenance. This is essential to prevent accidental startup or exposure to live electrical components, both of which pose serious injury risks.
- **EYE PROTECTION**
  Always wear CSA approved safety glasses or a face shield when operating or observing machinery. This helps prevent serious eye injuries or blindness caused by flying debris.
- **Note:** Regular prescription eyeglasses do not meet safety standards and are not an acceptable substitute.
- **MENTAL ALERTNESS REQUIRED**
  Safe operation of machinery demands full mental alertness. Never operate equipment while under the influence of drugs or alcohol, when fatigued, or when distracted. Reduced focus significantly increases the risk of accidents and injury.
- **PROPER APPAREL**
  Do not wear loose clothing, gloves, neckties, or jewelry that may become entangled in moving parts. Tie back or secure long hair. Always wear non-slip footwear to maintain stability and prevent accidental contact with moving components.

- **DUST HAZARD**
  Dust generated from machine operations may cause cancer, birth defects, or long-term respiratory illness. Know the hazards associated with each material being processed. Always wear a NIOSH-approved respirator when operating the machine.
- **HEARING PROTECTION**
  Wear appropriate hearing protection when operating or observing noisy equipment. Prolonged exposure to high noise levels can cause irreversible hearing loss.
- **REMOVE ADJUSTING TOOLS**
  Never leave chuck keys, wrenches, or other adjustment tools on the machine. Verify all tools have been removed before starting the machine to prevent injury from ejected objects.
- **USE THE CORRECT TOOL**
  Use this machine only for its intended purpose. Do not force it or use unapproved attachments. Unauthorized modifications or improper use can lead to equipment failure or serious injury.
- **AVOID AWKWARD POSITIONS**
  Maintain proper footing and balance at all times. Avoid overreaching or awkward hand positions that compromise control or increase the risk of injury.
- **KEEP CHILDREN & BYSTANDERS AWAY**
  Do not allow children or unauthorized personnel in the work area. Stop operation if distractions arise.
- **GUARDS AND COVERS**
  Ensure all guards and protective covers are correctly installed and in good working condition before operating the machine. Do not operate the machine if these components are missing, damaged, or malfunctioning.
- **DO NOT FORCE THE MACHINE**
  Operate the machine at its designed capacity. Forcing the machine can result in mechanical failure or injury.
- **DO NOT STAND ON MACHINE**
  Never climb or stand on the machine. Loss of balance or accidental contact with moving parts may result in serious injury.
- **ENSURE MACHINE STABILITY**
  Before use, confirm the machine is on a stable surface. If equipped with a mobile base, ensure it is locked to prevent movement during operation.
- **USE ONLY RECOMMENDED ACCESSORIES**
  Refer to this manual or contact the manufacturer to determine approved accessories. Use of incompatible accessories increases the risk of injury and equipment damage.
- **NEVER LEAVE MACHINE UNATTENDED**
  Always turn the machine OFF and wait for all moving parts to come to a complete stop before leaving the work area.
- **MAINTENANCE AND CARE**
  Follow all scheduled maintenance and lubrication instructions. Improperly maintained equipment increases the risk of malfunctioning and injury.
- **INSPECT FOR DAMAGE**
  Routinely inspect the machine for damaged, loose, or misaligned

components. Do not operate the machine until all issues have been repaired or replaced.

- **HANDLE POWER CORDS PROPERLY**
  Disconnect the machine by pulling the plug, not the cord. Do not unplug with wet hands. Keep the cord away from heat, liquids, sharp edges, and high-traffic areas to prevent damage.
- **IF YOU ENCOUNTER PROBLEMS**
  If you are unable to safely complete an operation or if unexpected issues arise, stop immediately. Contact our Technical Support at **(905)738-5115** for assistance.

Additional Router Table Safety

SEVERE INJURY HAZARDS

Contact with a rotating router bit can result in **serious lacerations, amputation, entanglement, or fatal injury**. Insecure router bits, spindle parts, or fasteners may become airborne under load, striking operators or bystanders with high force. Dust and debris from cutting operations may cause **eye injuries or blindness**. To reduce these risks, **the following warnings must be strictly observed by all users**:

ROUTER TABLE SAFETY WARNINGS

AVOIDING CONTACT WITH BIT
To prevent accidental contact with the rotating bit:

- Never position your hands directly over or in line with the bit.
- As one hand approaches the bit, move it laterally to the opposite side.
- Always maintain a minimum clearance of 6 inches from the bit.

SECURE ALL ADJUSTMENTS BEFORE USE
Verify that all lock levers, knobs, fence components, and guide rails are fully secured before operation. Loose components may result in workpiece misalignment or kickback, increasing the risk of injury.

DO NOT FORCE THE CUT
Allow the router bit to cut at its designed rate. Forcing the workpiece may degrade cut quality and cause dangerous kickback.

BLIND CUTTING PRECAUTIONS
Ensure the router bit is located **beneath the workpiece** when making blind cuts to minimize exposure and contact risk.

CORRECT FEED DIRECTION
Always feed the workpiece **against the direction of bit rotation**. Feeding with the rotation may cause the workpiece to be forcefully pulled from your hands and into the bit.

ROUTER BIT HEIGHT
Lower any unused portion of the bit **below the table surface** to reduce the chance of accidental contact.

SPEED COMPLIANCE
Do not exceed the **manufacturer's recommended RPM** for any router bit.

Over speeding can cause the bit to fracture or explode.

USE SUPPORT GUIDES
Always use a **fence, jig, or miter gauge** to guide the workpiece. Freehand routing without support can cause loss of control and severe injury.

MINIMUM WORKPIECE LENGTH
Do not route workpieces **shorter than 6 inches** unless using appropriate fixtures or jigs. Small workpieces may become trapped and pull hands toward the bit.

USE SAFETY GUARDS
Always use the provided **bit guard**. For operations requiring fence removal or specialized setups, use an **overhead guard or custom-fabricated protective fixture**.

POWER CORD MANAGEMENT
To avoid tripping hazards, **disconnect the router when not in use** and store the power cord away from the work area.

INSPECT WORKPIECE CONDITION
Avoid using materials with **knots, holes, embedded objects, or warping**. These defects increase kickback risk. Flatten warped stock with a jointer before routing.

VERIFY ROTATION CLEARANCE
With the router unplugged, manually rotate the spindle to confirm adequate **bit clearance** from the table, fence, and workpiece before startup.

PROPER BIT INSTALLATION
Insert at least ¾ **of the shank length into the collet**, maintaining approximately **1/8" gap** between the shank end and the bottom of the collet to ensure proper clamping force and prevent bit ejection.

Section 2: Setup

UNPACKING INSTRUCTIONS

This machine was securely packaged to ensure safe transport. Upon unpacking:

1. Carefully remove all items from the packaging.
2. Separate and identify all components.
3. Inspect each item for any signs of shipping damage.

If any components are damaged or missing, **contact us immediately** on **(905) 738-5115**.

IMPORTANT:
Retain all original packaging materials **until you have verified the machine is complete, functional, and undamaged**.

- Original packaging is **required** to process any freight damage claims.
- Retaining the packaging is also beneficial should you need to return the machine in the future.
- **REQUIRED ITEMS FOR SETUP (NOT INCLUDED)**
- The following tools and equipment are required to complete the setup and assembly of this product. These items are

not included with the machine and must be provided by the user:

Description	Quantity
Assistant	1
Safety Glasses (per person)	1 Pair
Straightedge (24")	1
Phillips Head Screwdriver (2)	1
Masking Tape	As Needed
Razor Blade	1
Marker or Pencil	1
Dust-Collection System	1
Dust Hose (2½")	1
Hose Clamps (2½")	2
Table Saw Owner's Manual	1
Router Owner's Manual	1
Drill	1

- Ensure all tools are available and appropriate for the task prior to beginning setup.

WHAT'S IN THE PACKAGE

- The following components are included with your router table. Before beginning assembly, **lay out and inventory all items**. If any standard hardware items (e.g., nuts, washers, screws) are missing, contact us for replacements or obtain them locally to avoid delays.
- **Box 1**

Item	Description	Qty
A	Router Table Wing Assembly	1
B	Mounting Brackets	7

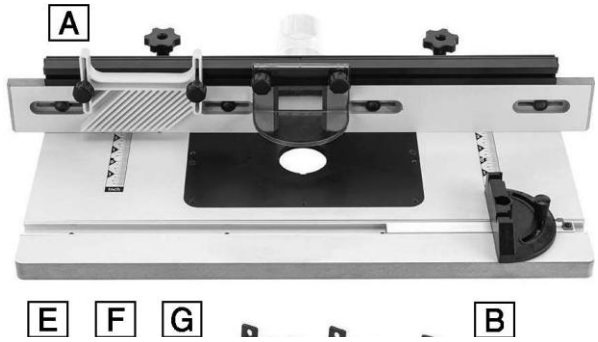


Figure 2: Parts and Accessories.

Item	Description	Qty
C	Table Insert (¼")	1
D	Table Insert (1")	1
E	Table Insert (1¼")	1
F	Table Insert (1½")	1
G	Table Insert (2")	1
H *(not shown)*	Tap Screws M5.5 × 13	14

- If any proprietary components are missing or damaged, **contact Technical Support at: (905)738-5115**

Assembly

ASSEMBLY OF MODEL BBTSROUTER

Assembly involves installing the mounting brackets onto the router table wing.

To assemble the router table wing:

1. Position the seven (7) mounting brackets into the designated pockets on the underside of the router table wing.

2. Secure each bracket using fourteen (14) M5.5 × 13 tap screws, as illustrated in Figure 5.

Ensure all screws are tightened securely to maintain structural integrity.

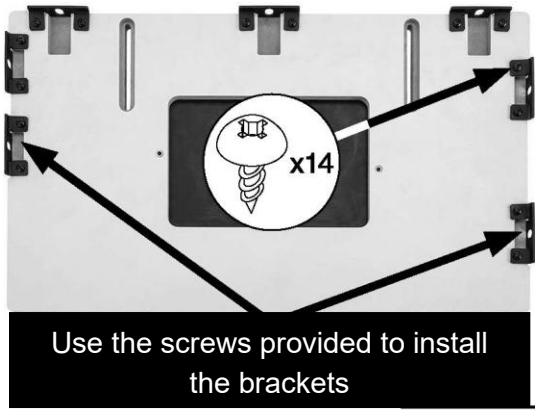


Figure 3: Installing the Seven Brackets.

ATTACHING ROUTER TABLE WING TO TABLE SAW EXTENSION WING

Follow the steps below to properly attach the router table wing to your table saw extension wing:

1. **DISCONNECT THE TABLE SAW FROM POWER.**
   Ensure all power is removed to prevent accidental startup or electrical hazards.
2. **Remove the fence from the main table.**
   Set it aside to allow access to the front and rear rails.
3. **Remove the tap screw and rail cap** from the right-hand side of the front rail, then remove the rail brace.
   (Refer to Figure 6 for visual reference.)
4. **Remove the eight (8) hex nuts** securing the front rail to the table saw.
   Carefully slide the front rail away from the saw.
   ⚠ **CAUTION:** Do not overstretch or damage the wires connected to the ON/OFF switch and motor.
5. **Remove the eight (8) cap screws and four (4) hex nuts** securing the rear rail to the table saw.

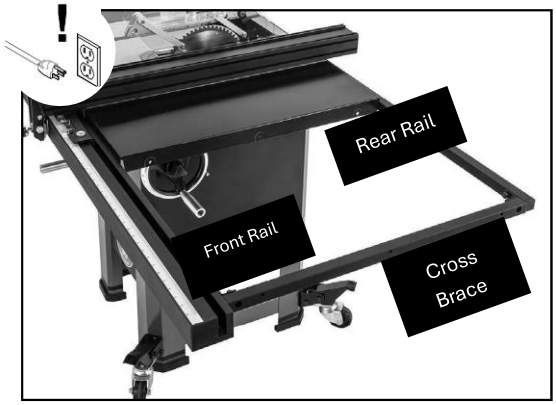


Figure 4: remove the front Rail, Back Rail and Cross Brace.

Proceed with installing the router table wing once the rails are detached.

6. **Remove the fence** from the router table wing to allow access to mounting points.
7. **Attach the router table wing** to the right-hand side extension wing of the table saw:
   - Have an assistant to support the router table wing during installation.

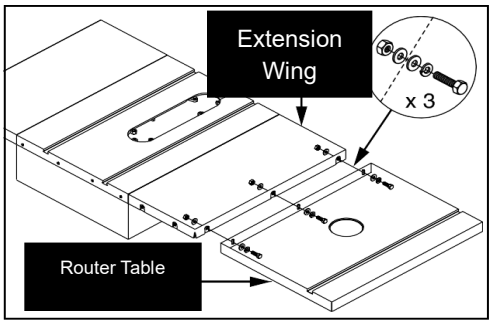


Figure 5: Attach the Router Table to the Band Saw's Extension Wing

- Align the mounting holes and secure the wing using the following hardware:
  - (3) M6-1 × 25 hex bolts
  - (3) 6mm lock washers
  - (6) 6mm flat washers
  - (3) M6-1.00 hex nuts *(Refer to Figure 5 for proper orientation and hardware placement.)*
- **Hand-tighten** all fasteners at this stage. Final alignment and tightening will be completed later.

8. **Check Table Surface Alignment** Place a 24" straightedge across the main saw table and the router table wing to verify that the combined surface is flat and level.

- **If the surface is flat and even:** Proceed to Step 9.
- **If the router table wing tilts downward at the outer edge:**
  - Remove the router table wing.
  - Apply strips of masking tape along the **bottom edge of the extension wing** to serve as shims.
  - Reinstall the router table wing and re-check alignment. *(Refer to Figure 6 and 7 for shim placement and adjustment technique.)*

Repeat the process as needed until the router table wing is flush and level with the main saw table across the entire width.

If the Outer Edge of the Router Table Wing Tilts Up:

- Remove the router table wing.
- Apply strips of masking tape along the **top edge** of the extension wing to act as shims.
- Reinstall the router table wing and re-check alignment with a straightedge.

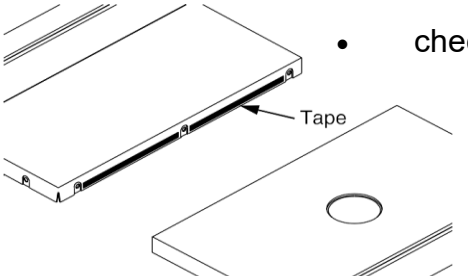


Figure 6: Tilt up shim placement.

Repeat the process as needed until the router table wing is level and flush with the main table surface from side to side.

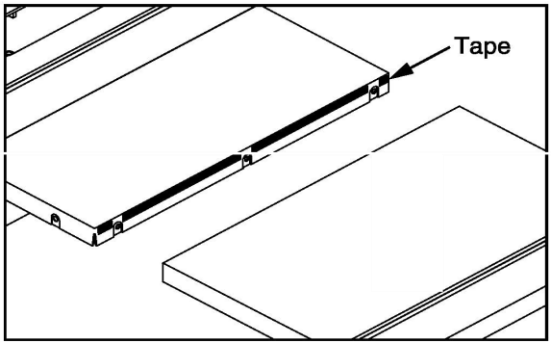


Figure 7: Tilt Down Shim Placement.

Note:
After reinstalling the router table wing and confirming alignment, use a **razor blade to remove any excess masking tape** from around the shimmed areas.

9. **Install Front Rail T-Slot Bolts**
   Insert **two (2) M6-1.25 × 25 hex bolts** into the T-slot on the **right-hand side of the front rail**.

10. **Reinstall Front Fence Rail**
    Align the **ten (10) hex bolts** on the front rail with the corresponding mounting holes in the following components (from left to right):

- Left extension wing
- Main table
- Right extension wing
- Router table wing
  See Figure 8.

Ensure the **scale on the front rail is facing upward** and clearly visible.

Thread **ten (10) M6-1.25 hex nuts** onto the bolts.
Hand-tighten only at this stage—final tightening will occur after all components are properly aligned.

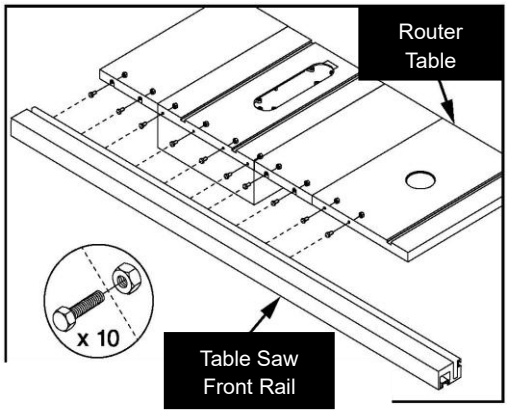


Figure 8: Installing the Front Rail.

11. **Reinstall the Rear Rail**
    Using the original hardware removed in Step 5, reinstall the rear rail onto the table saw.

12. **Mark Mounting Hole Locations**
    With the rear rail loosely installed, use a pencil to mark the positions of **two (2) holes** that must be drilled to align with the two mounting brackets on the router table wing.

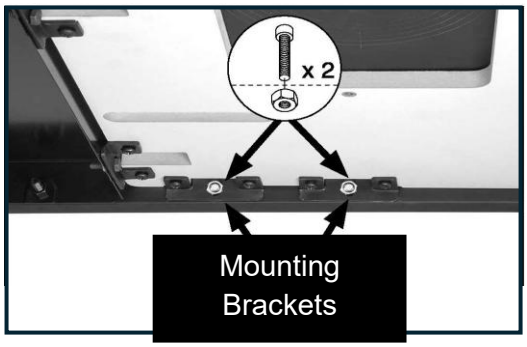


Figure 9: Marking and Drilling the Rear Rail holes.

13. **Drill Mounting Holes in Rear Rail**
    Remove the rear rail from the saw and drill **two (2) 10mm holes** at the marked positions.
    Note: Drill through both the front and rear walls of the rail to allow proper fastening.

14. **Reinstall the Rear Rail**
    Reattach the rear rail to the table saw using the original fasteners.

15. **Secure Router Table Wing to Rear Rail**
    Attach the router table wing to the rear rail using:

- **Two (2) M6-1.25 × 25 cap screws**
- **Two (2) M6-1.25 hex nuts**
  (Refer to Figure 11 for proper orientation and fastener placement.)
  Tighten securely.

16. **Tighten All Fasteners**
    With the router table wing and rails properly aligned and secured, **fully tighten all fasteners**, including:

- Mounting bracket hardware
- Front and rear rail bolts and nuts
- Router table wing-to-rail fasteners

Ensure all components are firmly secured and there is no movement or misalignment.

17. **Reinstall Rail Brace and Rail Cap**
    Reattach the **rail brace** and **rail cap** that were removed in Step 3 to the right-hand side of the front rail. Confirm they are properly seated and tightened to restore full structural support.

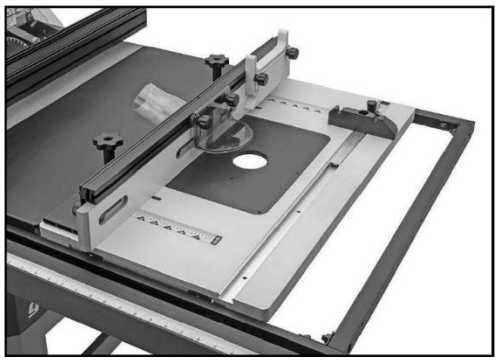


Figure10: Reinstalling the Cross Brace.

18. **Reinstall the Table Saw Fence**
    Position the table saw fence back onto the main table.
19. **Install Fence Assembly on Router Table**
    Align and install the router table fence assembly onto the router table wing.
    Ensure it is properly seated, and all adjustment knobs and lock

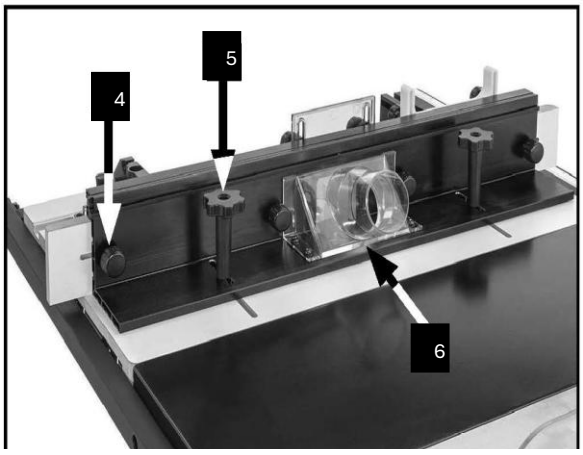


Figure11: Installing the Router Fence.

levers are securely tightened. *See Figure 11.*

ATTACHING ROUTER TABLE WING TO MAIN TABLE

Required Tools and Materials

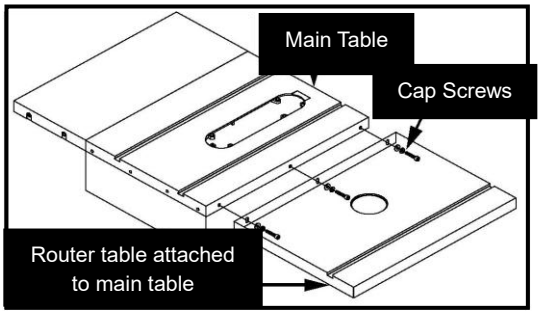


Figure12: Attaching the router table to the Main Table.

Item	Qty
13mm Wrench or Socket	1
Hex Wrenches (6mm, 8mm)	1 Each
Phillips Head Screwdriver	1
Straightedge (36")	1
Masking Tape	As Needed
Razor Blade	1
Assistant	1

Installation Steps

1. **DISCONNECT TABLE SAW FROM POWER.**
   Ensure all electrical power is disconnected before proceeding.
2. **Remove the table saw fence** from the main table and set it aside.
3. **Remove the rail cap and rail brace** from the right-hand side of the front rail.
   (Refer to Figure 5 on Page 10.)
4. **Remove the eight (8) hex nuts** securing the front rail to the saw, then slide the front rail away from the table.
   ⚠ **CAUTION:** Do not overstretch or damage the ON/OFF switch wiring connected to the motor.
5. **Remove the eight (8) cap screws and four (4) hex nuts** securing the rear rail to the table saw.
   (See Figure 4 on Page 17.)
6. **Remove the three (3) cap screws, flat washers, and lock washers** that secure the extension wing to the right side of the main table.
7. **Remove the fence** from the router table wing to allow access for mounting.
8. **Install the router table wing**:
   - With the help of an assistant, position the router table wing against the right-hand side of the main table.
   - Align the mounting holes and secure the wing using

the hardware removed in Step 6.

- **Hand-tighten** the fasteners at this stage to allow for final adjustment.

9. **Check Surface Alignment**
   Place a straightedge across the table saw and the router table wing to verify that the combined surface is flat and level.

- **If the surfaces are flush:**
  Proceed to Step 10.
- **If the router table wing tilts downward at the outer edge:**
  - Remove the router table wing.
  - Apply **strips of masking tape** along the **bottom edge** of the extension wing to act as shims.
  - Reinstall the router table wing and re-check the alignment with the straightedge.
    See Figure 6 and 7 for shim placement.

Repeat the process as necessary until the router table wing is aligned flat with the saw table across the full width.

- **If the outside edge of the router table wing tilts upward:**
  Remove the router table wing and apply strips of masking tape along the **top edge** of the extension wing. This will shim the router table wing down, leveling it with the table saw from side to side.
  Note: After reinstalling the router table wing and confirming alignment, carefully remove all excess masking tape using a razor blade to ensure a clean finish.

10. **Align and Secure Fence Rail**
    Align the eight (8) hex bolts on the fence rail with the corresponding holes in the extension wing, main table, and router table wing (see Figure 16). Ensure the scale on the fence rail is facing upward and clearly visible.

Insert the bolts fully through the aligned holes.
Thread eight (8) M8-1.25 hex nuts onto the bolts.
Hand-tighten the nuts at this stage to allow for final adjustments later.

11. **Install Rear Rail**
    Reattach the rear rail to the table saw using the original fasteners removed in Step 5.
    Use two of these fasteners to secure the router table wing to the rear rail as shown in the previous section.

12. **Tighten All Fasteners**
    Fully tighten all previously installed fasteners to ensure structural stability and proper alignment.

13. **Reinstall Rail Brace and Rail Cap**
    Install the rail brace and rail cap that were removed in Step 3.
    Verify they are securely fastened.

14. **Install Fences**
    Place the table saw fence onto the main table.
    Install the router table fence assembly onto the router table wing.
    Refer to previous section for the correct appearance and positioning of the fully assembled router table wing.

ATTACHING THE ROUTER TO THE MOUNTING PLATE

Required Tools and Materials

Item	Qty
Phillips Head Screwdriver (2)	1
Masking Tape or Marker	As Needed
Center Punch	1
Drill Press or Hand-Held Drill	1
Countersink Drill Bit	1

The included router mounting plate (included) is designed to attach to the router's base in the same manner as the router's original mounting plate. Use your router's base as a template to mark and drill mounting holes on the plate.

Important:
When positioning the router on the mounting plate, ensure all controls, adjustment knobs, lock levers, and the power switch remain accessible.

Procedure to Attach Router to Mounting Plate:

1. **Disconnect the router from power.**
   Always ensure the router is unplugged before starting this procedure.

2. **Mark the front edge of the mounting plate** using masking tape or an erasable marker for orientation reference.

3. **Remove the two (2) Phillips head screws** securing the mounting plate to the router table.
   Carefully lift the mounting plate out of the table opening.
   Place it on a protected surface, bottom side up, to avoid scratching.

4. **Set the router on the mounting plate** (see Figure).
   Align the router spindle with the center of the table insert opening.
   Use a marker to trace the outline of the router base onto the mounting plate, marking the hole locations as well.

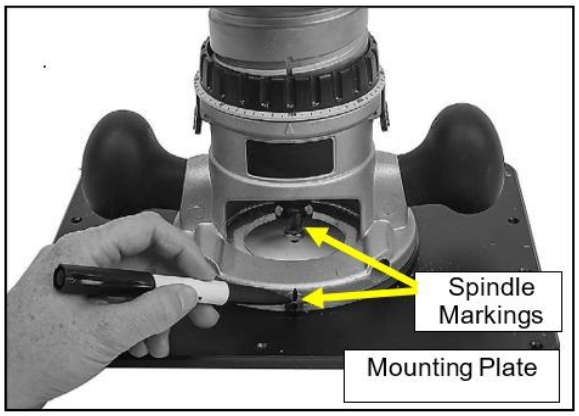


Figure 13: marking the holes on the Router.

5. **Note:**
   Before drilling, verify that the router's controls such as power switch, speed adjustment, and lock levers remain easily accessible in the planned mounting position.
6. If mounting holes in the router base plate overlapped or are too close to existing starter pin holes on the mounting plate, adjust the router's position slightly to avoid interference while maintaining proper alignment with the table insert opening.
7. **Remove the base plate** from the router.

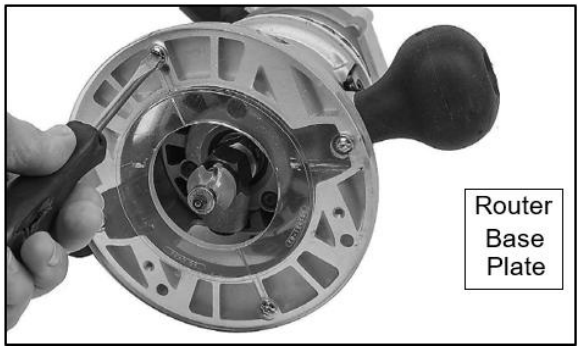


Figure14: Remove the base Plate.

Note: Retain all fasteners used to secure the base plate, as they will be needed to mount the router to the router table mounting plate.

6. **Center Router Base Plate**
   Position the router base plate on the mounting plate, ensuring the marks made in Step 4 remain aligned (see Figure).
7. **Align Using Base Plate as**

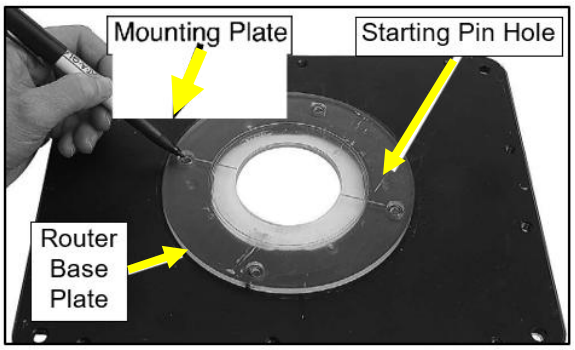


Figure15: Use the route's Base Plate to Mark the Holes.

Template
Use the router base plate as a drilling template to line up with existing pilot holes on the underside of the mounting plate (refer to Figure).

Note:
Use a center punch to mark any router base plate mounting holes that do not align with the pilot holes on the mounting plate.

8. Drill Mounting Holes
Using a drill press or hand-held drill with a guide, drill holes through the mounting plate at the marked locations.

- Select a drill-bit slightly larger than the diameter of the fasteners

used to secure the base plate to the router to facilitate easier installation.

9. Countersink Holes
Drill countersink recesses on the top surface of the mounting plate at the drilled holes.

- This allows fasteners to sit slightly below the surface, minimizing the risk of workpiece kickback caused by catching on protruding fasteners during routing operations.

- **10. Secure Router to Mounting Plate**
  Align the drilled holes in the mounting plate with the threaded holes in the router base. Use the fasteners removed in Step 5 to attach the router securely to the mounting plate (see Figure).
- **Note:**
  If the original fasteners are too short to properly secure the router, replace them with longer fasteners obtained from a local hardware store.
- **WARNING:**
  If the router shifts or the router bit contacts the mounting plate or fence board during operation, it may cause serious personal injury due to contact with the spinning bit or flying debris.
- **ALWAYS ensure the router is securely fastened to the mounting plate before commencing any cutting operations.**
- Insert the assembled mounting plate and router into the opening of the router table wing.
  Secure the assembly using the two (2) Phillips head screws removed in Step 3.
- Verify that the mounting plate and router table wing are properly aligned and flush.
  Refer to the **Aligning Mounting Plate** section on Page 27 for detailed alignment procedures.

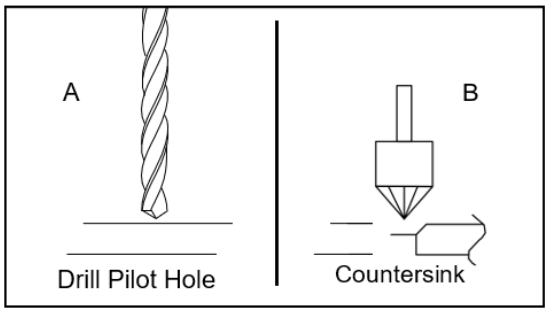


Figure16: Drill the Hole and Countersink them.

Dust Collection

DUST COLLECTION AND RESPIRATORY SAFETY

Routers generate significant dust and wood chips during use. Regular inhalation of airborne dust can lead to permanent respiratory issues. To minimize health risks:

- Always wear a **NIOSH-approved respirator** when operating the router.

- Use a properly configured **dust-collection system** to capture dust at the source.

Recommended Dust Port Airflow:

- Minimum airflow of **150 CFM** at the 2½" dust port.

Important:
The 150 CFM recommendation refers to the airflow at the dust port, not the total rating of your dust collector. Actual airflow depends on several factors:

1. Dust collector's rated CFM
2. Hose type and length between the collector and router table
3. Number of branches or ways in the duct system
4. Other open lines connected to the dust system

Calculating system airflow requires specialized knowledge beyond this manual. Consult a dust collection expert or reference a detailed guide on dust collection system design.

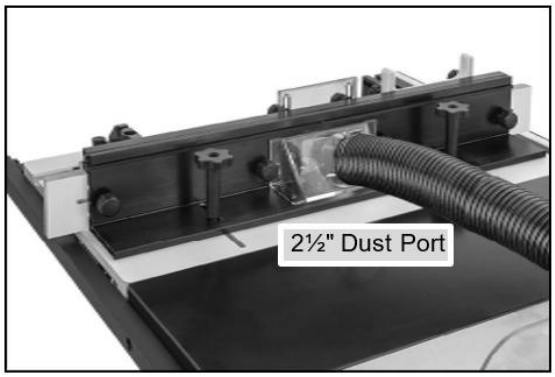


Figure17: Install the 2-1/2" Dust Hose.

Connecting the Dust-Collection System:

1. Fit a **2½" dust hose** securely over the dust port on the router table wing (see Figure 22).
2. Fasten the hose using a hose clamp or connect a compatible shop vacuum hose.
3. Tug the hose gently to confirm it is firmly attached and will not detach during operation.

Note: A tight, secure connection is essential for effective dust collection performance.

Section 3: Operations

⚠WARNING

your risk of serious injury, read this entire manual BEFORE using this product.

Eye injury and hearing loss can occur while using this item. Always wear protective equipment to reduce the risk of injury.

Loose clothing, Jewelry and long loose hair can result in entanglement that may result in death, amputation or sever injury.

NOTICE

If you are not experienced with this type of equipment, **we strongly recommend obtaining additional training** beyond the information provided in this manual. This may include:

- Reading instructional books or trade publications
- Watching training videos from reputable sources
- Attending formal woodworking or machinery operation courses

Warning: Lack of proper training significantly increases the risk of serious injury.

Busy Bee Tools **assumes no liability** for accidents resulting from inadequate training or improper use of this product.

TYPICAL ROUTING OPERATION

To safely perform a standard routing operation using the router table, follow the steps below:

1. **Inspect the Workpiece**
   Ensure the material is free from defects such as knots, voids, or embedded foreign objects. Confirm it is flat and suitable for routing.
2. **Adjust Infeed and Outfeed Fences**
   Position the infeed and outfeed fence boards close to the router bit to provide maximum support. Secure them tightly in place.
3. **Set Bit Height**
   Adjust the router bit to the appropriate height for the desired cutting profile.
4. **Set Fence Position**
   Position the entire fence assembly to establish the correct depth of cut. Lock it in place.
5. **Wear Required PPE and Prepare Safety Tools**
   - Put on CSA or ANSI-approved **safety glasses**, a CSA or **NIOSH-approved respirator**, and **hearing protection**.
   - Position **push sticks**, **blocks**, or other guiding aids within reach if required.
6. **Start Equipment**

- Verify the **router bit rotation direction** is correct for the intended operation.
- Start the **dust collection system**.
- Start the **router**.

IMPORTANT: For small or irregularly shaped workpieces, always use a **zero-clearance fence** or **custom jig** to improve support and reduce the risk of kickback.

7. **Perform the Cut**
   Hold the workpiece **firmly and flat** against the table and fence. Feed it **against the rotation of the router bit** at a **controlled, consistent rate** until it clears the bit completely.
8. **Complete the Cut**
   Continue maintaining firm control and alignment until the entire workpiece has passed beyond the router bit.
9. **Shut Down Equipment**
   Turn **OFF the router**, then shut **OFF the dust collector**. Wait until all components have fully stopped before handling the workpiece or adjusting any settings.

WORKPIECE INSPECTION

Always observe the following guidelines when selecting and routing stock:

- **Avoid Material with Large or Loose Knots**
  Do **not** route stock that contains large or loose knots. These can become dislodged during cutting, potentially causing injury or damaging the workpiece.
- **Do Not Cut Against the Grain Direction**
  Routing against the grain increases the risk of **kickback** and results in **poor surface finish** due to tear-out.
- **Always Route with the Grain**
  Cutting **with the grain** provides a smoother finish and enhances operational safety.

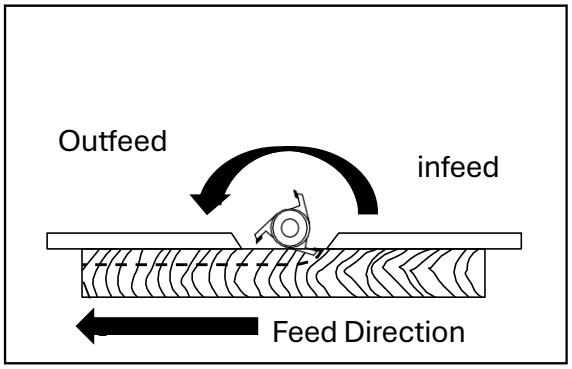


Figure 18: Proper Grain Direction.

- For proper grain direction: Feed the stock so the grain lines on the **edge of the workpiece angle down and toward you**, as shown in figure 18 above.

ADDITIONAL WORKPIECE PREPARATION GUIDELINES

- Changing Grain Direction
  If the grain direction varies along the edge of the workpiece, reduce cutting depth and perform

multiple shallow passes to maintain control and reduce tear-out.

- Remove Glue Residue
  Scrape off all glue deposits before routing. Hardened or soft glue can gum up the router bit, degrade cut quality, and significantly increase the risk of kickback.
- Eliminate Foreign Material
  Inspect the workpiece for dirt, nails, staples, stones, or other embedded debris. These materials can:
    - Damage or dull the router bit
    - Be ejected at high speed, posing a serious hazard

Note: Wood stored directly on concrete or soil may have abrasive particles embedded in its surface.

- Verify Moisture Content
  Ensure the stock is adequately dried before use.
- Avoid routing wood with moisture content above 20%, as it will:

- Cause excessive wear on the router bit
- Produce poor cutting results.
- Increase the likelihood of kickback.
- Accelerate rust and corrosion on equipment

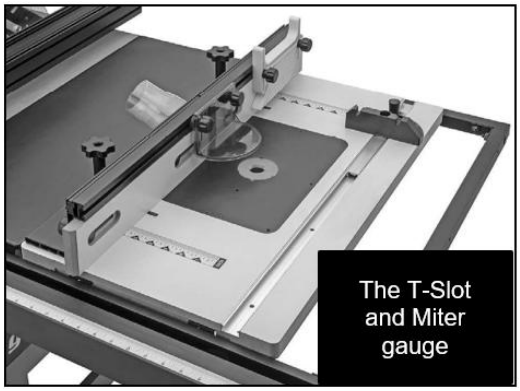


Figure19: T-Slot and Miter Gauge.

MATERIAL RESTRICTIONS

This router is engineered specifically for processing natural and man-made wood fiber products.

Do NOT use this router to cut the following materials:

- **Metal**
- **Glass**
- **Stone or tile**
- Products coated with lead-based paint
- Materials containing asbestos

WARNING:
Cutting any of the above materials can result in serious injury due to bit failure, high-speed debris ejection, or exposure to hazardous substances. Use the router only for its intended purpose.

ALIGNING FENCE WITH TABLE T-SLOT

When operating with a miter gauge, it is critical to ensure that the fence is

parallel to the table's **T-slot**. Proper alignment prevents the workpiece from binding, drifting, or kicking back during the cut.

Alignment Procedure:

1. Place a **precision straightedge or fine ruler** between the fence and the T-slot.
2. Measure the distance from the fence to the T-slot at both the front and rear of the table.
3. Adjust the fence position until the measurements are **equal along the entire length** (see Figure.

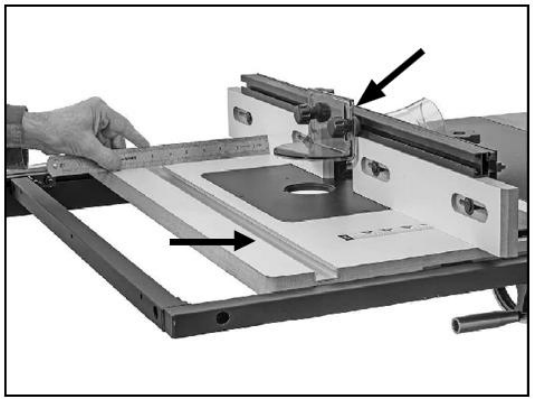


Figure 20: Parallelism of the Fence to the T-Slot.

Result:
A parallel setup ensures accurate, safe cuts and minimizes lateral pressure on the workpiece during routing.

IMPORTANT SAFETY NOTICE — FENCE ALIGNMENT

To prevent **kickback** or **binding** when using a miter gauge on this router table, **ALWAYS verify that the fence is parallel** with the table T-slot **before starting any routing operation**.

Failure to ensure proper alignment can result in loss of workpiece control and potential injury.

ADJUSTING THE FENCE

The Model BBTSROUTER router table fence assembly includes an **infeed** and **outfeed** fence, both of which can be independently adjusted to control the clearance around the router bit.

Side-to-Side Adjustment (Fence Boards)

- To increase or decrease the gap around the router bit:
    1. Loosen the **four fence board lock knobs** (see Figure.
    2. Slide the **infeed and outfeed fence boards** side to side as needed.
    3. **IMPORTANT:** Position the fence boards **as close to the bit as possible** without contacting it. This reduces the risk of injury and improves cut quality.
    4. Tighten all four knobs securely after adjustment.

Front-to-Back Adjustment (Fence Assembly)

- To change the depth of cut:
    1. Loosen the **two fence base lock knobs** (see Figure 26).

2. Slide the **entire fence assembly** forward or backward to the desired position.
3. Tighten both knobs securely once aligned.

Ensure all knobs are properly tightened before starting any operation.

ADJUSTING ROUTER BIT GUARD

The Model BBTSROUTER includes a **transparent bit guard** designed to reduce operator exposure to the spinning router bit.

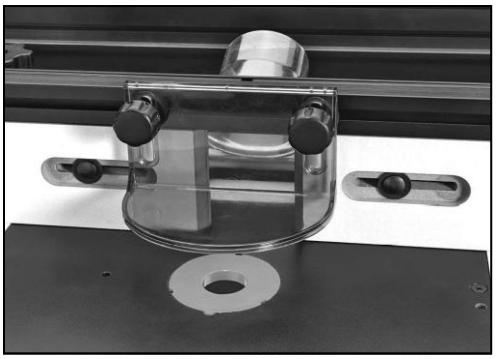


Figure21: Router Bit Guard.

Adjustment Capabilities:

- **Vertical Adjustment:** To accommodate varying workpiece thicknesses
- **Lateral Adjustment:** To align with different router bit diameters and fence openings

Proper Positioning:

- Set the **bottom edge of the bit guard no more than 1⁄8" (3.2 mm)** above the top surface of the workpiece.
- **Center the guard horizontally** over the opening between the infeed and outfeed fences.

WARNING:
Always verify the bit guard is correctly positioned and secured before operating the router. Improper guard placement can expose the operator to serious injury from contact with the bit or flying debris.

USING TABLE INSERTS

The Model BBTSROUTER router table includes five interchangeable table inserts:
½", 1", 1¼", 1½", and 2".

Figure 22: Router Table Inserts.

These inserts are designed to fit into the **mounting plate** and serve the following functions:

- **Reduce the size of the bit opening** to limit exposure to the spinning router bit.
- **Provide better workpiece support** near the cutting area, improving control and reducing tear-out.

- **Minimize the risk of kickback** and accidental contact.

Guidelines for Use:

- Select the insert with the **smallest opening** that fully clears the installed bit.
- **Do not operate the router** without a table insert installed.
- Inspect inserts regularly for **wear, damage, or warping**, and replace as necessary.

EDGE JOINTING

Edge jointing with a router table uses a **straight-cutting bit** to trim the edge of a board, producing a flat, square surface suitable for gluing or further processing.

Required Setup:

- **Straight-cutting router bit**
- **Spacer** (not included) placed behind the outfeed fence

The spacer must be surfaced to uniform thickness and have mounting holes. Its thickness determines the amount of material removed in a single pass.

Safety Reminder:

Always feed the workpiece **against the router bit's rotation direction**. Feeding with the rotation may cause the workpiece to be **pulled forcefully**, increasing the risk of injury.

Edge Jointing Procedure:

1. **Disconnect router from power.**
2. **Install a straight-cutting bit** into the router per the manufacturer's instructions.
3. **Install the appropriate table insert**, ensuring it fully clears the bit.
4. **Install spacer** between the outfeed fence and fence base.
    - Spacer thickness = material removal per pass.

IMPORTANT: Never remove more than **1/16" (1.5 mm)** in a single pass to minimize the risk of kickback.

5. **Adjust bit height** so the cutting edge is just above the top surface of the workpiece.
   Rotate the bit **by hand** until the cutting flute is **perpendicular** to the fence.
6. **Verify fence alignment** with the table T-slot see *Aligning Fence with Table T-Slot page 23*.
7. **Lock all components** in place:
    - Secure fence assembly
    - Tighten all knobs
    - Install and position the router bit guard correctly
8. **Reconnect router to power.**
   Feed the workpiece steadily against the rotation of the bit. Maintain firm control and flat

contact with the table throughout the cut.

9. **WARNING: RISK OF HAND INJURY**
10. To prevent accidental contact with the spinning router bit and reduce the risk of serious hand injury:
11. **ALWAYS ensure the fence and router bit guard are properly positioned and securely tightened before connecting the router to power.**
12. **Note:** This requirement does **not** apply to operations involving **free-handed routing**, where the fence and guard may not be used. In those cases, use appropriate jigs or safety accessories.

PROFILE ROUTING

Profile routing is used to cut decorative or shaped edges into a workpiece. A wide range of profiles can be achieved by using various router bits. For example, the **Ogee Bit** such as R917 three-bit set, or 827698B to produce a decorative edge.

To Perform a Profile Routing Operation:

1. **DISCONNECT MACHINE FROM POWER!**
   Always ensure the router is fully disconnected before making any adjustments.
2. **Install the Selected Bit**
   Secure the desired profile bit (e.g., ogee bit) in the router according to the router manufacturer's instructions.
3. **Adjust Bit Height and Fence Position**
   - Raise the router bit to the required **height** for the profile cut.
   - Position the **fence** so it sits **behind the bit**, at a distance equal to the desired **depth of cut**

Note: Always perform a test cut on scrap material to verify bit height and depth settings before routing the actual workpiece.

4. Ensure that both the **infeed and outfeed fences** are parallel with the table, especially when using the T-slot for a miter gauge. This alignment helps maintain cut accuracy and minimizes the risk of binding or kickback.

Figure 23: Ogee Router Bit set.

5. **Secure the setup**:
   - Lock the fence assembly in place.
   - Tighten all adjustment knobs.

- Connect the router to power.

Proceed to **perform the routing cut**, maintaining firm control of the workpiece and feeding it steadily **against the router bit rotation direction**.

ROUTING SMALL STOCK

Routing small or narrow workpieces poses a significantly higher risk of **kickback**, especially if the stock enters the gap between the router bit and fence. To reduce this risk, always use a **zero-clearance fence board** when routing small stock. This provides:

- Improved workpiece support
- Reduced tear-out
- Enhanced operator safety

Fabricating a Zero-Clearance Fence Board

1. **DISCONNECT ROUTER FROM POWER**
   Ensure the router is unplugged before starting any modification or setup.
2. **Remove the Existing Fences**
   Detach both the infeed and outfeed fence boards from the fence base.
3. **Select Suitable Material**
   Use a piece of **straight, smooth stock** that matches the height and thickness of the original fences and is approximately **36" in length**.
4. **Cut Bit Clearance Profile**
   In the center of the selected stock, **cut an opening** that matches the profile of the installed router bit and spindle (see Figure 33).

Make the opening as tight as possible around the bit to maximize support but ensure it does not interfere with bit rotation.

5. **Drill Countersunk Mounting Holes**
   Add countersunk holes to the zero-clearance fence board. These holes will allow the board and router bit guard to be securely fastened to the fence base without protruding fasteners.

SAFETY DEVICES FOR SMALL OR NARROW STOCK

Always use feather boards and push sticks when routing small or narrow workpieces. These accessories:

- Maintain firm, consistent pressure on the stock
- Keep hands safely away from the spinning router bit
- Improve control and reduce the risk of kickback or accidental contact

Proper use of feather boards and push sticks significantly enhances operator safety and cutting accuracy.

6. Secure the zero-clearance fence board and router bit guard to the

fence base. Verify the fence is parallel with the table T-slot as described in **Aligning Fence with Table T-Slot** (Page).

7. Confirm proper clearance around the router bit. Connect the router table to power and perform a test cut on scrap material to validate setup and cutting performance.

FREE-HAND ROUTING

Free-hand routing requires advanced skill and dexterity, as it is performed **without the support or protection** of the fence and router bit guard.

Key Hazards:

- The initial contact between the router bit and workpiece can cause the bit to **jerk or kick back**, posing a significant injury risk.
- Loss of workpiece control is more likely during free-hand operations, increasing the potential for serious injury.

Safety Requirements:

- Always use a **starting pin or block** to anchor the workpiece at the beginning of the cut (see Figures 24).
- Employ a **custom guard** or **workpiece holding jig** to maintain control throughout the operation.

Operational Advice:

- Slowly pivot the workpiece into the router bit from the anchor point to stabilize the cut and reduce kickback.
- Always exercise extreme caution during free-hand routing.

WARNING:
Routing without a fence and bit guard significantly increases the risk of accidental contact with the spinning bit, which can result in severe personal injury. Use jigs and safety devices whenever possible.

FREE-HAND ROUTING PROCEDURE

1. **Disconnect router from power** before making any adjustments or setup changes.
2. **Fabricate a jig** matching the desired finished shape and securely attach it to the workpiece.
    - Ensure all fasteners are clear of the router bit's path.
    - Hot glue can be used as an alternative to mechanical fasteners to avoid interference.
3. **Remove the fence** from the router table to allow unrestricted workpiece movement.
4. **If possible, fabricate and mount a custom guard** over the router bit to protect your hands during operation.

5. **Install a starting pin or block** in the mounting plate hole or clamp a starting block to the table to support the workpiece during initial contact.

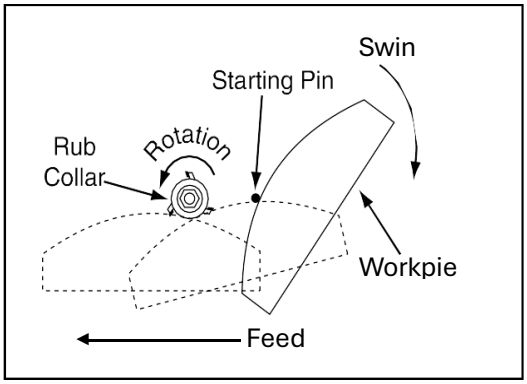


Figure 24: Free-hand Routing with the Starting Pin.

6. **Install a router bit with a guide bearing**, following the router manufacturer's instructions. Adjust the bit to the desired cutting height.
7. **Rest the workpiece against the starting pin**, power ON the router, and slowly pivot and feed the workpiece into the router bit.
    - After initiating the cut, guide the workpiece against the bearing and move it away from the starting pin for the remainder of the cut.

Note: Proceed cautiously and maintain firm control throughout the entire routing operation.

Section 4: Maintenance

MAINTENANCE SCHEDULE

To ensure optimal performance and safety, adhere strictly to the following maintenance schedule for the router table wing accessory.

Ongoing Inspection

Immediately stop using the accessory and correct any issues before resuming operation if you observe:

- Loose mounting bolts
- Loose mounting plate fasteners
- Damaged or dull router bits
- Any unsafe condition that could compromise safe operation

Weekly Maintenance

- **Clean and vacuum** dust and debris from:
    - Router
    - Table T-slot
    - Infeed and outfeed fence boards
- Remove excess wood chips and sawdust.
- Wipe remaining dust with dry cloth.
- If resin buildup is present, apply a **resin dissolving cleaner** to remove it.
- Ensure the table surface is dry and free of water, oil, or chemical solvents, which can cause corrosion, damage, or warping.

Section 5: Service

Refer to this section for guidance if any issues arise during operation. For replacement parts or further assistance, contact Technical Support.

Important: Before calling, have your item's serial number and manufacture date available to expedite service.

ALIGNING MOUNTING PLATE

Proper alignment of the mounting plate with the router table surface is essential to prevent the workpiece from catching and causing kickback.

Tools Required:

- 3 mm Allen Key (1)
- #2 Phillips Head Screwdriver (1)
- 48" Straightedge (1)

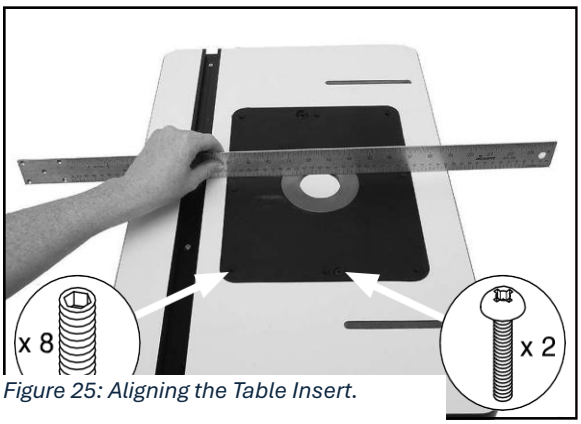


Figure 25: Aligning the Table Insert.

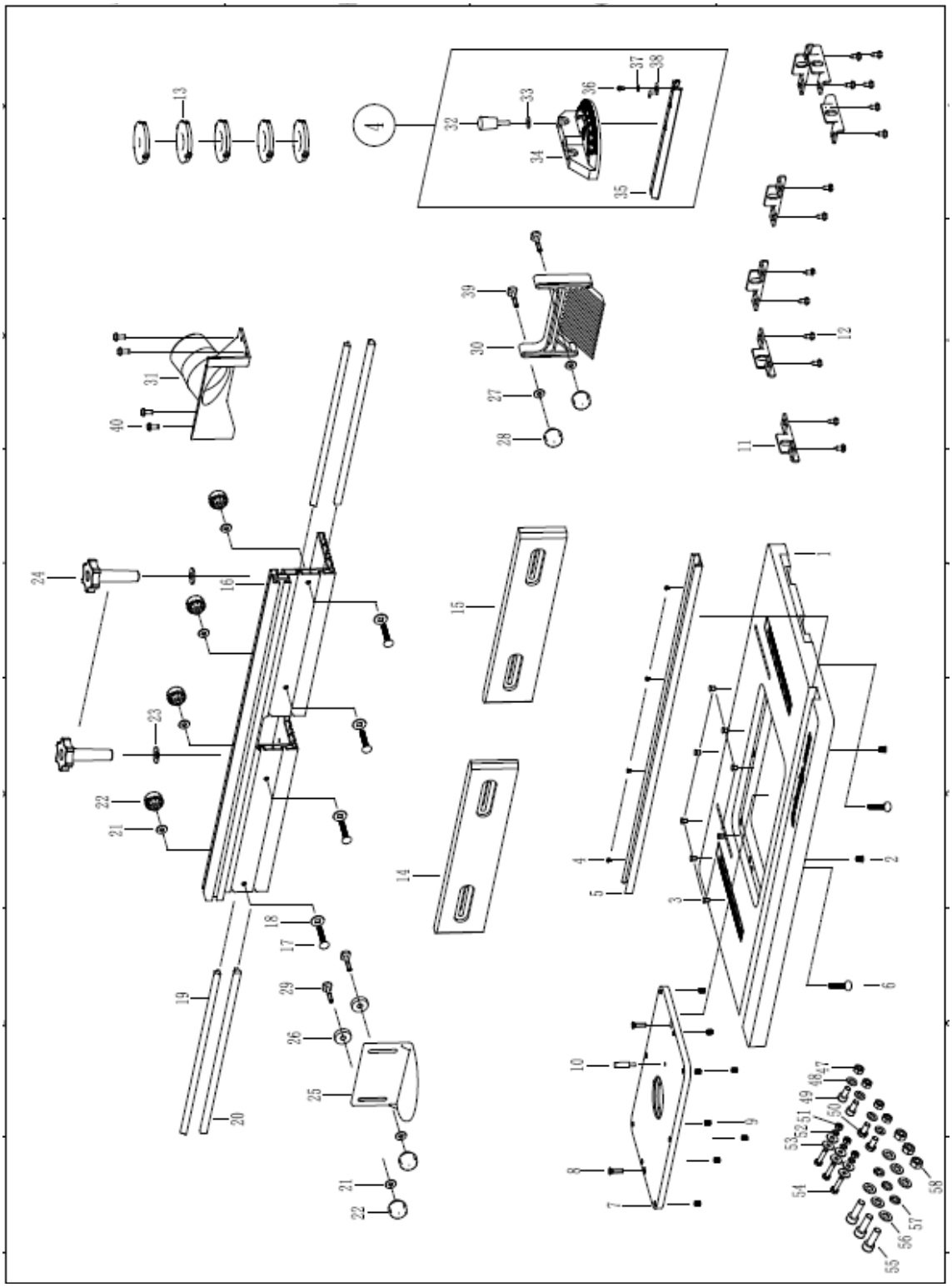
Alignment Procedure:

1. **Disconnect router from power.**
2. **Remove the fence assembly** from the router table.
3. **Remove the two Phillips head screws** securing the mounting plate to the table.
4. **Place the straightedge** across the mounting plate, table insert, and table surfaces following the pattern shown in Figure 37.
5. **Adjust the mounting plate set screws** see Figure as needed to ensure the straightedge lays flat across the entire surface.
6. **Repeat Steps 4 and 5** until the mounting plate is perfectly flushed with the table surface.
7. **Re-secure the mounting plate** using the Phillips head screws removed in Step 3.

Operation Troubleshooting Guide

Symptom	Possible Cause	Possible Solution
Workpiece catches on mounting plate	Mounting plate and table are not evenly aligned	Align mounting plate (Page 27)
Workpiece catches on infeed/outfeed fence boards	Fence and table T-slot are not parallel	Align fence with table T-slot (Page 19)
Workpiece catches in gap between infeed/outfeed fence boards	Workpiece is too small for fence	Create zero-clearance fence for operation (Page 22)
Workpiece burns when cut	1. Router bit dull2. Feeding workpiece too slowly3. Router bit spinning in wrong direction4. Depth of cut too deep	1. Replace router bit2. Increase feed rate3. Reverse router bit rotation direction4. Reduce depth of cut (especially for hardwoods)
Fuzzy grain	1. Wood has high moisture or surface wetness2. Router bit dull	1. Check moisture content; dry if >20% (Page 18)2. Replace router bit
Chipping	1. Knots or conflicting grain direction2. Nicked or chipped router bit3. Feeding workpiece too fast4. Depth of cut too deep5. Cutting against wood grain	1. Use clean stock free of knots; feed with grain (Page 18)2. Replace router bit3. Decrease feed rate4. Reduce depth of cut (especially for hardwoods)
Divots in edge of cut	1. Inconsistent feed speed2. Inconsistent pressure against fence3. Fence not adjusted correctly	1. Maintain consistent feed rate2. Apply constant pressure3. Adjust fence properly (Page 19)

Section 6: Diagram and Parts



Parts List

NO.	Part Number	Description	QTY.
1	PBBTSROUT01	TABLE	1
2	PBBTSROUT02	THREADED INSERT M5-0.80X9.5MM	2
3	PBBTSROUT03	SET SCREW M61.00X8MM	8
4	PBBTSROUT04	TAP SCREW M2.9 X 10	4
5	PBBTSROUT05	T-SLOT TRACK	1
6	PBBTSROUT06	T-BOLT M8-1.25 X40MM	2
7	PBBTSROUT07	MOUNTING PLATE	1
8	PBBTSROUT08	FLAT HD SCR M5-0.80X20MM	2
9	PBBTSROUT09	SET SCREW M6-1.00X8MM	8
10	PBBTSROUT10	STARTING PIN	1
11	PBBTSROUT11	MOUNTING BRACKET	7
12	PBBTSROUT12	TAP SCREW M5.5 X 13	14
14	PBBTSROUT14	FENCE BOARD (LEFT)	1
15	PBBTSROUT15	FENCE BOARD (RIGHT)	1
16	PBBTSROUT16	FENCE	1
17	PBBTSROUT17	CARRIAGE BOLT M6-1.00X40MM	4
18	PBBTSROUT18	CARRIAGE WASHER 7 X 1.5 X 20MM	4
19	PBBTSROUT19	T-SLOT COVER 1/8" X 14"	2
20	PBBTSROUT20	T-SLOT COVER 1/4" X 14"	2
21	PBBTSROUT21	FLAT WASHER 6MM	6
22	PBBTSROUT22	KNOB M6	6
23	PBBTSROUT23	FLAT WASHER 8MM	2
24	PBBTSROUT24	KNOB M8	2
25	PBBTSROUT25	ROUTER BIT GUARD	1
26	PBBTSROUT26	SPACER	2
27	PBBTSROUT27	FLAT WASHER 5MM	2
28	PBBTSROUT28	KNOB M5-0.80	2
29	PBBTSROUT29	T-BOLT M6-1.00 X30MM	2
30	PBBTSROUT30	FEATHERBOARD	1
31	PBBTSROUT31	DUST PORT 2-1/2"	1
32	PBBTSROUT32	KNOB M6	1
33	PBBTSROUT33	FLAT WASHER 6MM	1
34	PBBTSROUT34	MITER GAUGE	1
35	PBBTSROUT35	MITER BAR	1
36	PBBTSROUT36	PHLP HD SCR M4 X 6	1
37	PBBTSROUT37	FLAT WASHER 4MM	1

NO.	Part Number	Description	QTY.
38	PBBTSROUT38	POINTER	1
39	PBBTSROUT39	T-BOLT M5-0.80 X30MM	2
40	PBBTSROUT40	PHLP HD SCR M6-1.00 X10MM	4
41	PBBTSROUT41	TABLE INSERT 1/2"	1
42	PBBTSROUT42	TABLE INSERT 1"	1
43	PBBTSROUT43	TABLE INSERT 1-1/4"	1
44	PBBTSROUT44	TABLE INSERT 1-1/2"	1
45	PBBTSROUT45	TABLE INSERT 2"	1
46	PBBTSROUT46	MITER GAUGE ASSEMBLY	1
47	PBBTSROUT47	HEX NUT M8-1.25	4
48	PBBTSROUT48	FLAT WASHER 8MM	4
49	PBBTSROUT49	HEX CAP SCREW M8-1.25 X16MM	2
50	PBBTSROUT50	HEX BOLT M8-1.25 X16MM	2
51	PBBTSROUT51	HEX NUT M6-1.00	3
52	PBBTSROUT52	SPRING WASHER M6	3
53	PBBTSROUT53	BIG WASHER M6	6
54	PBBTSROUT54	HEX CAP SCREW M6-1.00 X 25MM	3
55	PBBTSROUT55	HEX CAP SCREW M10-1.50X 25MM	3
56	PBBTSROUT56	FLAT WASHER 10MM	6
57	PBBTSROUT57	FLAT WASHER 10MM	3
58	PBBTSROUT58	HEX NUT M10-1.50	3

Busy Bee Tools

BUSY BEE TOOLS 2 YEARS LIMITED WARRANTY

Busy Bee Tools warrants every product to be free from defects in materials and agrees to correct such defects where applicable. This warranty covers ***two years*** for parts and 90 days for labor (unless specified otherwise), to the original purchaser from the date of purchase but does not apply to malfunctions arising directly or indirectly from misuse, abuse, improper installation or assembly, negligence, accidents, repairs or alterations or lack of maintenance.

Proof of purchase is necessary.

All warranty claims are subject to inspection of such products or part thereof and Busy Bee Tools reserves the right to inspect any returned item before a refund or replacement may be issued.

This warranty shall not apply to consumable products such as blades, bits, belts, cutters, chisels, punches etc.

Busy Bee Tools shall in no event be liable for injuries, accidental or otherwise, death to persons or damage to property or for incidental contingent, special or consequential damages arising from the use of our products.

IF THE MACHINE IS ALTERED IN ANY WAY, THE WARRANTY SHALL BE NULL AND VOID.

RETURNS, REPAIRS AND REPLACEMENTS

To return, repair, or replace a Busy Bee Tools product, you must visit the appropriate Busy Bee Tools showroom or call 1-800-461-BUSY.

For replacement parts directly from Busy Bee Tools, for this machine, please call 1-800-461-BUSY (2879), and have your model number and part number & payment option ready.

- All returned merchandise will be subject to a minimum charge of 15% for re-stocking and handling the following qualifications.
- Returns must be pre-authorized by us in writing.
- We do not accept collect shipments.
- Items returned for warranty purposes must be insured and shipped pre-paid to the nearest warehouse
- Returns must be accompanied by a copy of your original invoice as proof of purchase. Returns must be in unused condition and shipped in their original packaging a letter explaining your reason for the return. Incurred shipping and handling charges are not refundable.
- Busy Bee will repair or replace the item at our discretion and subject to our inspection.
- Repaired or replaced items will be returned to you pre-paid by our choice of carriers.
- Busy Bee reserves the right to refuse reimbursement or repairs or replacement if a third party without our prior authorization has carried out repairs to the item.
- Repairs made by Busy Bee Tools are warranted for 30 days on parts and labor.
- Any unforeseen repair charges will be reported to you for acceptance prior to making the repairs.
- The Busy Bee Parts & Service Departments are fully equipped to do repairs on all products purchased from us except for some products that require the return to their authorized repair depots. A Busy Bee representative will provide you with the necessary information to have this done.
- For faster service it is advisable to contact the nearest Busy Bee location for parts availability.