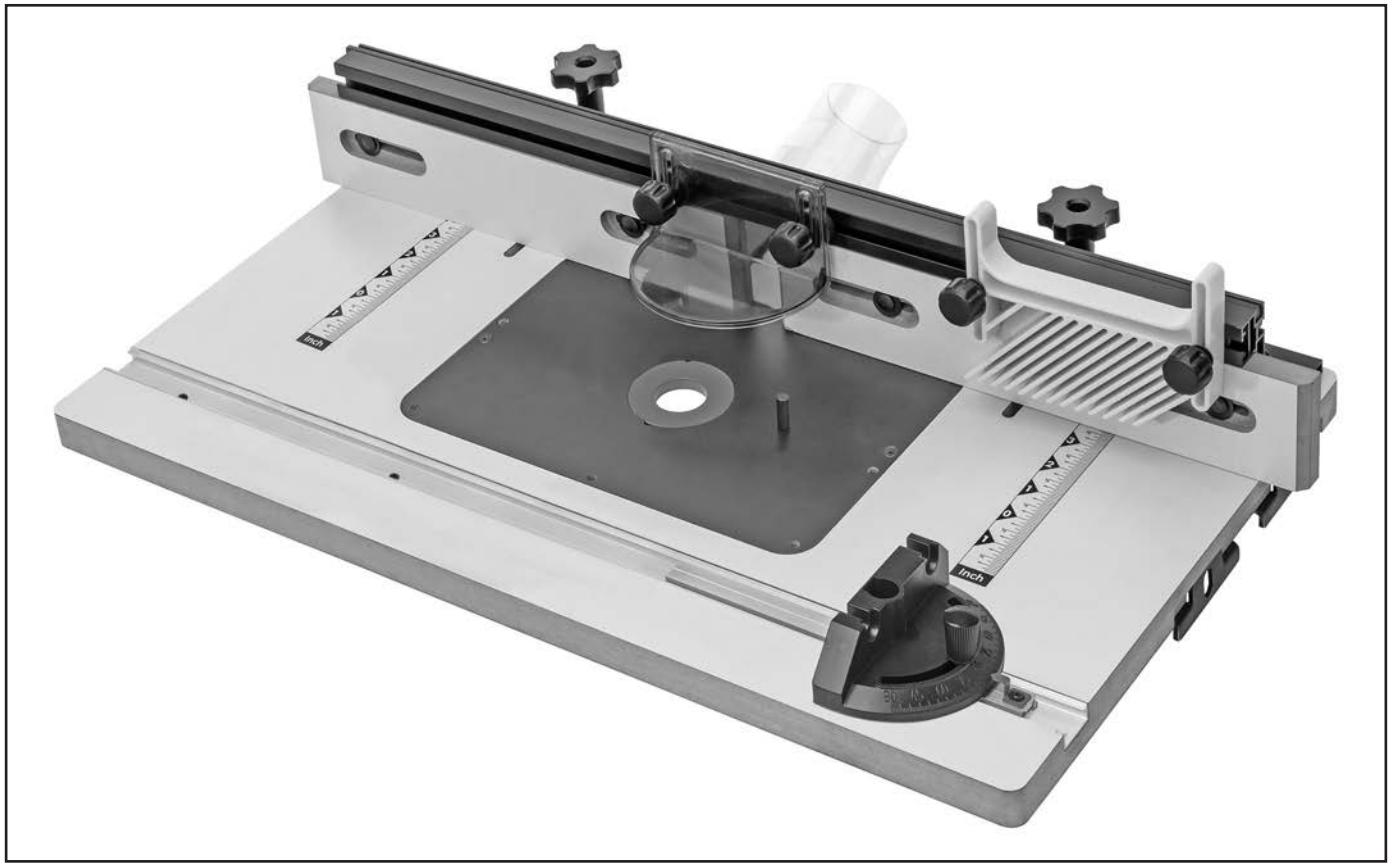
# MODEL T33850
# ROUTER TABLE WING
## OWNER'S MANUAL
***(For models manufactured since 03/25)***




#MN22856 PRINTED IN TAIWAN V2.03.25

******Keep for Future Reference******

# ⚠ WARNING!

**This manual provides critical safety instructions on the proper setup, operation, maintenance, and service of this machine/tool. Save this document, refer to it often, and use it to instruct other operators.**

**Failure to read, understand and follow the instructions in this manual may result in fire or serious personal injury—including amputation, electrocution, or death.**

**The owner of this machine/tool is solely responsible for its safe use. This responsibility includes but is not limited to proper installation in a safe environment, personnel training and usage authorization, proper inspection and maintenance, manual availability and comprehension, application of safety devices, cutting/sanding/grinding tool integrity, and the usage of personal protective equipment.**

**The manufacturer will not be held liable for injury or property damage from negligence, improper training, machine modifications or misuse.**

# ⚠ WARNING!

**Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:**

- **Lead from lead-based paints.**
- **Crystalline silica from bricks, cement and other masonry products.**
- **Arsenic and chromium from chemically-treated lumber.**

**Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: Work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.**

# Table of Contents



# *IMPORTANT NOTICE!*

## Modifications Required for Mounting the Model T33850 Router Table Wing

If you intend to mount the router table wing to the table saw extension wing, you will have to drill two holes in the rear rail of the table saw to secure the rail to the router table wing mounting brackets.

The universal mounting plate that is included with the Model T33850 does not have pre-drilled mounting holes to hold your router. This is because different brands of routers have different base mounting hole configurations. To properly use this router table, you will have to drill holes in the mounting plate that match the base mounting hole configuration of your router.

The procedures above will require a drill, the correct size drill bits, and possibly additional fasteners for mounting the router.

Before performing any modifications on the mounting plate or the table saw rear rail, read the entire **SETUP** section in this manual to make sure the person making the modifications is capable of performing the required tasks. It is imperative that your router is firmly secured to the router mounting plate, and that the table saw wing is securely mounted to the table saw before performing any operations.

# INTRODUCTION

## Contact Info

We stand behind our products! If you have questions or need help, contact us with the information below. Before contacting, make sure you get the **serial number** and **manufacture date**. This will help us help you faster.

Grizzly Technical Support
1815 W. Battlefield
Springfield, MO 65807
Phone: (570) 546-9663
Email: techsupport@grizzly.com

We want your feedback on this manual. What did you like about it? Where could it be improved? Please take a few minutes to give us feedback.

Grizzly Documentation Manager
P.O. Box 2069
Bellingham, WA 98227-2069
Email: manuals@grizzly.com

## Description

The Model T33850 Router Table Wing is designed to fit on the Grizzly Model G0962 and G0962A40 10" table saws and the Shop Fox Model W1837 10" table saw.

## Manual Accuracy

We are proud to offer this document with your new router table wing! We've made every effort to be exact with the instructions, specifications, drawings, and photographs of the model we used when writing this manual. However, sometimes we still make an occasional mistake.

Also, owing to our policy of continuous improvement, **your router table wing may not exactly match the manual**. If you find this to be the case, and the difference between the manual and router table wing leaves you in doubt, immediately call our technical support for updates or clarification.

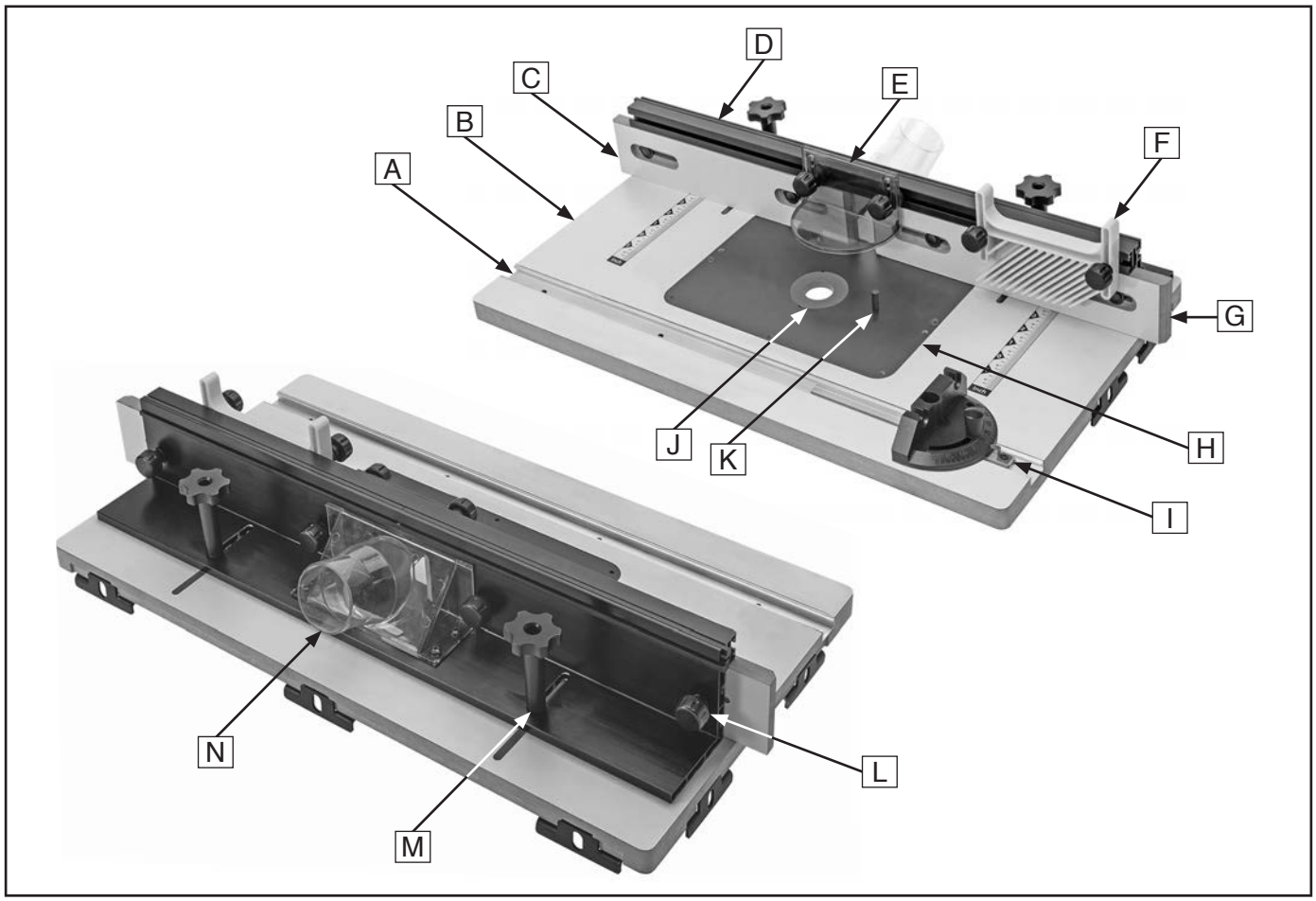
For your convenience, we post all available documentation on our website at **www.grizzly.com**. Any updates to this document will be reflected on our website as soon as complete.

## Specifications

| | |
|---|---|
| Product Weight | 22 lbs. |
| Table Size | 27 x 15-7/8 x 1 in. |
| Table T-Slot Size | 3/4 in. |
| Plate Size | 11-13/16 x 7-7/8 x 3/8 in. |
| Plate Insert Size | 2-1/2 in. |
| Number of Table Inserts | 5 |
| Inside Diameter of Table Inserts | 1/2, 1, 1-3/16, 1-1/2, 2 in. |
| Fence Board Size | 14 x 2-7/8 x 3/4 in. |
| Fence T-Slot Size | 1/4 in. |
| Dust Port Size | 2-1/2 in. |

# Identification

Become familiar with the names and locations of the controls and features shown below to better understand the instructions in this manual.



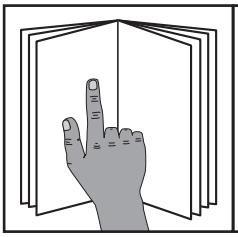

**A.** T-Slot ¾"
**B.** Router Table Wing
**C.** Outfeed Fence
**D.** Fence Base
**E.** Router Bit Guard
**F.** Featherboard
**G.** Infeed Fence
**H.** Mounting Plate
**I.** Miter Gauge
**J.** Table Insert
**K.** Starting Pin
**L.** Fence Board Lock Knob (1 of 4)
**M.** Fence Base Lock Knob (1 of 2)
**N.** Dust Port 2½"

## ⚠WARNING

**For Your Own Safety Read Instruction Manual Before Operating Router Table**

**a) Wear eye protection.**
**b) Always keep router bit guard in place and in proper operating condition.**
**c) Feed workpiece AGAINST rotation of router bit.**
**d) Keep fingers away from revolving bit; use fixtures when necessary.**
**e) Do not use awkward hand positions.**

# Controls & Components



**⚠WARNING**

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

Refer to the following figures and descriptions to become familiar with the basic controls and components of this item. Understanding these items and how they work will help you understand the rest of the manual and minimize your risk of injury when operating this item.

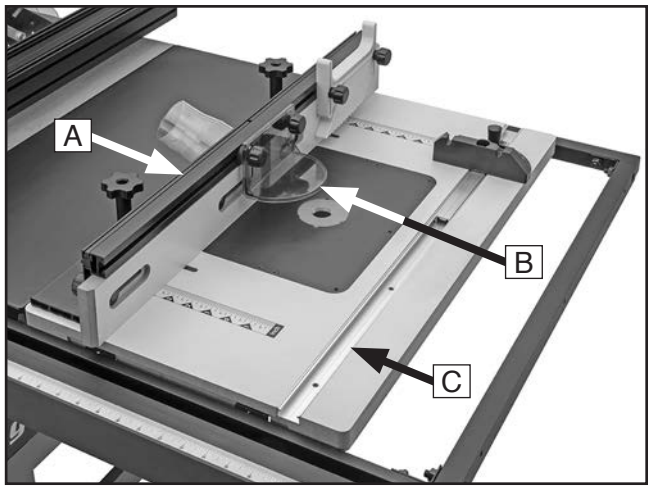



**Figure 1.** Router table controls (front).

**A. Fence:** Provides workpiece support during router operations. T-slots allow attachment of hold-downs, featherboards, etc.

**B. Router Bit Guard:** Provides workpiece visibility while shielding user during operations.

**C. T-Slot:** Provides secure attachment point for router table accessories, such as miter gauge, jigs, featherboards, etc.

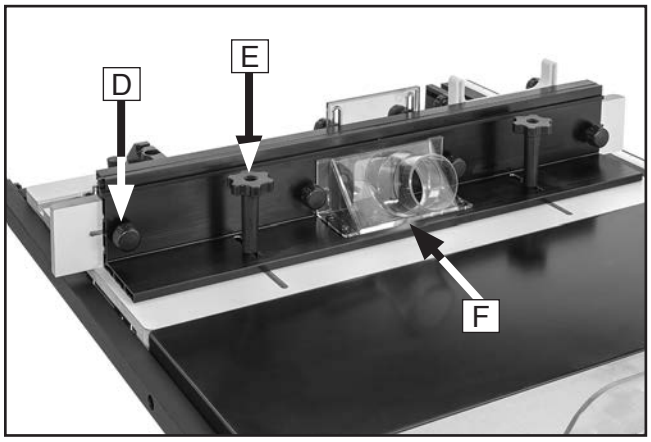



**Figure 2.** Router table controls (rear).

**D. Fence Board Lock Knob (1 of 4):** Tighten and loosen infeed/outfeed fences for side-to-side adjustment.

**E. Fence Base Lock Knob (1 of 2):** Tighten and loosen fence base for front-to-rear adjustment.

**F. Dust Port:** 2½" dust port connects to user's dust-collection system.

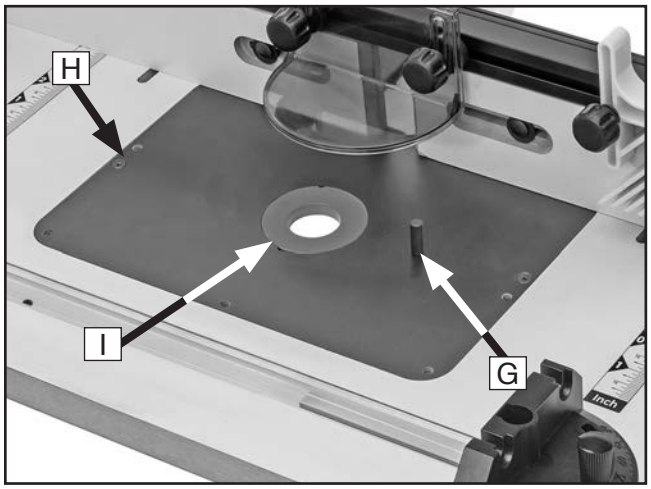



**Figure 3.** Mounting plate components.

**G. Starting Pin:** Supports workpiece during beginning of freehand cuts.

**H. Mounting Plate:** Attaches router to table.

**I. Table Insert:** Provides additional workpiece control and safety near bit during operations.

# SECTION 1: SAFETY

## For Your Own Safety, Read Instruction Manual Before Operating This Machine

**The purpose of safety symbols is to attract your attention to possible hazardous conditions. This manual uses a series of symbols and signal words intended to convey the level of importance of the safety messages. The progression of symbols is described below. Remember that safety messages by themselves do not eliminate danger and are not a substitute for proper accident prevention measures. Always use common sense and good judgment.**

**⚠DANGER** **Indicates an imminently hazardous situation which, if not avoided, WILL result in death or serious injury.**

**⚠WARNING** **Indicates a potentially hazardous situation which, if not avoided, COULD result in death or serious injury.**

**⚠CAUTION** **Indicates a potentially hazardous situation which, if not avoided, MAY result in minor or moderate injury. It may also be used to alert against unsafe practices.**

***NOTICE*** **Alerts the user to useful information about proper operation of the machine to avoid machine damage.**

## Safety Instructions for Machinery

### ⚠WARNING

**OWNER'S MANUAL.** Read and understand this owner's manual BEFORE using machine.

**TRAINED OPERATORS ONLY.** Untrained operators have a higher risk of being hurt or killed. Only allow trained/supervised people to use this machine. When machine is not being used, disconnect power, remove switch keys, or lock-out machine to prevent unauthorized use—especially around children. Make your workshop kid proof!

**DANGEROUS ENVIRONMENTS.** Do not use machinery in areas that are wet, cluttered, or have poor lighting. Operating machinery in these areas greatly increases the risk of accidents and injury.

**MENTAL ALERTNESS REQUIRED.** Full mental alertness is required for safe operation of machinery. Never operate under the influence of drugs or alcohol, when tired, or when distracted.

**ELECTRICAL EQUIPMENT INJURY RISKS.** You can be shocked, burned, or killed by touching live electrical components or improperly grounded machinery. To reduce this risk, only allow qualified service personnel to do electrical installation or repair work, and always disconnect power before accessing or exposing electrical equipment.

**DISCONNECT POWER FIRST.** Always disconnect machine from power supply BEFORE making adjustments, changing tooling, or servicing machine. This prevents an injury risk from unintended startup or contact with live electrical components.

**EYE PROTECTION.** Always wear ANSI-approved safety glasses or a face shield when operating or observing machinery to reduce the risk of eye injury or blindness from flying particles. Everyday eyeglasses are NOT approved safety glasses.

# ⚠WARNING

**WEARING PROPER APPAREL.** Do not wear loose clothing, gloves, neckties, or jewelry that can become entangled in moving parts. Always tie back or cover long hair. Wear non-slip footwear to reduce risk of slipping and losing control or accidentally contacting cutting tool or moving parts.

**HAZARDOUS DUST.** Dust created by machinery operations may cause cancer, birth defects, or long-term respiratory damage. Be aware of dust hazards associated with each workpiece material. Always wear a NIOSH-approved respirator to reduce your risk.

**HEARING PROTECTION.** Always wear hearing protection when operating or observing loud machinery. Extended exposure to this noise without hearing protection can cause permanent hearing loss.

**REMOVE ADJUSTING TOOLS.** Tools left on machinery can become dangerous projectiles upon startup. Never leave chuck keys, wrenches, or any other tools on machine. Always verify removal before starting!

**USE CORRECT TOOL FOR THE JOB.** Only use this tool for its intended purpose—do not force it or an attachment to do a job for which it was not designed. Never make unapproved modifications—modifying tool or using it differently than intended may result in malfunction or mechanical failure that can lead to personal injury or death!

**AWKWARD POSITIONS.** Keep proper footing and balance at all times when operating machine. Do not overreach! Avoid awkward hand positions that make workpiece control difficult or increase the risk of accidental injury.

**CHILDREN & BYSTANDERS.** Keep children and bystanders at a safe distance from the work area. Stop using machine if they become a distraction.

**GUARDS & COVERS.** Guards and covers reduce accidental contact with moving parts or flying debris. Make sure they are properly installed, undamaged, and working correctly BEFORE operating machine.

**FORCING MACHINERY.** Do not force machine. It will do the job safer and better at the rate for which it was designed.

**NEVER STAND ON MACHINE.** Serious injury may occur if machine is tipped or if the cutting tool is unintentionally contacted.

**STABLE MACHINE.** Unexpected movement during operation greatly increases risk of injury or loss of control. Before starting, verify machine is stable and mobile base (if used) is locked.

**USE RECOMMENDED ACCESSORIES.** Consult this owner's manual or the manufacturer for recommended accessories. Using improper accessories will increase the risk of serious injury.

**UNATTENDED OPERATION.** To reduce the risk of accidental injury, turn machine ***OFF*** and ensure all moving parts completely stop before walking away. Never leave machine running while unattended.

**MAINTAIN WITH CARE.** Follow all maintenance instructions and lubrication schedules to keep machine in good working condition. A machine that is improperly maintained could malfunction, leading to serious personal injury or death.

**DAMAGED PARTS.** Regularly inspect machine for damaged, loose, or mis-adjusted parts—or any condition that could affect safe operation. Immediately repair/replace BEFORE operating machine. For your own safety, DO NOT operate machine with damaged parts!

**MAINTAIN POWER CORDS.** When disconnecting cord-connected machines from power, grab and pull the plug—NOT the cord. Pulling the cord may damage the wires inside. Do not handle cord/plug with wet hands. Avoid cord damage by keeping it away from heated surfaces, high traffic areas, harsh chemicals, and wet/damp locations.

**EXPERIENCING DIFFICULTIES.** If at any time you experience difficulties performing the intended operation, stop using the machine! Contact our Technical Support at (570) 546-9663.

# Additional Safety for Router Tables

## ⚠WARNING

**Serious cuts, amputation, entanglement, or death can occur from contact with spinning bit. Improperly secured bits or spindle parts/fasteners can fly off and strike nearby operators or bystanders with great force. Flying dust or debris from cutting operation can cause eye injuries or blindness. To minimize risk of getting hurt or killed, anyone operating router MUST completely heed hazards and warnings below.**

**AVOIDING AMPUTATION.** To avoid making contact with spinning router bit, never place hands directly over or in front of bit. As one hand approaches bit, move it away and over to other side. Always keep hands at least 6" away from spinning bit.

**SECURING LEVERS AND KNOBS.** Never operate router table without first making sure all lock levers and knobs are tight, and all fence hardware and guide rails are secure. Otherwise, workpiece can slip out of alignment while cutting and cause injury from kickback.

**DO NOT FORCE WORKPIECE.** Never force materials past router. Let router bit do the work. Excessive force is likely to result in poor cutting results and will cause kickback conditions that could cause serious personal injury.

**BLIND CUTTING.** Keep router bit on underside of workpiece when making blind cuts. This will decrease risk of accidental contact with spinning bit.

**ROUTER BIT ROTATION.** Always feed workpiece against rotation direction of bit. Otherwise, workpiece could be aggressively pulled from your hands, drawing them into spinning bit.

**ROUTER BIT HEIGHT.** Keep any unused portion of bit below the table surface to minimize risk of your hand contacting spinning bit.

**ROUTER BIT SPEED.** Do not exceed recommended speed of any router bit. Doing so can cause bit to fracture or explode and cause injury.

**CUTTING SUPPORT.** NEVER cut workpiece without using a fence, jig, or miter gauge as a support guide. Otherwise, workpiece could be aggressively pulled from your hands, drawing them into spinning bit.

**WORKPIECE SIZING.** NEVER use workpiece shorter than 6" without special fixtures or jigs. Otherwise, workpiece can become trapped between fence and router bit, which could draw your hands into spinning bit.

**USING SAFETY GUARDS.** To prevent amputation or other injuries, always use a guard. Fabricate additional guards or jigs for special circumstances. Use an overhead guard if fence is removed.

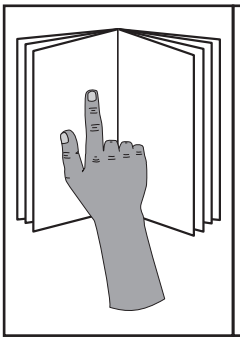
**TRIPPING HAZARD.** To prevent tripping over power cord of router when not in use, always disconnect it and safely store it out of way.

**APPROPRIATE WORKPIECES.** Danger of kickback and injury is increased when workpiece has knots, holes, or foreign objects in it. Warped stock should be flattened with a jointer before you shape it with router.

**TESTING ROTATION.** With router disconnected from power, rotate router spindle to test any new setup to ensure proper bit clearance before starting router.

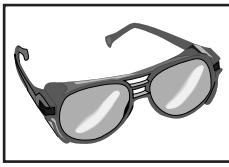
**INSTALLING ROUTER BIT.** Insert at least ¾ of bit shank into collet, and allow ⅛" of clearance between shank and bottom of collet to ensure bit is securely installed.

# SECTION 2: SETUP



**⚠WARNING**

**This product presents serious injury hazards to untrained users. Read through this entire manual to become familiar with the controls and operations before using this product!**



**⚠WARNING**

**Wear safety glasses during the entire setup process!**

## Unpacking

This machine was carefully packaged for safe transport. When unpacking, separate all enclosed items from packaging materials and inspect them for shipping damage. ***If items are damaged, please call us immediately at (570) 546-9663.***

**IMPORTANT:** Save all packaging materials until you are completely satisfied with the machine and have resolved any issues between Grizzly or the shipping agent. *You MUST have the original packaging to file a freight claim. It is also extremely helpful if you need to return your machine later.*

**⚠WARNING**

**Like all machinery there is potential danger when using this item. Accidents are frequently caused by lack of familiarity or failure to pay attention. Use this item with respect and caution to reduce risk of operator injury. If normal safety precautions are overlooked or ignored, serious personal injury may occur.**

## Needed for Setup

The following items are needed, but not included, for the setup/assembly of this product.

| Description | Qty |
|---|---|
| • 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 |

# Inventory

The following is a list of items shipped with your item. Before beginning setup, lay these items out and inventory them.

If any non-proprietary parts are missing (e.g. a nut or a washer), we will gladly replace them; or for the sake of expediency, replacements can be obtained at your local hardware store.

| Box 1 (Figure 4) | Qty |
|---|---|
| **A.** Router Table Wing Assembly | 1 |
| **B.** Mounting Brackets | 7 |
| **C.** Table Insert ½" | 1 |
| **D.** Table Insert 1" | 1 |
| **E.** Table Insert 1 3/16" | 1 |
| **F.** Table Insert 1½" | 1 |
| **G.** Table Insert 2" | 1 |

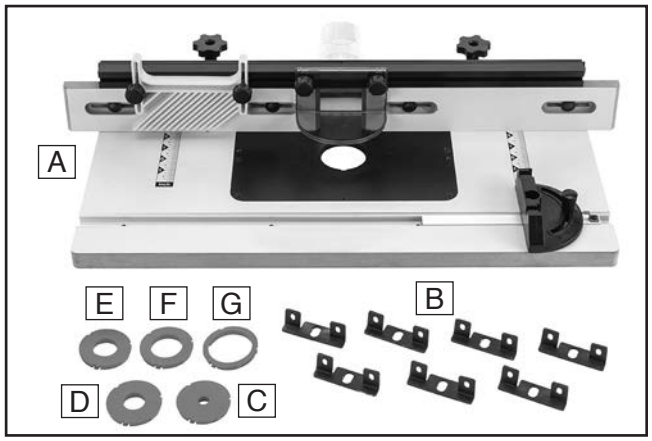



**Figure 4.** T33850 inventory.

| Fasteners (Not Shown) | Qty |
|---|---|
| **H.** Tap Screws M5.5 x 13 | 14 |
| **I.** Hex Bolts M6-1 x 25 | 3 |
| **J.** Flat Washers 6mm | 6 |
| **K.** Lock Washers 6mm | 3 |
| **L.** Hex Nuts M6-1 | 3 |
| **M.** Cap Screws M8-1.25 x 16 | 2 |
| **N.** Hex Bolts M8-1.25 x 16 | 2 |
| **O.** Hex Nuts M8-1.25 | 4 |
| **P.** Flat Washers 8mm | 4 |
| **Q.** Cap Screws M10-1.5 x 35 | 3 |
| **R.** Flat Washers 10mm | 3 |
| **S.** Lock Washers 10mm | 3 |

**Note:** *Inventory references I, J, K, and L are not used for attaching router table extension wing to main table.*

## *NOTICE*

**If you cannot find an item on this list, carefully check around/inside the product and packaging materials. Often, these items get lost in packaging materials while unpacking or they are pre-installed at the factory.**

# Assembly

Assembling the Model T33850 consists of installing the mounting brackets on the router table.

**To assemble router table wing:**

**1.** Install (7) mounting brackets in pockets on underside of router table with (14) M5.5 x 13 tap screws, as shown in **Figure 5**.

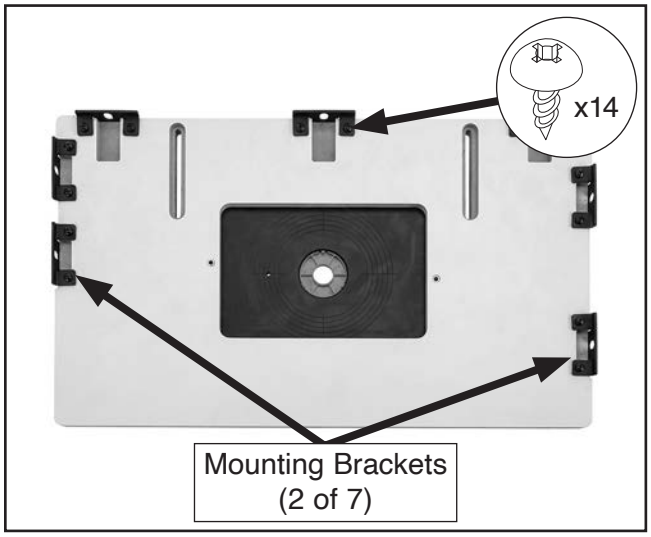
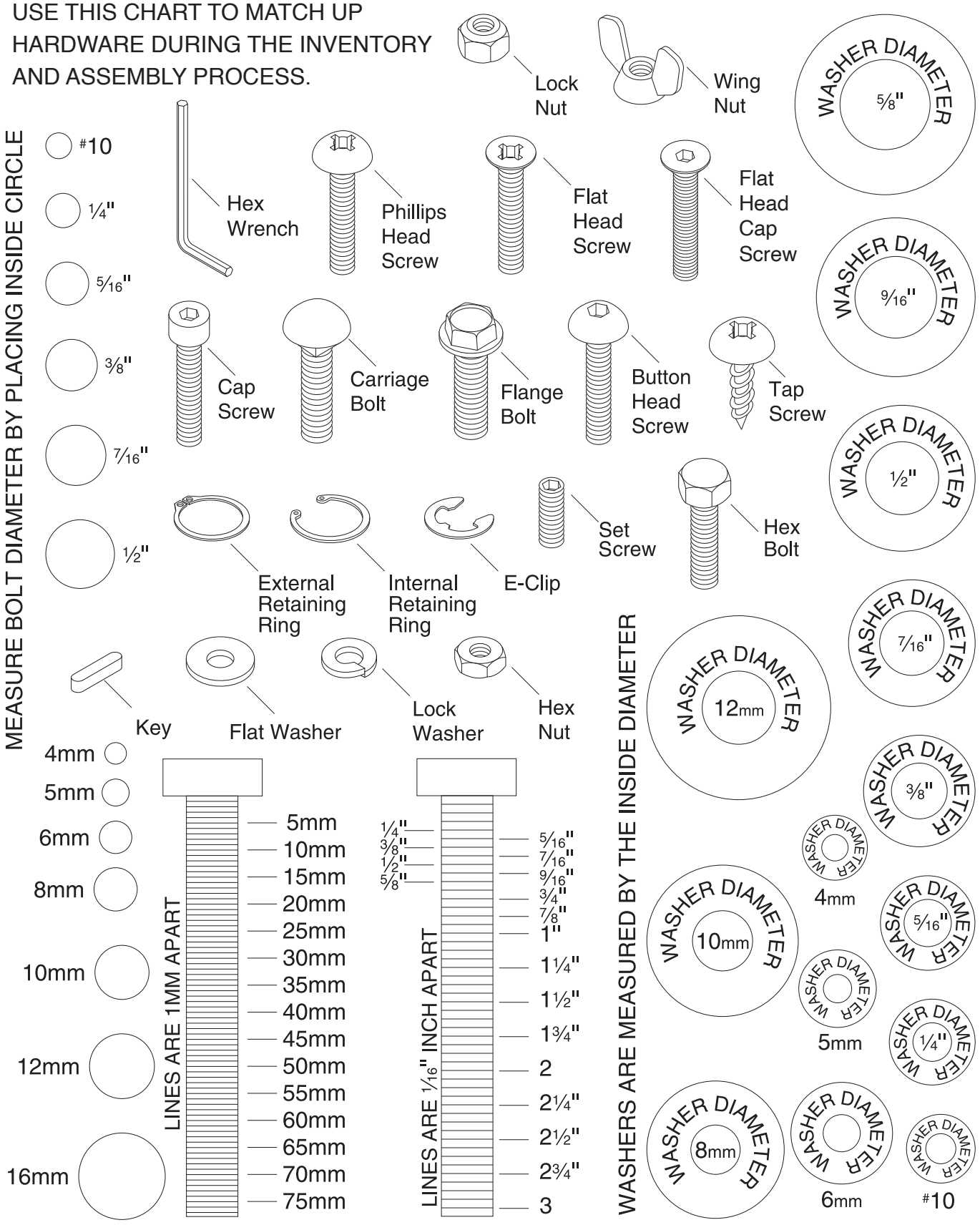



**Figure 5.** Mounting brackets installed on underside of router table.

# Hardware Recognition Chart

USE THIS CHART TO MATCH UP HARDWARE DURING THE INVENTORY AND ASSEMBLY PROCESS.



# Attaching Router Table Wing

The Model T33850 is designed to be mounted between the front and rear rails on the right-hand side of the table saw and bolted to either the table saw extension wing or to the main table once the extension wing has been removed.

If you choose to remove the table saw extension wing and bolt the router wing to the main table, you will have to drill two mounting holes in the rear rail to complete the installation.

Before beginning the procedures below, be sure to read the entire installation section.

## Attaching Router Table Wing to Extension Wing

| Items Needed | Qty |
|---|---|
| Wrench or Socket 10mm | 2 |
| Wrench or Socket 13mm | 1 |
| Hex Wrench 6mm | 1 |
| Phillips Head Screwdriver #2 | 1 |
| Straightedge 36" | 1 |
| Masking Tape | As Needed |
| Razor Blade | 1 |
| Drill Bit 10mm | 1 |
| Drill | 1 |
| Assistant | 1 |
| Pencil | 1 |

**To attach router table wing to extension wing:**

**1.** DISCONNECT TABLE SAW FROM POWER!

**2.** Remove table saw fence from main table.

**3.** Remove cap screw and hex nut from right-hand side of rear rail, then remove tap screw and rail cap on right-hand side of front rail, and remove rail brace (see **Figure 6**).

**4.** Remove (8) hex nuts securing front rail to table saw (see **Figure 6**), then remove front rail. Be careful not to stretch wires connecting ON/OFF switch to motor.

**5.** Remove (8) cap screws and (4) hex nuts securing rear rail to table saw (see **Figure 6**).

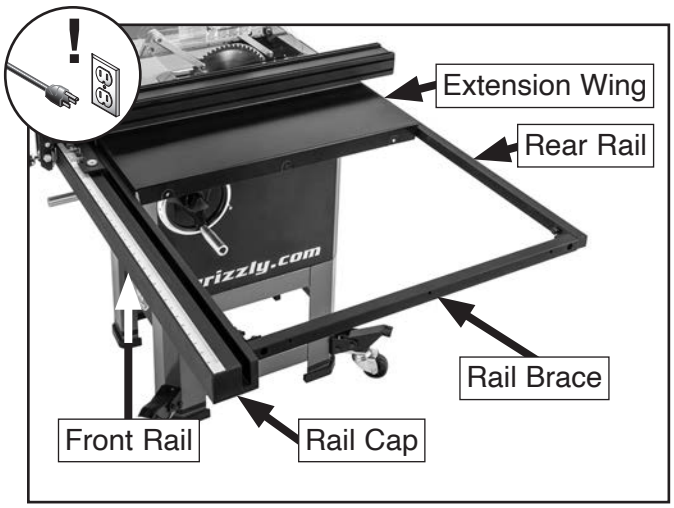



**Figure 6.** Components on Model G0962A40.

**6.** Remove fence from router table wing.

**7.** While assistant holds router table wing, attach wing to table saw extension wing on right-hand side of saw using (3) M6-1 x 25 hex bolts, (3) 6mm lock washers, (6) 6mm flat washers, and (3) M6-1 hex nuts (see **Figure 7**). Hand-tighten for now.

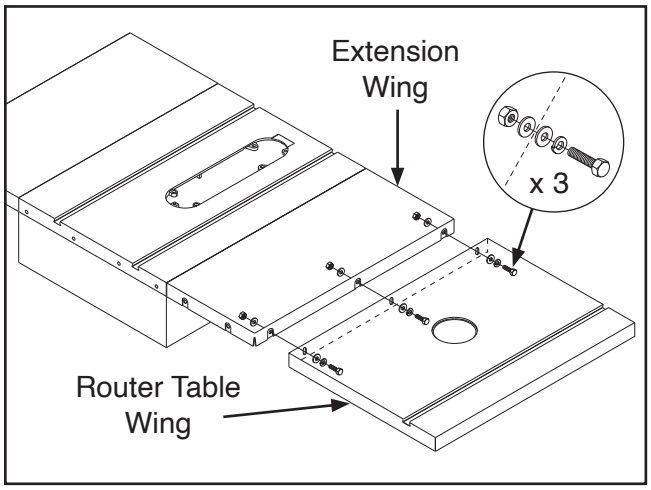



**Figure 7.** Locations of router table wing and fasteners.

**8.** Place straightedge across saw table and router table wing to make sure combined table surface is flat.

— If combined table surface is flat, continue with **Step 9**.

— If outside edge of router table wing tilts down, remove wing and place strips of masking tape along *bottom* edge of extension wing to shim router table up and even with table saw from side to side (see **Figure 8**).

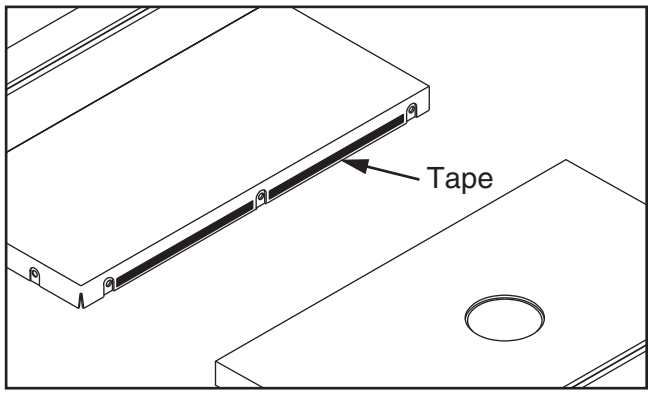



**Figure 8.** Using tape to shim router table up.

— If outside edge of router table wing tilts up, remove router table wing and place strips of masking tape along *top* edge of extension wing to shim router table wing down and even with table saw from side to side (see **Figure 9**).

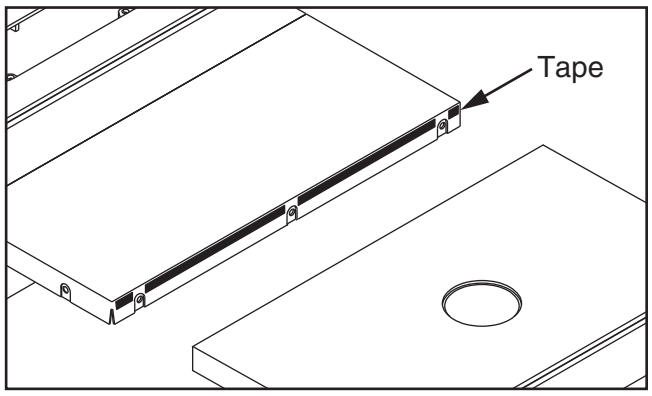



**Figure 9.** Using tape to shim router table down.

**Note:** *After installing router table, remove all excess masking tape with a razor blade.*

**9.** Insert (2) M8-1.25 x 16 hex bolts (see **Figure 10**) into T-slot on right-hand side of front rail.

**Note:** *These hex bolts align with holes in router table wing.*

**10.** Align (8) pre-installed hex bolts in fence rail and (2) M8-1.25 x 16 hex bolts from **Step 9** with holes in extension wings, main table, and router table wing, then secure with (8) hex nuts removed in **Step 4**, (2) 8mm flat washers and (2) M8-1.25 hex nuts, see **Figure 10**. Hand-tighten for now.

**Note:** *Ensure scale on fence rail is facing up.*

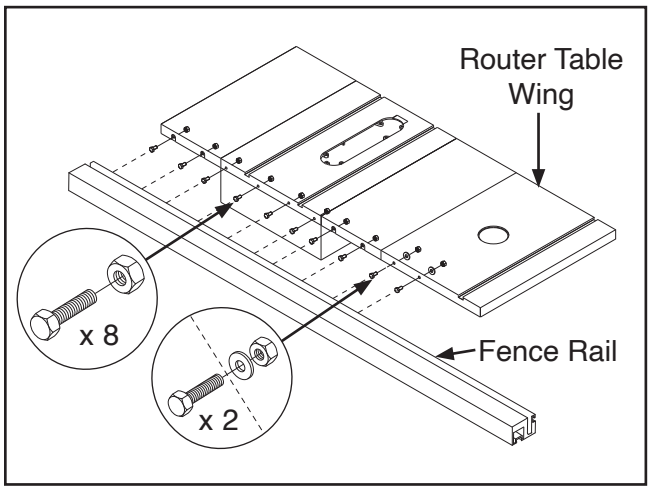



**Figure 10.** Locations of fence rail and fasteners.

**11.** Hold rear rail up against extension wings and main table, aligning holes in rail with holes in wings/table. Use mounting brackets on underside of router table wing, mark (2) holes to be drilled in rear rail.

**12.** Drill (2) 10mm holes at locations marked on rear rail in **Step 11**.

**Note:** *Holes should go through front and rear walls of rail.*

**13.** Attach rear rail to extension wings, main table, and router table wing with (8) cap screws and (4) hex nuts removed in **Step 5** and (2) M8-1.25 x 16 cap screws, 8mm flat washers, and M8-1.25 hex nuts (see **Figure 11**–**12**).

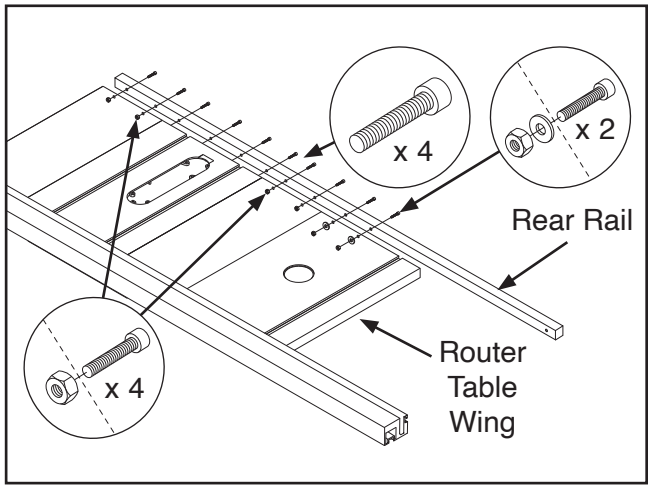



**Figure 11.** Locations of rear rail and fasteners.

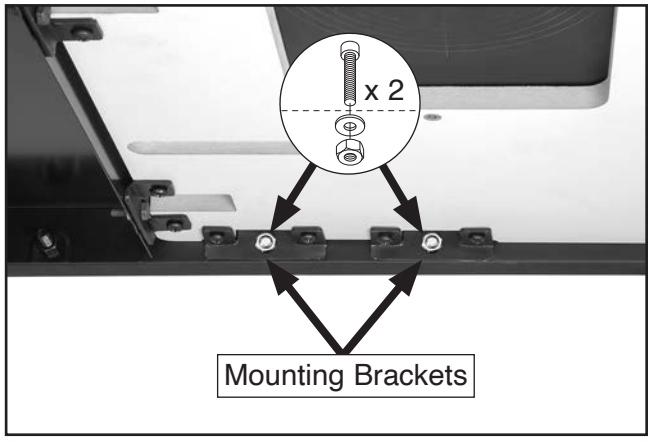



**Figure 12.** Router table wing attached to rear rail.

**14.** Tighten all fasteners, then install rail brace and rail cap removed in **Step 3**.

**15.** Place table saw fence on main table, and install fence assembly on router table (see **Figure 13**).

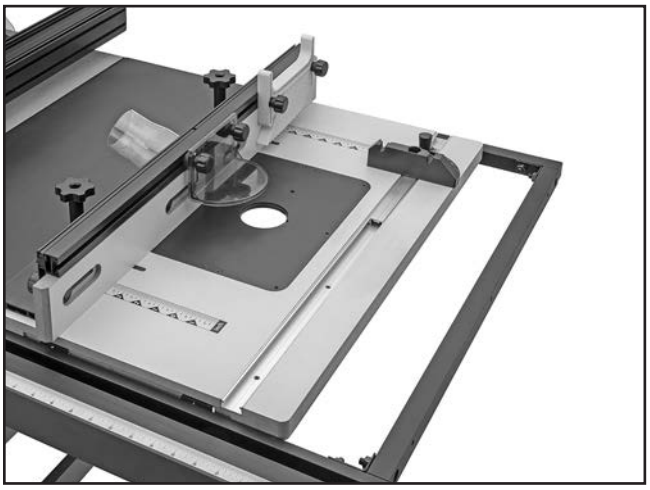


**Figure 13.** Router table wing attached to extension wing.

## Attaching Router Table Wing to Main Table

| Items Needed | Qty |
|---|---|
| Wrench or Socket 13mm | 1 |
| Hex Wrenches 6, 8mm | 1 Ea. |
| Phillips Head Screwdriver #2 | 1 |
| Straightedge 36" | 1 |
| Masking Tape | As Needed |
| Razor Blade | 1 |

**To attach router table wing to main table:**

**1.** DISCONNECT TABLE SAW FROM POWER!

**2.** Remove table saw fence from main table.

**3.** Remove cap screw and hex nut from right-hand side of rear rail, then remove tap screw and rail cap on right-hand side of front rail, and remove rail brace (see **Figure 6** on **Page 10**).

**4.** Remove (8) hex nuts securing front rail to table saw (see **Figure 6** on **Page 10**), then remove front rail. Be careful not to stretch wires connecting ON/OFF switch to motor.

5. Remove (2) of (8) hex bolts from rail so (6) hex bolts remain in fence rail.

6. Remove (8) cap screws and (4) hex nuts securing rear rail to table saw (see **Figure 6** on **Page 10**).

7. Remove (3) cap screws, flat washers, and lock washers securing table saw extension wing to main table on right-hand side of saw. Set fasteners and extension wing aside for later use.

8. Remove fence from router table wing.

9. Attach router table wing to table saw main table on right-hand side of saw with (3) M10-1.5 x 35 cap screws, 10mm lock washers, and 10mm flat washers, as shown in **Figure 14**. Hand-tighten for now.

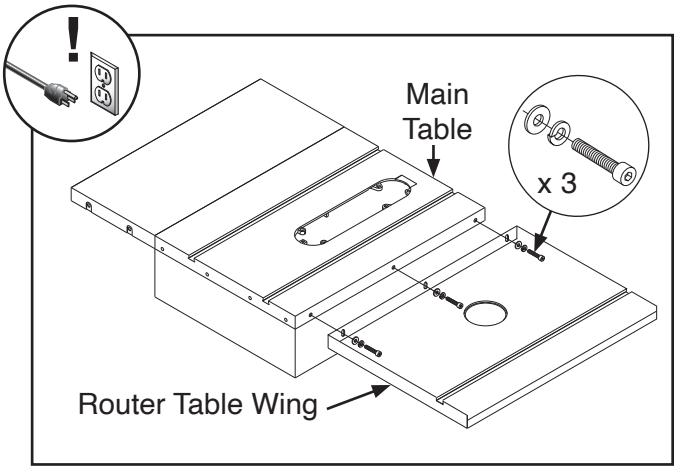



**Figure 14.** Attaching router table wing to main table.

10. Place straightedge across saw table and router table wing to make sure combined table surface is flat.

    — If combined table surface is flat, continue with **Step 11**.

    — If outside edge of router table wing tilts down, remove wing and place strips of masking tape along *bottom* edge of extension wing to shim router table up and even with table saw from side to side (see **Figure 15**).

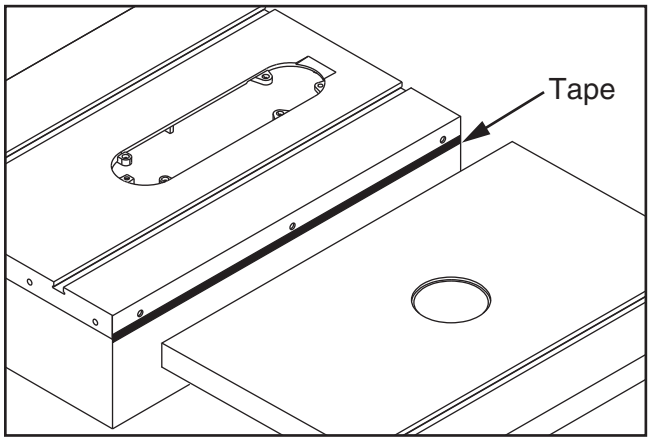



**Figure 15.** Using tape to shim router table up.

    — If outside edge of router table wing tilts up, remove router table wing and place strips of masking tape along *top* edge of extension wing to shim router table wing down and even with table saw from side to side (see **Figure 16**).

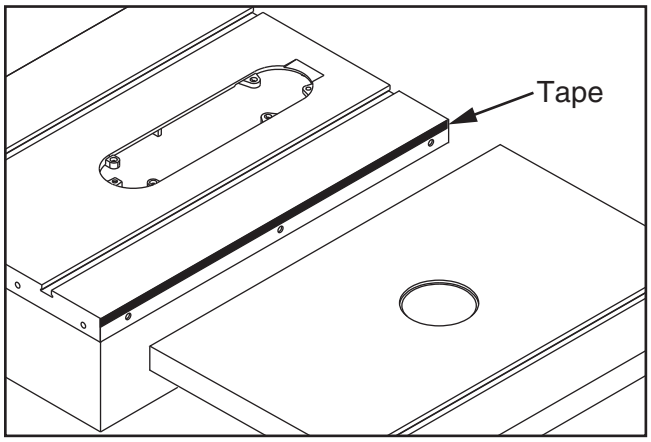



**Figure 16.** Using tape to shim router table down.

**Note:** *After re-installing router table, remove all excess masking tape with a razor blade.*

11. Insert (2) M8-1.25 x 16 hex bolts (see **Figure 17** on **Page 15**) into T-slot on right-hand side of front rail.

**12.** Align (8) hex bolts in fence rail with holes in left extension wing, main table, and router table wing, then secure with (6 of 8) hex nuts removed in **Step 4**, (2) 8mm flat washers and (2) M8-1.25 hex nuts (see **Figure 17**). Hand-tighten for now.

**Note:** *Ensure scale on fence rail is facing up.*

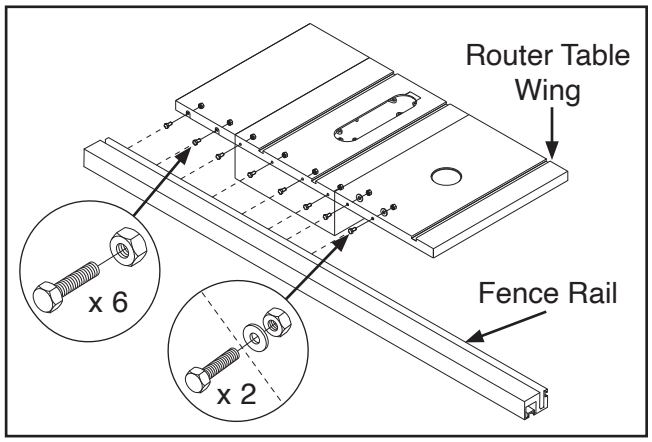



**Figure 17.** Attaching front rail to extension table, main table, and router wing table.

**13.** Attach rear rail to table saw using (6 of 8) cap screws and (2 of 4) hex nuts removed in **Step 6**. Hand tighten for now.

**14.** Attach rear rail to router table wing with (2) M8-1.25 x 16 cap screws, 8mm flat washers, and M8-1.25 hex nuts (see **Figure 18**).

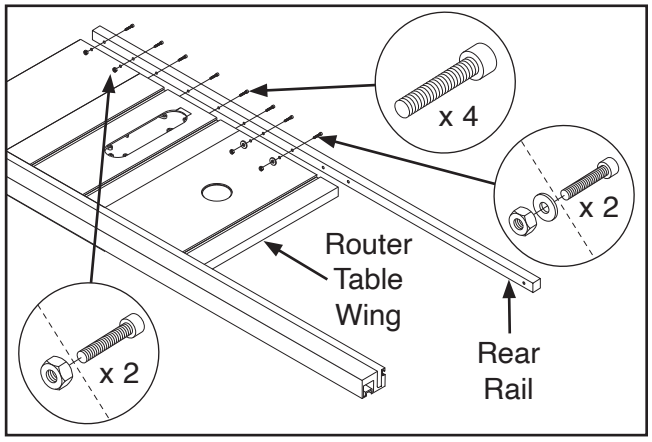



**Figure 18.** Attaching rear rail to extension table, main table, and router wing table.

**15.** Tighten all fasteners, then install rail brace and rail cap removed in **Step 3**.

**16.** Place table saw fence on main table, and install fence assembly on router table.

# Attaching Router to Mounting Plate

## *NOTICE*

**Router attachment requires permanent modification of router table mounting plate! Before attaching router, thoroughly read procedure below and make sure you can perform required tasks.**

| Items Needed | 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 router mounting plate included with the T33850 is designed to attach to the bottom of your router in the same manner as the router base. We recommend using the router base as a template for the hole pattern to be drilled in the mounting plate.

**IMPORTANT:** When deciding how to orient router in relation to router table wing, consider access to all router controls, adjustment knobs, lock levers, and power switch.

**To attach router to mounting plate:**

**1.** DISCONNECT ROUTER FROM POWER!

**2.** Mark front of mounting plate with tape or erasable marker (see **Figure 19**).

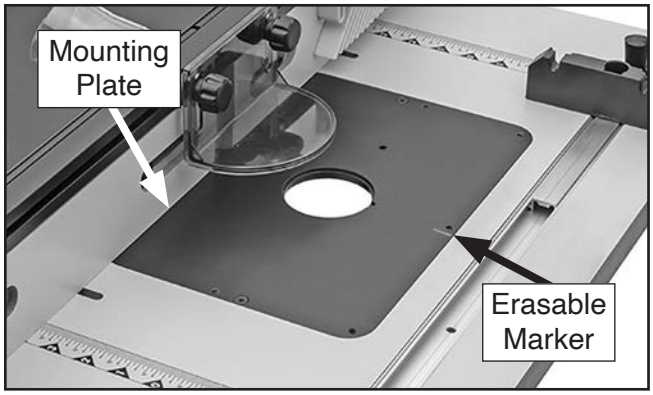



**Figure 19.** Mounting plate with erasable marker.

3. Remove (2) Phillip head screws from mounting plate, lift mounting plate out of table opening, and lay it bottom-side-up on a protected working surface to prevent scratching top surface of mounting plate.

   **Note:** *Ensure mark on front is facing you.*

4. Set router on mounting plate with front of router facing mark on mounting plate (see **Figure 20**) and align spindle with center of insert. Mark front of router, router base, and mounting plate.

   **Note:** *Consider access to router controls before finalizing router location. It may be necessary to slightly adjust alignment if holes in router base plate overlap or are too close to starter pin holes.*

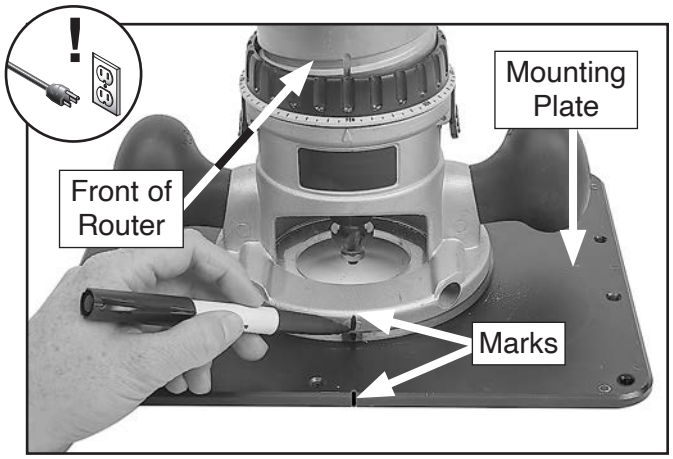



**Figure 20.** Marking center of router base, router base plate, and mounting plate with spindle.

5. Remove router base plate (see **Figure 21**).

   **Note:** *Keep fasteners used to secure router base plate.*

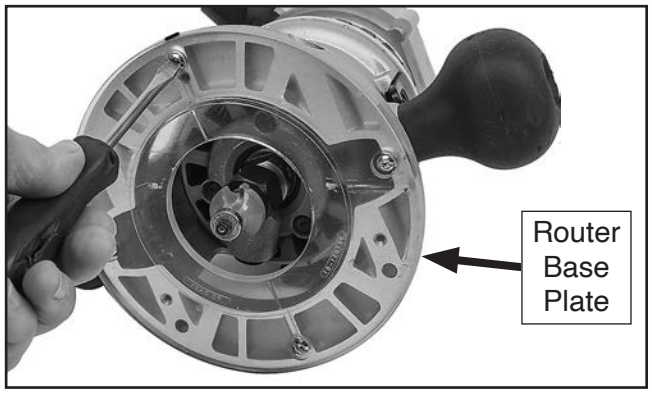



**Figure 21.** Example of removing typical base plate from router.

6. Center router base plate on mounting plate (see **Figure 22**), keeping marks made in **Steps 4** aligned.

7. Use router base plate as template to align with pilot holes on bottom-side surface of mounting plate, as shown in **Figure 22**.

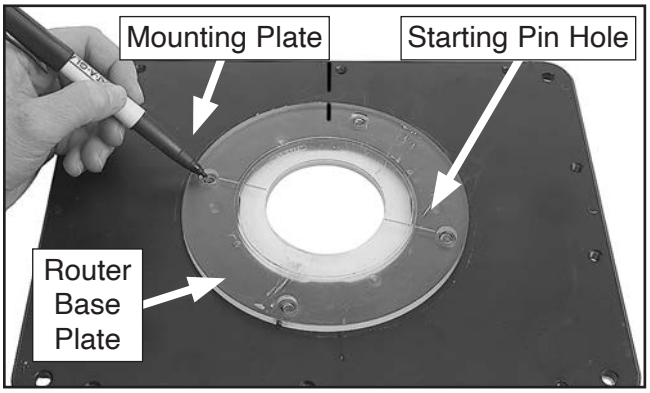



**Figure 22.** Example of marking holes on mounting plate.

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

8. Use drill press or hand-held drill with guide to drill holes through mounting plate.

   **Note:** *Use drill bit slightly larger in diameter than fasteners used to secure base plate to router to ease installation in following steps.*

9. Drill countersink holes on top surface of mounting plate, using drill holes as guides for countersinks (see **Figure 23**). This allows fasteners to sit slightly below top surface of mounting plate and reduces risk of kickback from a workpiece catching on fasteners during routing operations.

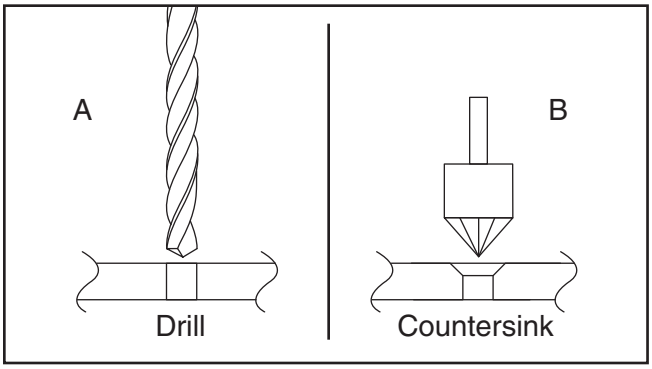



**Figure 23.** Example of drill hole and countersink.

**10.** Align holes in mounting plate with threaded holes in router base, and use fasteners removed in **Step 5** to secure router to mounting plate, as shown in **Figure 24**.

**Note:** *If original fasteners are not long enough to properly secure router to mounting plate, use longer fasteners purchased from your local hardware store.*

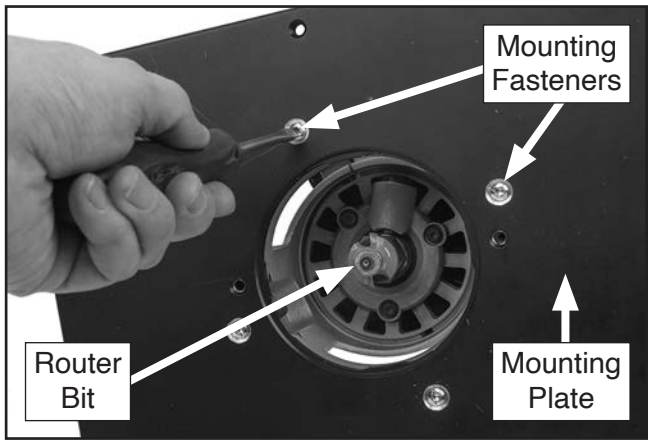



**Figure 24.** Securing mounting plate to router base.

**⚠CAUTION**

**If router unexpectedly moves or router bit contacts mounting plate or fence board during operation, serious personal injury could result from the router bit or flying debris. ALWAYS make sure router is firmly secured to mounting plate before beginning any cutting operations.**

**11.** Insert mounting plate and router into router table wing opening, then secure with (2) Phillips head screws removed in **Step 3**.

**12.** Make sure mounting plate and router table wing are evenly aligned (see **Aligning Mounting Plate** on **Page 28**).

# Dust Collection

**⚠CAUTION**

**Routers create a lot of wood chips/dust during operation. Breathing airborne dust on a regular basis can result in permanent respiratory illness. Reduce your risk by wearing a respirator and capturing the dust with a dust-collection system.**

**Recommended CFM at Dust Port: 150 CFM**
*Do not confuse this CFM recommendation with the rating of the dust collector. To determine the CFM at the dust port, you must consider these variables: (1) CFM rating of the dust collector, (2) hose type and length between the dust collector and the product, (3) number of branches or wyes, and (4) amount of other open lines throughout the system. Explaining how to calculate these variables is beyond the scope of this manual. Consult an expert or purchase a good dust collection "how-to" book.*

**To connect dust-collection system to router table wing:**

**1.** Fit 2½" dust hose over dust port (see **Figure 25**) and secure in place with a hose clamp, or connect a shop vacuum hose.

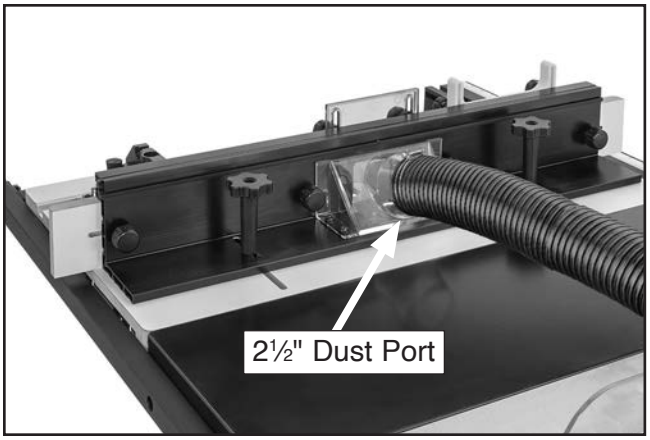
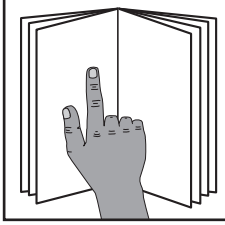



**Figure 25.** Dust port on fence assembly.

**2.** Tug hose to make sure it does not come off.

**Note:** *A tight fit is necessary for proper performance.*

# SECTION 3: OPERATIONS

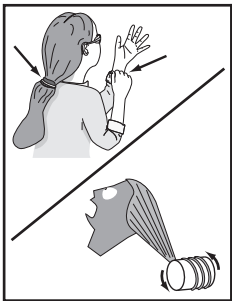


**⚠WARNING**

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

**⚠WARNING**

**Eye injuries, respiratory problems, or hearing loss can occur while operating this product. Wear personal protective equipment to reduce your risk from these hazards.**



**⚠WARNING**

**Keep hair, clothing, and jewelry away from moving parts at all times. Entanglement can result in death, amputation, or severe crushing injuries!**

***NOTICE***

**If you are not experienced with this type of product, WE STRONGLY RECOMMEND that you seek additional training outside of this manual. Read books/magazines or get formal training before beginning any projects. Regardless of the content in this section, Grizzly Industrial will not be held liable for accidents caused by lack of training.**

## Operation Overview

**To complete a typical operation, the operator does the following:**

1. Examines workpiece to make sure it is suitable for routing.

2. Adjusts infeed and outfeed fences close to bit for maximum workpiece support, then secures fence boards.

3. Adjusts bit height for desired cutting profile.

4. Adjusts fence position to establish depth of cut.

5. Wears safety glasses, a respirator, and hearing protection. Locates push sticks or blocks if needed.

6. Verifies direction of router bit rotation is correct for operation, starts dust collector, then starts router.

   **IMPORTANT:** For small or odd-shaped workpieces, a zero-clearance fence or jig is used.

7. Holds workpiece firmly and flatly against table and fence, then pushes workpiece into bit at a steady and controlled rate until workpiece moves completely beyond router bit.

   ⚠ **WARNING:** Keep workpiece firmly against table and fence, and keep hands away from spinning router bit during entire cut.

8. Stops router, then stops dust collector.

# Stock Inspection Requirements

**Always follow these rules when choosing and routing stock:**

- **DO NOT cut stock that contains large or loose knots.** Injury to the operator or damage to the workpiece can occur if a knot becomes dislodged during the cutting operation.

- **DO NOT cut against the grain direction.** Cutting against the grain increases the likelihood of kickback, as well as tearout on the workpiece.

- **Routing with the grain produces a better finish and is safer for the operator.** Cutting with the grain is described as feeding the stock on the router table so the grain points down and toward you as viewed on the edge of the stock (see **Figure** below).

  **Note:** *If the grain changes direction along the edge of the board, decrease the cutting depth and make additional passes.*

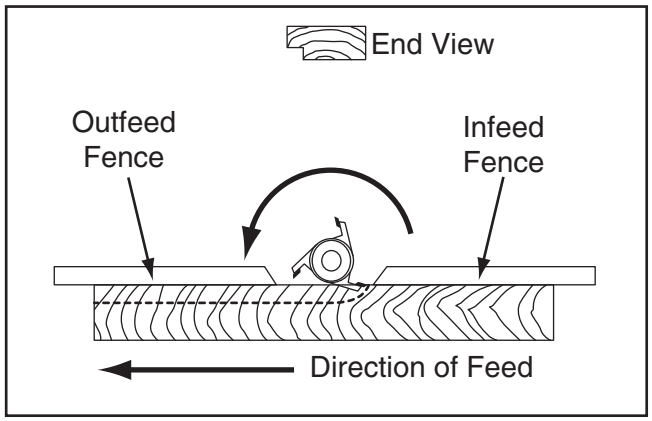



**Figure 26.** Proper grain alignment with the router bit.

- **Only process natural and man-made wood products.** Your router is designed to cut only natural wood fiber products. It is NOT designed to cut metal, glass, stone, tile, products with lead-based paint, or products that contain asbestos. Cutting these materials with a router may lead to injury.

- **Scrape all glue off the workpiece before jointing.** Glue deposits on the workpiece, hard or soft, will gum up the router bit, produce poor results, and increase the risk of kickback.

- **Remove foreign objects from the workpiece.** Make sure that any stock you process with the router is clean and free of dirt, nails, staples, tiny rocks, or any other foreign objects that could damage the router bit and be thrown from the machine with significant speed/force.

  **Note:** *Wood stacked on a concrete or dirt surface can have small pieces of concrete or stone pressed into the surface.*

- **Make sure all stock is sufficiently dried before routing.** Wood with a moisture content over 20% will cause unnecessary wear on the router bits, produce poor cutting results, and increase the risk of kickback. Excess moisture can also hasten rust and corrosion.

# Table T-Slot

The Model T33850 includes a ¾" T-slot (see **Figure 27**) that can be used for attaching router table accessories like a miter gauge, jig, or featherboard.

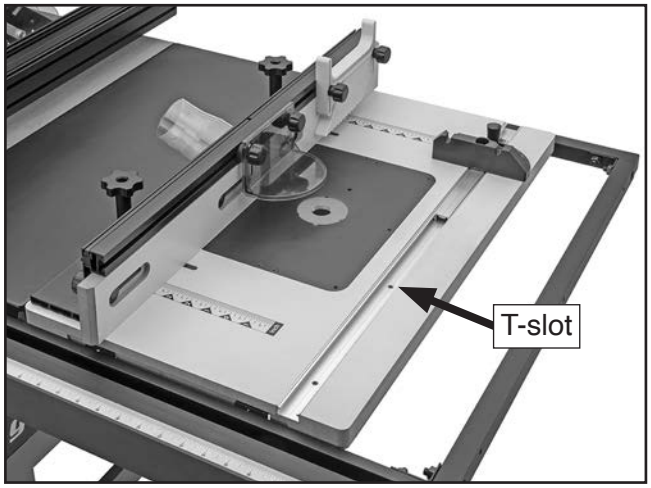



**Figure 27.** Location of table T-slot.

# Aligning Fence with Table T-Slot

When using a miter gauge, it is important to make sure the fence is parallel with the table T-slot. This will help ensure the workpiece does not bind or kick back during operation. Use a fine ruler to make the distance equal between the fence and the T-slot along the full length of the table (see **Figure 28**).

**⚠CAUTION**

**To avoid workpiece kickback or binding when using a miter gauge with this router table, ALWAYS make sure fence is parallel with table T-slot before beginning routing operations.**

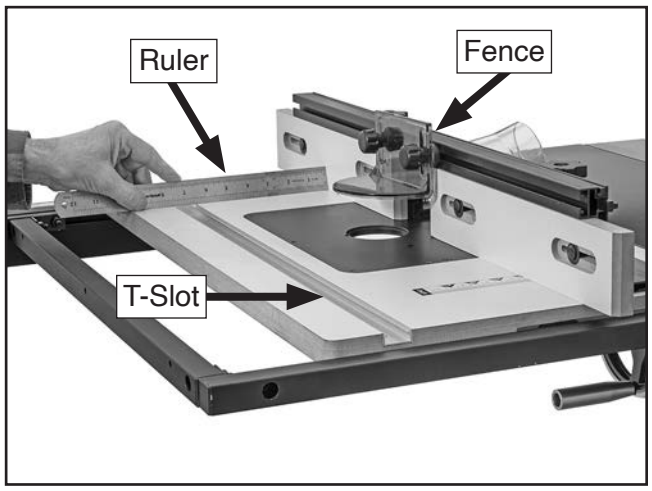



**Figure 28.** Adjusting fence parallel with table T-slot.

# Adjusting Fence

The fence assembly on the Model T33850 has an infeed fence and an outfeed fence. These can be moved side to side to increase or decrease the space around the router bit.

**IMPORTANT:** Fences should be adjusted as close to the bit as possible without touching in order to minimize risk of injury and produce best results.

To adjust the fences side to side, loosen the four fence board lock knobs (see **Figure 29**) and adjust the fence boards. Tighten all knobs when complete.

To move the fence assembly from front to back, loosen the two fence base lock knobs (see **Figure 29**) and slide the fence assembly into position. Tighten the knobs when complete.

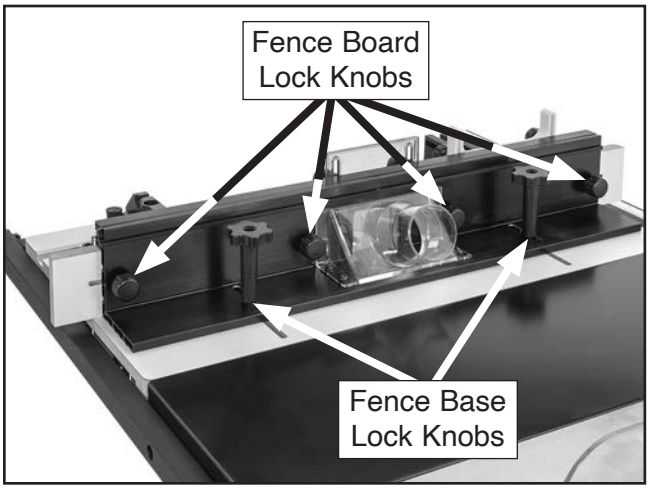



**Figure 29.** Fence components.

# Adjusting Router Bit Guard

A transparent bit guard is included with the Model T33850 to minimize operator exposure to the spinning router bit. The bit guard adjusts up and down and side to side to accommodate different router bits and different workpiece sizes (see **Figure 30**). For your own safety, the bit guard must be positioned vertically not more than ⅛" above the workpiece, and centered horizontally on the gap between the infeed and outfeed fences.

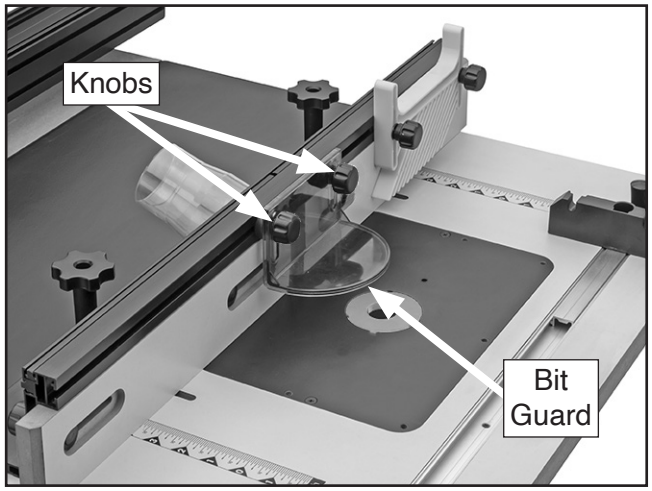



**Figure 30.** Router bit guard components.

# Using Table Inserts

The Model T33850 includes five table inserts: ½", 1", 1 3⁄16", 1½", and 2" (see **Figure 31**). These fit into the mounting plate and provide additional safety and control near the router bit during operations.

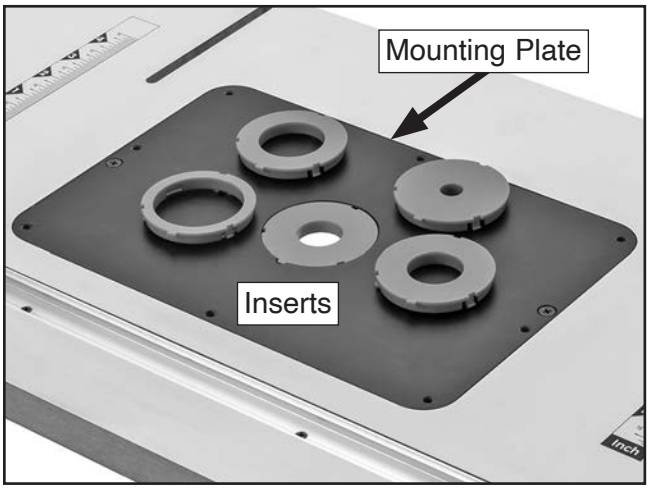



**Figure 31.** Table inserts.

Always install the smallest table insert into the mounting plate that still allows the router bit to freely rotate. This provides maximum support and stability to the workpiece during operation, which increases safety.

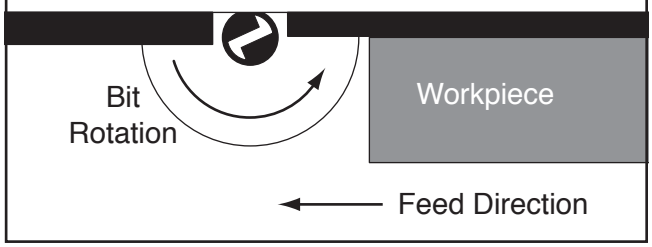
# Edge Jointing

Jointing the edge of a board requires a straight-cutting router bit to remove wood from the face of the board. The result is a perfectly flat and square edge.

To edge joint with a straight-cutting router bit, a spacer needs to be installed between the outfeed fence and fence base. A piece of wood that has been planed to be of equal thickness with holes for mounting works well. The thickness of the spacer with depend on and be equal to the amount of material being removed from the face of the workpiece.

## ⚠WARNING

**Always feed workpiece against router bit rotation direction, as illustrated below. Otherwise, workpiece could be aggressively pulled from your hands, drawing them into spinning router bit.**




**To joint edge of a workpiece:**

1. DISCONNECT ROUTER FROM POWER!

2. Secure straight-cutting bit in router according to manufacturer's instructions.

3. Install table insert.

4. Insert spacer (not included with item) between outfeed fence and fence base. Width of spacer will determine amount of material removed with each pass.

   **IMPORTANT:** To reduce risk of kickback, DO NOT take more than 1/16" off during a single pass.

5. Raise bit just above top of workpiece, then rotate it by hand until cutting flute is perpendicular to fence.

6. Place straightedge against outfeed fence board, then adjust fence assembly so straightedge is just against bit flute, as illustrated in **Figure 32**.

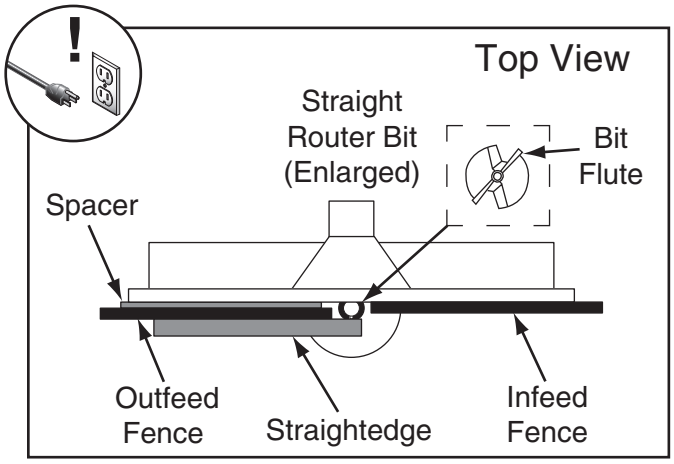



**Figure 32.** Measuring fence setup for edge jointing (guard removed for clarity).

7. Make sure fence is parallel with table T-slot (see **Aligning Fence with Table T-Slot** on **Page 20**), then lock fence assembly and bit guard in place, and tighten all knobs.

8. Connect router to power, then perform cut (see **Figure 33**).

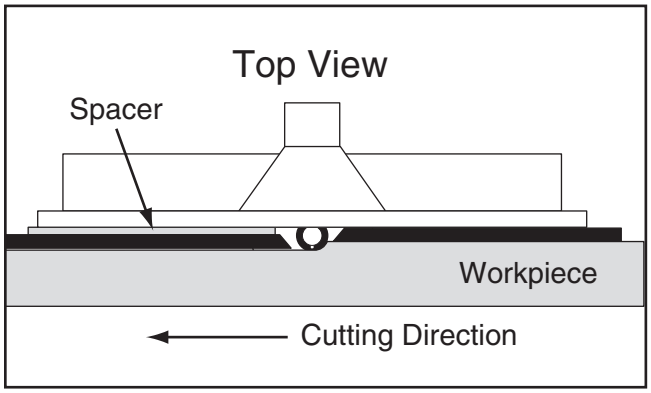



**Figure 33.** Edge jointing (guard removed for clarity).

## ⚠CAUTION

**To reduce risk of hand injury from accidental contact with spinning router bit, ALWAYS make sure fence and router bit guard are properly positioned and secured before connecting router to power (does not apply to free-hand routing).**

# Profile Routing

For creating decorative edges or removing different shapes of material out of a workpiece, profile routing provides a variety of options. For instance, the Grizzly Model C1409 Ogee Bit (see **Figure 34**) will produce a pattern like the one below.

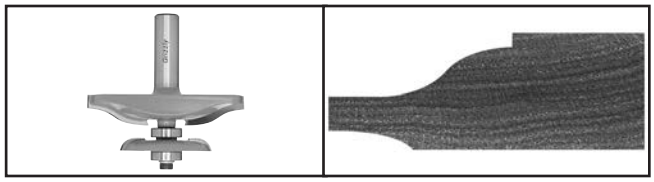


**Figure 34.** Model C1409 Ogee Bit.

**To cut a profile into a workpiece:**

1. DISCONNECT MACHINE FROM POWER!
2. Secure bit in router according to router manufacturer's instructions.
3. Raise router bit to desired height, then adjust fence so it sits behind the bit the same distance as desired depth-of-cut (see **Figure 35**).

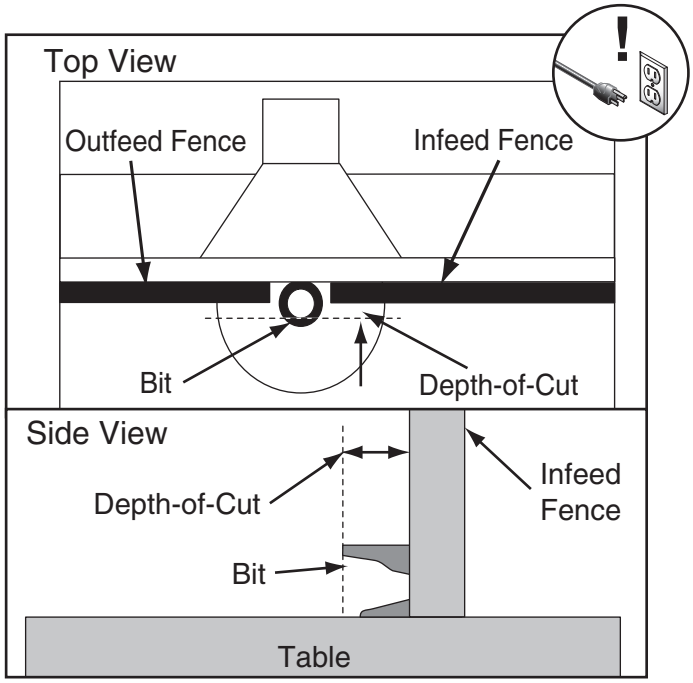



**Figure 35.** Profile routing setup.

4. Make sure both infeed/outfeed fences are parallel with table if using T-slot.
5. Lock fence in place, tighten all knobs, connect router to power, then perform cut.

# Routing Small Stock

Feeding small stock past the router bit increases the risk of kickback from the workpiece slipping into the space between the fence and bit. If you must rout small stock, use a zero-clearance fence board. This will provide greater protection for the operator, better workpiece support, and reduced tearout on narrow or fragile stock.

**To make a zero-clearance fence:**

1. DISCONNECT ROUTER FROM POWER!
2. Remove infeed/outfeed fences from fence base.
3. Select piece of straight, smooth stock that is same height and thickness as infeed/outfeed fences and approximately 36" long.
4. Cut outline of spindle and router bit from center of the stock selected in **Step 3**, as shown in **Figure 36**.

   **Note:** *Make outline as close as possible to router bit and spindle without interfering with rotation.*
5. Create countersunk mounting holes in zero-clearance fence board (see **Figure 36**) to secure new fence and router bit guard to base.

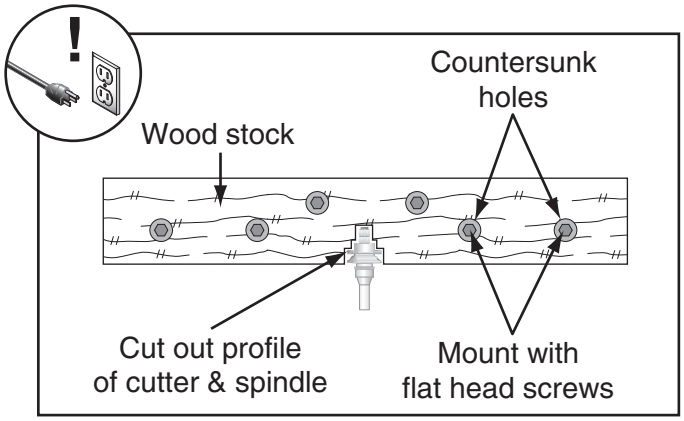



**Figure 36.** Example of a zero-clearance fence board.

## ⚠CAUTION

**ALWAYS use hold-downs or featherboards and push sticks when shaping small or narrow stock. These devices keep your hands away from spinning router bit and sufficiently support stock to allow a safe and effective cut, reducing risk of personal injury.**

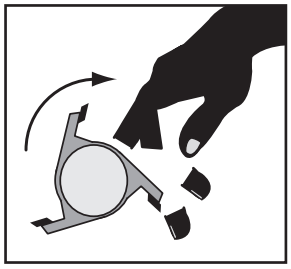
6. Secure zero-clearance fence board and router bit guard to fence base, then make sure fence is parallel with table T-slot (see **Aligning Fence with Table T-Slot** on **Page 20**).

7. Check for proper clearance, connect router table to power, then make test cut to verify results.

# Free-Hand Routing

Irregular or free-hand routing takes a high degree of skill and dexterity and is done without the protection and aid of the fence and router bit guard. The most dangerous part of free-hand routing is beginning the cut, when the router bit first contacts the workpiece. It tends to jerk or kick back, presenting an injury hazard to the operator.

## ⚠WARNING



**Free-hand or irregular routing greatly increases the chance that the operator may lose control of the workpiece, which could result in serious personal injury. Therefore, a starting pin or block and a custom guard or workpiece holding jig MUST be used.**

To reduce the likelihood of kickback when free-hand routing, use the starting pin (see **Figure 37**) or a block (see **Figure 38**). This will allow you to anchor and slowly pivot the workpiece into the bit as the cut is started, making the operation more stable and safe.

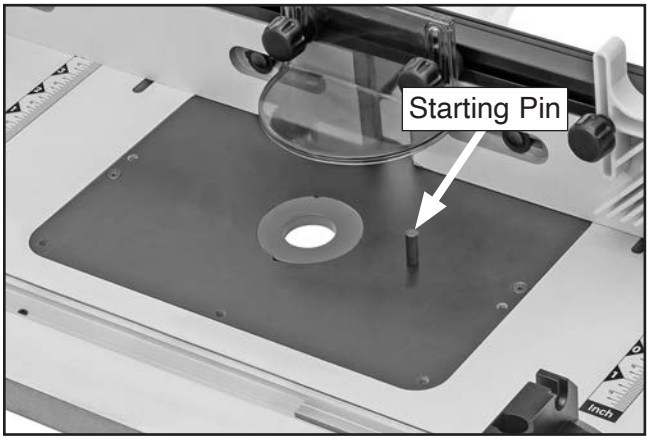



**Figure 37.** Router table set up with starting pin for free-hand routing.

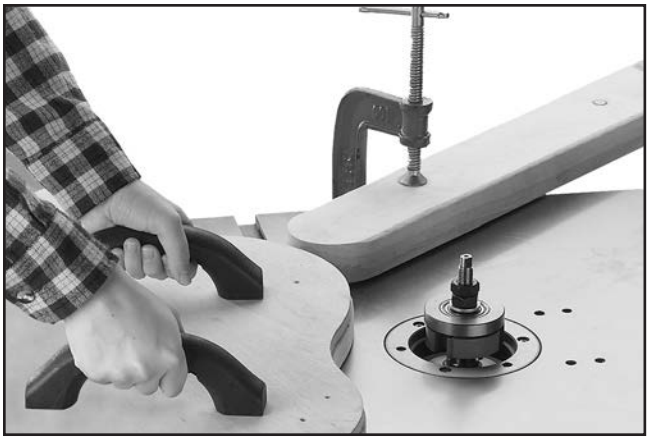


**Figure 38.** Example of using a jig with a starting block.

## ⚠WARNING

**ALWAYS use an auxiliary jig and extreme care when free-hand routing. Routing without fence and router bit guard greatly increases risk of accidental contact with spinning router bit, causing serious personal injury.**

**To free-hand rout:**

1. DISCONNECT ROUTER FROM POWER!

2. Fabricate a jig to use with workpiece that matches desired finished shape, then attach it to workpiece (see **Figure 38** on **Page 24**).

   **Note:** *Make sure any fasteners used will not make contact with the router bit during routing operation. Hot glue can be used as an alternative.*

3. Remove fence from table.

4. If possible, fabricate and mount a custom guard over the bit that safely protects your hands from spinning router bit.

5. Insert starting pin in hole on mounting plate or clamp a starting block to table (see **Figure 37** on **Page 24**).

6. Install a router bit with bearing guide as directed by router manufacturer's instructions, then raise it to desired height (see **Figure 39**).

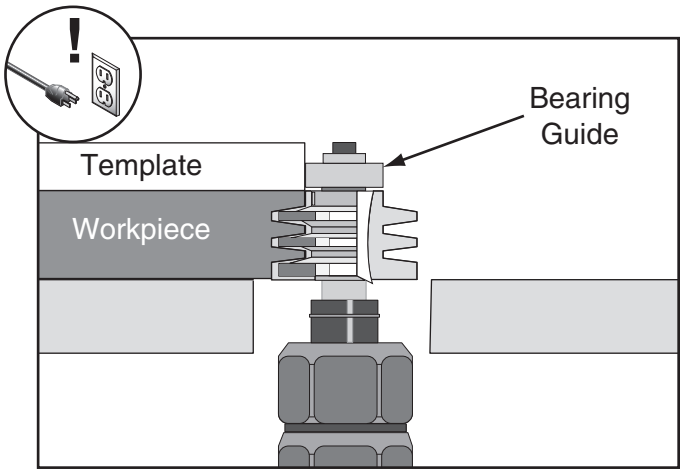



**Figure 39.** Using a template and bearing guide for free-hand routing.

7. Rest workpiece against starting pin (see **Figure 40**), turn router ***ON***, then slowly pivot and feed workpiece into router bit. After cut is started, move workpiece against guide bearing and away from starting pin.

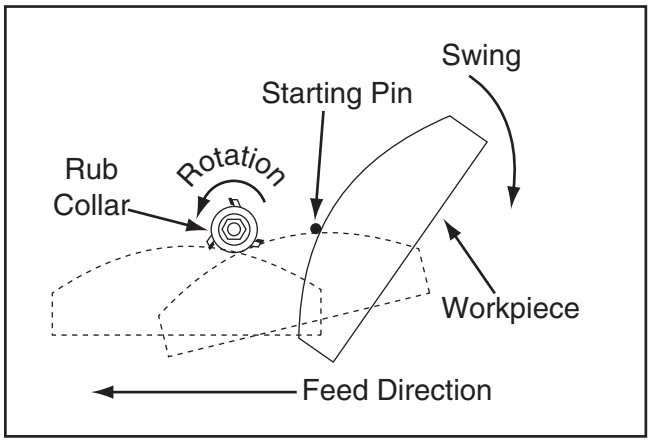
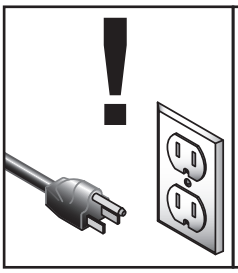



**Figure 40.** Illustration of free-hand routing using a starting pin.

# SECTION 4: MAINTENANCE



**⚠WARNING**
**To reduce risk of shock or accidental startup, always disconnect machine from power before adjustments, maintenance, or service.**

## Schedule

For optimum performance from this accessory, this maintenance schedule must be strictly followed.

**Ongoing**
To maintain a low risk of injury and proper accessory operation, if you ever observe any of the items below, stop using the accessory immediately and fix the problem before continuing operations:

- Loose mounting bolts.
- Loose mounting plate fasteners
- Damaged router bit.
- Any other unsafe condition that could hamper the safe operation of the router table wing.

**Weekly Maintenance**
- Clean/vacuum dust buildup from router and T-slot on router table wing and infeed and outfeed fence boards.

## Cleaning & Protecting

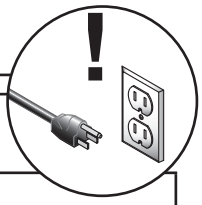
Cleaning the Model T33850 is relatively easy. Vacuum excess wood chips and sawdust, and wipe off the remaining dust with a dry cloth. If any resin has built up, use a resin dissolving cleaner to remove it.

Be sure to dry or clean any water, oil, or chemical solvents that come into contact with the table. These may eat away or warp the table.

# SECTION 5: SERVICE

Review the troubleshooting procedures in this section if a problem develops with your item. If you need replacement parts or additional help with a procedure, call our Technical Support. **Note:** *Please gather the serial number and manufacture date of your item before calling.*

## Troubleshooting



### Operations

| Symptom | Possible Cause | Possible Solution |
|---|---|---|
| Workpiece catches on mounting plate. | 1. Mounting plate and table not evenly aligned. | 1. Align mounting plate (**Page 28**). |
| Workpiece catches on infeed/outfeed fence boards. | 1. Fence and table T-slot not parallel. | 1. Align fence with table T-slot (**Page 20**). |
| Workpiece catches on gap between infeed/outfeed fence boards. | 1. Workpiece too small for fence. | 1. Create zero-clearance fence for operation (**Page 23**). |
| Workpiece is burned when cut. | 1. Router bit dull.<br>2. Feeding workpiece too slowly.<br>3. Router bit spinning in wrong direction.<br>4. Depth of cut too deep. | 1. Replace router bit.<br>2. Increase feed rate.<br>3. Reverse direction of router bit.<br>4. Take a smaller depth of cut. (Always reduce cutting depth when working with hard woods.) |
| Fuzzy grain. | 1. Wood may have high moisture content or surface wetness.<br>2. Router bit dull. | 1. Inspect workpiece moisture content; allow to dry if moisture is more than 20% (**Page 19**).<br>2. Replace router bit. |
| Chipping. | 1. Knots or conflicting grain direction in wood.<br>2. Nicked or chipped router bit.<br>3. Feeding workpiece too fast.<br>4. Depth of cut too deep.<br>5. Cutting against wood grain. | 1. Inspect workpiece for knots and grain direction; only use clean stock (**Page 19**).<br>2. Replace router bit.<br>3. Decrease feed rate.<br>4. Take a smaller depth of cut. (Always reduce cutting depth when working with hard woods.)<br>5. Cut with grain of wood (**Page 19**). |
| Divots in edge of cut. | 1. Inconsistent feeding speed.<br>2. Inconsistent pressure against fence.<br>3. Fence not adjusted correctly. | 1. Use consistent feed rate.<br>2. Apply constant pressure.<br>3. Adjust fence correctly (**Page 20**). |

# Aligning Mounting Plate

To ensure a workpiece does not catch on the mounting plate and cause kickback, the mounting plate must be aligned evenly with the top of the table.

**Tools Needed:** **Qty**
Hex Wrench 3mm ..... 1
Phillips Head Screwdriver #2 ..... 1
Straightedge 48" ..... 1

**To align mounting plate:**

**1.** DISCONNECT ROUTER FROM POWER!

**2.** Remove fence assembly from router table.

**3.** Remove (2) Phillips head screws that secure mounting plate to table.

**4.** Lay straightedge across mounting plate, table insert, and table surfaces in pattern shown in **Figure 41**.

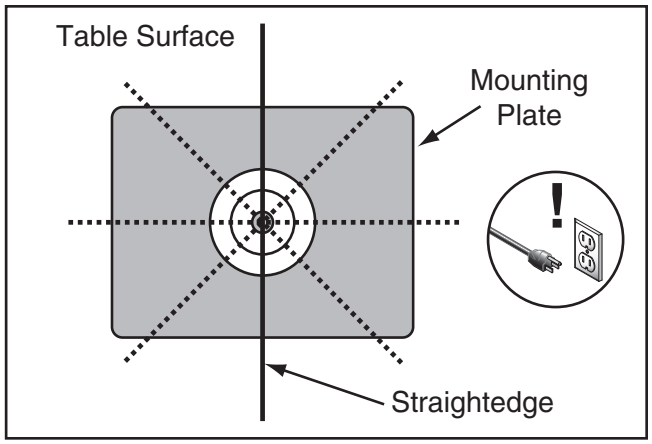



**Figure 41.** Pattern for aligning mounting plate to table.

**5.** Adjust set screws (see **Figure 42**) in mounting plate as necessary so that straightedge lies flat on table surface at all positions of pattern.

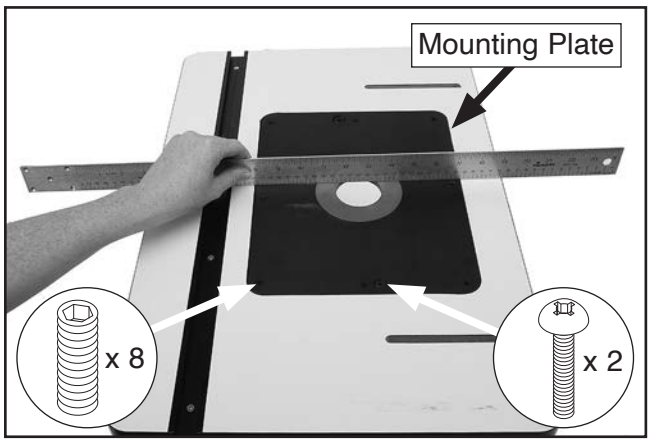



**Figure 42.** Example of using a straightedge to align mounting plate with table surface.

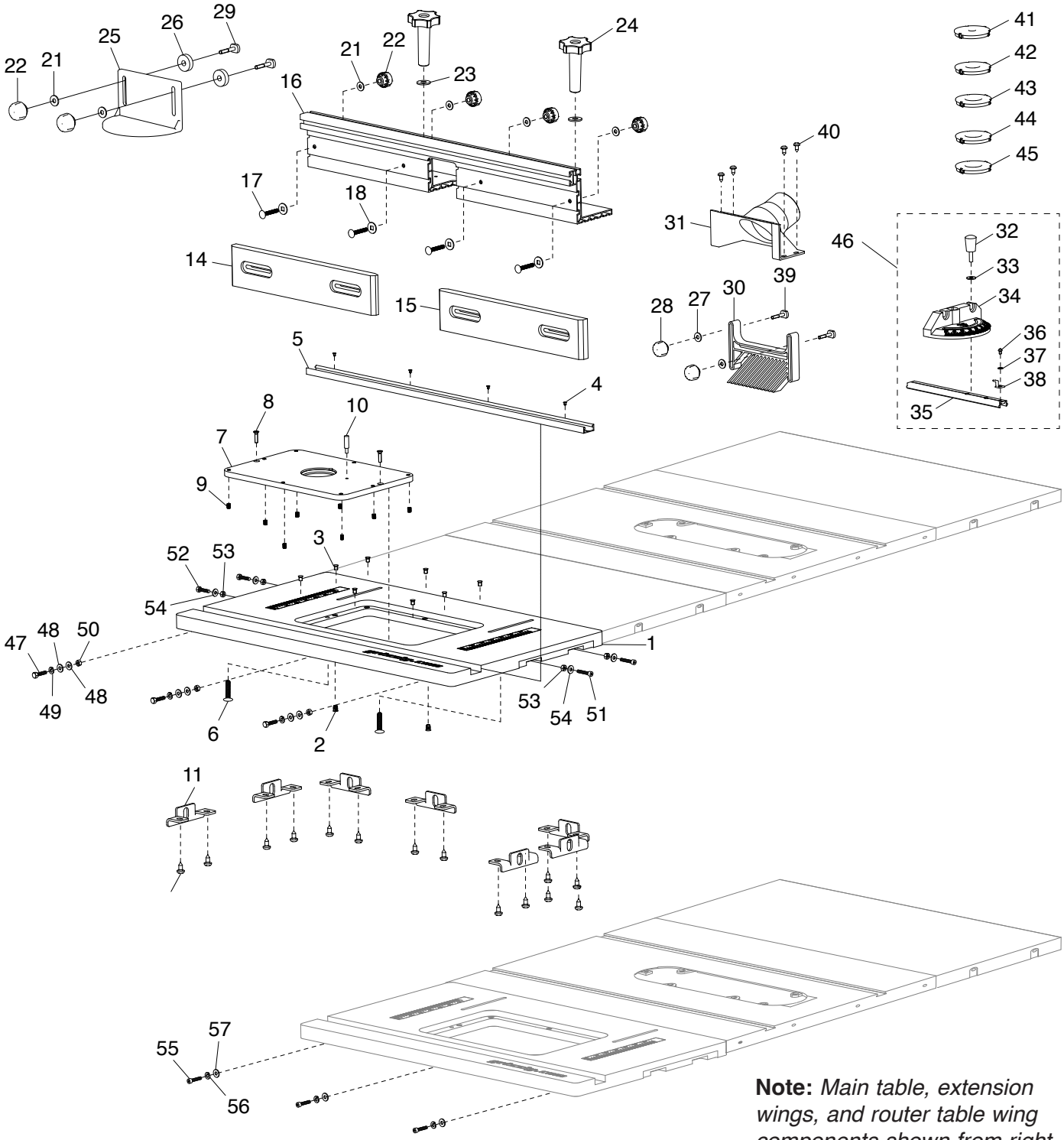
**6.** Repeat **Steps 4–5** as needed until mounting plate is aligned with table surface.

**7.** Secure mounting plate to table with Phillips head screws removed in **Step 3**.

# SECTION 6: PARTS

**Please Note:** *We do our best to stock replacement parts whenever possible, but we cannot guarantee that all parts shown here are available for purchase. Call* ***(800) 523-4777*** *or visit our online parts store at* ***www.grizzly.com*** *to check for availability.*

## Main




**Note:** *Main table, extension wings, and router table wing components shown from right rear of table saw.*

# Main Parts List

| REF | PART # | DESCRIPTION |
|---|---|---|
| 1 | PT33850001 | TABLE |
| 2 | PT33850002 | THREADED INSERT M5-.8 X 9.5 |
| 3 | PT33850003 | SET SCREW M6-1 X 8 |
| 4 | PT33850004 | TAP SCREW M2.9 X 10 |
| 5 | PT33850005 | T-SLOT TRACK |
| 6 | PT33850006 | T-BOLT M8-1.25 X 40 |
| 7 | PT33850007 | MOUNTING PLATE |
| 8 | PT33850008 | FLAT HD SCR M5-.8 X 20 |
| 9 | PT33850009 | SET SCREW M6-1 X 8 |
| 10 | PT33850010 | STARTING PIN |
| 11 | PT33850011 | MOUNTING BRACKET |
| 12 | PT33850012 | TAP SCREW M5.5 X 13 |
| 14 | PT33850014 | FENCE BOARD (LEFT) |
| 15 | PT33850015 | FENCE BOARD (RIGHT) |
| 16 | PT33850016 | FENCE |
| 17 | PT33850017 | CARRIAGE BOLT M6-1 X 40 |
| 18 | PT33850018 | CARRIAGE WASHER 7 X 1.5 X 20 |
| 21 | PT33850021 | FLAT WASHER 6MM |
| 22 | PT33850022 | KNOB M6-1, D27, 8-LOBE |
| 23 | PT33850023 | FLAT WASHER 8MM |
| 24 | PT33850024 | KNOB M8-1.25, 6-LOBE, D49.5 |
| 25 | PT33850025 | ROUTER BIT GUARD |
| 26 | PT33850026 | SPACER 6 X 12 X 7 |
| 27 | PT33850027 | FLAT WASHER 5MM |
| 28 | PT33850028 | KNOB M5-.8, D27, 8-LOBE |
| 29 | PT33850029 | T-BOLT M6-1 X 30 |
| 30 | PT33850030 | FEATHERBOARD |

| REF | PART # | DESCRIPTION |
|---|---|---|
| 31 | PT33850031 | DUST PORT 2-1/2" |
| 32 | PT33850032 | KNOB M6-1, D27, 8-LOBE |
| 33 | PT33850033 | FLAT WASHER 6MM |
| 34 | PT33850034 | MITER GAUGE |
| 35 | PT33850035 | MITER BAR |
| 36 | PT33850036 | PHLP HD SCR M4-.7 X 6 |
| 37 | PT33850037 | FLAT WASHER 4MM |
| 38 | PT33850038 | POINTER |
| 39 | PT33850039 | T-BOLT M5-.8 X 30 |
| 40 | PT33850040 | PHLP HD SCR M6-1 X 10 |
| 41 | PT33850041 | TABLE INSERT 1/2" |
| 42 | PT33850042 | TABLE INSERT 1" |
| 43 | PT33850043 | TABLE INSERT 1-3/16" |
| 44 | PT33850044 | TABLE INSERT 1-1/2" |
| 45 | PT33850045 | TABLE INSERT 2" |
| 46 | PT33850046 | MITER GAUGE ASSEMBLY |
| 47 | PT33850047 | HEX BOLT M6-1 X 25 |
| 48 | PT33850048 | FLAT WASHER 6MM |
| 49 | PT33850049 | LOCK WASHER 6MM |
| 50 | PT33850050 | HEX NUT M6-1 |
| 51 | PT33850051 | CAP SCREW M8-1.25 X 16 |
| 52 | PT33850052 | HEX BOLT M8-1.25 X 16 |
| 53 | PT33850053 | HEX NUT M8-1.25 |
| 54 | PT33850054 | FLAT WASHER 8MM |
| 55 | PT33850055 | CAP SCREW M10-1.5 X 35 |
| 56 | PT33850056 | LOCK WASHER 10MM |
| 57 | PT33850057 | FLAT WASHER 10MM |

# WARRANTY & RETURNS

Grizzly Industrial, Inc. warrants every product it sells for a period of **1 year** to the original purchaser from the date of purchase. This warranty does not apply to defects due directly or indirectly to misuse, abuse, negligence, accidents, repairs or alterations or lack of maintenance. This is Grizzly's sole written warranty and any and all warranties that may be implied by law, including any merchantability or fitness, for any particular purpose, are hereby limited to the duration of this written warranty. We do not warrant or represent that the merchandise complies with the provisions of any law or acts unless the manufacturer so warrants. In no event shall Grizzly's liability under this warranty exceed the purchase price paid for the product and any legal actions brought against Grizzly shall be tried in the State of Washington, County of Whatcom.

We shall in no event be liable for death, injuries to persons or property or for incidental, contingent, special, or consequential damages arising from the use of our products.

The manufacturers reserve the right to change specifications at any time because they constantly strive to achieve better quality equipment. We make every effort to ensure that our products meet high quality and durability standards and we hope you never need to use this warranty.

In the event you need to use this warranty, contact us by mail or phone and give us all the details. We will then issue you a "Return Number," which must be clearly posted on the outside as well as the inside of the carton. We will not accept any item back without this number. Proof of purchase must accompany the merchandise.

Please feel free to write or call us if you have any questions about the machine or the manual.

Thank you again for your business and continued support. We hope to serve you again soon.

For further information about the warranty, visit **https://www.grizzly.com/forms/warranty** or scan the QR code below to be automatically directed to our warranty page.