READ THIS FIRST

Model T28780/T28781

IMPORTANT UPDATE

For Machines Mfd. Since 06/24
and Owner's Manual Revised 06/20

For questions or help with this product contact Tech Support at (570) 546-9663 or techsupport@grizzly.com

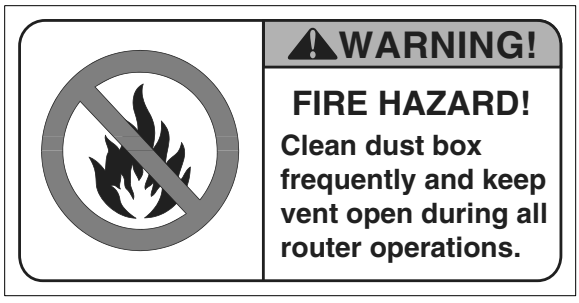
The following change was recently made since the owner's manual was printed:

- New label added.

Aside from this information, all other content in the owner's manual applies and MUST be read and understood for your own safety. **IMPORTANT: Keep this update with the owner's manual for future reference.**

For questions or help, contact our Tech Support at (570) 546-9663 or techsupport@grizzly.com.

New Label



Revised Parts

REF	PART #	DESCRIPTION
307	PT28780307	FIRE HAZARD LABEL

#MN23311 PRINTED IN TAIWAN

READ THIS FIRST

Model T28780/T28781
******IMPORTANT UPDATE******
For Machines Mfd. Since 04/22
and Owner's Manual Revised 06/20

For questions or help with this product contact Tech Support at (570) 546-9663 or techsupport@grizzly.com

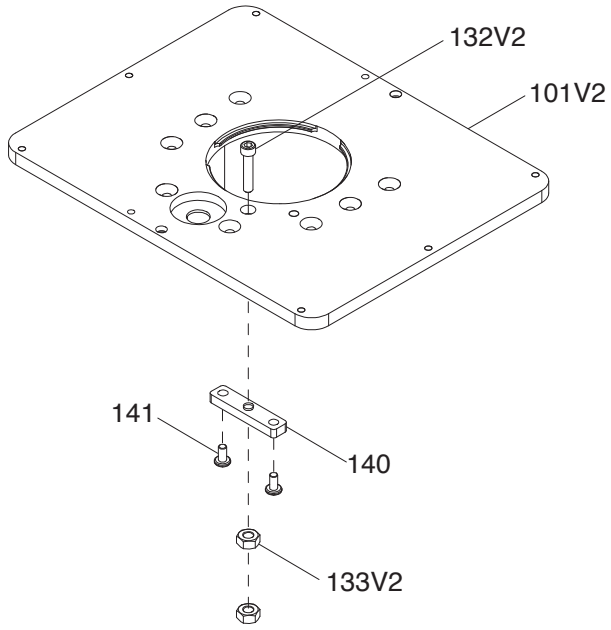
The following changes were recently made since the owner's manual was printed:

- Parts have changed.
- Manual sub-section **Adjusting Router Height** has changed.

Aside from this information, all other content in the owner's manual applies and MUST be read and understood for your own safety. **IMPORTANT: Keep this update with the owner's manual for future reference.**

For questions or help, contact our Tech Support at (570) 546-9663 or techsupport@grizzly.com.

Revised Parts



REF	PART #	DESCRIPTION
101V2	PT28780101V2	MOUNTING PLATE 11-3/4" X 9-1/4" V2.04.22
132V2	PT28780132V2	CAP SCREW M6-1 X 30 V2.04.22
133V2	PT28780133V2	HEX NUT M6-1 V2.04.22

REF	PART #	DESCRIPTION
140	PT28780140	THREADED ADJUSTMENT BRACKET
141	PT28780141	PHLP HD SCR M4-.7 X 8

#JA22984 PRINTED IN TAIWAN

Adjusting Router Height

The Model T28780/T28781 is equipped with a manually operated router lift that can be adjusted by rotating the index ring in the face of the mounting plate.

Tool Needed: **Qty**
Hex Wrench 5mm..... 1

To adjust router height:

1. DISCONNECT MACHINE FROM POWER!

2. Turn lock screw (see **Figure 48**) counterclockwise one full turn to release rocker arm (see **Figure 49**) beneath mounting plate.

3. Insert crank handle (see **Figure 48**) into index ring in mounting plate.

4. Turn crank handle (see **Figure 48**) clockwise to raise router; turn crank handle counterclockwise to lower router.

   Note: *One full rotation moves lift 0.05".*

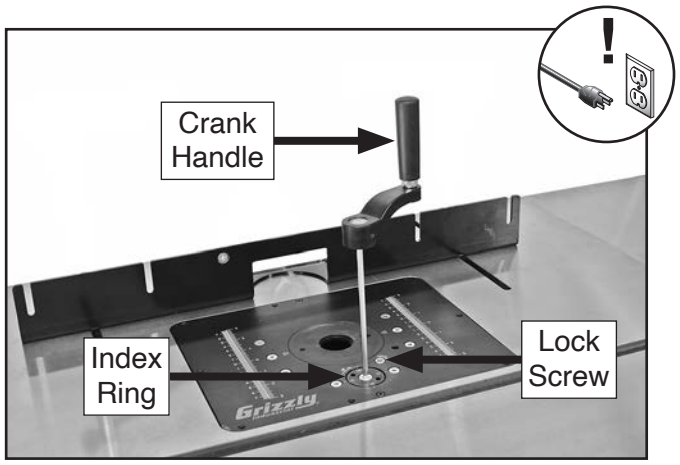


Figure 48. Example of lift crank handle installed in mounting plate.

5. Secure height setting by turning lock screw clockwise until it engages rocker arm (see **Figure 49**). Ensure lock screw is snug, but do not overtighten.

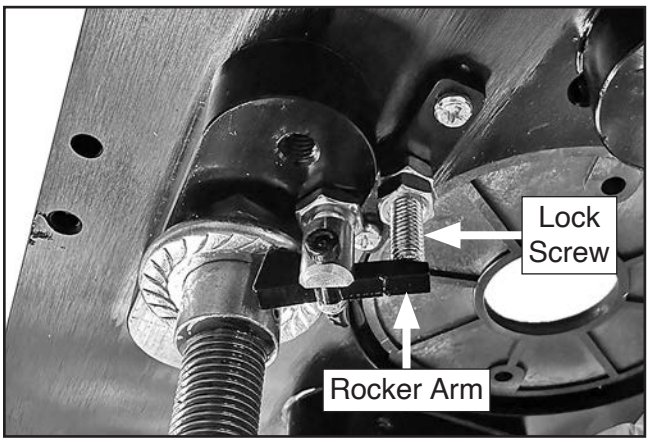


Figure 49. Location of lock screw components.

Using Table Insert

The Model T28780/T28781 comes with a 1¼" table insert (see **Figure 50**) that snaps into the center of the mounting plate and provides additional safety and control near the router bit during router operations.

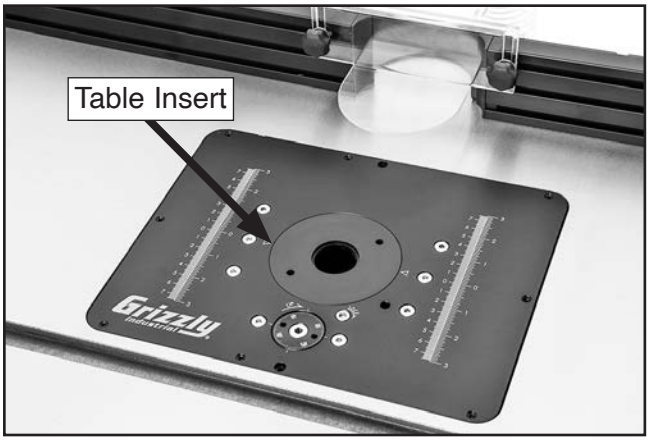


Figure 50. Location of table insert.

READ THIS FIRST

Model T28780/T28781

******IMPORTANT UPDATE******

For Machines Mfd. Since 11/23 and Owner's Manual Revised 06/20

For questions or help with this product contact Tech Support at (570) 546-9663 or techsupport@grizzly.com

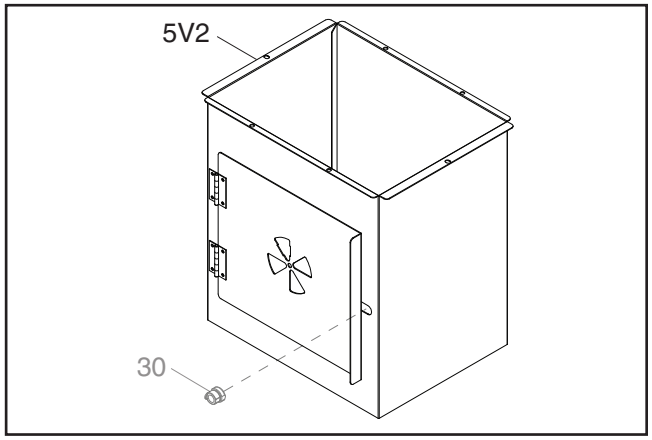
The following change was recently made since the owner's manual was printed:

- Parts have changed.

Aside from this information, all other content in the owner's manual applies and MUST be read and understood for your own safety. **IMPORTANT: Keep this update with the owner's manual for future reference.**

For questions or help, contact our Tech Support at (570) 546-9663 or techsupport@grizzly.com.

Revised Parts



REF	PART #	DESCRIPTION
5V2	PT28780005V2	DUST BOX V2.11.23

Revised Connecting Power Cords Steps

To connect router and router table to power:

1. Ensure router table ON/OFF switch is set to OFF position.

2. Open door on dust box and feed router power cord through cut-out on right-hand side of door opening (see **Figure 39**).

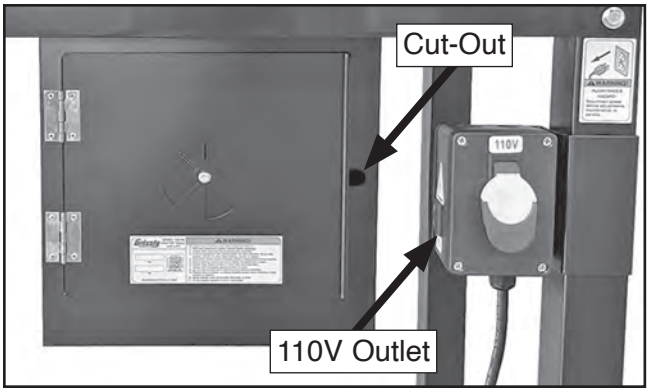


Figure 39. Location of ON/OFF switch and 110V outlet.

3. Install ½" strain relief on router power cord, press strain relief into cut-out, then close door.

4. Plug router power cord into 110V outlet (see **Figure 39**) on router table electrical box.

5. Plug router table power cord into matching power supply outlet.

#MN23068 PRINTED IN TAIWAN

Grizzly Industrial, Inc.®

MODEL T28780/T28781
ROUTER TABLE w/LIFT
OWNER'S MANUAL
(For models manufactured since 04/20)

T28780

T28781

#MN20484 PRINTED IN TAIWAN V2.06.20

⚠ 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

INTRODUCTION

Contact Info

We stand behind our machines! 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** from the machine ID label. 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

Manual Accuracy

We are proud to provide a high-quality owner's manual with your new machine!

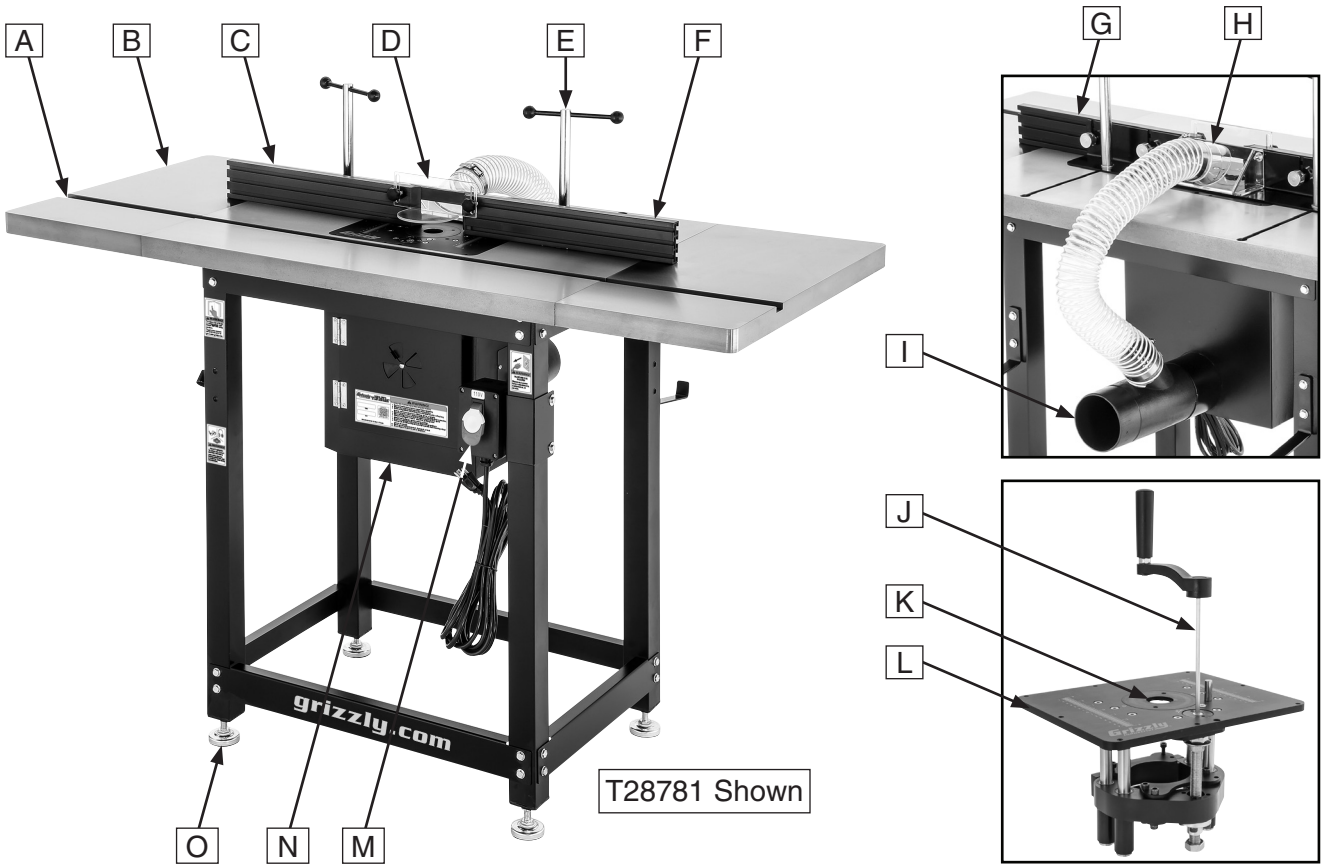
We made every effort to be exact with the instructions, specifications, drawings, and photographs in this manual. Sometimes we make mistakes, but our policy of continuous improvement also means that **sometimes the machine you receive is slightly different than shown in the manual**.

If you find this to be the case, and the difference between the manual and machine leaves you confused or unsure about something, check our website for an updated version. We post current manuals and manual updates for free on our website at **www.grizzly.com**.

Alternatively, you can call our Technical Support for help. Before calling, make sure you write down the **Manufacture Date** and **Serial Number** from the machine ID label (see below). This information is required for us to provide proper tech support, and it helps us determine if updated documentation is available for your machine.

Identification

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



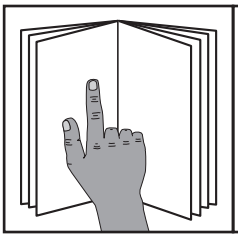
A. T-Slots ⅜", ¾" (T28780)
T-Slot ¾" (T28781)
B. Table
C. Outfeed Fence
D. Router Bit Guard
E. Fence Lock (1 of 2)
F. Infeed Fence
G. Fence Base
H. Dust Shroud 2½"
I. Dust Port 4"
J. Router Lift with Crank Handle
K. Mounting Plate Insert
L. Mounting Plate
M. ON/OFF Paddle Switch
N. Dust Box
O. Adjustable Foot (1 of 4)

⚠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 machine.

Refer to the following figures and descriptions to become familiar with the basic controls and components of this machine. 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 machine.

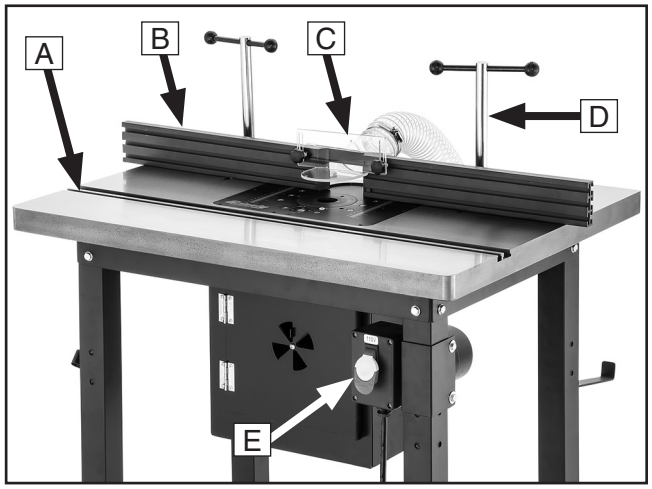


Figure 1. Router table controls (front).

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

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

C. Router Bit Guard. Provides workpiece visibility while shielding user during operations.

D. Fence Locks. Tighten and loosen fence assembly for front-to-rear adjustment.

E. ON/OFF Switch. Turns router ***ON*** and ***OFF***. Remove key to disable switch.

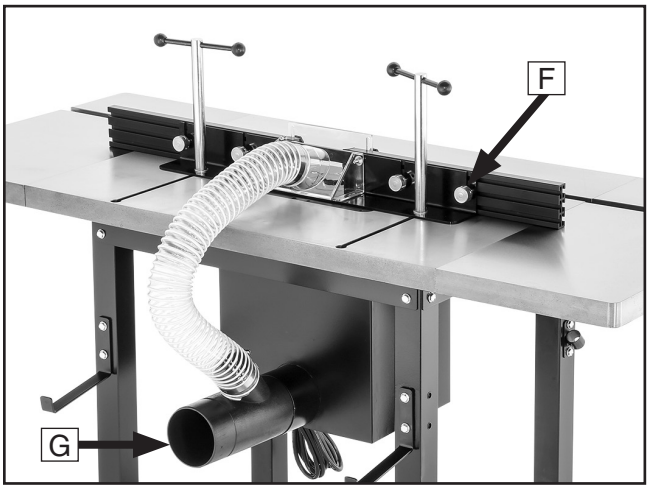


Figure 2. Router table controls (rear).

F. Fence Locks. Tighten and loosen infeed/outfeed fences for side-to-side adjustment.

G. Dust Port. 4" dust port connects to user's dust-collection system.

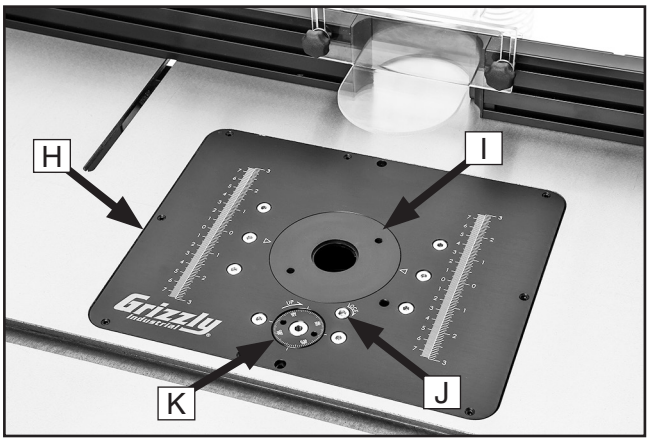


Figure 3. Mounting plate components.

H. Mounting Plate. Attaches router to table.

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

J. Carriage Lock. Secures carriage position to prevent movement during operations.

K. Index Ring. Insert crank handle and rotate to move carriage up and down.

MACHINE DATA SHEET

Customer Service #: (570) 546-9663 · To Order Call: (800) 523-4777 · Fax #: (800) 438-5901

MODEL T28780
ROUTER TABLE WITH LIFT

Product Dimensions:

Weight	126 lbs.
Width (side-to-side) x Depth (front-to-back) x Height	44 x 32 x 44-1/2 in.
Footprint (Length/Width)	27 x 19 in.

Shipping Dimensions:

Box 1

Type	Cardboard Box
Content	Table
Weight	98 lbs.
Length x Width x Height	36 x 28 x 5 in.
Must Ship Upright	No

Box 2

Type	Cardboard Box
Content	Router Lift & Dust Box
Weight	24 lbs.
Length x Width x Height	17 x 16 x 15 in.
Must Ship Upright	Yes

Box 3

Type	Cardboard Box
Content	Fence & Stand
Weight	47 lbs.
Length x Width x Height	34 x 11 x 6 in.
Must Ship Upright	No

Electrical:

Connection Type	Cord & Plug
Power Cord Included	Yes
Power Cord Length	6 ft.
Power Cord Gauge	14 AWG
Plug Included	Yes
Included Plug Type	NEMA 5-15
Switch Type	ON/OFF Paddle Switch w/Removable Key

Main Specifications:

Suitable Routers for Mounting	3.25", 3.5", 4.2" Non-Plunge Routers
Floor to Table Height	36 - 39 in.
Table Size	32 x 24 x 1-1/2 in.
Number of Table T-Slots	2
Table T-Slot Size	3/4, 3/8 in.
Plate Size	9-1/4 x 11-3/4 x 3/8 in.
Plate Opening Size	3-3/4 in.
Plate Insert Size	3-3/4 in.
Plate Insert Opening Size	1-1/4 in.
Router Lift Travel	2-3/4 in.
Router Lift Index Ring Increment	0.05 in. per full turn
Fence Length	32-1/2 - 44 in.
Fence Width x Height	3/4 x 2-3/4 in.
Fence Board Size	16-1/4 x 2-3/4 x 3/4 in.
Fence T-Slot Size	3/4 in.
Dust Port Type	Y-Fitting
Dust Port Sizes	4 in.
Dust Shroud Size	2-1/2 in.

Construction:

Table	Cast Iron
Stand & Dust Box	Steel
Stand & Dust Box Paint/Finish Type	Enamel
Fence	Anodized Aluminum
Router Lift	Aluminum, Steel
Plate	Anodized Aluminum
Plate Insert	Polycarbonate
Router Guard & Dust Shroud	Clear Polycarbonate

Other Specifications:

Country of Origin	Taiwan
Warranty	1 Year
Approximate Assembly & Setup Time	1 Hour
ISO 9001 Factory	Yes

Features:

Precision-Machined Router Lift
Index Ring for Fine Lift Adjustment of Router
Precision-Ground Cast-Iron Table
Clear Polycarbonate Router Guard & Dust Shroud
Fence Assembly with Individually Adjustable Fences
Enclosed Dust Box
Adjustable Feet

Accessories:

Table Insert w/1-1/4" Diameter Bit Hole
Table Insert Wrench
Starting Pin
Hex Wrench 3mm

MACHINE DATA SHEET

Customer Service #: (570) 546-9663 · To Order Call: (800) 523-4777 · Fax #: (800) 438-5901

MODEL T28781
ROUTER TABLE WITH LIFT AND CAST-IRON WINGS

Product Dimensions:

Weight	171 lbs.
Width (side-to-side) x Depth (front-to-back) x Height	56 x 32 x 44-1/2 in.
Footprint (Length/Width)	27 x 19 in.

Shipping Dimensions:

Box 1

Type	Cardboard Box
Content	Table
Weight	100 lbs.
Length x Width x Height	36 x 28 x 5 in.
Must Ship Upright	No

Box 2

Type	Cardboard Box
Content	Router Lift & Dust Box
Weight	24 lbs.
Length x Width x Height	17 x 16 x 15 in.
Must Ship Upright	Yes

Box 3

Type	Cardboard Box
Content	Fence & Stand
Weight	47 lbs.
Length x Width x Height	34 x 11 x 6 in.
Must Ship Upright	No

Box 4

Type	Cardboard Box
Content	Extension Wings
Weight	58 lbs.
Length x Width x Height	27 x 15 x 6 in.
Must Ship Upright	No

Electrical:

Connection Type	Cord & Plug
Power Cord Included	Yes
Power Cord Length	6 ft.
Power Cord Gauge	14 AWG
Plug Included	Yes
Included Plug Type	NEMA 5-15
Switch Type	ON/OFF Paddle Switch w/Removable Key

Main Specifications:

Suitable Routers for Mounting	3.25", 3.5", 4.2" Non-Plunge Routers
Floor to Table Height	36 - 39 in.
Table Size	56 x 24 x 1-1/2 in.
Number of Table T-Slots	1
Table T-Slot Size	3/4 in.
Plate Size	9-1/4 x 11-3/4 x 3/8 in.
Plate Opening Size	3-3/4 in.
Plate Insert Size	3-3/4 in.
Plate Insert Opening Size	1-1/4 in.
Router Lift Travel	2-3/4 in.
Router Lift Index Ring Increment	0.05 in. per full turn
Fence Length	32-1/2 - 44 in.
Fence Width x Height	3/4 x 2-3/4 in.
Fence T-Slot Size	3/4 in.
Fence Board Size	16-1/4 x 2-3/4 x 3/4 in.
Dust Port Type	Y-Fitting
Dust Port Sizes	4 in.
Dust Shroud Size	2-1/2 in.

Construction:

Table	Cast Iron
Table Wings	Cast Iron
Stand & Dust Box	Steel
Stand & Dust Box Paint/Finish Type	Enamel
Fence	Anodized Aluminum
Router Lift	Anodized Aluminum, Steel
Plate	Anodized Aluminum
Plate Insert	Polycarbonate
Router Guard & Dust Shroud	Clear Polycarbonate

Other Specifications:

Country of Origin	Taiwan
Warranty	1 Year
Approximate Assembly & Setup Time	1.25 Hours
ISO 9001 Factory	Yes

Features:

Precision-Machined Router Lift
Index Ring for Fine Lift Adjustment of Router
Precision-Ground Cast-Iron Table & Wings
Clear Polycarbonate Router Guard & Dust Shroud
Fence Assembly with Individually Adjustable Fences
Enclosed Dust Box
Adjustable Feet

Accessories:

Table Insert w/1-1/4" Diameter Bit Hole
Table Insert Wrench
Starting Pin
Hex Wrench 3mm

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 clothing, apparel 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: POWER SUPPLY

Availability

Before installing the machine, consider the availability and proximity of the required power supply circuit. If an existing circuit does not meet the requirements for this machine, a new circuit must be installed. To minimize the risk of electrocution, fire, or equipment damage, installation work and electrical wiring must be done by an electrician or qualified service personnel in accordance with all applicable codes and standards.

⚠WARNING

Electrocution, fire, shock, or equipment damage may occur if machine is not properly grounded and connected to power supply.

⚠WARNING

Serious injury could occur if you connect machine to power before completing setup process. DO NOT connect to power until instructed later in this manual.

110V Circuit Requirements

This machine is prewired to operate on a power supply circuit that has a verified ground and meets the following requirements:

Nominal Voltage 110V, 115V, 120V
Cycle .....60 Hz
Phase ..... Single-Phase
Power Supply Circuit ..... 15 Amps

A power supply circuit includes all electrical equipment between the breaker box or fuse panel in the building and the machine. The power supply circuit used for this machine must be sized to safely handle the full-load current drawn from the machine for an extended period of time. (If this machine is connected to a circuit protected by fuses, use a time delay fuse marked D.)

⚠CAUTION

For your own safety and protection of property, consult an electrician if you are unsure about wiring practices or electrical codes in your area.

Note: *Circuit requirements in this manual apply to a dedicated circuit—where only one machine will be running on the circuit at a time. If machine will be connected to a shared circuit where multiple machines may be running at the same time, consult an electrician or qualified service personnel to ensure circuit is properly sized for safe operation.*

Grounding & Plug Requirements

This machine MUST be grounded. In the event of certain malfunctions or breakdowns, grounding reduces the risk of electric shock by providing a path of least resistance for electric current.

This machine is equipped with a power cord that has an equipment-grounding wire and a grounding plug. Only insert plug into a matching receptacle (outlet) that is properly installed and grounded in accordance with all local codes and ordinances. DO NOT modify the provided plug!

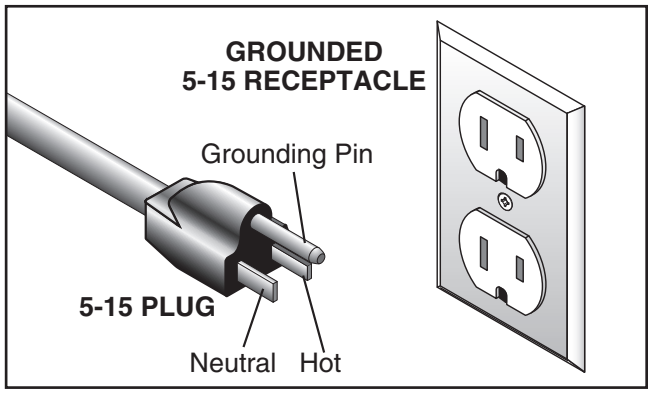
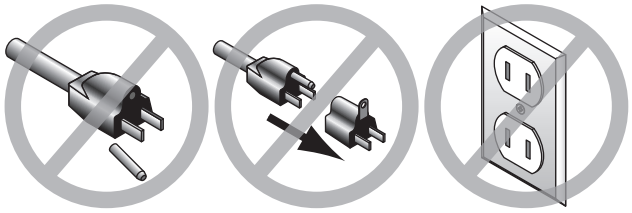


Figure 4. Typical 5-15 plug and receptacle.

⚠CAUTION



SHOCK HAZARD!

Two-prong outlets do not meet the grounding requirements for this machine. Do not modify or use an adapter on the plug provided—if it will not fit the outlet, have a qualified electrician install the proper outlet with a verified ground.

Improper connection of the equipment-grounding wire can result in a risk of electric shock. The wire with green insulation (with or without yellow stripes) is the equipment-grounding wire. If repair or replacement of the power cord or plug is necessary, do not connect the equipment-grounding wire to a live (current carrying) terminal.

Check with a qualified electrician or service personnel if you do not understand these grounding requirements, or if you are in doubt about whether the tool is properly grounded. If you ever notice that a cord or plug is damaged or worn, disconnect it from power, and immediately replace it with a new one.

Connecting to ON/OFF Paddle Switch

The Models T28780 & T28781 include an ON/OFF paddle switch with disabling key. Two power cords are connected to the switch. The shorter power cord has a 5-15 receptacle and connects to the router power cord. The longer power cord has a 5-15 plug and connects to a 110V power supply circuit. See **Connecting Power Cords** on **Page 26** detailed information about connecting a router to the Models T28780 and T28781.

Extension Cords

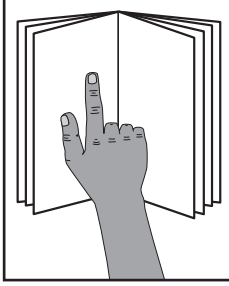
We do not recommend using an extension cord with this machine. If you must use an extension cord, only use it if absolutely necessary and only on a temporary basis.

Extension cords cause voltage drop, which can damage electrical components and shorten motor life. Voltage drop increases as the extension cord size gets longer and the gauge size gets smaller (higher gauge numbers indicate smaller sizes).

Any extension cord used with this machine must be in good condition and contain a ground wire and matching plug/receptacle. Additionally, it must meet the following size requirements:

Minimum Gauge Size .....14 AWG
Maximum Length (Shorter is Better).....50 ft.

SECTION 3: SETUP



⚠WARNING

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

⚠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.*

Needed for Setup

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

Description	Qty
• Phillips Head Screwdriver #1	1
• Open-End Wrench or Socket 12mm	1
• Straightedge 36"	1
• Level 36"	1
• Hex Wrenches 3, 5, 12mm	1 Ea
• 12" 2x4s	2
• Fine Ruler 24"	1

Inventory

The following is a list of items shipped with your machine. 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 Contents T28780 (Figure 5) **Qty**
A. Table 1

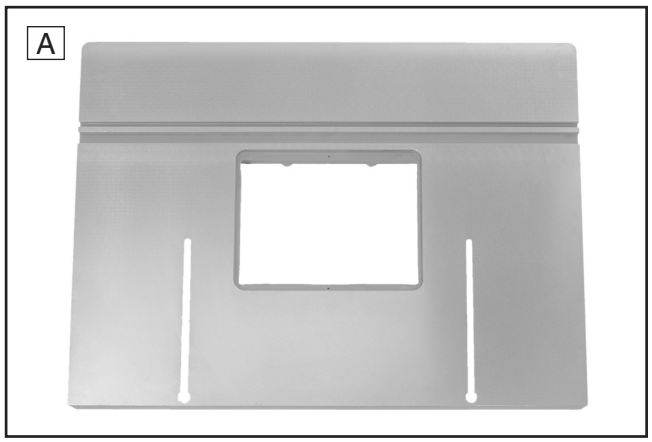


Figure 5. Box 1 inventory (T28780).

Box 1 Contents T28781 (Figure 6) **Qty**
A. Table 1
—Cap Screws 3/8-16 x 1½ (not shown) 6
—Flat Washers 3/8 (not shown) 6
—Lock Nuts 3/8-16 (not shown) 6

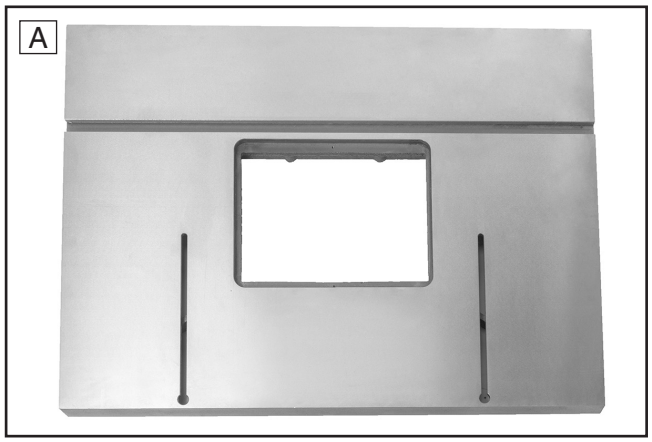


Figure 6. Box 1 inventory (T28781).

Box 2 Contents (Figure 7) **Qty**
B. Dust Box 1
C. Y-Fitting 4" x 4" x 2½" 1
D. Dust Hose 2½" x 28" 1
E. Table Insert 1¼" 1
F. Router Lift Assembly 1

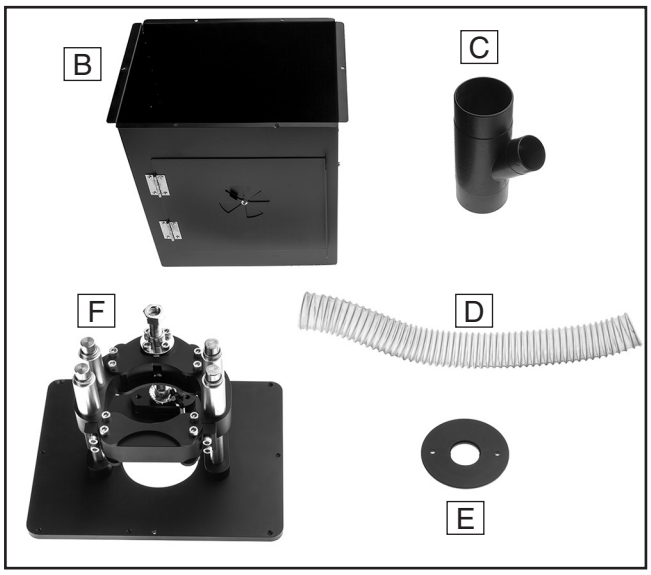


Figure 7. Box 2 inventory.

Box 3 Contents (Figure 8)	Qty
G. Router Bit Guard	1
H. Dust Shroud 2½"	1
I. Fence Storage Brackets	2
J. Fence Base	1
K. Infeed/Outfeed Fences	2
L. Fence End Caps	4
M. Fence Lock Shafts	2
N. Fence Lock Handles	2
O. Ball Knobs 5/16"-18 (Fence Lock Handles)	4
P. Steel Knobs ¼"-20 (Fence Base)	4
Q. Carriage Bolts ¼"-20 x ¾" (Fence Base)	4
R. Flange Bolts 5/16"-18 x ½" (Storage Bracket)	4
S. T-Bolts 5/16"-18 x 1" (Fence Locks)	2
T. Star Knobs ¼"-20 (Router Bit Guard)	2
U. Flat Washers ¼" (Fence Base)	4
V. Flat Washers 5/16" (Fence Locks)	2
W. Flat HD Screws ¼"-20 x 5/8" (Dust Shroud)	2
X. Hex Nuts ¼"-20 (Dust Shroud)	2
Y. Flat Washers ¼" (Router Bit Guard)	2
Z. Flat Washers ¼" (Dust Shroud)	2
AA. Carriage Bolts ¼"-20 x ¾" (Router Bit Guard)	2
AB. Legs	4
AC. Long Braces	4
AD. Adjustable Feet	4
AE. Hex Nuts ½"-12	4
AF. Flange Bolts 5/16"-18 x ½"	36
AG. Lower Short Braces	2
AH. Upper Short Braces	2
AI. Router Lift Crank Holder	1
AJ. Flange Bolts 5/16"-18 x ½"	2
AK. Spanner Wrench 70mm	1
AL. Router Lift Crank Handle	1
AM. Phillips Head Screws 10-24 x 3/8"	4
AN. Hose Clamps 2"	2
AO. Starting Pin	1
AP. Hex Wrench 3mm	1
AQ. Star Knob ¼"-20 x ½"	1
AR. Strain Relief ½"	1
AS. Cap Screws M4-.7 x 16 (Mounting Plate)	2
AT. 110V Electrical Box & Bracket	1
AU. External Tooth Washers 5/16"	32

NOTICE

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

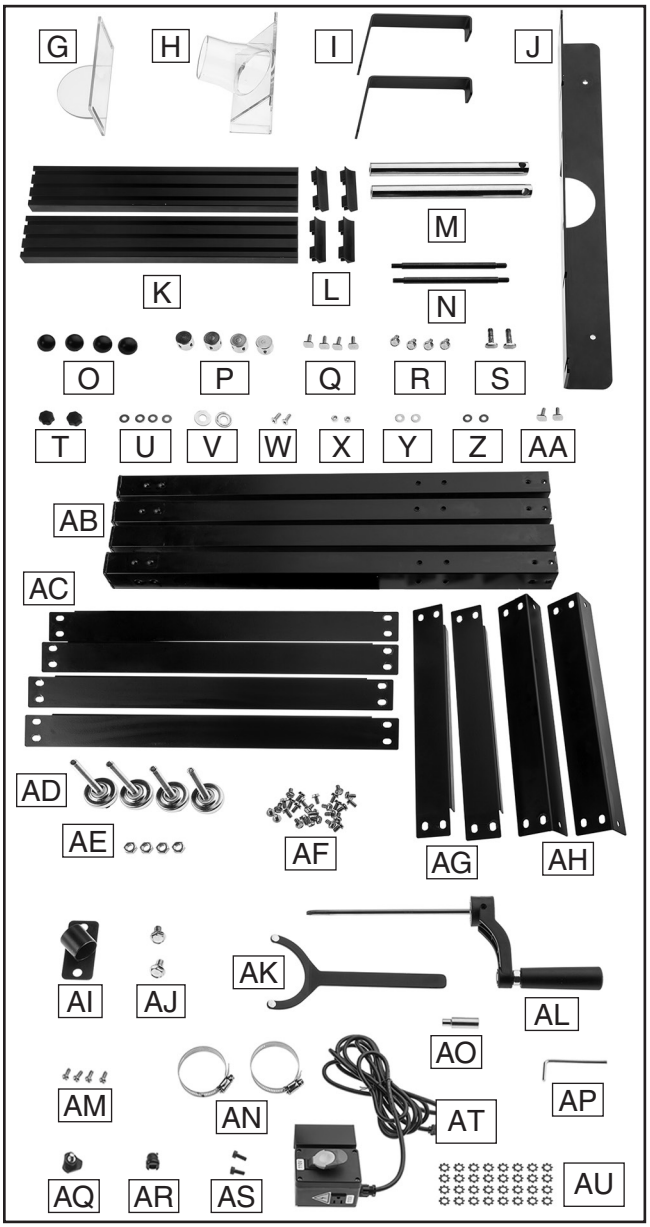


Figure 8. Box 3 inventory.

T28781 Only

Box 4 Contents (Figure 9)	Qty
AU. Extension Wing (Right)	1
AV. Extension Wing (Left)	1

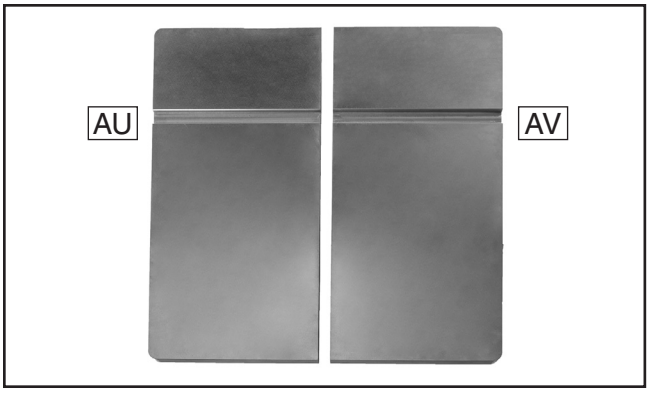
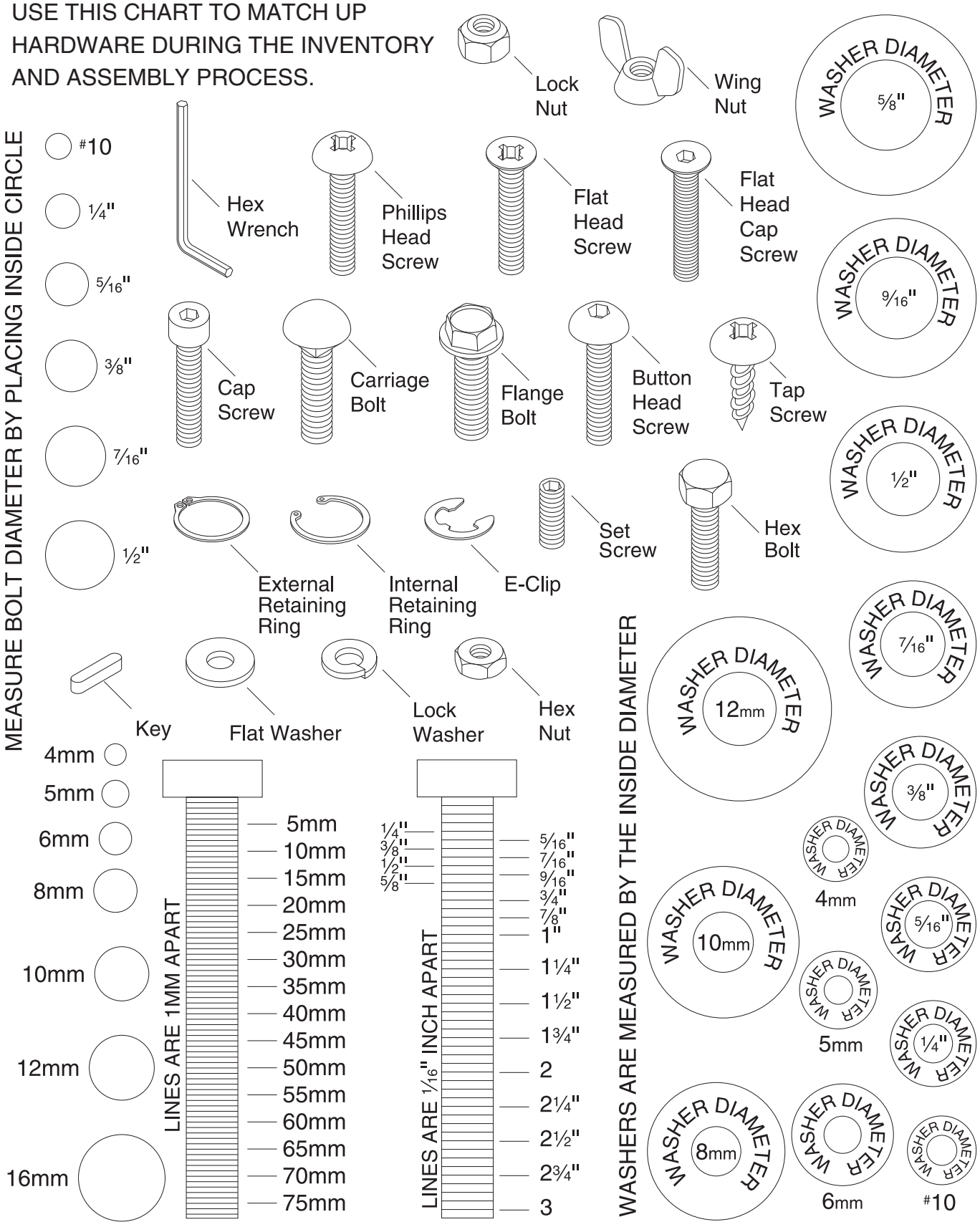


Figure 9. Box 4 inventory.

Hardware Recognition Chart

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



Cleanup

The unpainted surfaces of your machine are coated with a heavy-duty rust preventative that prevents corrosion during shipment and storage. This rust preventative works extremely well, but it will take a little time to clean.

Be patient and do a thorough job cleaning your machine. The time you spend doing this now will give you a better appreciation for the proper care of your machine's unpainted surfaces.

There are many ways to remove this rust preventative, but the following steps work well in a wide variety of situations. Always follow the manufacturer's instructions with any cleaning product you use and make sure you work in a well-ventilated area to minimize exposure to toxic fumes.

Before cleaning, gather the following:
- Disposable rags
- Cleaner/degreaser (WD•40 works well)
- Safety glasses & disposable gloves
- Plastic paint scraper (optional)

Basic steps for removing rust preventative:

1. Put on safety glasses.

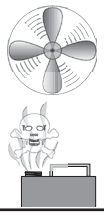
2. Coat the rust preventative with a liberal amount of cleaner/degreaser, then let it soak for 5–10 minutes.

3. Wipe off the surfaces. If your cleaner/degreaser is effective, the rust preventative will wipe off easily. If you have a plastic paint scraper, scrape off as much as you can first, then wipe off the rest with the rag.

4. Repeat **Steps 2–3** as necessary until clean, then coat all unpainted surfaces with a quality metal protectant to prevent rust.

⚠WARNING

Gasoline and petroleum products have low flash points and can explode or cause fire if used to clean machinery. Avoid using these products to clean machinery.



⚠CAUTION

Many cleaning solvents are toxic if inhaled. Only work in a well-ventilated area.

NOTICE

Avoid harsh solvents like acetone or brake parts cleaner that may damage painted surfaces. Always test on a small, inconspicuous location first.

T23692—Orange Power Degreaser
A great product for removing the waxy shipping grease from the ***non-painted*** parts of the machine during clean up.

Figure 10. T23692 Orange Power Degreaser.

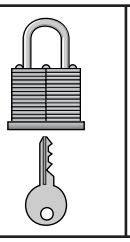
Site Considerations

Weight Load

Refer to the **Machine Data Sheet** for the weight of your machine. Make sure that the surface upon which the machine is placed will bear the weight of the machine, additional equipment that may be installed on the machine, and the heaviest workpiece that will be used. Additionally, consider the weight of the operator and any dynamic loading that may occur when operating the machine.

Space Allocation

Consider the largest size of workpiece that will be processed through this machine and provide enough space around the machine for adequate operator material handling or the installation of auxiliary equipment. With permanent installations, leave enough space around the machine to open or remove doors/covers as required by the maintenance and service described in this manual. **See below for required space allocation.**



⚠CAUTION

Children or untrained people may be seriously injured by this machine. Only install in an access restricted location.

Physical Environment

The physical environment where the machine is operated is important for safe operation and longevity of machine components. For best results, operate this machine in a dry environment that is free from excessive moisture, hazardous chemicals, airborne abrasives, or extreme conditions. Extreme conditions for this type of machinery are generally those where the ambient temperature range exceeds 41°–104°F; the relative humidity range exceeds 20%–95% (non-condensing); or the environment is subject to vibration, shocks, or bumps.

Electrical Installation

Place this machine near an existing power source. Make sure all power cords are protected from traffic, material handling, moisture, chemicals, or other hazards. Make sure to leave enough space around machine to disconnect power supply or apply a lockout/tagout device, if required.

Lighting

Lighting around the machine must be adequate enough that operations can be performed safely. Shadows, glare, or strobe effects that may distract or impede the operator must be eliminated.

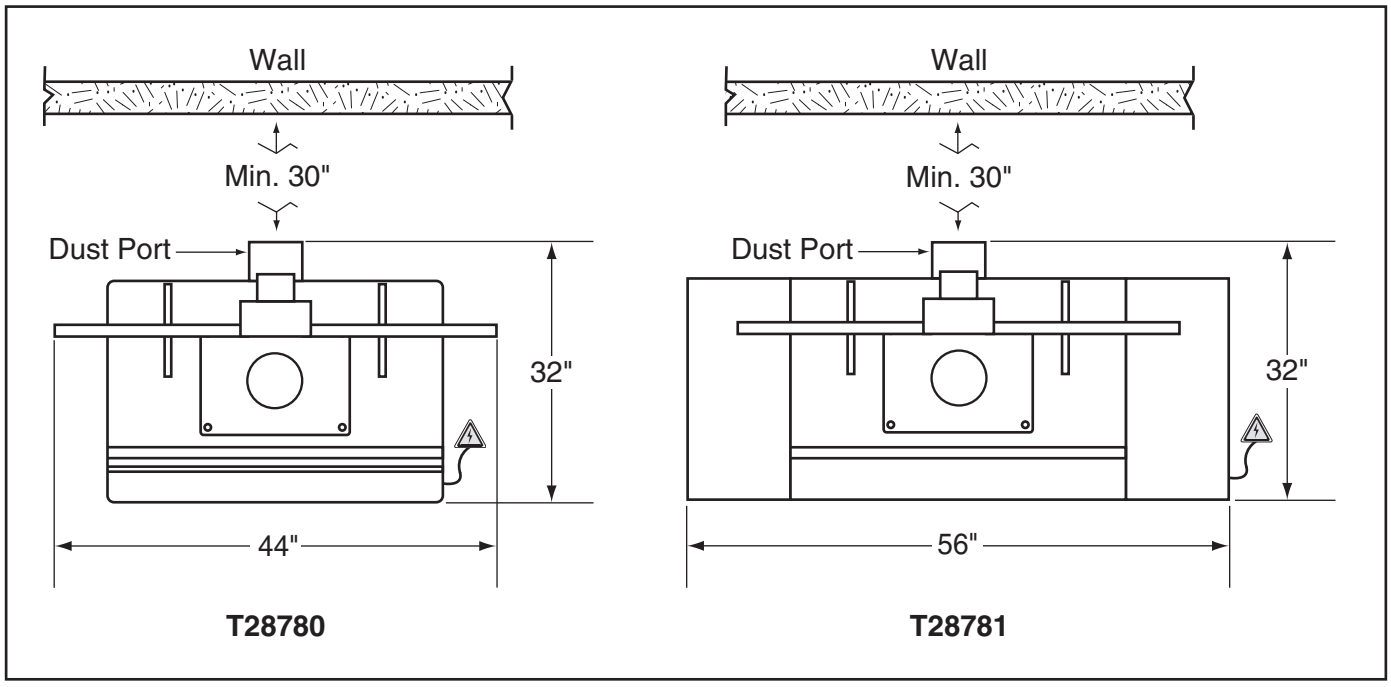


Figure 11. Minimum working clearances.

Assembly

The machine must be fully assembled before it can be operated. Before beginning the assembly process, refer to **Needed for Setup** and gather all listed items. To ensure the assembly process goes smoothly, first clean any parts that are covered or coated in heavy-duty rust preventative (if applicable).

To assemble router table:

1. Locate two legs (see **Figure 12**) and attach with (1) lower short brace at bottom using (4) 5/16"-18 x 1/2" flange bolts and (4) 5/16" external tooth washers. Repeat with second pair of legs and (1) lower short brace.

2. Install (4) adjustable feet in bottom of each leg (see **Figure 12**).

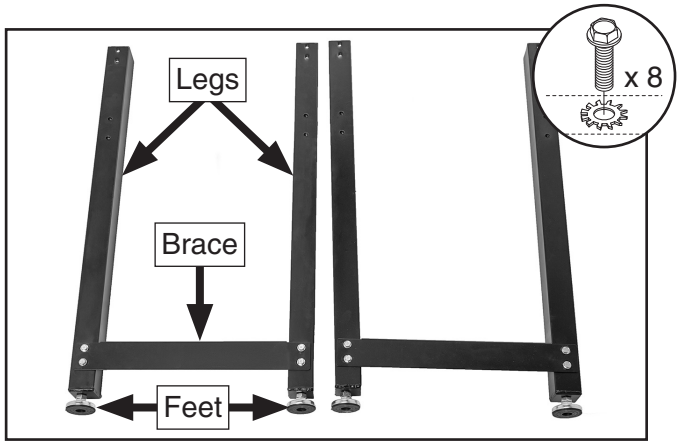


Figure 12. Legs assembled and feet installed.

3. Attach leg assemblies as shown below with (2) long braces, (8) 5/16"-18 x 1/2" flange bolts and (8) 5/16" external tooth washers.

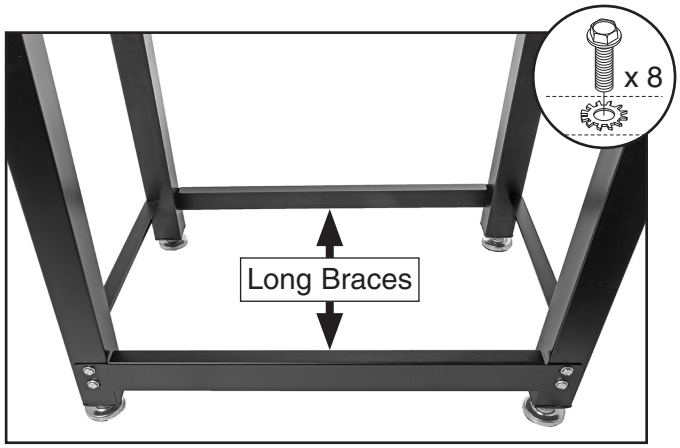


Figure 13. Leg assemblies attached.

4. Install (2) long braces (see **Figure 14**) at top of leg assemblies with (8) 5/16"-18 x 1/2" bolts and (8) 5/16" external tooth washers.

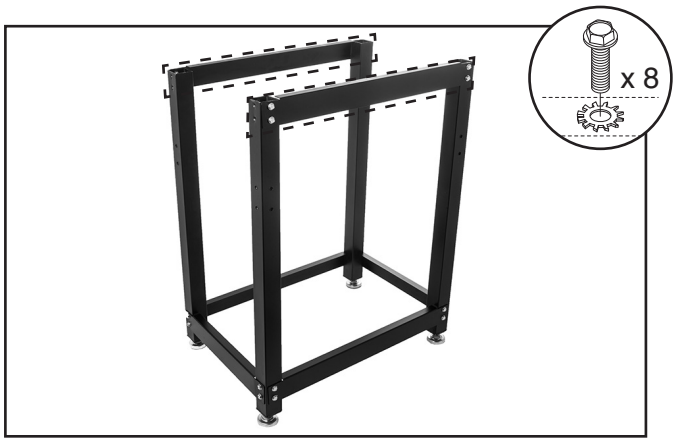


Figure 14. Long braces installed at top of legs.

5. Place table (see **Figure 15**) upside-down on flat surface, then attach (2) upper short braces to table with (4) 5/16"-18 x 1/2" flange bolts.

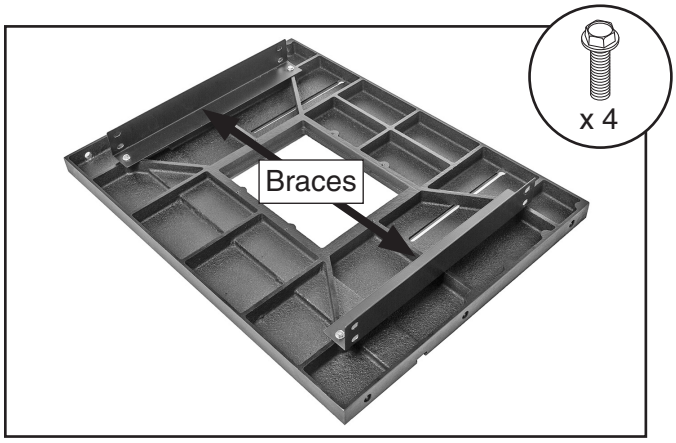


Figure 15. Upper short braces attached to table.

6. Place table on stand, as shown below, and attach with (8) 5/16"-18 x 1/2" flange bolts and (8) 5/16" external tooth washers.

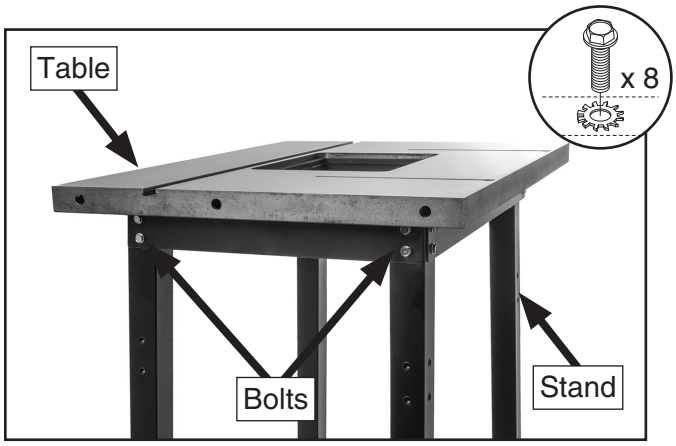


Figure 16. Router table attached to stand.

7. **T28781 Only:** Attach right and left extension wings (see **Figure 17**) to router table with (6) 3/8"-16 x 1½" cap screws, (6) 3/8" flat washers, and (6) 3/8"-16 lock nuts.

   Note: *Place level or straightedge across router table and each extension wing to ensure they are flush side to side and front to back and that the T-slots align squarely.*

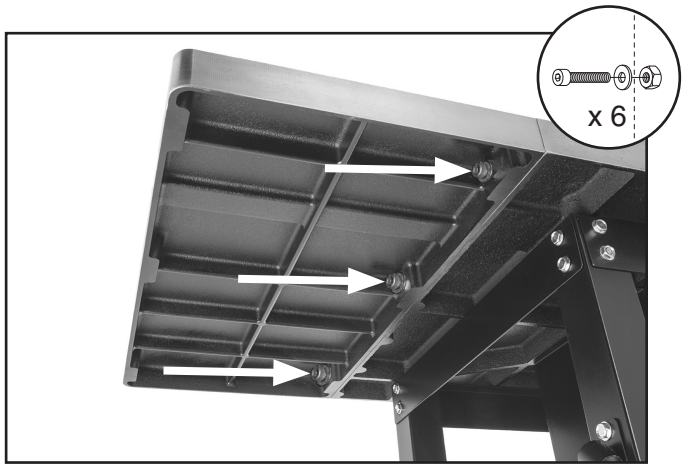


Figure 17. Extension wings installed.

8. Position router lift assembly inside table opening (see **Figure 18**) so mounting plate is flush with table top.

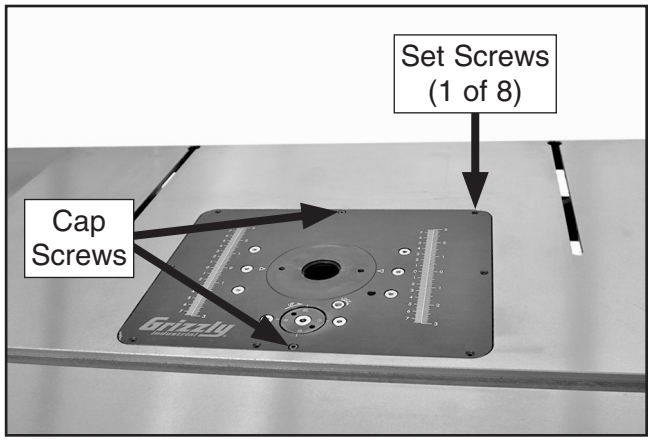


Figure 18. Router lift assembly positioned inside table opening.

9. Lay straightedge across mounting plate, plate insert, and table surfaces in pattern shown in **Figure 19**.

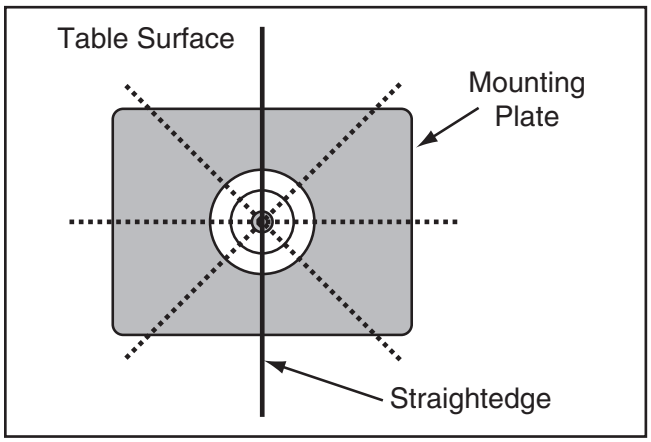


Figure 19. Pattern for aligning mounting plate.

10. Adjust set screws (see **Figure 18**) so that ends of straightedge lay flat on table surface at all positions of pattern above.

    IMPORTANT: *Mounting plate and table surface must be aligned evenly to ensure workpiece does not catch on mounting plate or table surface and kick back.*

11. Once mounting plate is even with table surface, secure position with (2) M4-.7 x 16 cap screws shown in **Figure 18**.

12. Attach dust shroud (see **Figure 20**) to back of fence base with (2) 1/4"-20 x 5/8" flat head screws, (2) 1/4" flat washers, and (2) 1/4"-20 hex nuts.

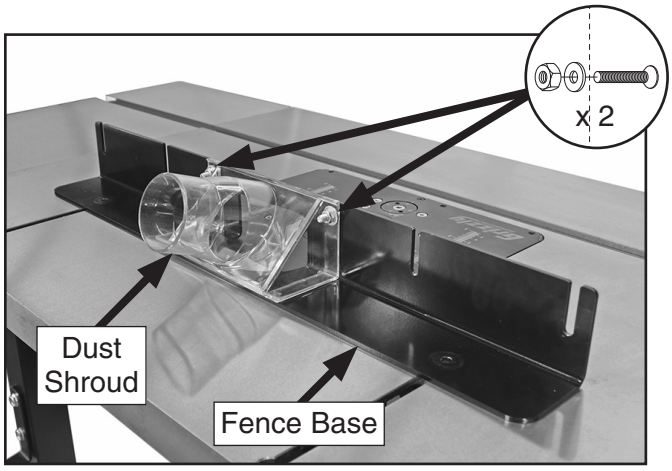


Figure 20. Dust shroud attached to fence base.

13. Install (2) ¼"-20 x ¾" carriage bolts in the center slot of infeed fence (see **Figure 21**).

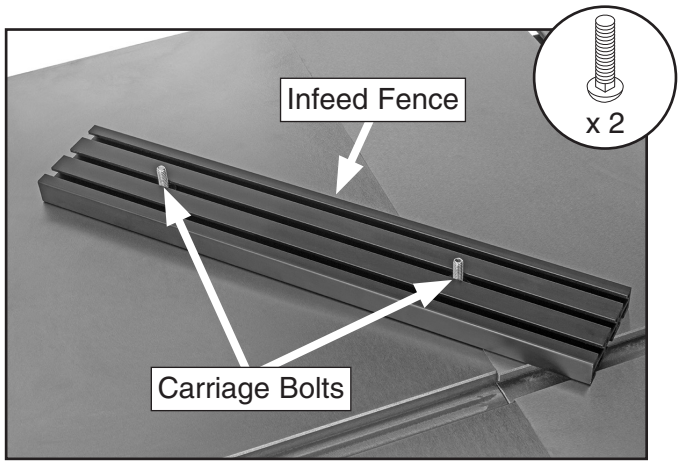


Figure 21. Carriage bolts installed in infeed fence.

14. Align carriage bolts with vertical slots in fence base and install infeed fence (see **Figure 22**).

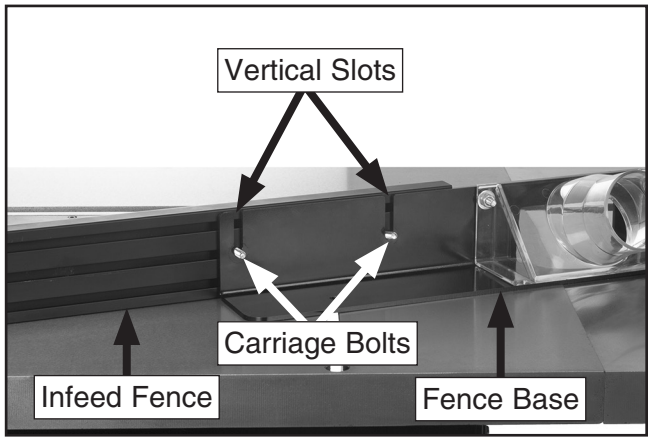


Figure 22. Infeed fence installed on fence base.

15. Secure infeed fence to base with (4) ¼" flat washers and (4) ¼"-20 steel knobs (see **Figure 23**).

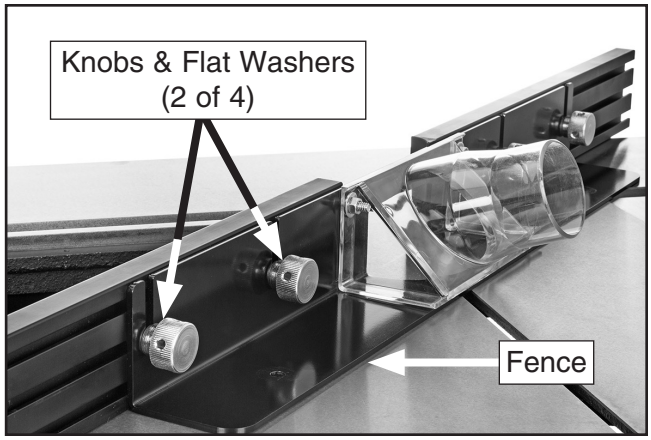


Figure 23. Infeed fence secured to base.

16. Repeat **Steps 13-15** to install outfeed fence on opposite side of base.

17. Align (2) holes in fence base with slots in table. Insert (2) 5/16"-18 T-bolts (see **Figure 24**) through table and fence base, as shown below.

Note: *Ensure T-bolts sit flush in T-slots underneath the table.*

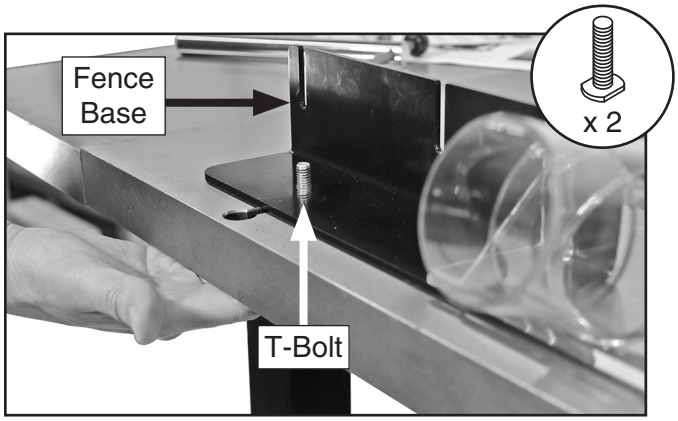


Figure 24. T-bolts inserted through table and fence base.

18. Assemble (2) fence locks (see **Figure 25**) by removing one ball knob on each handle, sliding it through hole at top of shaft, then re-installing knob.

19. Install (1) 5/16" flat washer and (1) fence lock (see **Figure 25**) on each T-bolt installed in **Step 17**.

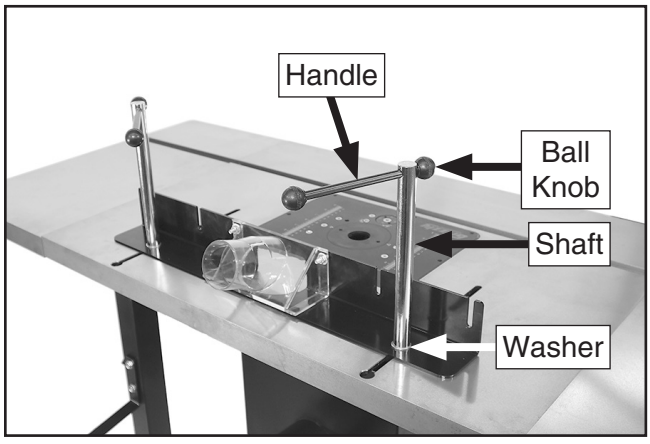


Figure 25. Fence locks installed.

20. Press (4) fence end caps into position, as shown in **Figure 26**.

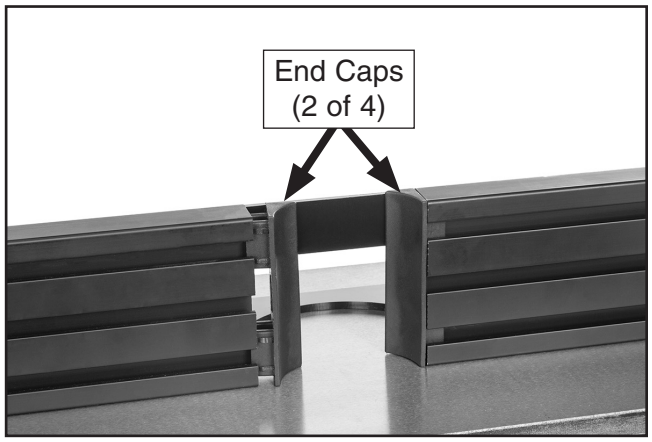


Figure 26. End caps pressed into fences.

21. Install (1) ¼"-20 x ¾" carriage bolt in top slot of infeed/outfeed fence face (see **Figure 27**).

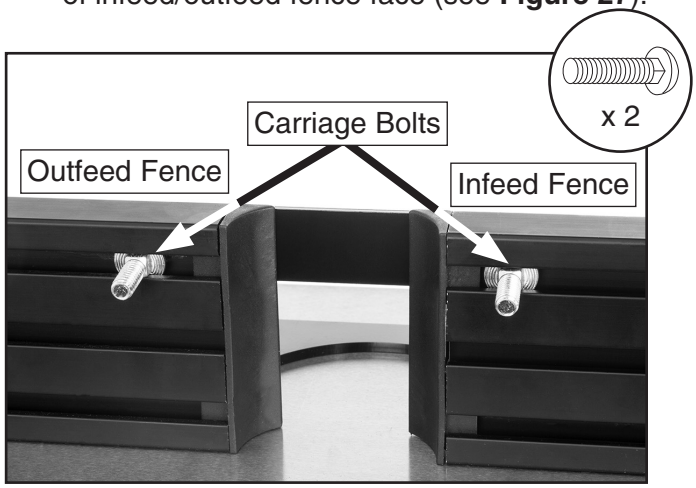


Figure 27. Carriage bolts installed on fence.

22. Attach router bit guard (see **Figure 28**) to carriage bolts in fence with (2) ¼"-20 plastic knobs.

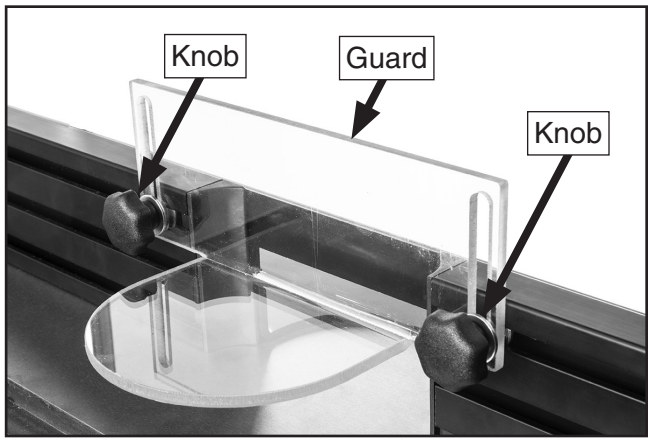


Figure 28. Router bit guard secured to fence with plastic knobs.

23. Attach ON/OFF switch (see **Figure 29**) to front, righthand leg of stand with pre-installed clamp and (2) ¼"-20 x 1½" hex bolts and (2) ¼" flat washers.

Figure 29. Attaching ON/OFF switch to front of stand.

24. Install dust box (see **Figure 30**) underneath table with (4) 10-24 x ⅜" Phillips head screws.

Note: *The vent should be facing the front of the machine.*

Figure 30. Attaching dust box to table.

25. Install Y-fitting (see **Figure 31**) on dust port and secure with (1) ¼"-20 x ½" knob bolt.

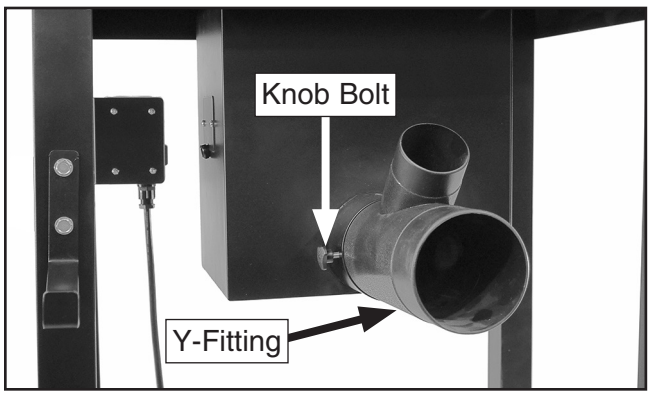


Figure 31. Y-fitting attached to dust port.

26. Attach 2½" dust hose (see **Figure 32**) on dust shroud and Y-fitting. Secure with 2½" hose clamps.

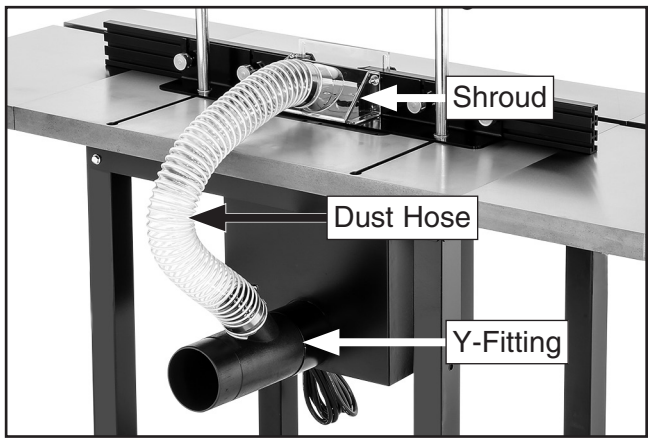


Figure 32. Dust hose installed.

27. Install fence storage brackets (see **Figure 33**) with (4) 5/16"-18 x ½" flange bolts.

28. Install crank handle storage bracket (see **Figure 33**) with (2) 5/16"-18 x ½" flange bolts.

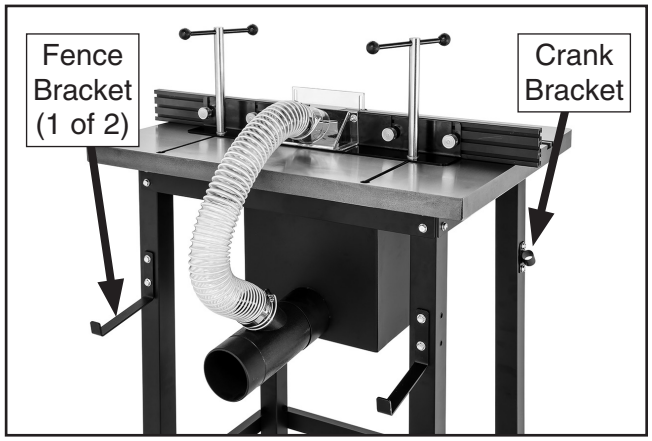


Figure 33. Fence and crank handle storage brackets installed.

Installing Router

The router lift on the Model T28780/T28781 is designed with clamping plates (see **Figure 34**) that accept router body diameters 3.25", 3.5", and 4.2".

Each one of the four clamping plates has two curved edges—one deep and one shallow. Through a process of trial and error, determine which curvature best holds your router in position. Do not mix and match shallow and deep curves or the router will not be centered over the hole in the mounting plate, and you run the risk of hitting the plate with a bit during operations.

For larger router bodies, remove the clamping plates completely (see **Figure 35**) and use the clamp block and slide block to secure the router in position.

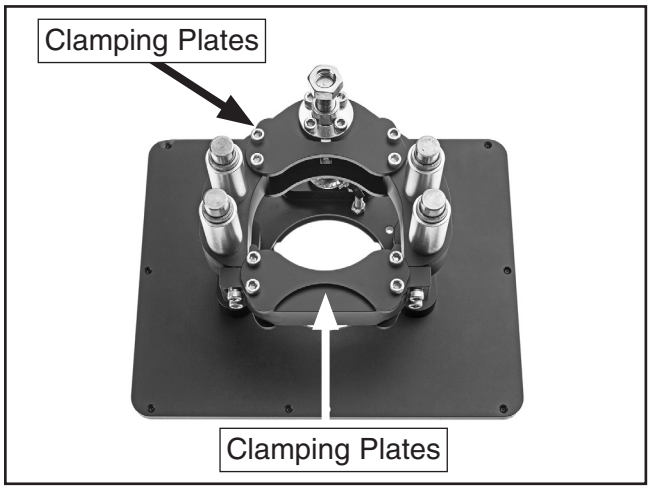


Figure 34. Location of router clamping plates.

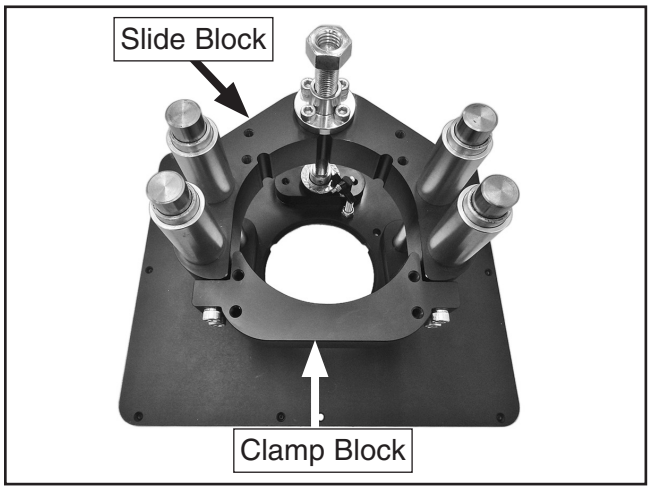


Figure 35. Clamping plates removed.

Installing Router

1. Insert crank handle in index ring on mounting plate (see **Figure 3** on **Page 4**) and turn clockwise until lift just touches the bottom of the plate.

2. Remove lift assembly from router table and place upside down on two blocks of wood (see **Figure 36**) so router collet can extend through the center hole in the mounting plate.

3. Loosen (4) cap screws that secure clamp block to slide block (see **Figure 36**).

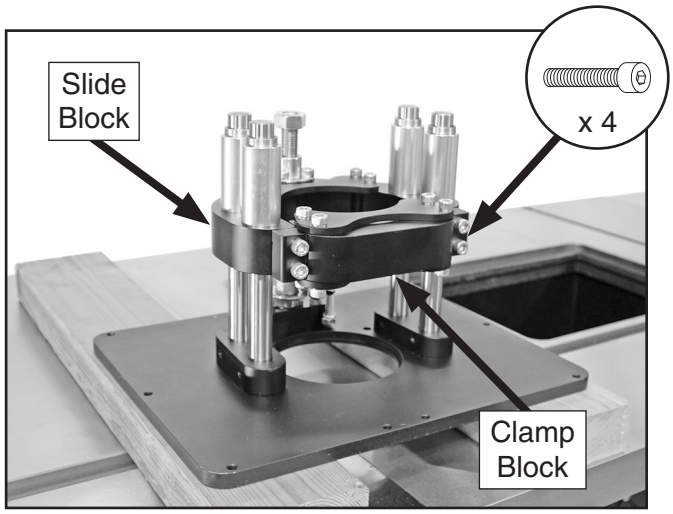


Figure 36. Lift assembly resting on blocks of wood.

IMPORTANT: When positioning the router in the clamping plates, take into account access to router controls, such as variable-speed dial, depth adjustments, and other locks or levers.

4. Secure router with best configuration of clamping plates that securely hold it, then retighten cap screws (see **Figure 37**).

   Note: *Router body should just touch the back of the mounting plate.*

Figure 37. Example of router installed in clamping plates.

5. Re-install lift assembly in router table.

⚠CAUTION

If router unexpectedly moves or router bit contacts plate insert or fence during operation, serious personal injury could result from the router bit or flying debris. ALWAYS make sure router is firmly secured in clamping plates before beginning operations.

Leveling Router Table

⚠CAUTION

To reduce risk of injury from accidental contact with spinning router bit, ALWAYS make sure router table is placed on a flat, clean surface and then leveled before router operations.

The feet on the Model T28780/T28781 are adjustable and used to level the router table. This keeps it from rocking during routing operations.

To level router table:

1. Place router table on a flat, clean surface.

2. Loosen (4) ½"-12 hex nuts (see **Figure 38**) on router table feet.

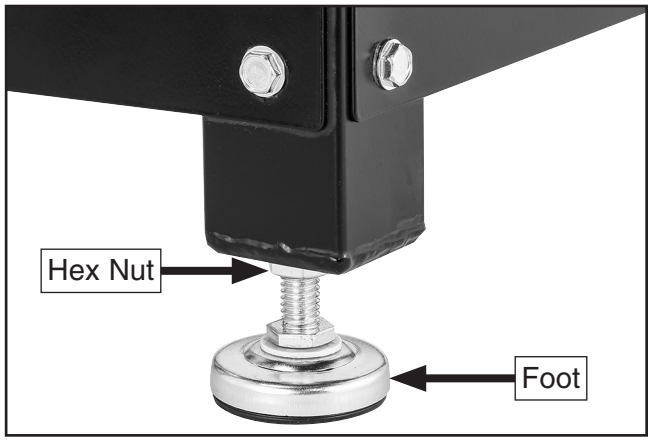


Figure 38. Foot components.

3. Adjust router table feet to ensure table is stable and does not rock.

4. Tighten hex nuts to secure router table feet.

Connecting Power Cords

The Model T28780/T28781 includes an electrical box with a 110V receptacle and an ON/OFF paddle switch (see **Figure 39**). The router power cord can be plugged directly into the electrical box, and the power cord on the electrical box can be plugged into a 110V outlet. This allows you to start and stop your router without having to reach into the dust box for the router ON/OFF switch.

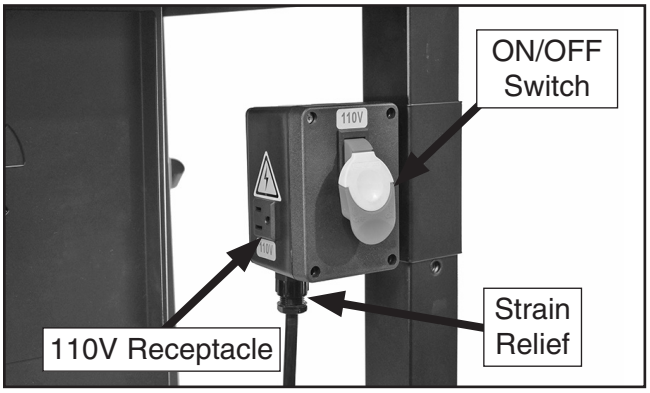


Figure 39. Location of ON/OFF switch and 110V receptacle.

To connect router and router table to power:

1. Ensure router table paddle switch is set to OFF position.

2. Loosen (2) 10-24 x ⅜" Phillips head screws securing side door on dust box, and feed router power cord through opening.

3. Plug router power cord into 110V receptacle on router table electrical box.

4. Plug router table power cord into matching power supply outlet.

5. Install ½" strain relief (see **Figure 39**) on router power cord where it emerges from the dust box side panel and secure by retightening screws.

Dust Collection

⚠CAUTION

This machine creates 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: 400 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 machine, (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.

1. Fit a 4" dust hose over dust port (see **Figure 40**), and secure with wire hose clamp.

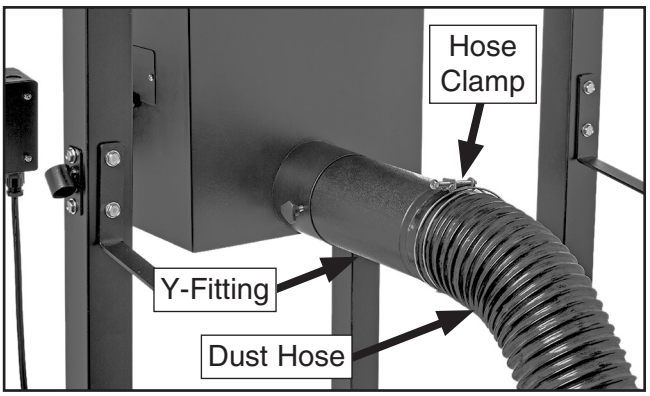


Figure 40. Example of 4" dust hose connected Y-fitting.

2. Tug hose to make sure it does not come off. A tight fit is necessary for proper performance.

Test Run

Once assembly is complete, test run the machine to ensure it is properly connected to power and safety components are functioning correctly.

If you find an unusual problem during the test run, immediately stop the machine, disconnect it from power, and fix the problem BEFORE operating the machine again. The **Troubleshooting** table in the **SERVICE** section of this manual can help.

The Test Run consists of verifying the following: 1) The router powers up and runs correctly, and 2) the switch disabling key disables the switch properly.

⚠WARNING

Serious injury or death can result from using this machine BEFORE understanding its controls and related safety information. DO NOT operate, or allow others to operate, machine until the information is understood.

⚠WARNING

DO NOT start machine until all preceding setup instructions have been performed. Operating an improperly set up machine may result in malfunction or unexpected results that can lead to serious injury, death, or machine/property damage.

To test run router table:

1. Clear all setup tools away from router table.

2. Make sure router table paddle switch is set to OFF position.

3. Make sure router power cord is plugged into receptacle in router table electrical box.

4. Connect router table power cord to power supply.

5. Reach into dust box and turn router ***ON***.

6. Using paddle switch, turn router table ***ON***, verify router powers up, and then turn router table ***OFF***.

7. Remove switch-disabling key, as shown in **Figure 41**.

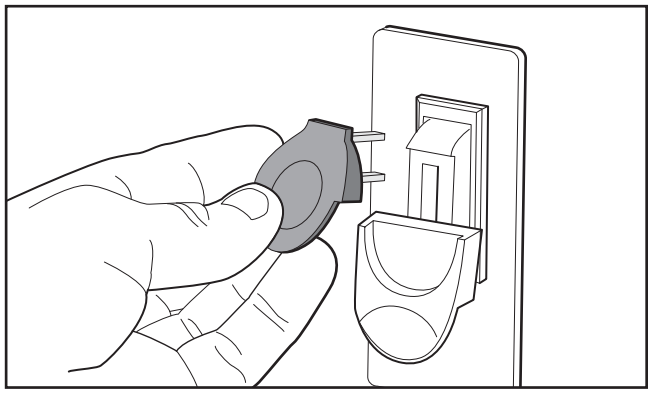


Figure 41. Removing switch key from paddle switch.

8. Try to start router with paddle switch. The router *should not* start.

   —If router *does not* start, switch disabling feature is working as designed.

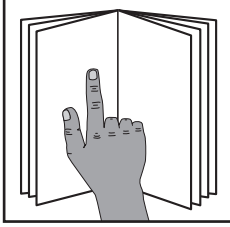
   —If router *does* start, immediately stop router. The switch disabling feature is not working correctly. This safety feature *must* work properly before proceeding with regular operations. See Troubleshooting for help.

9. Re-install switch-disabling key in paddle switch.

   Congratulations! The test run is complete. The router table is ready for operation.

SECTION 4: OPERATIONS

Operation Overview

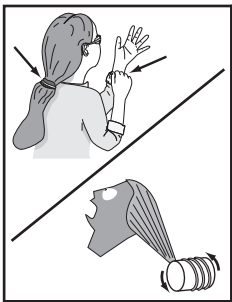


⚠WARNING

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

⚠WARNING

Eye injuries, respiratory problems, or hearing loss can occur while operating this tool. 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 machine, 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.

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

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

2. Adjusts fences close to the bit for maximum workpiece support, then secures fences in place.

3. Adjusts bit height for desired cutting profile.

4. Adjusts fence position to establish depth of cut and makes sure that it is parallel with the table T-slot.

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

6. Verifies direction of router bit rotation is correct for operation, 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 once operation is complete.

Disabling Switch

The switch can be disabled by removing the key, as shown below. Disabling the switch in this manner can prevent unauthorized operation of the machine, which is important if it is not kept inside an access-restricted building or in a location where children may be present.

IMPORTANT: Disabling the switch only restricts its function. It is not a substitute for disconnecting machine from power when adjusting or servicing.

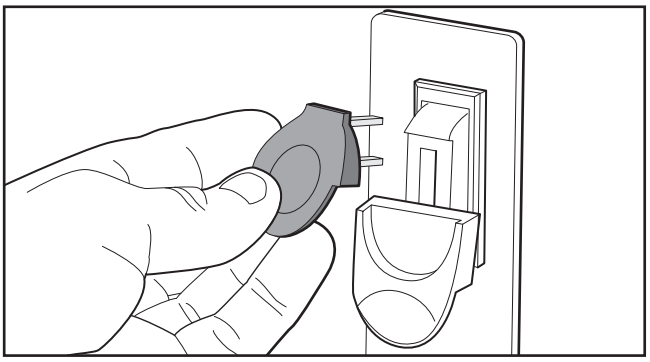


Figure 42. Disabling switch by removing key.

⚠WARNING

Children or untrained people can be seriously injured by this machine. This risk increases with unsupervised operation. To help prevent unsupervised operation, always disable switch before leaving machine unattended. Make sure to place key in a well-hidden or secure location!

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.*

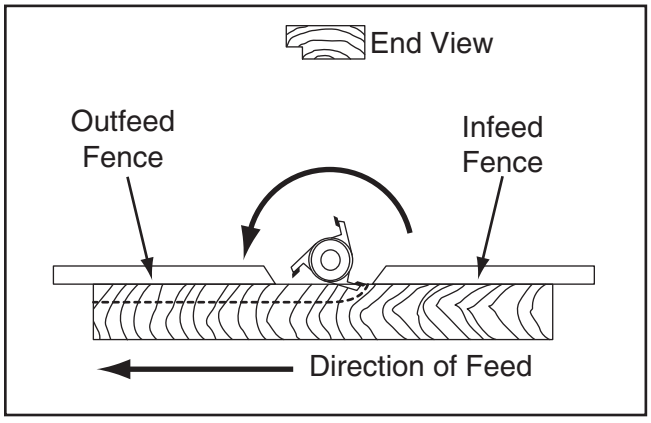


Figure 43. Proper grain alignment with the router bit.

- **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-Slots

The Model T28780 includes one 3/8" T-slot and one 3/4" T-slot (see figure below); the Model T28781 includes a 3/4" T-slot. These can be used for attaching router table accessories like a miter gauge, jig, or featherboard.

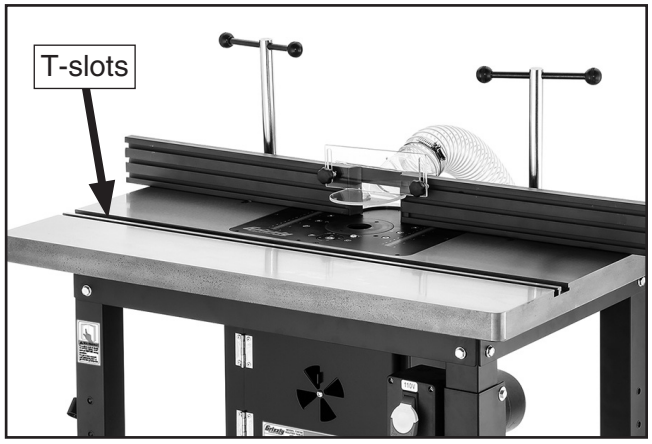


Figure 44. Location of router table T-slots on Model T28780.

Squaring Fence & Table

When using a miter gauge, it is important to make sure the fence is parallel to the table T-slot. This will help ensure that 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 45**).

⚠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.

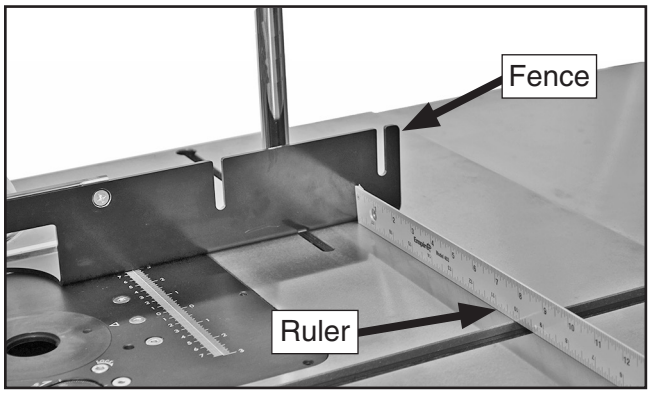


Figure 45. Adjusting fence parallel with table T-slot.

Adjusting Fence

The fence assembly on the Model T28780/T28781 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. The infeed/outfeed fences are secured to the fence base with T-bolts and steel knobs (see **Figure 46**). Use these knobs to loosen or tighten the infeed/outfeed fences against the base.

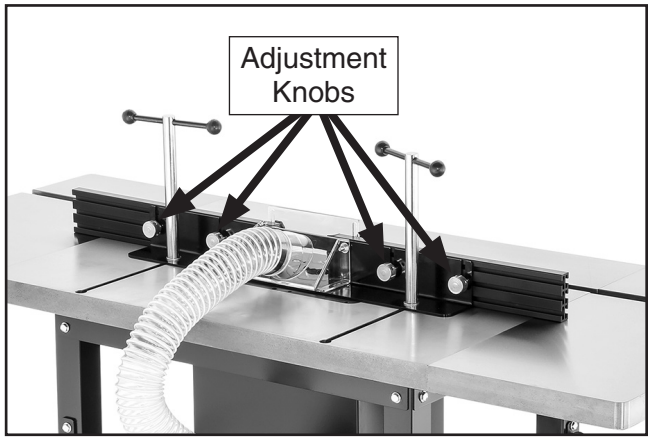


Figure 46. Location of fence adjustment knobs.

Adjusting Router Bit Guard

A clear router bit guard is included with the Model T28780/T28781 (see **Figure 47**) to provide additional safety during router operations. It secures to the fence base with two knobs and T-bolts. It adjusts up-and-down and side-to-side to accommodate various router operations.

The router bit guard should be positioned vertically about 1/8" above the workpiece, and horizontally it should be centered on the gap between the infeed and outfeed fences.

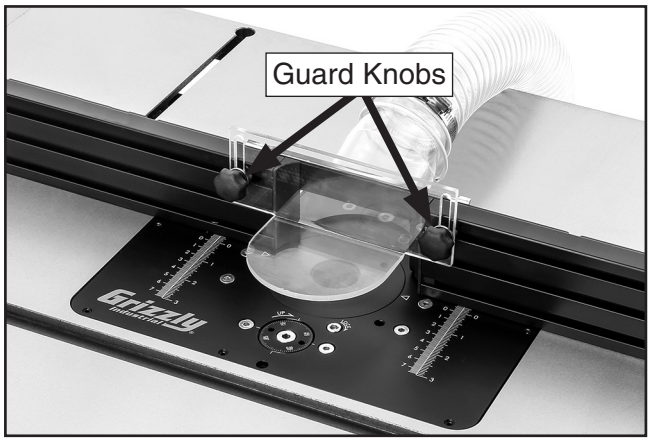


Figure 47. Location of router bit guard adjustment knobs.

Adjusting Router Height

The Model T28780/T28781 is equipped with a manually operated router lift that can be adjusted via the index ring in the mounting plate.

To adjust router height:

1. DISCONNECT MACHINE FROM POWER!

2. Insert crank handle into index ring (see **Figure 48**) on mounting plate.

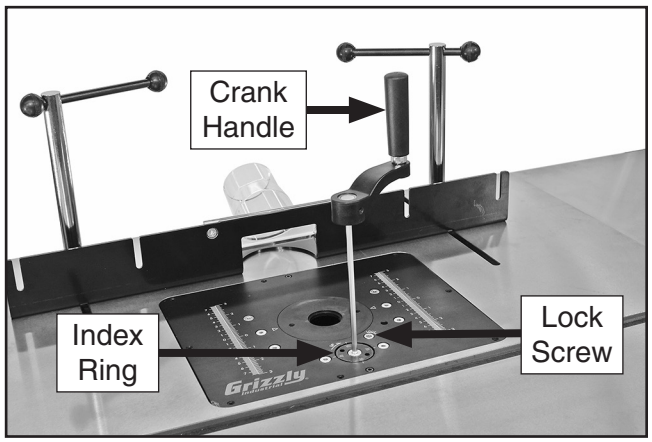


Figure 48. Lift crank handle installed in table.

3. Turn handle clockwise to raise router; turn handle counterclockwise to lower router.

   Note: *One full rotation moves lift 0.05".*

4. Secure height setting by turning lock screw (see **Figure 48**) clockwise until it engages rocker arm beneath mounting plate. Ensure lock screw is snug, but do not overtighten.

5. Underneath mounting plate, tighten lock screw jam nut (see **Figure 49**) against plate to secure position.

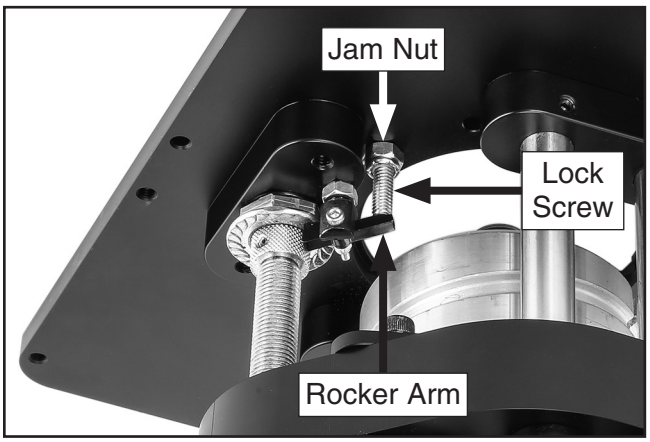


Figure 49. Location of lock screw components.

Using Table Insert

The Model T28780/T28781 comes with a 1¼" table insert (see **Figure 50**) that snaps into the center of the mounting plate and provides additional safety and control near the router bit during router operations.

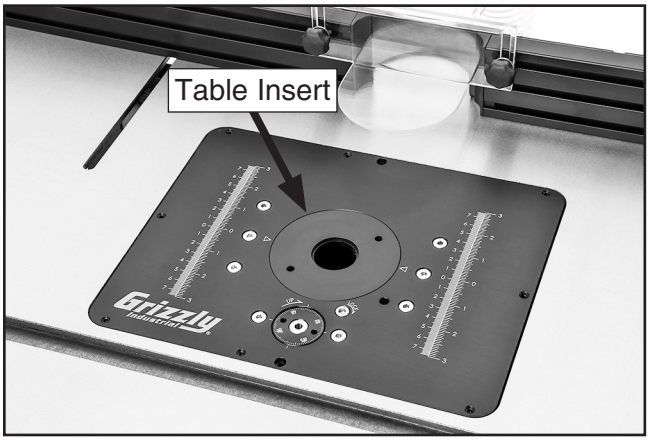


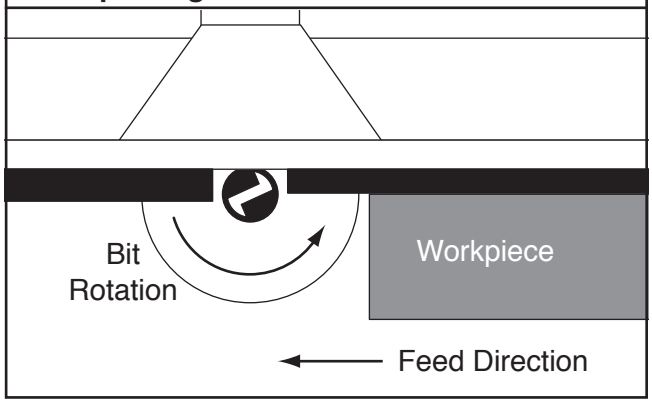
Figure 50. Location of table insert.

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.

⚠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 MACHINE FROM POWER!
2. Secure straight-cutting bit in router according to manufacturer's instructions.
3. Install table insert.
4. Insert spacer (not included with machine) between outfeed fence and fence base. The width of the spacer will determine the amount of material removed with each pass.

   IMPORTANT: To reduce the risk of kickback, DO NOT take more than 1/16" off during any 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, then adjust fence base so straightedge is also against bit flute (see **Figure 51**).

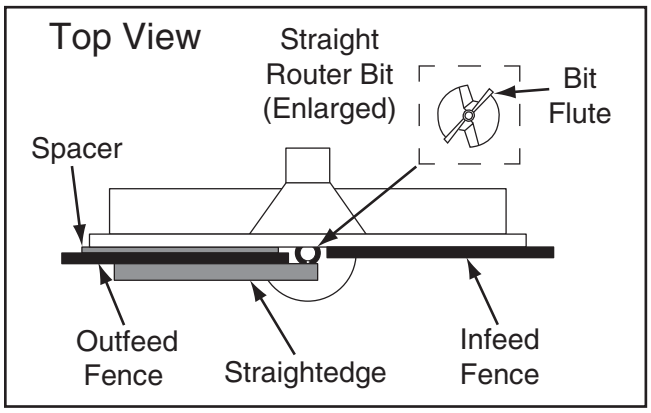


Figure 51. Example of fence set up for edge jointing.

7. Make sure fence is square with table T-slot (see **Squaring Fence & Table** on **Page 31**), lock fence base in place, and tighten all knobs.
8. Connect router table to power, then perform cut (see **Figure 52**).

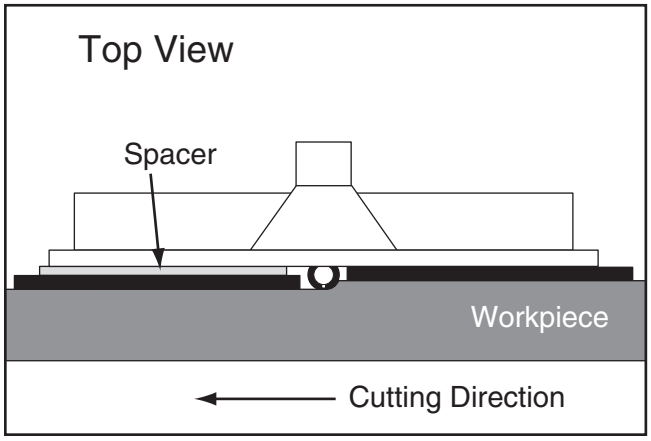


Figure 52. Example of edge jointing operation.

⚠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

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 53**).

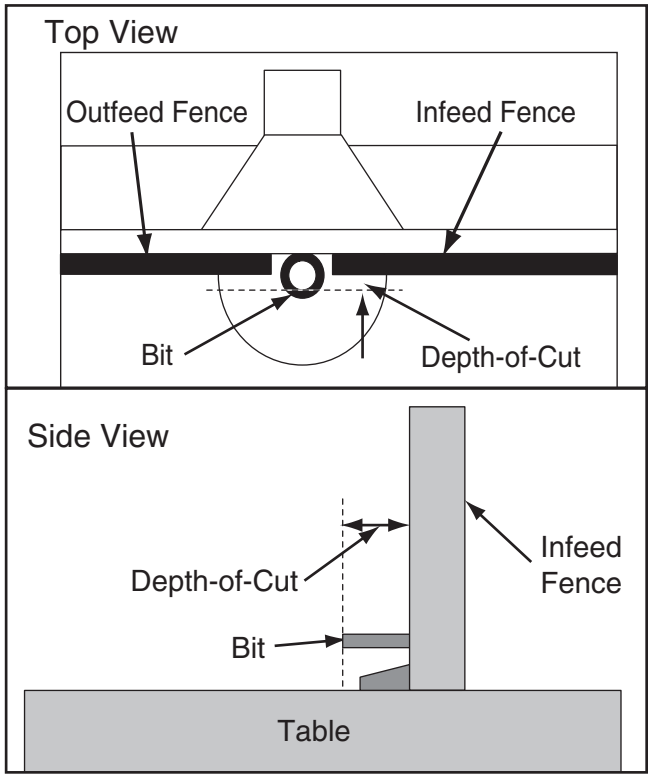


Figure 53. Groove cutting setup.

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 table 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 MACHINE 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 54**.

   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 54**) to secure new fence and router bit guard to base.

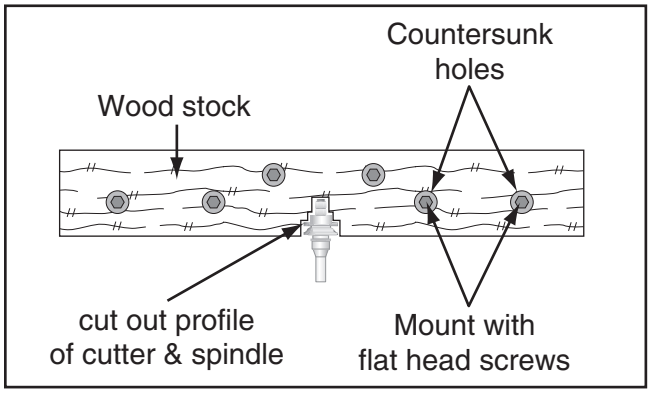


Figure 54. Example of a zero-clearance fence board.

⚠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.

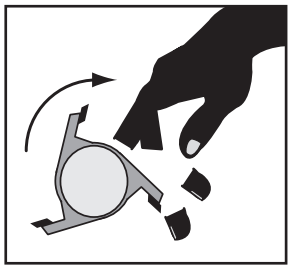
6. Secure zero-clearance fence board and router bit guard to fence base, then make sure fence is parallel with table T-slot (see **Squaring Fence & Table** on **Page 31**).

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 or a block (see **Figures 55**–**56** for examples). 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.

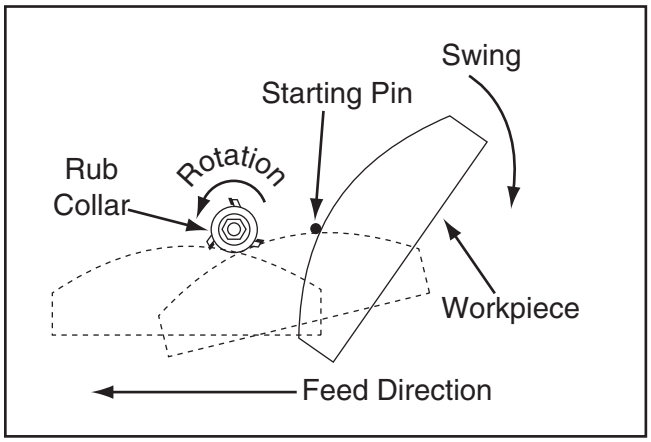


Figure 55. Illustration of free-hand routing using a starting pin.

⚠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 MACHINE FROM POWER!

2. Fabricate a jig to use with workpiece that matches desired finished shape, then attach it to workpiece (see **Figure 56**).

   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.*

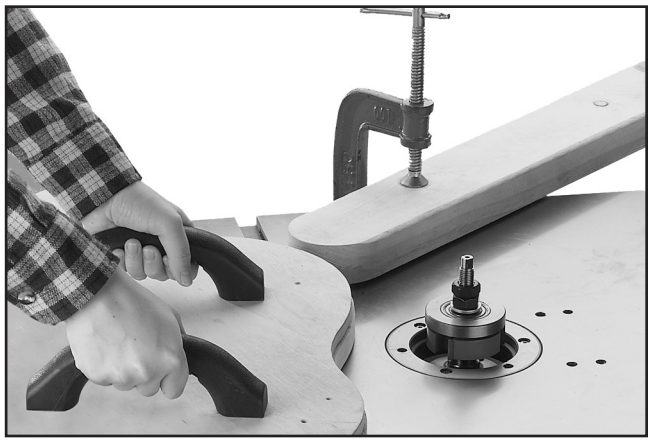


Figure 56. Example of using a jig with a starting block.

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 (see **Figure 57**) or clamp a starting block to table (see **Figure 56**).

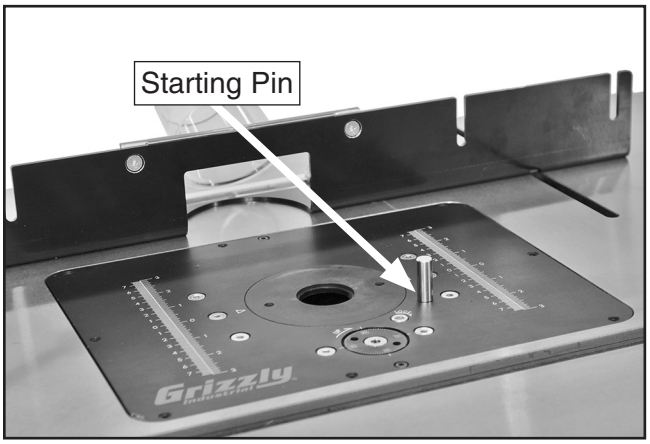


Figure 57. Router table set up with starting pin for free-hand routing.

6. Install a router bit with bearing guide as directed by router manufacturer's instructions, then raise it to desired height (see **Figure 58**).

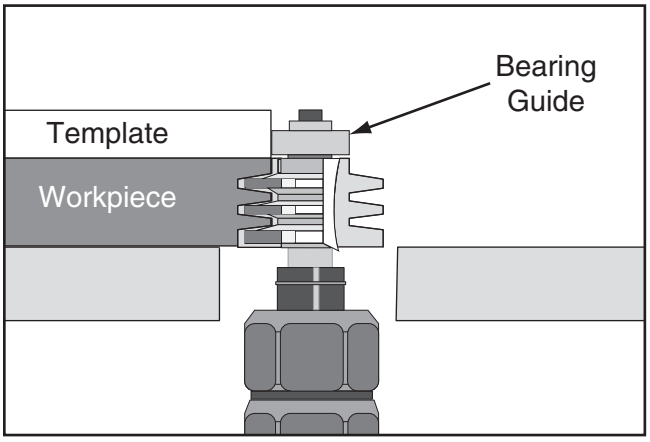


Figure 58. Using a template and bearing guide for free-hand routing.

7. Rest workpiece against starting pin, 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.

SECTION 5: ACCESSORIES

⚠WARNING

Installing unapproved accessories may cause machine to malfunction, resulting in serious personal injury or machine damage. To reduce this risk, only install accessories recommended for this machine by Grizzly.

NOTICE

Refer to our website or latest catalog for additional recommended accessories.

H5555—20 Pc. Carbide ½" Router Bit Set
This is an excellent combination of micro grain, carbide-tipped router bits in one set. This 20-piece ¼" shank comes in a wooden box and includes the following bits: 5/32" & ¼" Roman ogee, ¼", ½" & ¾" straight 45-degree chamfer, ¼" & ½" roundover, ⅜" rabbeting, ⅜" & ½" dovetail, ¼" & ½" cove, ½" & ⅜" core box, ½" flush trim, ¼" combination panel bit, ½" 90-deg. V-groove, ⅜" & ½" beading.

Figure 59. Model H5555 20-Pc. ½" shank router bit set.

Basic Eye Protection

T20501—Face Shield Crown Protector 4"
T20502—Face Shield Crown Protector 7"
T20503—Face Shield Window
T20451—"Kirova" Clear Safety Glasses
T20452—"Kirova" Anti-Reflective S. Glasses
T20456—DAKURA Safety Glasses, Black/Clear

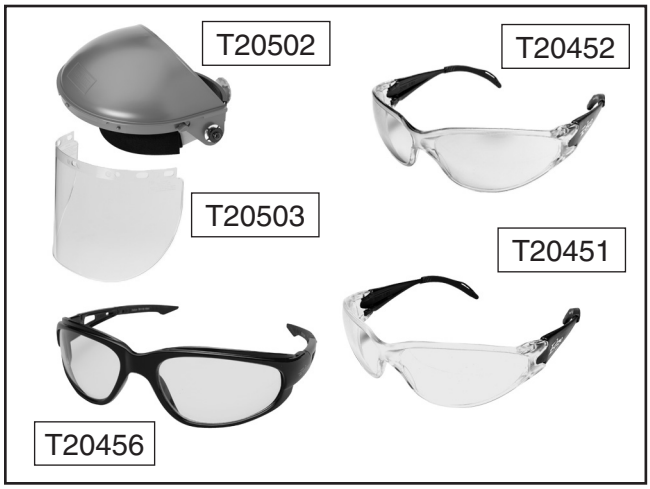


Figure 60. Assortment of basic eye protection.

T21778—The Router: A Beginner's Guide DVD
The router is the heart of any woodworking shop, and for new woodworkers learning to use this indispensable tool, this DVD is your ticket to a solid foundation of routing skills. Topics include basic operation techniques, router safety, holding a workpiece, and a handful of projects for the home.

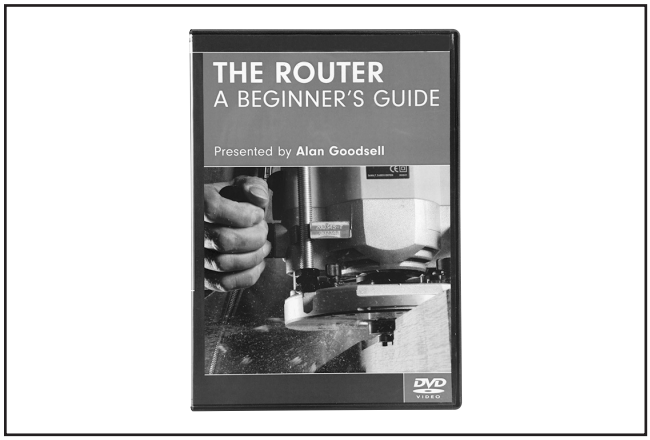
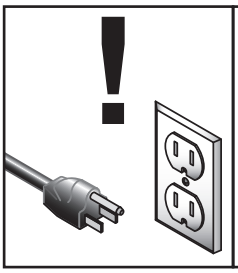


Figure 61. Model T21778 The Router: A Beginner's Guide DVD.

SECTION 6: 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 machine, this maintenance schedule must be strictly followed.

Ongoing
To minimize your risk of injury and maintain proper machine operation, shut down the machine immediately if you ever observe any of the items below, and fix the problem before continuing operations:

- Loose router clamping plates.
- Loose mounting plate fasteners.
- Loose stand and table fasteners.
- Worn or damaged cords/plugs.
- Any other unsafe condition.

Weekly Check
- Clean/vacuum dust buildup from inside dust box and off of router.

Cleaning & Protecting

Cleaning the Model T28780/T28781 is relatively easy. Vacuum excess 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.

Protect the unpainted cast iron table by wiping it clean after every use—this ensures moisture from wood dust does not remain on bare metal surfaces. Keep the table rust-free with regular applications of products like G96® Gun Treatment, SLIPIT®, or Boeshield® T-9.

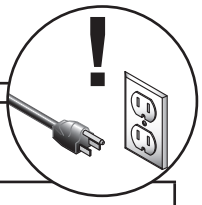
G5562—SLIPIT® 1 Qt. Gel
G5563—SLIPIT® 12 Oz. Spray
G2871—Boeshield® T-9 12 Oz. Spray
G2870—Boeshield® T-9 4 Oz. Spray
H3788—G96® Gun Treatment 12 Oz. Spray
H3789—G96® Gun Treatment 4.5 Oz. Spray

Figure 62. Recommended products for protecting unpainted cast iron/steel parts on machinery.

SECTION 7: SERVICE

Review the troubleshooting procedures in this section if a problem develops with your machine. 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 machine before calling.*

Troubleshooting



Electrical

Symptom	Possible Cause	Possible Solution
Machine does not start.	1. Switch disabling key removed. 2. Router not connected to router table switch. 3. ON/OFF switch at fault.	1. Install switch disabling key (**Page 30**). 2. Connect router to router table switch (**Page 26**). 3. Test/replace switch.

Operations

Symptom	Possible Cause	Possible Solution
Workpiece catches on mounting plate.	1. Mounting plate and table not evenly aligned.	1. Align mounting plate (**Page 41**).
Workpiece catches on infeed/outfeed fences.	1. Fence and table T-slot not squared.	1. Square fence and table T-slot (**Page 31**).
Workpiece catches on gap between infeed/outfeed fences.	1. Workpiece too small for fence.	1. Create zero-clearance fence for operation (**Page 35**).
Workpiece is burned when cut.	1. Router bit dull. 2. Feeding workpiece too slow. 3. Router bit spinning in wrong direction. 4. Depth of cut too deep.	1. Replace router bit. 2. Increase feed rate. 3. Reverse direction of router bit. 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. 2. Router bit dull.	1. Inspect workpiece moisture content; allow to dry if moisture is more than 20% (**Page 30**). 2. Replace router bit.
Chipping.	1. Knots or conflicting grain direction in wood. 2. Nicked or chipped router bit. 3. Feeding workpiece too fast. 4. Depth of cut too deep. 5. Cutting against wood grain.	1. Inspect workpiece for knots and grain direction; only use clean stock (**Page 30**). 2. Replace router bit. 3. Decrease feed rate. 4. Take a smaller depth of cut. (Always reduce cutting depth when working with hard woods.) 5. Cut with grain of wood (**Page 30**).
Divots in edge of cut.	1. Inconsistent feeding speed. 2. Inconsistent pressure against fence. 3. Fence not adjusted correctly.	1. Use consistent feed rate. 2. Apply constant pressure. 3. Adjust fence correctly (**Page 32**).

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
Open-end Wrench 12mm 1
Straightedge 48" 1

To align mounting plate:

1. DISCONNECT MACHINE FROM POWER!

2. Remove fence assembly from router table.

3. Remove (2) M4-.7 x 16 cap screws that secure mounting plate to table.

4. Lay straightedge across mounting plate, plate insert, and table surfaces in pattern shown in **Figure 63**.

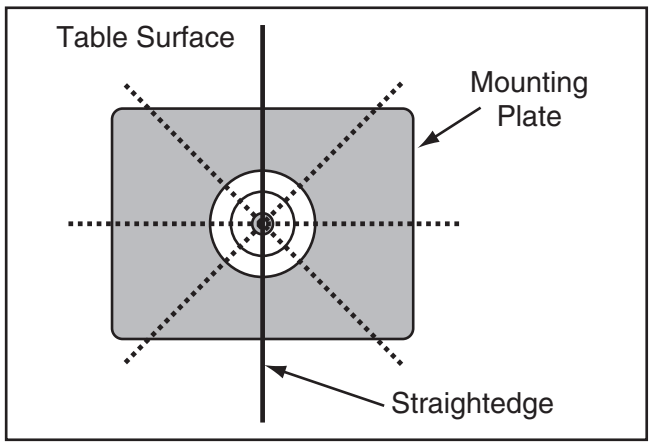


Figure 63. Pattern for aligning mounting plate to table.

5. Adjust set screws (see **Figure 64**) in mounting plate as necessary so that straightedge lies flat on table surface at all positions of pattern.

   Note: *On Model T28781, ensure that table extension wings are flush with table edges.*

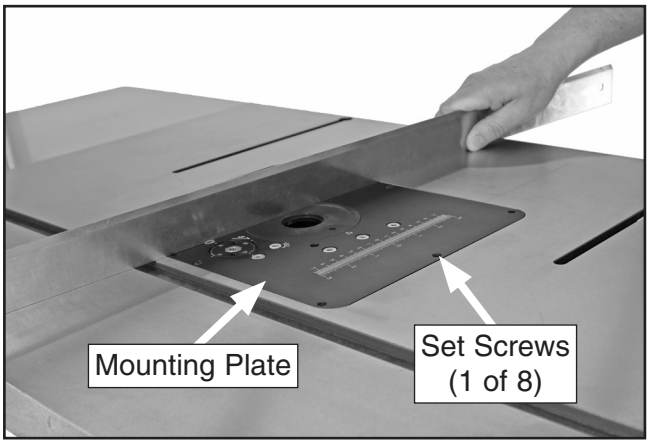


Figure 64. Example of using a straightedge to align mounting plate with table surface.

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

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

SECTION 8: WIRING

These pages are current at the time of printing. However, in the spirit of improvement, we may make changes to the electrical systems of future machines. Compare the manufacture date of your machine to the one stated in this manual, and study this section carefully.

If there are differences between your machine and what is shown in this section, call Technical Support at (570) 546-9663 for assistance BEFORE making any changes to the wiring on your machine. An updated wiring diagram may be available. **Note:** *Please gather the serial number and manufacture date of your machine before calling. This information can be found on the main machine label.*

⚠WARNING
Wiring Safety Instructions

SHOCK HAZARD. Working on wiring that is connected to a power source is extremely dangerous. Touching electrified parts will result in personal injury including but not limited to severe burns, electrocution, or death. Disconnect the power from the machine before servicing electrical components!

MODIFICATIONS. Modifying the wiring beyond what is shown in the diagram may lead to unpredictable results, including serious injury or fire. This includes the installation of unapproved aftermarket parts.

WIRE CONNECTIONS. All connections must be tight to prevent wires from loosening during machine operation. Double-check all wires disconnected or connected during any wiring task to ensure tight connections.

CIRCUIT REQUIREMENTS. You MUST follow the requirements at the beginning of this manual when connecting your machine to a power source.

WIRE/COMPONENT DAMAGE. Damaged wires or components increase the risk of serious personal injury, fire, or machine damage. If you notice that any wires or components are damaged while performing a wiring task, replace those wires or components.

MOTOR WIRING. The motor wiring shown in these diagrams is current at the time of printing but may not match your machine. If you find this to be the case, use the wiring diagram inside the motor junction box.

CAPACITORS/INVERTERS. Some capacitors and power inverters store an electrical charge for up to 10 minutes after being disconnected from the power source. To reduce the risk of being shocked, wait at least this long before working on capacitors.

EXPERIENCING DIFFICULTIES. If you are experiencing difficulties understanding the information included in this section, contact our Technical Support at (570) 546-9663.

NOTICE

The photos and diagrams included in this section are best viewed in color. You can view these pages in color at www.grizzly.com.

COLOR KEY

BLACK	Bk	BLUE	Bl	YELLOW	Yl	LIGHT BLUE	Lb
WHITE	Wt	BROWN	Br	YELLOW GREEN	Yg	BLUE WHITE	Bw
GREEN	Gn	GRAY	Gy	PURPLE	Pu		
RED	Rd	ORANGE	Or	PINK	Pk	TURQUOISE	Tu

Wiring Diagram

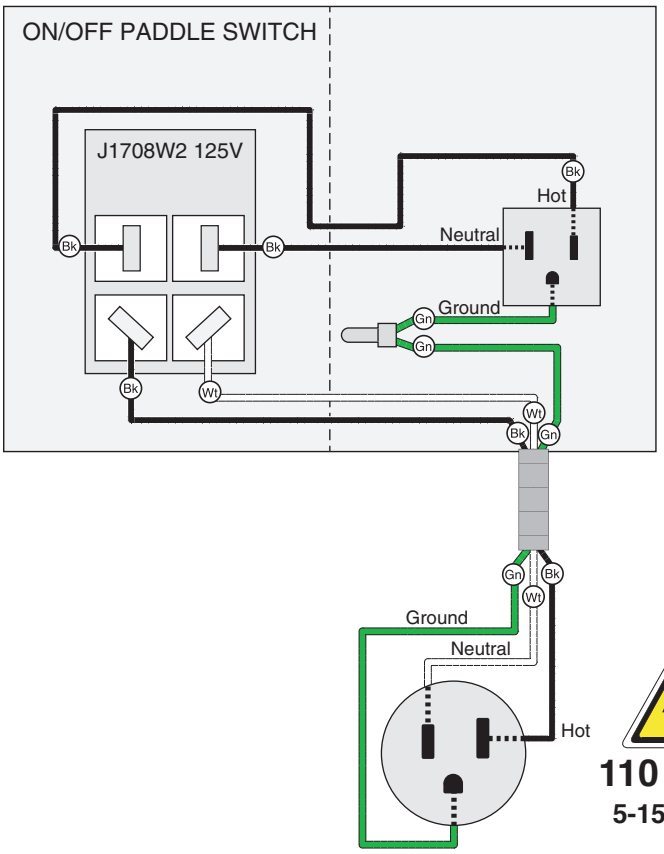


Figure 65. ON/OFF switch and 110V outlet wiring.

SECTION 9: PARTS

We do our best to stock replacement parts when possible, but we cannot guarantee that all parts shown are available for purchase. Call **(800) 523-4777** or visit **www.grizzly.com/parts** to check for availability.

Table & Stand

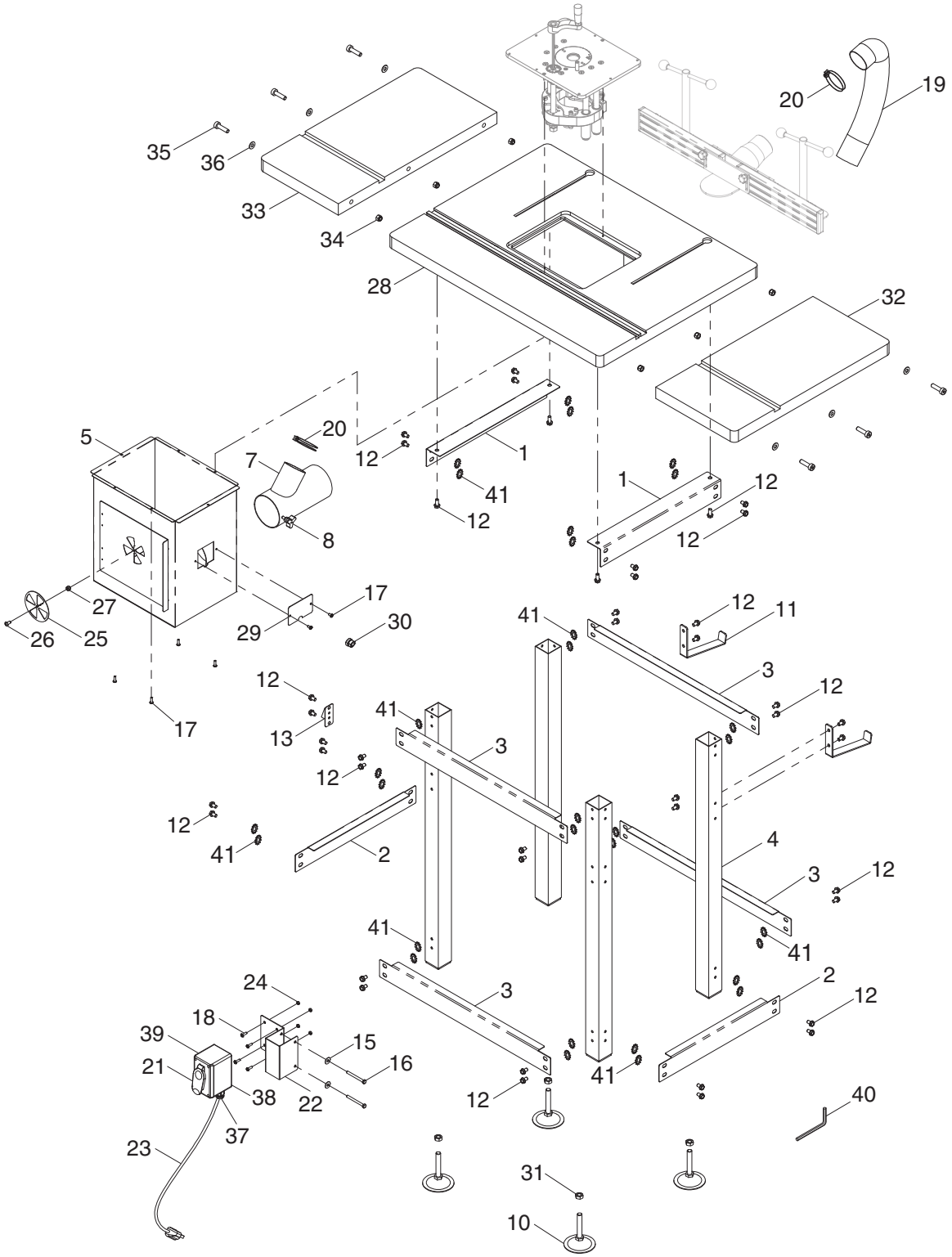
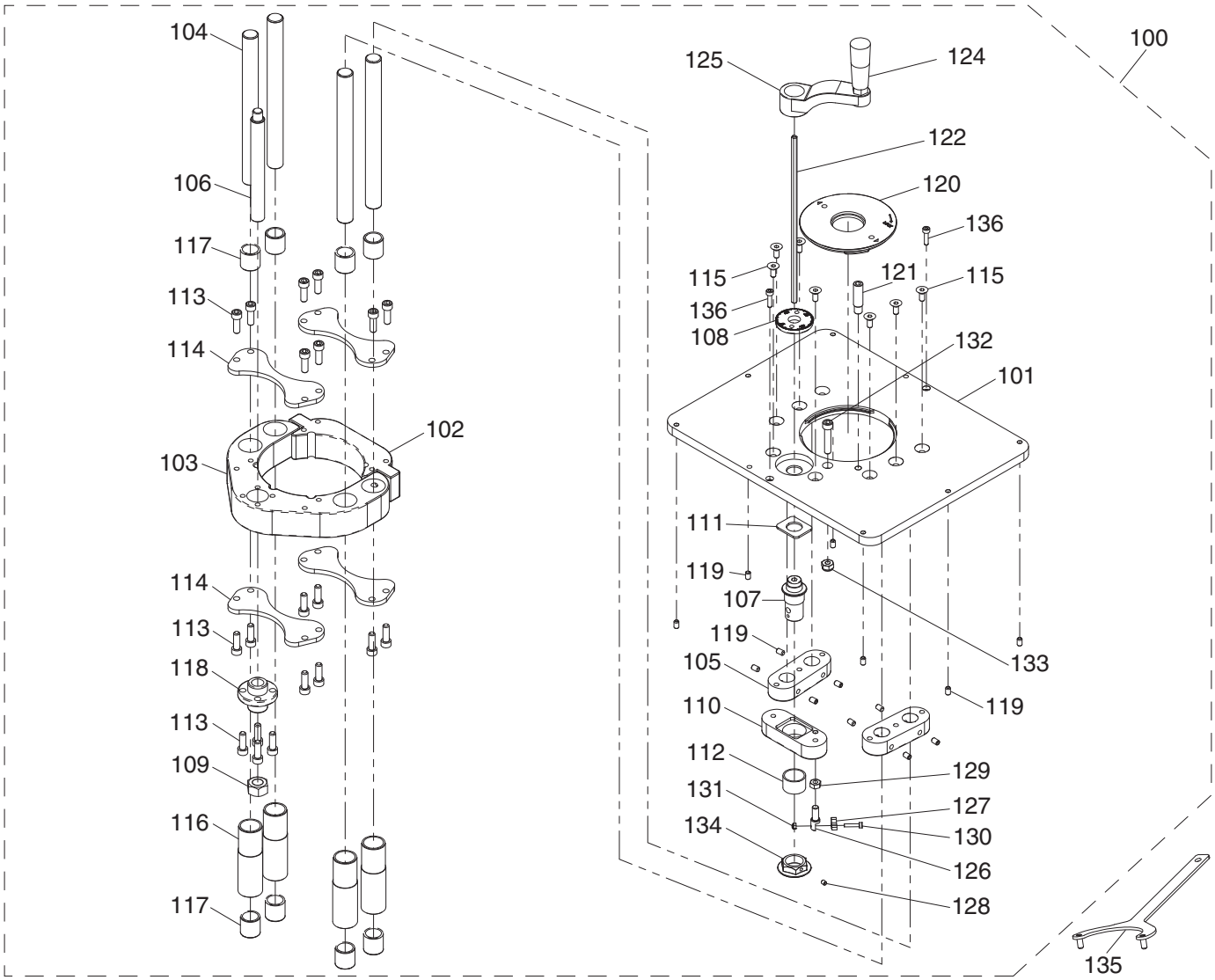


Table & Stand Parts List

REF	PART #	DESCRIPTION
1	PT28780001	SHORT BRACE (UPPER)
2	PT28780002	SHORT BRACE (LOWER)
3	PT28780003	LONG BRACE
4	PT28780004	LEG
5	PT28780005	DUST BOX
7	PT28780007	Y-FITTING 4" X 4" X 2-1/2"
8	PT28780008	KNOB BOLT 1/4-20 X 1/2, 3-LOBE, D1
10	PT28780010	ADJUSTABLE FOOT 1/2-12 X 4
11	PT28780011	FENCE STORAGE BRACKET
12	PT28780012	FLANGE BOLT 5/16-18 X 1/2
13	PT28780013	ROUTER LIFT CRANK HOLDER
15	PT28780015	FLAT WASHER 1/4
16	PT28780016	HEX BOLT 1/4-20 X 2-1/2
17	PT28780017	PHLP HD SCR 10-24 X 3/8
18	PT28780018	PHLP HD SCR 10-24 X 5/8
19	PT28780019	DUST HOSE 2-1/2" X 28"
20	PT28780020	WIRE HOSE CLAMP 2"
21	PT28780021	PADDLE SWITCH J1708W2 125VAC
22	PT28780022	SWITCH BRACKET
23	PT28780023	POWER CORD 14G 3W 72" 5-15P

REF	PART #	DESCRIPTION
24	PT28780024	LOCK NUT 10-24
25	PT28780025	DUST BOX VENT PLATE
26	PT28780026	BUTTON HD CAP SCR 1/4-20 X 1/2
27	PT28780027	LOCK NUT 1/4-20
28	PT28780028	TABLE (T28780)
28	PT28781028	TABLE (T28781)
29	PT28780029	CORD CLAMP PLATE
30	PT28780030	STRAIN RELIEF TYPE-1 1/2
31	PT28780031	HEX NUT 1/2-12
32	PT28781032	EXTENSION WING, RIGHT (T28781)
33	PT28781033	EXTENSION WING, LEFT (T28781)
34	PT28781034	LOCK NUT 3/8-16 (T28781)
35	PT28781035	CAP SCREW 3/8-16 X 1-1/2 (T28781)
36	PT28781036	FLAT WASHER 3/8 (T28781)
37	PT28780037	STRAIN RELIEF TYPE-3 M16-2
38	PT28780038	SWITCH BOX
39	PT28780039	ELECTRICAL OUTLET 15A 125V
40	PT28780040	HEX WRENCH 3MM
41	PT28780041	EXT TOOTH WASHER 5/16

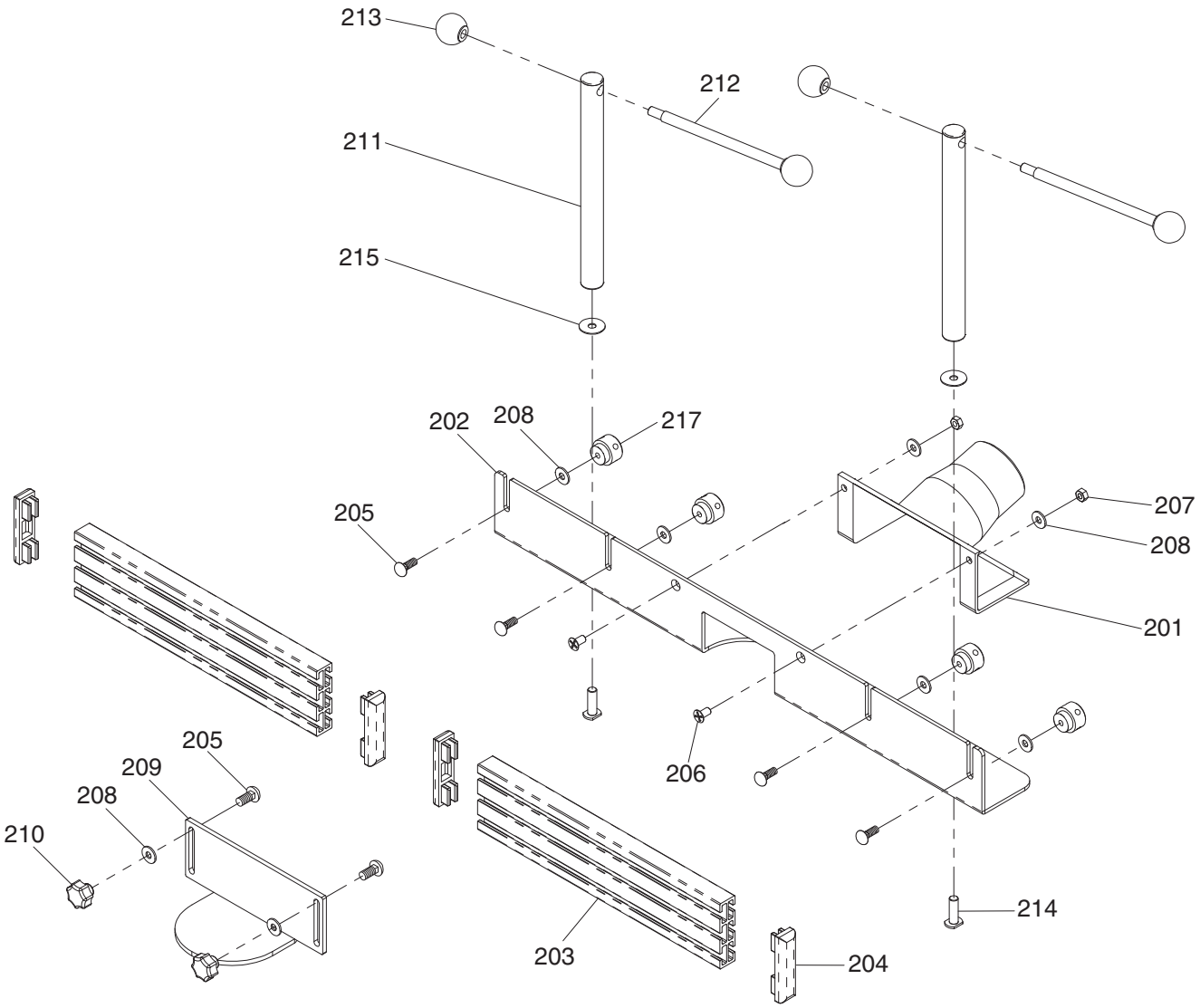
Router Lift



REF	PART #	DESCRIPTION
100	PT28780100	ROUTER LIFT ASSEMBLY
101	PT28780101	MOUNTING PLATE 11-3/4" X 9-1/4"
102	PT28780102	CLAMP BLOCK
103	PT28780103	SLIDE BLOCK
104	PT28780104	CLAMP GUIDE
105	PT28780105	CLAMP GUIDE MOUNT
106	PT28780106	LEADSCREW M14-1.5 X 135
107	PT28780107	LEADSCREW CONNECTOR
108	PT28780108	INDEX RING
109	PT28780109	HEX NUT M14-2
110	PT28780110	LEADSCREW MOUNT
111	PT28780111	COPPER PLATE
112	PT28780112	BUSHING 20 X 24 X 12 (COPPER)
113	PT28780113	CAP SCREW 1/4-20 X 3/4
114	PT28780114	ROUTER CLAMP PLATE
115	PT28780115	FLAT HD CAP SCR 1/4-20 X 1/2
116	PT28780116	GUIDE TUBE (ALUMINUM)
117	PT28780117	BUSHING 16 X 20 X 20 (COPPER)

REF	PART #	DESCRIPTION
118	PT28780118	LEADSCREW PILOT NUT M14-1.5
119	PT28780119	SET SCREW M6-1 X 6
120	PT28780120	INSERT 1-1/4"
121	PT28780121	STARTING PIN
122	PT28780122	HEX SHAFT 5 X 175
124	PT28780124	FIXED HANDLE 22 X 77, M10-1.5 X 14
125	PT28780125	CRANK M10-1.5, 95L
126	PT28780126	ROCKER ARM MOUNT 1/4-20 X 1/2
127	PT28780127	ROCKER ARM
128	PT28780128	SET SCREW M4-.7 X 5
129	PT28780129	HEX NUT 1/4-20
130	PT28780130	CAP SCREW M3-.5 X 16
131	PT28780131	LOCK NUT M3-.5
132	PT28780132	CAP SCREW 1/4-20 X 1-1/4
133	PT28780133	LOCK NUT 1/4-20
134	PT28780134	BRAKE DISC
135	PT28780135	SPANNER WRENCH 70MM PIN-TYPE
136	PT28780136	CAP SCREW M4-.7 X 16

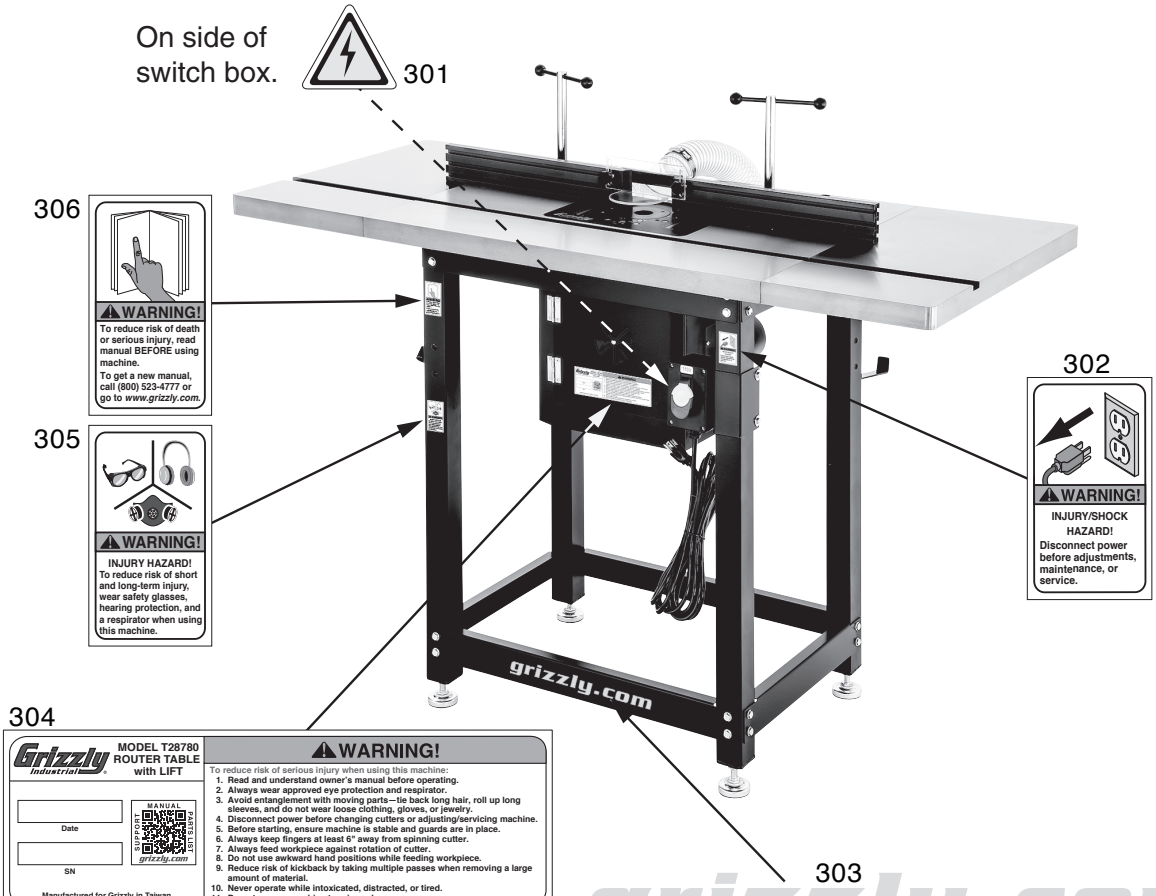
Fence



REF	PART #	DESCRIPTION
201	PT28780201	DUST SHROUD 2-1/2"
202	PT28780202	FENCE BASE
203	PT28780203	FENCE BOARD
204	PT28780204	END CAP (PLASTIC)
205	PT28780205	CARRIAGE BOLT 1/4-20 X 3/4
206	PT28780206	FLAT HD SCR 1/4-20 X 5/8
207	PT28780207	HEX NUT 1/4-20
208	PT28780208	FLAT WASHER 1/4

REF	PART #	DESCRIPTION
209	PT28780209	ROUTER BIT GUARD
210	PT28780210	KNOB 1/4-20, 7-LOBE, D1
211	PT28780211	FENCE LOCK SHAFT 5/16-18 X 8-1/2
212	PT28780212	STUD-DE 5/16-18 X 1/2, 6-1/4
213	PT28780213	KNOB 5/16-18, D1, BALL
214	PT28780214	T-BOLT 5/16-18 X 1
215	PT28780215	FLAT WASHER 5/16
217	PT28780217	KNOB 1/4-20, D1, ROUND, KD

Labels & Cosmetics



REF	PART #	DESCRIPTION
301	PT28780301	ELECTRICITY LABEL
302	PT28780302	DISCONNECT POWER LABEL
303	PT28780303	GRIZZLY.COM LABEL
304	PT28780304	MACHINE ID LABEL (T28780)

REF	PART #	DESCRIPTION
304	PT28781304	MACHINE ID LABEL (T28781)
305	PT28780305	EYE EAR LUNG LABEL
306	PT28780306	READ MANUAL LABEL

⚠WARNING

Safety labels help reduce the risk of serious injury caused by machine hazards. If any label comes off or becomes unreadable, the owner of this machine MUST replace it in the original location before resuming operations. For replacements, contact (800) 523-4777 or www.grizzly.com.

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.

To take advantage of this warranty, you must register it at **https://www.grizzly.com/secureforms/warranty-card**, or you can scan the QR code below to be automatically directed to our warranty registration page. Enter all applicable information for the product.

WARRANTY

grizzly.com