Owner's Manual & Safety Instructions

Save This Manual Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures. Write the product's serial number in the back of the manual near the assembly diagram (or month and year of purchase if product has no number). Keep this manual and the receipt in a safe and dry place for future reference. 24I

22128A-B

Bauer™

BENCHTOP ROUTER TABLE



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Email our technical support at: productsupport@harborfreight.com

70772

When unpacking, make sure that the product is intact and undamaged. If any parts are missing or broken, please call 1-800-444-3353 as soon as possible.

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Diagrams within this manual may not be drawn proportionally. Due to continuing improvements, actual product may differ slightly from the product described herein. Tools required for assembly and service may not be included.

⚠WARNING

Read this material before using this product. Failure to do so can result in serious injury. SAVE THIS MANUAL.

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WARNING SYMBOLS AND DEFINITIONS	
⚠	This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.
⚠ DANGER	Indicates a hazardous situation which, if not avoided, will result in death or serious injury.
⚠ WARNING	Indicates a hazardous situation which, if not avoided, could result in death or serious injury.
⚠ CAUTION	Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.
NOTICE CAUTION	Addresses practices not related to personal injury.

IMPORTANT SAFETY INFORMATION

General Power Tool Safety Warnings

⚠ WARNING

Read all safety warnings, instructions, illustrations and specifications provided with the router.
Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1. **Work area safety**
   a. **Keep work area clean and well lit.** *Cluttered or dark areas invite accidents.*
   b. **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** *Power tools create sparks which may ignite the dust or fumes.*
   c. **Keep children and bystanders away while operating a power tool.** *Distractions can cause you to lose control.*
2. **Electrical safety**
   a. **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** *Unmodified plugs and matching outlets will reduce risk of electric shock.*
   b. **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** *There is an increased risk of electric shock if your body is earthed or grounded.*

c. **Do not expose power tools to rain or wet conditions.** *Water entering a power tool will increase the risk of electric shock.*

d. **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** *Damaged or entangled cords increase the risk of electric shock.*

e. **If operating a power tool in a damp location is unavoidable, use a ground fault circuit interrupter (GFCI) protected supply.** *Use of a GFCI reduces the risk of electric shock.*

3. **Personal safety**

a. **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** *A moment of inattention while operating power tools may result in serious personal injury.*

b. **Use personal protective equipment. Always wear eye protection.** *Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.*

c. **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** *Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents.*

d. **Remove any adjusting key or wrench before turning the power tool on.** *A wrench or a key left attached to a rotating part of the power tool may result in personal injury.*

e. **Do not overreach. Keep proper footing and balance at all times.** *This enables better control of the power tool in unexpected situations.*

f. **Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts.** *Loose clothes, jewelry or long hair can be caught in moving parts.*

g. **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** *Use of dust collection can reduce dust-related hazards.*

h. **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** *A careless action can cause severe injury within a fraction of a second.*

i. Only use safety equipment that has been approved by an appropriate standards agency. Unapproved safety equipment may not provide adequate protection. Eye protection must be ANSI-approved and breathing protection must be NIOSH-approved for the specific hazards in the work area.

j. Avoid unintentional starting. Prepare to begin work before turning on the tool.

k. Do not lay the tool down until it has come to a complete stop. Moving parts can grab the surface and pull the tool out of your control.

l. When using a handheld power tool, maintain a firm grip on the tool with both hands to resist starting torque.

m. Do not depress the spindle lock when starting or during operation.

n. Do not leave the tool unattended when it is plugged into an electrical outlet. Turn off the tool, and unplug it from its electrical outlet before leaving.

o. This product is not a toy. Keep it out of reach of children.

p. People with pacemakers should consult their physician(s) before use. Electromagnetic fields in close proximity to heart pacemaker could cause pacemaker interference or pacemaker failure. In addition, people with pacemakers should:
• Avoid operating alone.
• Do not use with Trigger locked on.
• Properly maintain and inspect to avoid electrical shock.
• Properly ground power cord.
Ground Fault Circuit Interrupter (GFCI) should also be implemented – it prevents sustained electrical shock.

q. The warnings, precautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

4. **Power tool use and care**

a. **Do not force the power tool. Use the correct power tool for your application.** *The correct power tool will do the job better and safer at the rate for which it was designed.*

b. **Do not use the power tool if the switch does not turn it on and off.** *Any power tool that cannot be controlled with the switch is dangerous and must be repaired.*

c. **Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools.** *Such preventive safety measures reduce the risk of starting the power tool accidentally.*

d. **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** *Power tools are dangerous in the hands of untrained users.*

e. **Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** *Many accidents are caused by poorly maintained power tools.*

f. **Keep cutting tools sharp and clean.** *Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.*

g. **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** *Use of the power tool for operations different from those intended could result in a hazardous situation.*

h. **Keep handles and grasping surfaces dry, clean and free from oil and grease.** *Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.*

5. **Service**

a. **Have your power tool serviced by a qualified repair person using only identical replacement parts.** *This will ensure that the safety of the power tool is maintained.*

b. Maintain labels and nameplates on the tool. These carry important safety information. If unreadable or missing, contact Harbor Freight Tools for a replacement.

6. **Safety instructions for routers**

a. **Hold the power tool by insulated gripping surfaces only, because the cutter may contact its own cord.** *Cutting a "live" wire may make exposed metal parts of the power tool " live" and could give the operator an electric shock.*

b. **Use clamps or another practical way to secure and support the workpiece to a stable platform.** *Holding the work by your hand or against the body leaves it unstable and may lead to loss of control.*

c. **DO NOTOPERATEWITH ANYGUARD DISABLED, DAMAGED, ORREMOVED.** *Moving guards must move freely and close instantly.*

d. The use of accessories or attachments not recommended by the manufacturer may result in a risk of injury to persons.

e. Remove the Safety Key after each use. Store the Safety Key separate from the tool and out of children's reach.

f. Industrial applications must follow OSHA guidelines.

g. Feed workpiece against rotation of cutter.

h. Do not use awkward hand positions.

i. Keep fingers away from revolving cutter – use fixtures when necessary.

7. **Vibration Safety**

Routers vibrate during use.
Repeated or long-term exposure to vibration may cause temporary or permanent physical injury, particularly to the hands, arms and shoulders.
To reduce the risk of vibration-related injury:

a. Anyone using vibrating tools regularly or for an extended period should first be examined by a doctor and then have regular medical check-ups to ensure medical problems are not being caused or worsened from use. Pregnant women or people who have impaired blood circulation to the hand, past hand injuries, nervous system disorders, diabetes, or Raynaud's Disease should not use this tool. If you feel any symptoms related to vibration (such as tingling, numbness, and white or blue fingers), seek medical advice as soon as possible.

b. Do not smoke during use. Nicotine reduces the blood supply to the hands and fingers, increasing the risk of vibration-related injury.

c. Wear suitable gloves to reduce the vibration effects on the user.

d. Use tools with the lowest vibration when there is a choice.

e. Include vibration-free periods each day of work.

f. Grip tool as lightly as possible (while still keeping safe control of it). Let the tool do the work.

g. To reduce vibration, maintain the tool as explained in this manual. If any abnormal vibration occurs, stop use immediately.

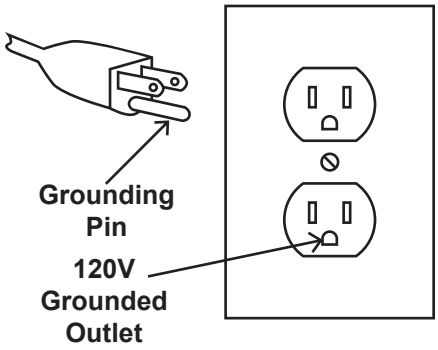
SAVE THESE INSTRUCTIONS.

⚠WARNING

TO PREVENT ELECTRIC SHOCK AND DEATH FROM INCORRECT GROUNDING WIRE CONNECTION:
Check with a qualified electrician if you are in doubt as to whether the outlet is properly grounded. Do not modify the power cord plug provided with the tool. Never remove the grounding prong from the plug. Do not use the tool if the power cord or plug is damaged. If damaged, have it repaired by a service facility before use. If the plug will not fit the outlet, have a proper outlet installed by a qualified electrician.

Grounded Tools: Tools with Three Prong Plugs

1. In the event of a malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This tool is equipped with an electric cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into a matching outlet that is properly installed and grounded in accordance with all local codes and ordinances.
2. Do not modify the plug provided. If it will not fit the outlet, have the proper outlet installed by a qualified electrician. Improper connection of the equipment-grounding conductor can result in a risk of electric shock. The conductor with insulation having an outer surface that is green with or without yellow stripes is the equipment-grounding conductor. If repair or replacement of the electric cord or plug is necessary, do not connect the equipment-grounding conductor to a live terminal.
3. Check with a qualified electrician or service personnel if the grounding instructions are not completely understood, or if in doubt as to whether the tool is properly grounded.
4. Repair or replace damaged or worn cord immediately.
5. This product is intended for use on a circuit that has an outlet that looks like the one shown in **3-Prong Plug and Outlet**. It also has a grounding pin like the one shown.



3-Prong Plug and Outlet

Extension Cords

1. ***Grounded*** tools require a three wire extension cord. ***Double Insulated*** tools can use either a two or three wire extension cord.
2. As the distance from the supply outlet increases, you must use a heavier gauge extension cord. Using extension cords with inadequately sized wire causes a serious drop in voltage, resulting in loss of power and possible tool damage. **(See Table A.)**
3. The smaller the gauge number of the wire, the greater the capacity of the cord. For example, a 14 gauge cord can carry a higher current than a 16 gauge cord. **(See Table A.)**
4. When using more than one extension cord to make up the total length, make sure each cord contains at least the minimum wire size required. **(See Table A.)**
5. If you are using one extension cord for more than one tool, add the nameplate amperes and use the sum to determine the required minimum cord size. **(See Table A.)**
6. If you are using an extension cord outdoors, make sure it is marked with the suffix "W-A" ("W" in Canada) to indicate it is acceptable for outdoor use.
7. Make sure the extension cord is properly wired and in good electrical condition. Always replace a damaged extension cord or have it repaired by a qualified electrician before using it.
8. Protect the extension cords from sharp objects, excessive heat, and damp or wet areas.

TABLE A: RECOMMENDED MINIMUM WIRE GAUGE FOR EXTENSION CORDS* (120/240 VOLT)

NAMEPLATE AMPERES (at full load)	EXTENSION CORD LENGTH				
	25´	50´	75´	100´	150´
0 – 2.0	18	18	18	18	16
2.1 – 3.4	18	18	18	16	14
3.5 – 5.0	18	18	16	14	12
5.1 – 7.0	18	16	14	12	12
7.1 – 12.0	18	14	12	10	-
12.1 – 16.0	14	12	10	-	-
16.1 – 20.0	12	10	-	-	-

*** Based on limiting the line voltage drop to five volts at 150% of the rated amperes.**

Symbology

	Double Insulated
V	Volts
~	Alternating Current
A	Amperes
n_0 xxxx/min.	No Load Revolutions per Minute (RPM)
	WARNING marking concerning Risk of Eye Injury. Wear ANSI-approved safety goggles with side shields.

	Read the manual before set-up and/or use.
	WARNING marking concerning Risk of Fire. Do not cover ventilation ducts. Keep flammable objects away.
	WARNING marking concerning Risk of Electric Shock. Properly connect power cord to appropriate outlet.
	WARNING marking concerning Risk of Hearing Loss. Wear hearing protection.
	WARNING marking concerning Risk of Respiratory Injury. Wear NIOSH-approved breathing protection rated for the hazards in your work area.

Specifications

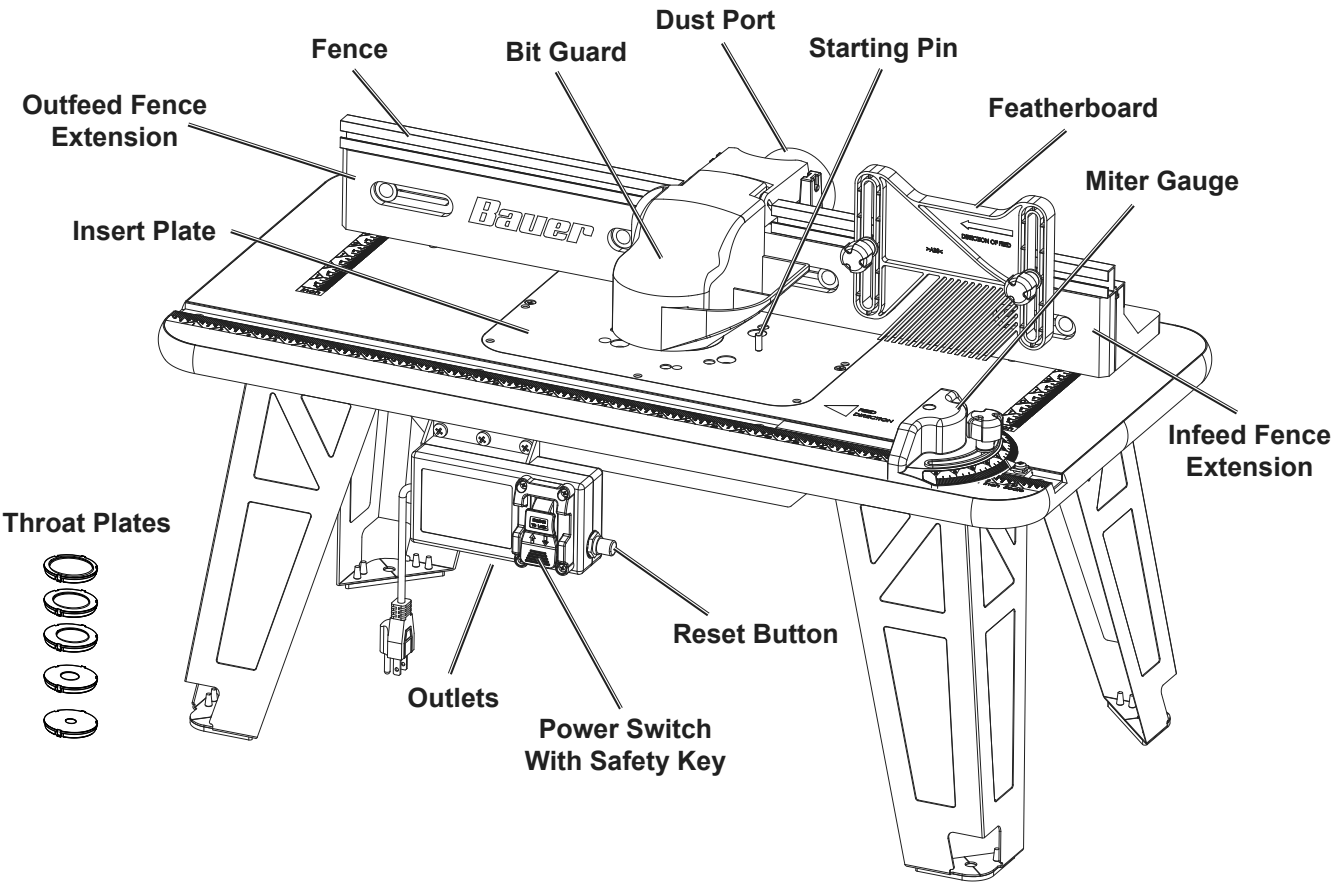
Electrical Rating	120VAC / 60Hz / 15A Max
Miter Gauge	0-60° Left and Right
Dust Port Dimensions	1-1/4″, 2-1/2″

Setup - Before Use:

Read the ENTIRE IMPORTANT SAFETY INFORMATION section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

Note: For additional information regarding the parts listed in the following pages, refer to *Parts List and Diagram* on page 22.

Functions



Fence–Adjustable guide for stabilizing workpiece.

Fence Extensions–To extend fence length for longer workpieces and jointing.

Insert Plate–For mounting a variety of routers to the table.

Throat Plate–Provides a stable surface around cutter bit and helps prevent objects from falling through.

Power Switch With Safety Key–Activates power to the router and accessories. Removing Safety Key deactivates power.

Reset Button–Protects the electrical system from electrical overload.

Miter Gauge–Allows workpiece to be routed at specific angles.

Featherboard–Device for stabilizing workpiece and aid in preventing kickback.

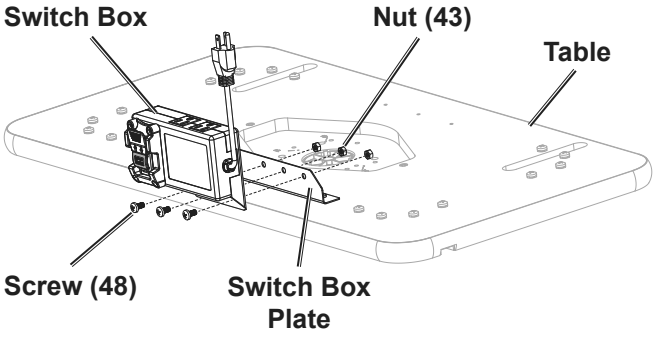
Starting Pin–A guide and/or pivot point for freehand routing.

Dust Port–Provides for a dust collection system to be attached.

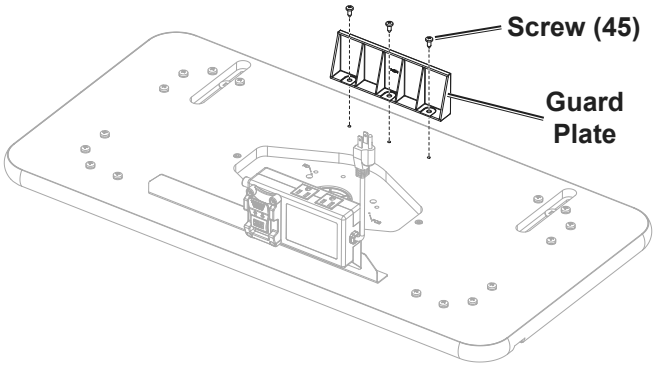
Bit Guard–Articulating guard on the Fence protecting the operator from contacting the cutting bit.Assembly

Assembling Table

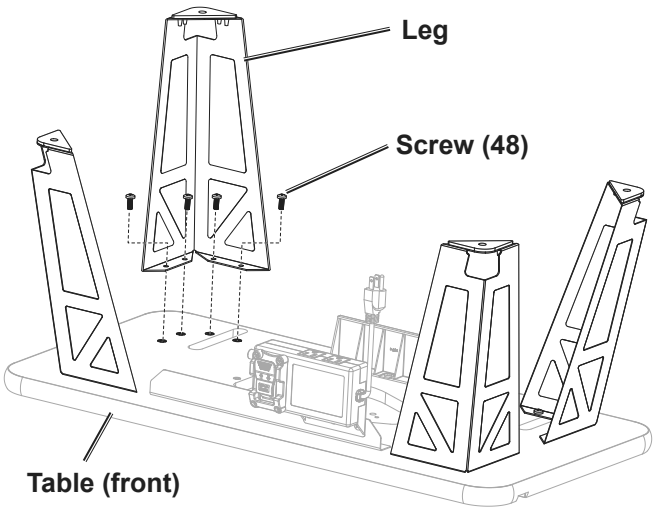
1. Place Table upside down on flat surface.
2. Attach Switch Box to Support Plate with Screws (48) and Nuts (43), tighten nuts securely.



3. Attach Guard Plate with Screws (45), tighten securely.



4. Attach Legs to Table with Screws (48), tighten securely.



5. Turn Table over and place on mounting surface capable of supporting the weight of Table, router and accessories.

Drilling Depth Adjustment Tool Hole (optional)

Router and depth adjustment tool sold separately.

Note: Determine if there is a depth adjustment tool available before drilling hole.

Pilot holes for through-table depth adjustment are provided for the following routers:

(RD) RIGID R2930/R22002

(RY) Bauer 71025, Ryobi R163K/R163GK

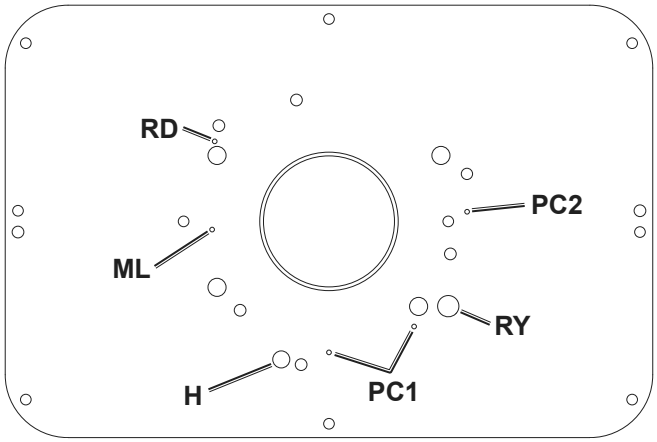
(ML) Milwaukee 5615-20/5616-20

(PC1) Porter-Cable 890 Series

(PC2) Porter-Cable 8529

(H) Hercules 57368

1. Place Insert Plate on a flat surface with bottom side facing up.
2. Locate pilot hole for router model and drill hole large enough for depth adjustment tool.

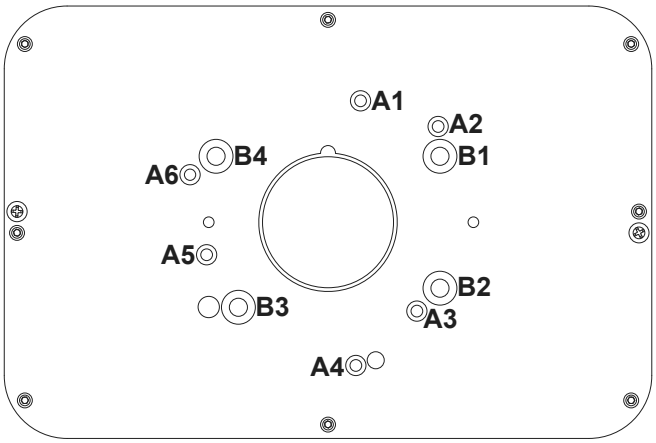


Bottom

3. Remove router's base plate.

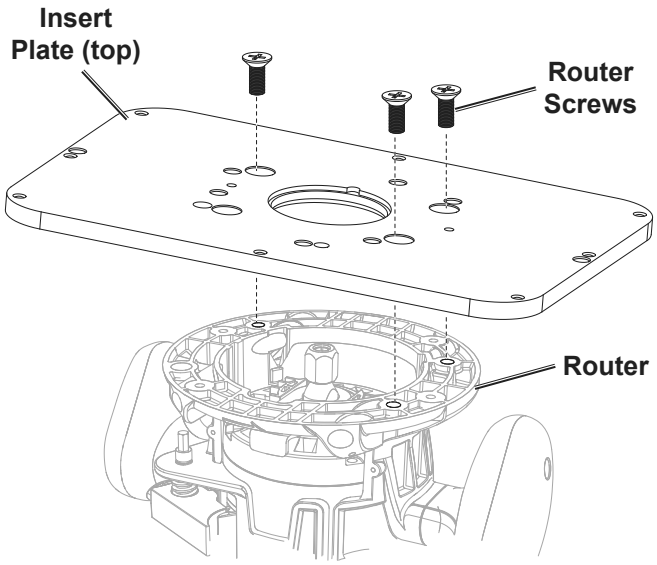
Attaching Insert Plate to Router

1. Place Insert Plate on a flat surface with top side facing up.
2. Reference *Router Mounting Chart on page 11* to determine proper base type, screw size, and mounting holes for router.



Top

3. Place Insert Plate on router, aligning holes on Plate with holes on router. Secure Plate to router with appropriate Router Screws (included).

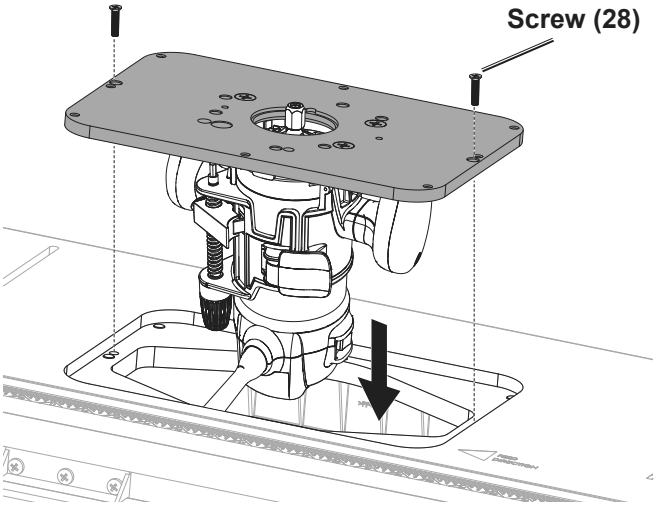


Router Mounting Chart

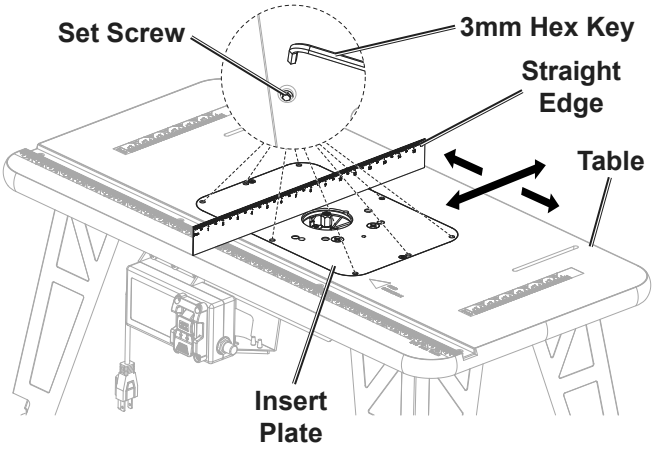
Brand	Model	Base Type	Screw Size	Insert Plate Holes
Bauer	71025	Fixed	M8 x 20	B1, B2, B3
Bosch	1617	Fixed	10-24 x 5/8″	A1, A3, A5
Bosch	1617EVS	Fixed	10-24 x 5/8″	A1, A3, A5
Bosch	1617EVSPK	Fixed	10-24 x 5/8″	A1, A3, A5
Craftsman	17504	Fixed	10-32 x 5/8″	A2, A4, A6
Craftsman	17505	Fixed	10-32 x 5/8″	A2, A4, A6
Craftsman	17506	Fixed	10-32 x 5/8″	A2, A4, A6
Craftsman	17508	Fixed	10-32 x 5/8″	A2, A4, A6
Craftsman	17510	Fixed	10-32 x 5/8″	A2, A4, A6
Craftsman	17511	Fixed	10-32 x 5/8″	A2, A4, A6
Craftsman	17515	Plunge	5/16-18 x 3/4″	B1, B2, B4
Craftsman	17517	Plunge	10-32 x 5/8″	A2, A4, A6
Craftsman	17533	Fixed	10-32 x 5/8″	A2, A4, A6
Craftsman	17533	Plunge	5/16-18 x 3/4″	B1, B2, B4
Craftsman	24833	Fixed	10-32 x 5/8″	A2, A4, A6
Craftsman	24833	Plunge	5/16-18 x 3/4″	B1, B2, B4
Craftsman	27500	Fixed	5/16-18 x 3/4″	B1, B2, B4
Craftsman	26921	Fixed	10-32 x 5/8″	A2, A4, A6
Hercules	57368	Fixed / Plunge	M5 x 22	A2, A4, A6
Hitachi	M12V	Plunge	10-32 x 5/8″	A1, A3, A5
Hitachi	KM12VC	Fixed	10-32 x 5/8″	A1, A3, A5
Makita	RF1101	Fixed	10-24 x 5/8″	A1, A3, A5
Makita	RF1101	Plunge	10-24 x 5/8″	A1, A3, A5
Makita	RF1101K	Fixed / Plunge	10-24 x 5/8″	A1, A3, A5
Milwaukee	5615-20	Fixed	10-24 x 5/8″	A1, A3, A5
Milwaukee	5616-20	Fixed	10-24 x 5/8″	A1, A3, A5
Porter Cable	693LRPK	Plunge	10-24 x 5/8″	A1, A3, A5
Porter Cable	694PK	Plunge	10-24 x 5/8″	A1, A3, A5
Porter Cable	694VK	Plunge	10-24 x 5/8″	A1, A3, A5
Porter Cable	892	Fixed	10-24 x 5/8″	A1, A3, A5
Porter Cable	893PK	Fixed	10-24 x 5/8″	A1, A3, A5
Porter Cable	7529	Plunge	10-24 x 5/8″	A1, A3, A5
Porter Cable	8529	Plunge	10-24 x 5/8″	A1, A3, A5
RIGID	R2930	Fixed / Plunge	10-32 x 5/8″	A1, A3, A5
RIGID	R22002	Fixed	10-32 x 5/8″	A1, A3, A5
Ryobi	R163GK	Fixed	5/16-18 x 3/4″	B1, B2, B4
Ryobi	R160	Fixed	5/16-18 x 3/4″	B1, B2, B4
Ryobi	R161K	Fixed	5/16-18 x 3/4″	B1, B2, B4
Ryobi	R162K	Fixed	5/16-18 x 3/4″	B1, B2, B4
Ryobi	R163K	Fixed	5/16-18 x 3/4″	B1, B2, B4
Ryobi	R165U	Fixed	5/16-18 x 3/4″	B1, B2, B4
Ryobi	R175	Plunge	5/16-18 x 3/4″	B1, B3
Ryobi	RE175	Plunge	5/16-18 x 3/4″	B1, B3
Ryobi	RE180PL / PL1 / PL1G	Plunge	5/16-18 x 3/4″	B1, B3
Skil	1810	Fixed	10-32 x 5/8″	A2, A4, A6
Skil	1825	Fixed / Plunge	10-32 x 5/8″	A2, A4, A6

Installing Router

1. Insert Router into Table. Install Screws (28), do not tighten.



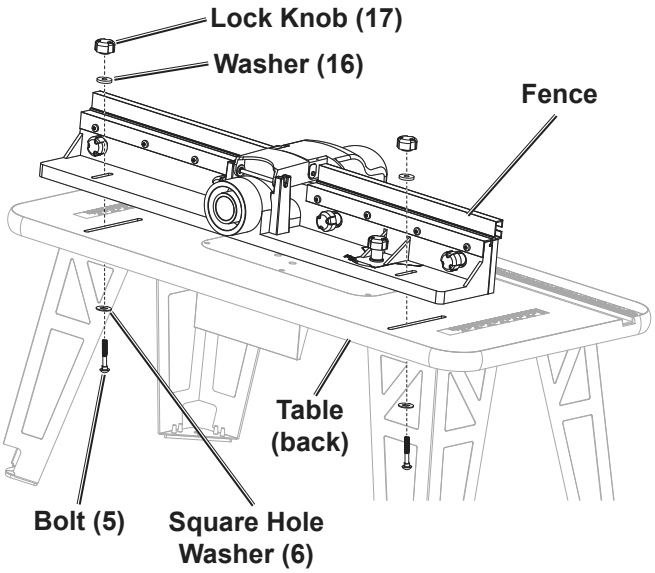
2. Using a straight edge (sold separately), level Plate flush to Table by adjusting Set Screws with the included 3mm Hex Key.



3. Tighten Screws (28) securely.

Attaching Fence

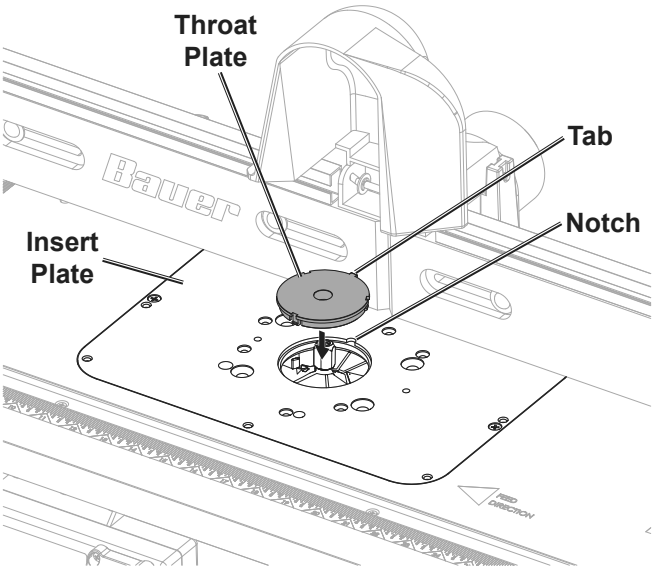
Attach Fence using Lock Knobs (17), Washers (16), Square Hole Washers (6), and Bolts (5).



Installing Throat Plate

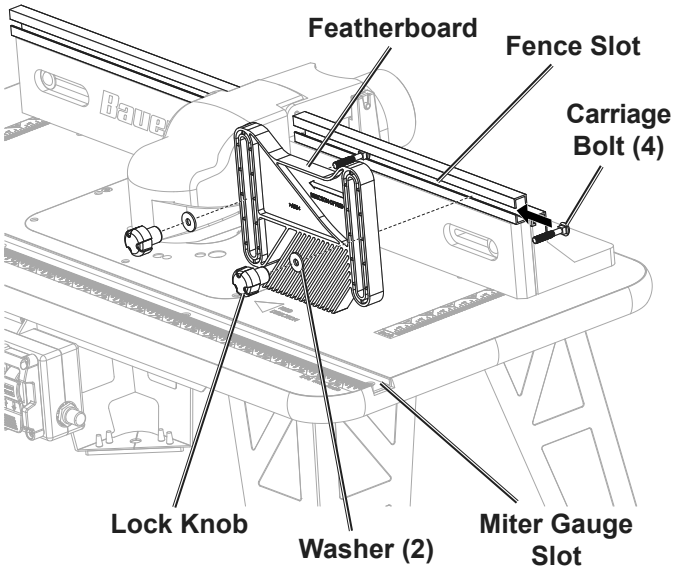
1. Select appropriate size Throat Plate. Opening should be approximately 1/4″ away from edge of cutter bit.
2. Insert Throat Plate with Tab aligning with Notch until it snaps into place.

<u>WARNING!</u> TO PREVENT SERIOUS INJURY: DO NOT USE A DAMAGED THROAT PLATE. IF THROAT PLATE BECOMES DAMAGED, IT MUST BE DISPOSED OF IMMEDIATELY.



Attaching Feartherboards

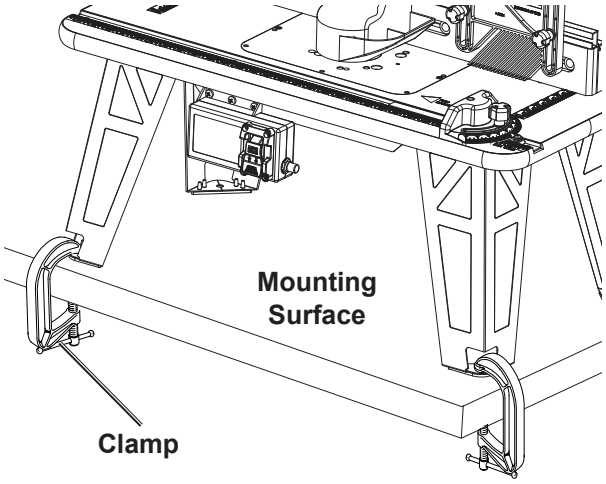
1. Attach Featherboard to Fence using Lock Knobs, Washers (2) and Carriage Bolts (4).
2. Attach second Featherboard to Miter Gauge Slot using Lock Knobs, Washers (2) and Carriage Bolts (4) to apply pressure to the workpiece against the Fence.



Mounting Table

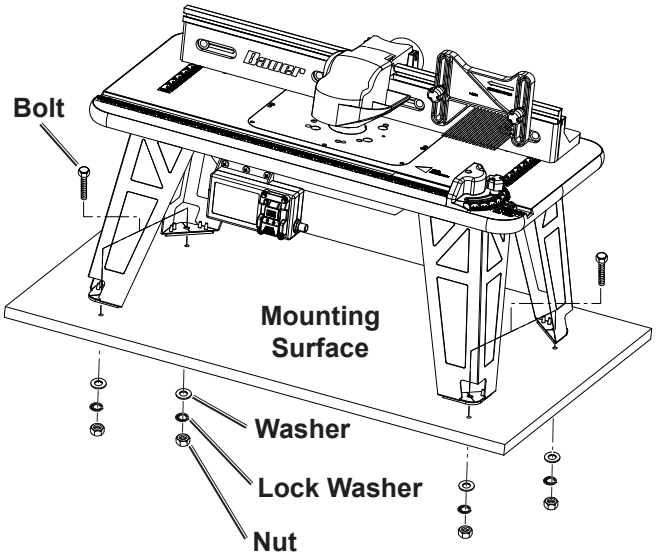
Temporary

1. Place Table onto sturdy work surface.
2. Clamp Legs onto mounting surface with appropriate clamps (sold separately).



Permanent

1. Place Table onto sturdy work surface.
2. Mark holes on bottom of Legs onto mounting surface, then remove Table.
3. Drill holes through work surface for 1/4-20 hardware (sold separately).
4. Align Legs on Table to drilled holes in work surface, and secure in place with 1/4-20 hardware.



Read the ENTIRE IMPORTANT SAFETY INFORMATION section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

⚠WARNING

TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION:
Turn the Power Switch of the table off and unplug the table from its electrical outlet before performing any procedure in this section.

TO PREVENT SERIOUS INJURY:
DO NOT OPERATE WITH ANY GUARD DISABLED, DAMAGED, OR REMOVED.
Moving guards must move freely and close instantly.

Tool Changing

Collet Installation

Install collet according to router's instruction manual.

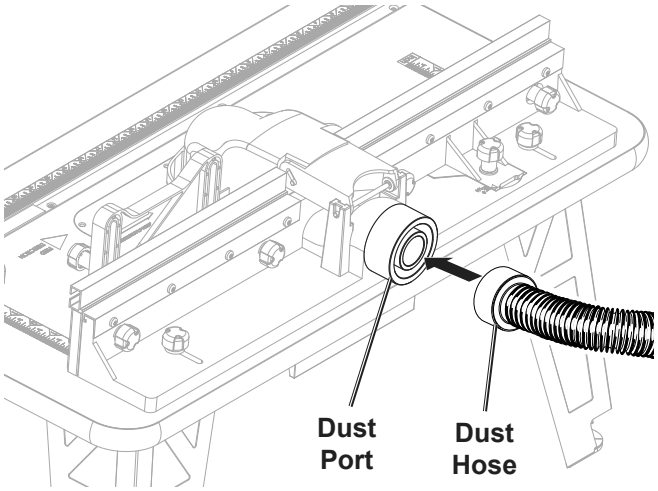
Bit Installation

WARNING! TO PREVENT SERIOUS INJURY:
Use only rotary cutting bits of the correct shank diameter for the collet mounted. Use only rotary cutting bits suitable for the speed of the router.

1. Remove Throat Plate.
2. Adjust router depth to raise collet nut above Table using depth adjustment tool if available. It may be necessary to remove router to adjust depth.
3. Loosen collet nut and insert shank end of bit. Tighten collet nut.
4. Adjust router depth to position bit at the desired height above Table.
5. Replace Throat Plate.

Dust Collection Setup

1. Connect one end of dust hose (sold separately) to Dust Port.
2. Connect other end of dust hose to a dust collection system (not included).



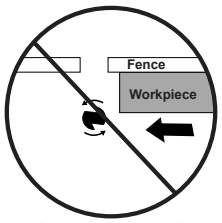
Workpiece and Work Area Set Up

1. Designate a work area that is clean and well lit. The work area must not allow access by children or pets to prevent distraction and injury.
2. Route the power cord along a safe route to reach the work area without creating a tripping hazard or exposing the power cord to possible damage. The power cord must reach the work area with enough extra length to allow free movement while working.
3. There must not be objects, such as utility lines, nearby that will present a hazard while working.

General Instructions for Use

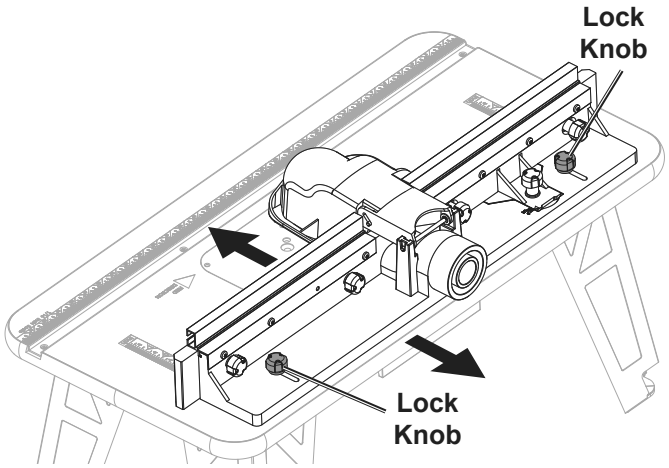
Using Fence

WARNING! TO PREVENT SERIOUS INJURY: DO NOT POSITION FENCE SO THAT WORKPIECE IS BEHIND CUTTER BIT.

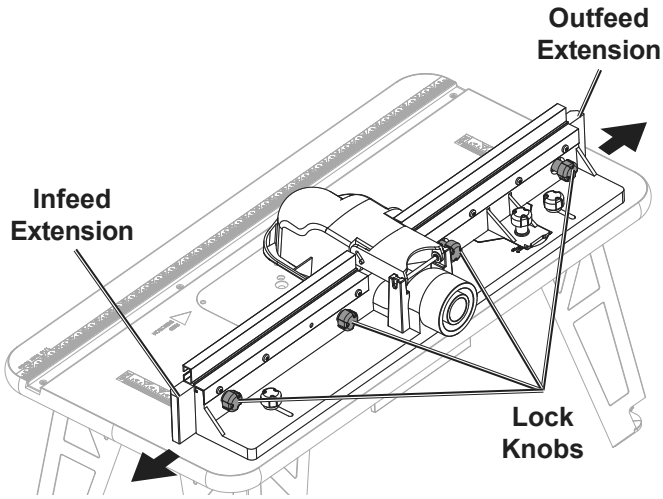


Incorrect!

1. Loosen Fence Lock Knobs and adjust Fence to desired distance from cutter bit, and to allow for bit width. Tighten Lock Knobs.

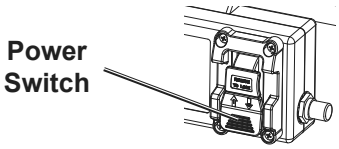


2. Loosen Extension Lock Knobs and adjust Infeed and Outfeed Extensions as needed for longer workpieces. Tighten Lock Knobs.



3. Plug Table's Power Cord into a dedicated 15A, grounded 120VAC outlet.

4. Push Power Switch down.



5. Plug router and dust collector into Outlets on bottom of Switch Box.

6. Turn router and dust collector power switches ON.

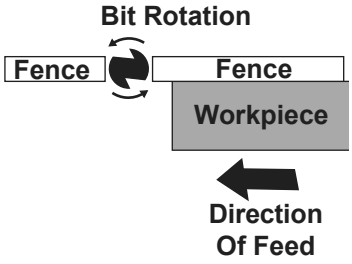
7. To turn on router and dust collection system, pull up on Power Switch.

8. Practice on scrap material before routing workpiece.

9. Loosen Lock Knobs and adjust Featherboard so workpiece can slide under it easily, but not raise up from the Table. Tighten Lock Knobs.

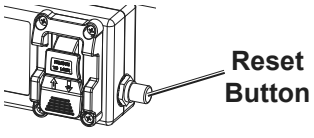
10. Select a push block (sold separately) to stabilize and push workpiece through the router bit.

11. Allow cutter bit to rotate up to full speed, **then feed workpiece with push block gradually from right (infeed) to left (outfeed) against the rotation of the bit.** Keep feed rate constant. Feeding workpiece too quickly may slow router's motor. Feeding workpiece too slowly may burn workpiece.



Note: On very hard wood or large cuts it may be necessary to make more than one pass at progressive depth settings until the desired depth of cut is made.

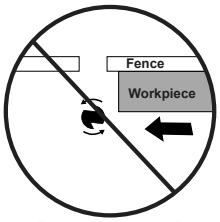
Note: If Router Table loses power, push Power Switch down. Remove workpiece. Press Reset Button, then lift Power Switch.



12. When finished, remove workpiece, push Power Switch down and remove Safety Key. Remove Table's Power Cord.

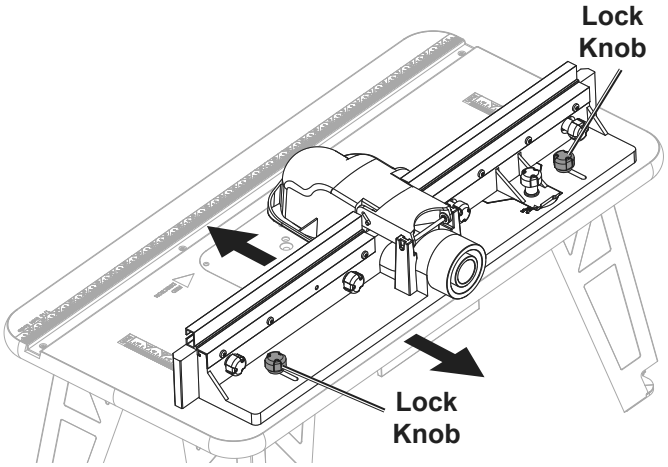
13. Clean, then store the router and Router Table in a clean, dry, safe location out of reach of children.

<u>WARNING!</u> TO PREVENT SERIOUS INJURY: DO NOT POSITION FENCE SO THAT WORKPIECE IS BEHIND CUTTER BIT.

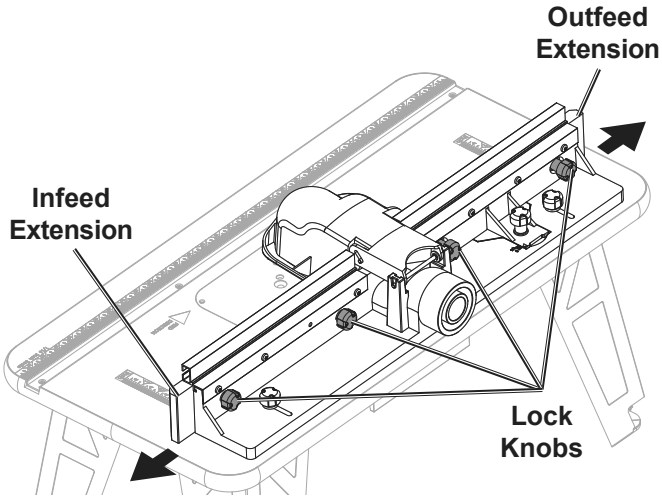


<u>Incorrect!</u>

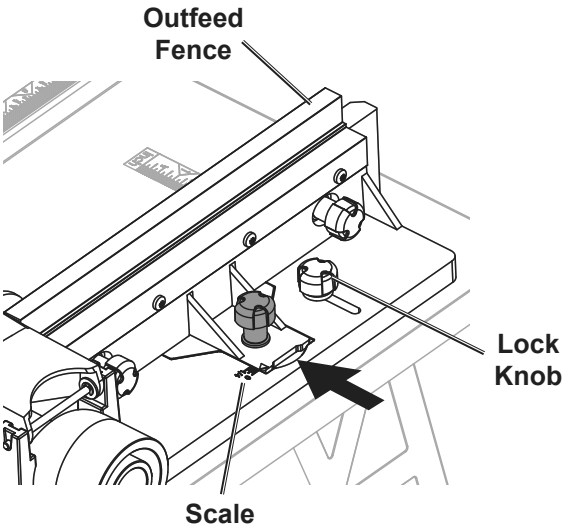
1. Loosen Fence Lock Knobs and adjust Fence to remove up to 1/4″ of material from workpiece. Tighten Lock Knobs.



2. Loosen Extension Lock Knobs and adjust Fence as needed for longer workpieces. Tighten Lock Knobs.

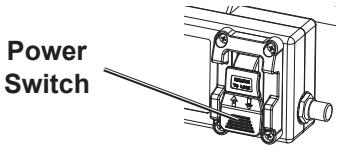


3. Loosen Lock Knob on Outfeed Fence and align Fence with outside edge of cutter bit (up to 1/4″). Tighten Lock Knob.



4. Plug Table's Power Cord into a dedicated 15A, grounded 120VAC outlet.

5. Push Power Switch down.



6. Plug router and dust collector into Outlets on bottom of Switch Box.

7. Turn router and dust collector power switches ON.

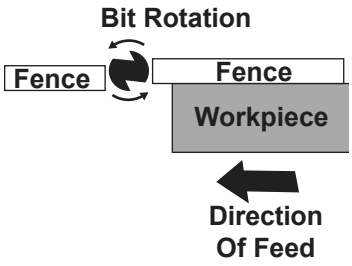
8. To turn on router and dust collection system, pull up on Power Switch.

9. Practice on scrap material before routing workpiece.

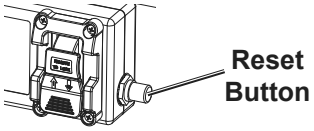
10. Loosen Lock Knobs and adjust Featherboard so workpiece can slide under it easily, but not raise up from the Table. Tighten Lock Knobs.

11. Select a push block (sold separately) to stabilize and push workpiece through the router bit.

12. Allow cutter bit to rotate up to full speed, **then feed workpiece with push block gradually from right (infeed) to left (outfeed) against the rotation of the bit.** Keep feed rate constant. Feeding workpiece too quickly may slow router's motor. Feeding workpiece too slowly may burn workpiece.



Note: If Router Table loses power, push Power Switch down. Remove workpiece. Press Reset Button, then lift Power Switch.

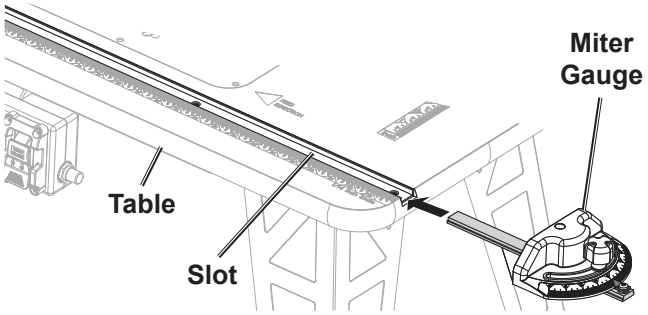


13. When finished, remove workpiece, push Power Switch down and remove Safety Key. Remove Table's Power Cord.

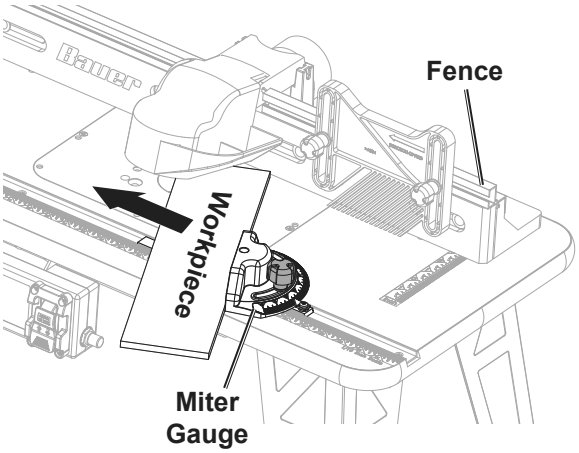
14. Clean, then store the router and Router Table in a clean, dry, safe location out of reach of children.

Using Miter Gauge

1. Insert Miter Gauge bar into the slot on table.

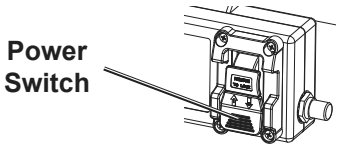


2. Remove Fence as needed. Loosen Lock Knob and adjust Miter Gauge angle. Tighten Lock Knob.



3. Plug Table's Power Cord into a dedicated 15A, grounded 120VAC outlet.

4. Push Power Switch down.



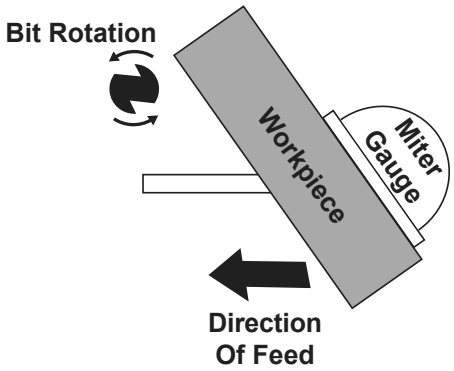
5. Plug router and dust collector into Outlets on bottom of Switch Box.

6. Turn router and dust collector power switches ON.

7. To turn on router and dust collection system, pull up on Power Switch.

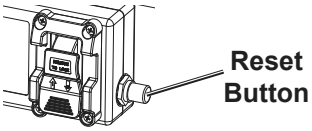
8. Practice on scrap material before routing workpiece.

9. Allow cutter bit to rotate up to full speed, **then feed workpiece with Miter Gauge gradually from right (infeed) to left (outfeed) against the rotation of the bit.** Keep feed rate constant. Feeding workpiece too quickly may slow router's motor. Feeding workpiece too slowly may burn workpiece.



Note: On very hard wood or large cuts it may be necessary to make more than one pass at progressive depth settings until the desired depth of cut is made.

Note: If Router Table loses power, push Power Switch down. Remove workpiece. Press Reset Button, then lift Power Switch.

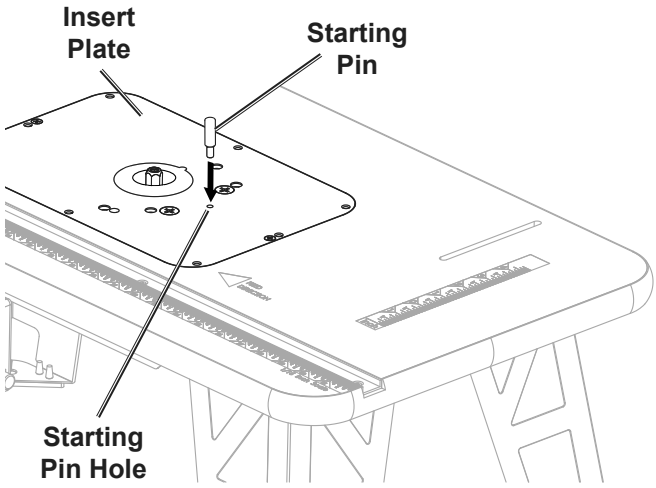


10. When finished, remove workpiece, push Power Switch down and remove Safety Key. Remove Table's Power Cord.

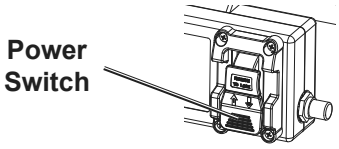
11. Clean, then store the router and Router Table in a clean, dry, safe location out of reach of children.

Freehand Routing

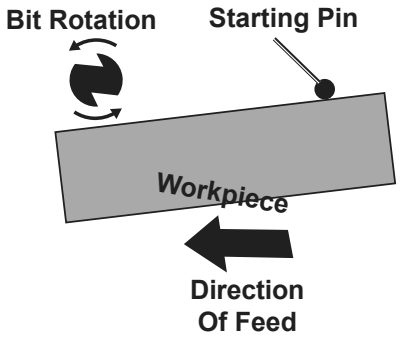
1. Remove Fence and Miter Gauge.
2. Insert Starting Pin in infeed side pin hole on Insert Plate.



3. Plug Table's Power Cord into a dedicated 15A, grounded 120VAC outlet.
4. Push Power Switch down.

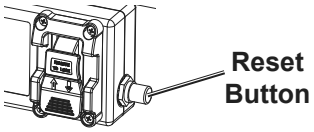


5. Plug router and dust collector into Outlets on bottom of Switch Box.
6. Turn router and dust collector power switches ON.
7. To turn on router and dust collection system, pull up on Power Switch.
8. Practice on scrap material before routing workpiece.
9. Select a push block (sold separately) to stabilize and push workpiece through the router bit.
10. Allow cutter bit to rotate up to full speed, **then with workpiece bearing against the Starting Pin, feed workpiece with push block gradually from right (infeed) to left (outfeed) against the rotation of the bit.** Keep feed rate constant. Feeding workpiece too quickly may slow router's motor. Feeding workpiece too slowly may burn workpiece.



Note: On very hard wood or large cuts it may be necessary to make more than one pass at progressive depth settings until the desired depth of cut is made.

Note: If Router Table loses power, push Power Switch down. Remove workpiece. Press Reset Button, then lift Power Switch.



11. When finished, remove workpiece, push Power Switch down and remove Safety Key. Remove Table's Power Cord.
12. Clean, then store the router and Router Table in a clean, dry, safe location out of reach of children.

Procedures not specifically explained in this manual must be performed only by a qualified technician.

⚠WARNING

TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION:
Make sure that the Trigger is in the off-position and unplug the tool from its electrical outlet before performing any procedure in this section.

TO PREVENT SERIOUS INJURY FROM TOOL FAILURE:
Do not use damaged equipment. If abnormal noise or vibration occurs, have the problem corrected before further use.

Cleaning, Maintenance, and Lubrication

1. **BEFORE EACH USE,** inspect the general condition of the tool. Check for:
   - loose hardware,
   - misalignment or binding of moving parts,
   - damaged cord/electrical wiring,
   - cracked or broken parts, and
   - any other condition that may affect its safe operation.
2. **AFTER USE,** wipe external surfaces of the router and Table with clean cloth.
3. **⚠WARNING! TO PREVENT SERIOUS INJURY: If the supply cord of the Table is damaged, it must be replaced only by a qualified service technician.**

PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST AND ASSEMBLY DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT, OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS, AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

Record Product's Serial Number Here:_____

Note: If product has no serial number, record month and year of purchase instead.

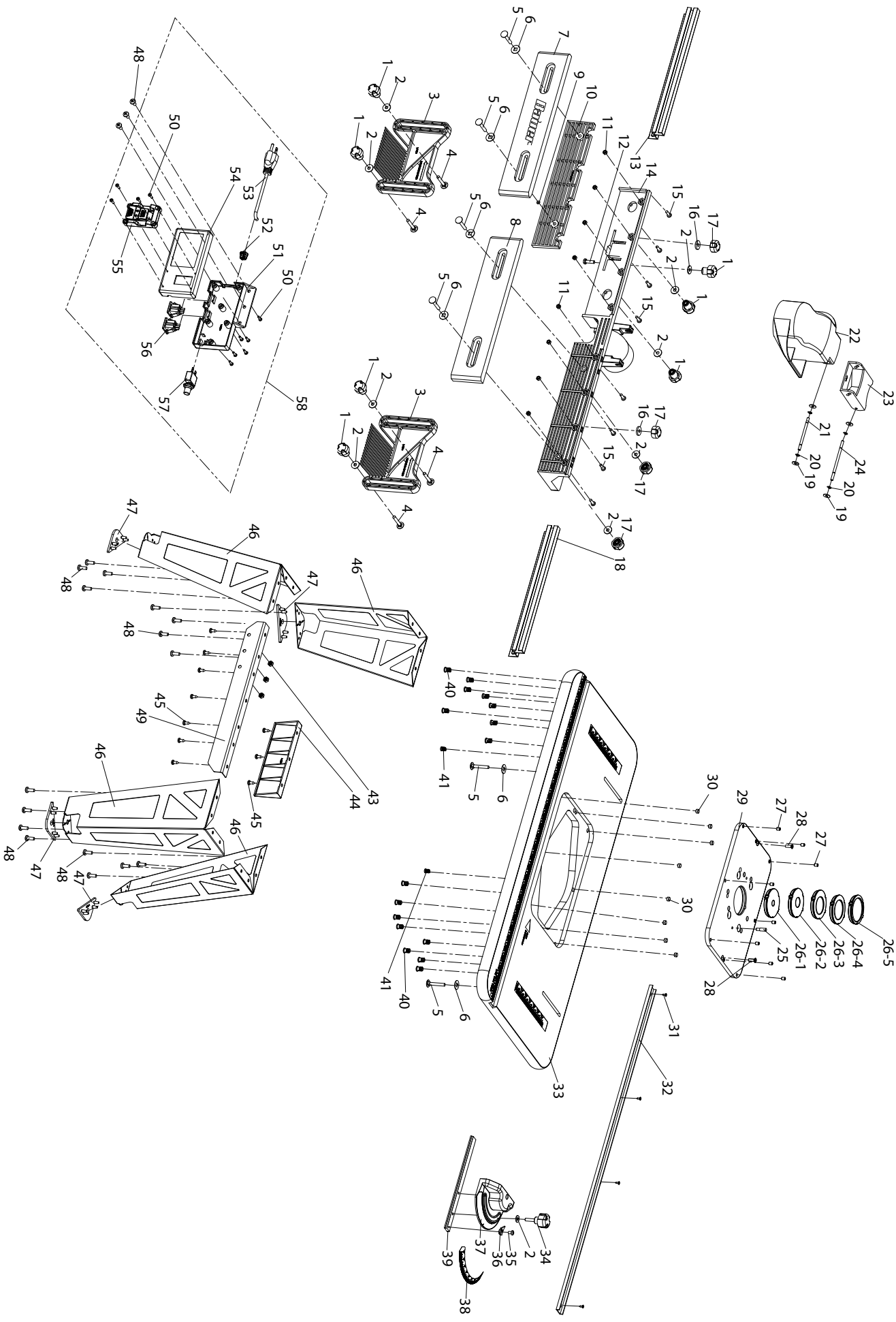
Note: Some parts are listed and shown for illustration purposes only, and are not available individually as replacement parts. Reference UPC 193175512659.

Parts List

Part	Description	Qty.
1	Lock Knob	7
2	Washer	10
3	Featherboard	2
4	Carriage Bolt	4
5	Carriage Bolt	2
6	Square Hole Washer	6
7	Outfeed Extension	1
8	Infeed Extension	1
9	Washer	1
10	Moving Bracket	1
11	Nut	8
12	Hex Bolt	1
13	T-Track Left Side	1
14	Main Bracket	1
15	Cross Head Screw	8
16	Washer	2
17	Lock Knob	4
18	T-Track Right Side	1
19	Big Washer	4
20	E-Ring	4
21	Pin	1
22	Bit Guard	1
23	Guard Bracket	1
24	Long Pin	1
25	Starting Pin	1
26-1	Throat Plate A - 0.495″	1
26-2	Throat Plate B - 0.997″	1
26-3	Throat Plate C - 1.185″	1
26-4	Throat Plate D - 1.499″	1
26-5	Throat Plate E - 2″	1
27	Set Screw	8

Part	Description	Qty.
28	Cross Head Screw	2
29	Insert Plate	1
30	Pin	8
31	Screw	4
32	Sliding Rail	1
33	Table	1
34	Lock Knob	1
35	Screw	1
36	Pointer	1
37	Miter Gauge	1
38	Angle Plate	1
39	Sliding Bar	1
40	Nut	16
41	Nut	2
43	Nut	3
44	Guard Plate	1
45	Self-Tapping Screw	10
46	Leg	4
47	Feet	4
48	Cross Head Screw	19
49	Support Plate	1
50	Self-Tapping Screw	10
51	Power Switch Box	1
52	Cord Clamp	1
53	Power Cord	1
54	Power Switch Box Cover	1
55	Power Switch	1
56	Outlet	2
57	Overload Switch	1
58	Power Switch Box Assembly	1

Assembly Diagram



Limited 90 Day Warranty

Harbor Freight Tools Co. makes every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 90 days from the date of purchase. This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance. 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 product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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