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14 IN. (355 MM) BAND SAW SCIE À RUBAN 355 MM (14 PO) SIERRA DE CINTA PARA BRANCO DE 355 MM (14 PULG.)

Instruction Manual Manuel d'instructions

Manual de instrucciones

www.portercable.com

CATALOG NUMBER PCB330BS

TABLE OF CONTENTS

SECTION	PAGE
PRODUCT SPECIFICATIONS	2
CALIFORNIA PROPOSITION 65	2
SAFETY GUIDELINES - DEFINITIONS	3
POWER TOOL SAFETY	4
BAND SAW SAFETY	5
ELECTRICAL REQUIREMENTS AND SAFETY	6
TOOLS NEEDED FOR ASSEMBLY	7
CARTON CONTENTS	7
KNOW YOUR BAND SAW	9
GLOSSARY OF TERMS	10
ASSEMBLY AND ADJUSTMENTS	11
OPERATION	18
MAINTENANCE	21
	18
MAIN LENANCE	21
TROUBLESHOOTING GUIDE	22
ACCESSORIES AND ATTACHMENTS	24
PARTS LIST	25
WARRANTY	28

PRODUCT SPECIFICATIONS

MOTOR

Amps	10 / 5 AMP
Voltage	120 / 240 V
Hz	60
Horsepower	1.5 HP (Max. Developed)
Speed	1630/2730 Feet per minute (No load)
Туре	Induction
DRIVE BELT	A-26
TABLE SIZE	16 x 16 in. (406.4 x 406.4 mm)

BI ADF

Width	1/8, 1/4, 3/8, 1/2 in.
	(3.2, 6.4, 9.5, 12.7 mm)
Length	93-1/2 in. (2374.9 mm)
CUTTING CAPAC	ITY
Throat	13-5/8 in. (346 mm)
Height	6 in. (152.4 mm)
SAWDUST PORT	2-1/2 in. O.D. (63.5 mm)

WARNING

To avoid electrical hazards, fire hazards or damage to the tool, use proper circuit protection. Use a separate electrical circuit for your tools. This band saw is wired at the factory for 110-120/220-240 Volt operation. It must be connected to a 110-120 Volt / 10 Ampere or 220-240 Volt / 5 Ampere time delay fuse or circuit breaker. To avoid shock or fire, replace power cord immediately if it is worn, cut or damaged in any way.

PROPOSITION 65 WARNING

A WARNING Drilling, sawing, sanding or machining wood products can expose you to wood dust, a substance known to the State of California to cause cancer. Avoid inhaling wood dust or use a dust mask or other safeguards for personal protection. For more information go to: www.P65Warnings.ca.gov/wood

Some examples of these chemicals are:

- Lead from lead-based paints,
- Crystalline silica from bricks and cement and other masonry products, and
- 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 dust masks that are specially designed to filter out microscopic particles.

Handling the power cord on this product may expose you to chemicals known to the state of California to cause cancer and birth defects or other reproductive harm.

Wash hands after handling. For more information go to: www.P65Warnings.ca.gov

Use of this tool can generate and/or disperse dust, which may cause WARNING serious and permanent respiratory or other injury. Always use NIOSH/ OSHA approved respiratory protection appropriate for the dust exposure. Direct particles away from face and body.

2014/08

SAFETY GUIDELINES - DEFINITIONS

WARNING ICONS

Your power tool and its Instruction Manual may contain "WARNING ICONS" (a picture symbol intended to alert you to, and/or instruct you how to avoid, a potentially hazardous condition). Understanding and heeding these symbols will help you operate your tool better and safer. Shown below are some of the symbols you may see.



SAFETY ALERT: Precautions that involve your safety.



PROHIBITION



WEAR EYE PROTECTION: Always wear safety goggles or safety glasses with side shields.



READ AND UNDERSTAND INSTRUCTION MANUAL: To reduce the risk of injury, user and all bystanders must read and understand instruction manual before using this product.



KEEP HANDS AWAY FROM BLADE: Failure to keep your hands away from the blade will result in serious personal injury.



SUPPORT AND CLAMP WORK



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.



CAUTION: Used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.

POWER TOOL SAFETY

GENERAL SAFETY INSTRUCTIONS BEFORE USING THIS POWER TOOL

Safety is a combination of common sense, staying alert and knowing how to use your power tool.

- To avoid mistakes that could cause serious injury, do not plug the tool in until you have read and understood the following.
- Read all instructions before operating product. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.
- 1. **READ** and become familiar with the entire Instruction Manual. **LEARN** the tool's application, limitations and possible hazards.
- 2. **KEEP GUARDS IN PLACE** and in working order.
- REMOVE ADJUSTING KEYS AND WRENCHES. Form the habit of checking to see that keys and adjusting wrenches are removed from the tool before turning ON.
- 4. **KEEP WORK AREA CLEAN**. Cluttered areas and benches invite accidents.
- DO NOT USE IN DANGEROUS ENVIRONMENTS. Do not use power tools in damp locations, or expose them to rain or snow. Keep work area well lit.
- KEEP CHILDREN AWAY. All visitors and bystanders should be kept a safe distance from work area.
- MAKE WORKSHOP CHILD PROOF with padlocks, master switches or by removing starter keys.
- DO NOT FORCE THE TOOL. It will do the job better and safer at the rate for which it was designed.
- USE THE RIGHT TOOL. Do not force the tool or an attachment to do a job for which it was not designed.
- 10. USE PROPER EXTENSION CORDS. Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will result in a drop in line voltage and in loss of power which will cause the tool to overheat. The table on page 6 shows the correct size to use depending on cord length and nameplate ampere rating. If in doubt, use the next heavier gauge. The smaller the gauge number, the heavier the cord.
- 11. WEĂR PROPÉR APPAREL. Do not wear loose clothing, gloves, neckties, rings, bracelets or other jewelry which may get caught in moving parts. Nonslip footwear is recommended. Wear protective hair covering to contain long hair.
- 12. ALWAYS WEAR EYE PROTECTION. Any power tool can throw foreign objects into the eyes and could cause permanent eye damage. ALWAYS wear Safety Goggles (not glasses) that comply with ANSI Safety standard Z87.1. Everyday eyeglasses have only

impact-resistant lenses. They **ARE NOT** safety glasses. **NOTE**: Glasses or goggles not in compliance with ANSI Z87.1 could seriously injure you when they break.

13.

WEAR A FACE MASK OR DUST MASK. Sawing operation produces dust.



SECURE WORK. Use clamps or a vise to hold work when practical. It is safer than using your hand and it frees both hands to operate the tool.

- 15. **DISCONNECT TOOLS FROM POWER SOURCE** before servicing, and when changing accessories such as blades, bits and cutters.
- REDUCE THE RISK OF UNINTENTIONAL STARTING. Make sure switch is in the OFF position before plugging the tool in.
- USE RECOMMENDED ACCESSORIES. Consult this Instruction Manual for recommended accessories. The use of improper accessories may cause risk of injury to yourself or others.
- injury to yourself or others.
 18. NEVER STAND ON THE TOOL. Serious injury could occur if the tool is tipped or if the cutting tool is unintentionally contacted.
- 19. CHECK FOR DAMAGED PARTS. Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function – check for alignment of moving parts, binding of moving parts, breakage of parts, mounting and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced.
- NEVER LÉAVE THE TOOL RUNNING UNATTENDED. TURN THE POWER "OFF". Do not walk away from a running tool until the blade comes to a complete stop and the tool is unplugged from the power source.
- 21. DO NOT OVERREACH. Keep proper footing and balance at all times.
- MAINTAIN TOOLS WITH CARE. Keep tools sharp and clean for best and safest performance. Follow instructions for lubricating and changing accessories.
- 23. DO NOT use power tool in presence of flammable liquids or gases.
- 24. DO NOT operate the tool if you are under the influence of any drugs, alcohol or medicationn that could affect your ability to use the tool properly.
- 25. Dust generated from certain materials can be hazardous to your health. Always operate saw in well-ventilated area and provide for proper dust removal.

²⁶ WARNING

People with electronic devices, such as pacemakers, should consult their physician(s) before using this product. Operation of electrical equipment in close proximity to a heart pacemaker could cause interference or failure of the pacemaker.

27. WEAR HEARING PROTECTION to reduce the risk of induced hearing loss.

BAND SAW SAFETY

- TO AVOID INJURY from unexpected movement, make sure the saw is on a firm, level surface and properly secured to prevent rocking. Make sure there is adequate space for operating. Bolt the saw to a support surface to prevent slipping, walking or sliding during operation.
- UNPLUG AND TURN the saw off before moving it.
- 3. **USE THE CORRECT** size and style of blade.
- 4. USE blades rated at 2700 FPM or greater.
- MAKE SURE the blade teeth point down and towards the table when installed on unit.
- BLADE GUIDES, SUPPORT BEARINGS AND BLADE TENSION must be properly adjusted to avoid accidental blade contact and to minimize blade breakage. To maximize blade support, always adjust the upper blade guide and blade guard so that it is 1/8 inch (3.2 mm) above the workpiece.
- 7. TABLE LOCK HANDLE should be tight.
- 8. USE EXTRA CAUTION with large, very small or awkward workpieces.
- USE EXTRA SUPPORTS to prevent workpieces from sliding off the table top. Never use another person to support the workpiece.
- 10. WORKPIECES must be secured so they do not twist, rock or slip while being cut.
- PLAN intricate and small work carefully to avoid pinching the blade. Avoid awkward operation and hand positions to prevent accidental contact with the blade.
- 12. **SMALL PIECES** should be secured with jigs or fixtures. Do not hold pieces that are so small your fingers are under the blade guard.
- SUPPORT round work properly (with a V-block or clamped to the miter gauge) to prevent it from rolling and the blade from biting.

- 14. CUT only one workpiece at a time. Make sure the table is clear of everything except the workpiece and guides before turning the saw on.
- 15. ALWAYS WATCH the saw run before each use. If there is excessive vibration or unusual noise, stop immediately. Turn the saw off. Unplug immediately. Do not start the saw again until the problem has been located and corrected.
- TO FREE any jammed material, turn the switch off. Remove the switch key and unplug the saw. Wait for all moving parts to stop before removing jammed material.
- 17. DO NOT LEAVE the work area until all moving parts are stopped. To childproof the workshop, shut off power to master switches and remove the switch key from the band saw. Store it in a safe place, away from children.

WARNING

For your own safety, read the entire Instruction Manual before using the band saw.

- 1. Wear eye protection.
- Do not wear gloves, neckties or loose clothing.
- 3. Make sure the saw is on a firm level surface and properly secured.
- 4. Use only the recommended accessories.
- 5. Use extra caution with very large, very small or awkward workpieces.
- 6. Keep hands away from the blade at all times to prevent accidental injury.
- Do not remove jammed or cutoff pieces until the blade has stopped.
- Maintain proper adjustment of blade tension, blade guides and thrust bearings.
- 9. Hold the workpiece firmly against the table.
- 10. Adjust the upper guide to clear the workpiece.

ELECTRICAL REQUIREMENTS AND SAFETY

POWER SUPPLY AND MOTOR SPECIFICATIONS

To avoid electrical hazards, fire hazards, or damage to the tool, use proper circuit protection. Use a seperate electrical circuit for your tool. Your saw is wired at the factory for 120 V operation. Connect to a 120 V, 10 Amp circuit and use a 10 Amp time delay fuse or circuit breaker. To avoid shock or fire, if power cord is worn, cut, or damaged in any way, have it replaced immediately.

GROUNDING INSTRUCTIONS

M WARNING

This tool must be grounded while in use to protect the operator from electrical shock.

IN THE EVENT OF A MALFUNCTION OR

BREAKDOWN, grounding provides a path of least resistance for electric currents and reduces the risk of electric shock. This tool is equipped with an electrical cord that has an equipment-grounding conductor and a grounding plug. The plug must be plugged into a matching receptacle that is properly installed and grounded in accordance with all local codes and ordinances.

DO NOT MODIFY THE PLUG PROVIDED. If it will not fit the receptacle, have the proper receptacle installed by a qualified electrician.

IMPROPER CONNECTION of the equipment grounding conductor can result in risk of electric shock. The conductor with the green insulation (with or without yellow stripes) is the equipment grounding conductor. If repair or replacement of the electrical cord or plug is necessary, do not connect the equipment grounding conductor to a live terminal.

CHECK with a qualified electrician or service person if you do not completely understand the grounding instructions, or if you are not certain the tool is properly grounded.

USE only 3-wire extension cords that have three-pronged grounding plugs with three-pole receptacles that accept the tool's plug. Repair or replace damaged or worn cords immediately.

Use a separate electrical circuit for your tool. This circuit must not be less than #16 wire and should be protected with a 10 Amp time lag fuse. Before connecting the motor to the power line, make sure the switch is in the off position and the electric current is rated the same as the current stamped on the motor nameplate. Running at a lower voltage will damage the motor.

GUIDELINES FOR EXTENSION CORDS

USE THE PROPER EXTENSION CORD. Make sure your extension cord is in good condition. Use an extension cord heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage resulting in loss of power, overheating and burning out of the motor. The table below shows the correct size to use depending on cord length and nameplate ampere rating. If in doubt, use the next heavier gauge. The smaller the gauge number, the heavier the cord.

Make sure your extension cord is properly wired and in good condition. Always replace a damaged extension cord or have it repaired by a qualified technician before using it. Protect your extension cords from sharp objects, excessive heat and damp or wet areas.

MINIMUM GAUGE FOR EXTENSION CORDS (AWG)						
Ampe	ere Rating	Tot	al Lengt	h of Cor	ď	
More Than	Not More Than	120 V 25 50 100 150 ft. (7.62 15.24 30.48 45.72 m) 240 V 50 100 200 300 ft. (15.24 30.48 60.96 91.44 m) AWG - American Wire Gauge				
0	6	18	16	16	14	
6	10	18	16	14	12	
10	12	16	16	14	12	
12	16	14	12	Not Red	commended	

WARNING

This tool is for indoor use only. Do not expose to rain or use in damp locations.

This tool is intended for use on a circuit that has a receptacle like the one illustrated in Fig. 1. Fig. 1 shows a three-pronged electrical plug and receptacle that has a grounding conductor. If a properly grounded receptacle is not available, an adapter (Fig. 2) can be used to temporarily connect this plug to a two-contact grounded receptacle. The adapter (Fig. 2) has a rigid lug extending from it that MUST be connected to a permanent earth ground, such as a properly grounded receptacle box.

A CAUTION

In all cases, make certain the receptacle is properly grounded. If you are not sure, have a qualified electrician check the receptacle.



240 VOLT SINGLE PHRASE OPERATION

WARNING

To avoid injury, disconnect the motor from power source outlet before reconnecting the wire.

The motor supplied with your machine is a dual voltage, 120/240 volt motor. It is shipped ready-to-run for 120 volt operation. However, it can be converted for 240 volt operation, reconnect the motor wire as the wiring diagram on page 20.

A qualified electrician should do the conversion, or the machine can be taken to an Authorized Service Center. When completed, the machine must conform to the National Electric Code and all local codes and ordinances.

The machine is converted by re-wiring the motor for 240 volts, installing a 240 volt plug on the power supply cord and replacing the switch with one that is rated for 240 volt operation.

Be sure the 240 volt plug is only used in an outlet having the same configuration as the plug illustrated in Fig. 1. No adapter should be used with the 240 volt plug.

A CAUTION

In all cases, make certain that the receptacle in question is properly grounded. If you are not sure, have a qualified electrician check the receptacle.

TOOLS NEEDED FOR ASSEMBLY

Supplied

Not Supplied



3 mm hex key

Phillips screwdriver



Adjustable wrench

12 mm wrench



Combination square

Straight edge



Feeler gauge (size 0.02 in.)

CARTON CONTENTS

UNPACKING AND CHECKING CONTENTS

Carefully unpack the band saw and all its parts, and compare against the list below and the illustration on the next page. With the help of an assistant place the saw on a secure surface and examine it carefully.

- To avoid injury from unexpected starting or electrical shock, do not plug the power cord into a source of power during unpacking and assembly. This cord must remain unplugged whenever you are adjusting/assembling the saw.
- The saw is heavy and should be lifted with care. If needed, get the assistance of someone to lift and move the saw.
- If any part is missing or damaged, do not attempt to assemble the band saw, or plug in the power cord until the missing or damaged part is correctly replaced.

TABLE OF LOOSE PARTS

ITEM	DESCRIPTION	QUANTITY
Α.	Foot pads & hex nuts	4
В.	Bag:	
	Carriage screws	16
	Hex nuts w/ washers	16
	Screw w/ washers	8
C.	Door knob / hex screw / washer	1 each
D.	Stand attachment hardware	
	Large washers	8
	Hex nuts	4
	Long hex bolts	4
E.	Sawdust port	1
	Hex bolts	2
	Washers	2
F.	Trunnion support hardware	
	Long bolt	1
	Short hex bolts	2
	Hex nut	1
	Table lock knob	2
	Washers	2
G.	Trunnion support bracket	1
H.	Table with insert	1
I.	3 mm hex key	1
J.	Band saw with motor	1
K.	Top plate	1
L.	Tool tray	1
M.	Left / right side plate	1 each
N.	Back plate	1
Ο.	Door plate	1

UNPACKING YOUR BAND SAW

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KNOW YOUR BAND SAW



GLOSSARY OF TERMS

BAND SAW TERMS

BLADE GUIDES — Support the blade and keep it from twisting during operation. Blade guides must be adjusted when blade is changed or replaced.

UPPER GUIDE LOCK KNOB — locks the upper slide. Use it after adjusting the upper guide assembly to make sure upper blade guide just clears workpiece before cutting. Upper guide lock knob must be tightened before the band saw is turned on.

TABLE LOCK KNOB — locks the table in place.

TILT (BEVEL) SCALE — shows the degree the table is tilted for bevel cutting.

BLADE TENSION KNOB — controls the amount of blade tension when changing blades.

BLADE TRACKING KNOB — adjusts blade position so blade always runs in the center of the wheel.

SAWDUST PORT — helps keep the machine free from sawdust. The sawdust port makes an excellent hook-up for a wet/dry vacuum.

ON/OFF SWITCH — has a built-in child safety lock. To lock the switch in the OFF position, remove the switch key from the switch.

WOODWORKING TERMS

BEVEL CUT — An angle cut made through the face of a workpiece.

COMPOUND CUT — A simultaneous bevel and miter cut.

CROSSCUT — A cut made across the width of the workpiece.

F.P.M. — Feet per minute. Used in reference to the surface speed of the saw blade.

FREE HAND — Performing a cut without using a fence (guide), hold-down or other proper device to prevent the workpiece from twisting during the cutting operation.

GUM — A sticky sap-based residue from wood products.

HEEL — Misalignment of the blade.

KERF — The material removed by the blade in a through cut, or the slot produced by the blade in a non-through or partial cut.

LEADING EDGE — The front edge of the workpiece pushed into the cutting tool first. **MITER CUT** — An angle cut made across the width of a workpiece. **RESAW** — A cutting operation to reduce the thickness of the workpiece to make thinner workpiece.

RESIN — A sticky sap that has hardened. **RIPPING CUT** — A cutting operation along the length of the workpiece.

R.P.M. — Revolutions per minute. The number of turns completed by a spinning object in one minute.

SAW BLADE PATH — The area of the workpiece or table top directly in line with the travel of the blade or the part of the workpiece that will be cut.

SET — The distance between two saw blade teeth tips, that are bent outward in opposite directions to each other. The further apart the tips are, the greater the set.

TRAILING EDGE — The workpiece edge last cut by the blade.

WORKPIECE — The item being cut. The surfaces of a workpiece are commonly referred to as faces, ends and edges.

WORKTABLE — The surface on which the workpiece rests while performing a cutting or sanding operation.



ASSEMBLY AND ADJUSTMENTS

Estimated Assembly Time: 50 - 60 minutes.

For your safety, never connect plug to power source receptacle until all assembly and adjustment steps are complete, and you have read and understood the safety instructions.

ASSEMBLING CABINET STAND (FIG. A, A-1, A-2, A-3, A-4, A-5)

1. **Bag "A"** - Thread the feet (2) with the hex nut (1) into each hole of two side plates (3, 8).

NOTE: Adjust the level of stand. When the feet are adjusted properly, turn the hex nuts against the leg of side plate to secure them. Loosen the hex nut before any adjustment.





- Bag "B" Attach R.H. side plate (3) (with holes on side) to the tool tray (4) with four carriage bolts (5) and hex nut w/ washers (6).
- 3. Repeat above steps for the L.H. plate (8). Securely tighten nuts.





 Bag "B" - Attach top plate (7) to the L.H. side plate (8) and R.H. plate (3) with eight carriage bolts (5) and hex nut w/ washers (6). NOTE: Top plate flanges fit inside side plates.



 Bag "B" - Mount the back plate (9) to the top plate (7) and tool tray (4), then fasten with four screws w/ washers (10).

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Front



 Bag "C" - Insert the door knob (11) to the hole of door plate (12) with one hex screw (13) and washer (14).





- Mount the door plate (12) to the R.H. side plate (3) hinges and fasten with four screws w/ washers (10).
- NOTE: Hinge goes behind side plate lip.8. Place stand on level surface and adjust the feet if needed.





NOTE: Make sure all screws and nuts are tight and stand is on a stable surface before mounting saw.

WARNING

Although compact, this saw is heavy and should be lifted with care. If needed, get the assistance of someone to lift and move the saw.

ASSEMBLING BAND SAW TO CABINET STAND (FIG. B)

- Lift the saw body (1) and place on the stand (2), aligning the mounting holes (3) of the saw base with the four mounting holes on the top plate of stand.
- Bag "D" Attach the band saw to the stand with four long hex head bolts (4) and four flat washers (5).
- 3. Place a flat washer (5) and hex nut (6) on each bolt from the underside of the top plate.
- Hold bolt head with a separate wrench and tighten all mounting bolts and nuts with a wrench.

Fig. B



INSTALLING THE SAWDUST PORT (FIG. C)

The sawdust port has a 2-1/2 in. (63.5 mm, O.D.) / 2-1/4 in. (57.2 mm, I.D.) diameter opening, suitable for attaching to a wet/dry vacuum hose to help keep the work area free of sawdust.

- 1. Open the lower cover (1).
- Bag "E" Attach the sawdust port (2) to the edge of the wheel cover, using the hex head bolts (3) and washers (4).
- 3. Tighten the bolts (3) and close the cover.



ASSEMBLING THE BAND SAW TABLE (FIG. D, E, F)

Mounting the trunnion support bracket (Fig. D)

- Place the trunnion support bracket (1) on the saw body as shown, then align the mounting holes.
- Bag "F" Place the washers (2) on the hex head bolts (3), and insert into the threaded holes, through the bracket and saw body. Tighten the bolts.
- Thread a nut (4) into the table stop bolt (5) and the rear tab (6) on the trunnion support bracket (1).
- 4. Tighten the nut down onto the bracket tab.





Mounting the table (Fig. E, F)

- 5. Remove the table aligning pin (18) and table insert (13) from the table.
- Guide the table slot (14) over the saw blade and rotate a 1/4 turn, so the slot is perpendicular to the blade.
- Bag "F" Placing the lock knob bolts (10) through the trunnion bracket holes (15) as shown, lower the table onto the trunnion bracket.
- Place a lock knob (16) on each lock knob bolt. Adjust the table by aligning the zero scale mark to the scale pointer (17) and tighten the knobs.
- 9. Replace the table insert (13), aligning the indents.
- 10. Place the table aligning pin (18) in the hole (19) at the front of the table, and tighten it.







INSTALLING AND REMOVING BLADES (FIG. G)

To avoid injury from accidental starting, always turn the switch OFF and remove the plug from the power source before moving, replacing, or adjusting the blade.

Removing

- 1. Loosen the blade tension by turning the blade tension knob (1) counterclockwise.
- 2. Remove the table insert (2) and remove the table aligning pin (3) from the table.
- 3. Open the upper and lower wheel cover doors (4).
- 4. Loosen the two Phillips screws (5) and remove the upper blade guard (6).
- 5. Remove the blade (7) from the upper and lower blade guides (8).
- 6. Carefully pull the blade from the side slot (9) and from the wheels (10).
- Swing the left side of the blade toward you, turning the blade so it will fit through the slot (11) in the table, and remove.
 NOTE: The available usage of blade length is from 91-1/2 to 93-1/2 in. (2324 to 2374.9 mm).





Installing

- Make sure the blade tension knob (1) is turned counterclockwise enough to get blade over pulleys.
- 2. Remove old blade as explained in "Removing" section.
- Guide the new blade (7) through the table slot (11). Make sure the blade teeth are pointing forward and down.
 NOTE: To avoid lifting the workpiece, the blade teeth must point downward toward the table.
- Swinging the left side of the blade away and back, place the blade on the upper and lower wheels (10).
- 5. Place the blade carefully between the upper and lower blade guides (8).
- Slide the blade into the slot (9) at the left of the wheels, and make sure the blade is positioned at the middle of the wheels.
- Turning the blade tension knob (1) clockwise, tighten the tension until the blade is tight on the wheels.
- 8. Replace the upper blade guard (6) and tighten the two Phillips screws (5).
- 9. Replace the table insert (2) and the table aligning pin (3).
- Adjust the blade tracking and tension properly (See ADJUSTMENT INSTRUCTIONS section) before operating the band saw.

WARNING

To avoid injury, the blade tension, tracking, and upper and lower guides and bearings must be properly adjusted before operating the band saw. (See ADJUSTMENT INSTRUCTIONS section)

WARNING

Before operation always make sure the blade is in center of table insert slot.

ADJUSTMENT INSTRUCTIONS

To avoid injury, turn the switch OFF and unplug the band saw from the power source before making any adjustments.

TABLE ADJUSTMENTS (FIG. H, I)

Tilting the table (Fig. H)

The band saw table (1) can be tilted from 0° to 45° right.

1. Loosen both table lock knobs (2) underneath the table.

- 2. Tilt the table to the desired angle on the scale (3) underneath the table.
- 3. Tighten the two table lock knobs.





Adjusting the 90° table stop (Fig. I)

- 1. Loosen the table lock knobs (1) and tilt the table to the right.
- Loosen the nut (2) on the table stop bolt (3) and lower the stop bolt as far as possible.
- 3. Tilt the table until it rests on the stop bolt.
- 4. Place a combination square (4) on the table with the heel of the square against the saw blade (5).
- Adjust the tilt of the table left or right until it is 90° to the blade. Make sure there is no space between the square and the blade. Tighten the table lock knobs.
- Adjust the table stop bolt up until it touches the table. Tighten the jam nut down to the support bracket.
- 7. Loosen the lock knobs and see that the table is resting on the stop bolt.
- Check the square to make sure the table is still square to the blade. If not, re-adjust the stop bolt.
- When the adjustment is accurate at 90°, align the pointer (6) to 0° on the scale (7).





BLADE TENSION (FIG. J)

To avoid injury, turn the switch OFF and disconnect the saw from the power source before making any adjustments. NEVER make tension adjustments with the machine running.

Blade tension was set at the factory. When adjustment is needed please follow the procedure below. The gauge (1) on the bracket (2) at the rear of the upper wheel indicates the proper tension for the various blade widths.

- 1. Set the blade tension gauge (1) to correspond with the blade width, as shown.
- 2. Turn the blade tension knob (3) clockwise to tighten the blade, counterclockwise to loosen.
- 3. As you become familiar with the saw, you may try to change the tension settings.

NOTE: Changes in blade width and type of material being cut will have an effect on the blade tension. Too much or too little tension could break the blade.



BLADE TRACKING (FIG. K)

M WARNING

To avoid injury, turn the switch OFF and disconnect the saw from the power source before making any adjustments. NEVER make tracking adjustments with the machine running.

Blade tracking was set at the factory. When adjustment is needed please follow the procedure below.

- 1. The blade (1) must be tensioned properly before adjusting the tracking. (See BLADE TENSION)
- 2. Open the upper cover.
- Move the blade guides (2) and support bearings (3) away from the blade, if necessary.

- Rotate the wheel (4) slowly forward by hand, and check the position of the blade on the wheel. The blade should remain centered on the wheel as it turns.
- If the blade moves toward the front of the wheel, turn the tracking knob (5) on the rear of the band saw clockwise. This tilts the top of the wheel and moves the blade toward the center.
- If the blade moves toward the back edge, turn the tracking knob counterclockwise, moving the blade toward the center.

NOTE: Turn the tracking knob SLIGHTLY to make blade tracking adjustments.



UPPER BLADE GUIDE ASSEMBLY (FIG. L)

To avoid injury, turn the switch OFF and disconnect the saw from the power source before making any adjmstments. NEVER make adjustments with the machine running.

- Loosen the wing nut (1) and the lock knob (2), and hold the knob (3) to move the blade guide assembly (4) to 1/8 in. (3.2 mm) above the workpiece.
- If necessary, rotate the assembly until the guide blocks (5) are flat (parallel) to the blade (6). Tighten the lock knob.

Fig. L



UPPER BLADE GUIDES AND BLADE SUPPORT BEARING (FIG. M, N)

The blade guard has been removed for clarity of illustration. To avoid injury, never operate the band saw without all guards in place and in working order.

WARNING

To avoid injury, turn the switch OFF and disconnect the saw from the power source before making any adjustments. NEVER make adjustments with the machine running. **NOTE:** Make sure the blade is tensioned and tracking properly. Adjust the blade guides and support bearing after each blade tension and tracking adjustment. When the upper blade guides and support bearings are adjusted, the lower guides and bearings should also be adjusted.

Blade guides (Fig. M)

Blade guides have been set at the factory but should be checked.

- 1. Make sure the blade is tensioned and tracking properly.
- 2. Loosen the front hex socket screws (1) with a hex wrench supplied.
- Move the guide blocks (2) as close to the blade (3) as possible without pinching it.
- Using a feeler gauge, make sure the space between guide block and the blade measured is 0.002 in. (0.05 mm, the thickness of a dollar bill).
- 5. Tighten the hex socket screws.
- 6. Loosen the side thumb screw (4) by turning counterclockwise.
- Turn the rear knob (5) to move the blade guide brackets in or out until the guide blocks (2) are just behind the blade teeth.
- 8. Tighten the thumb screw.

Fig. M



Support bearing (Fig. N)

Support bearing has been set at the factory but should be checked.

- 9. Loosen the knob (6).
- Turning the rear knob (7), move the support bearing (8) in or out until the bearing is 1/64 in. (0.4 mm) behind the blade.
- 11. Tighten the knob (6).

NOTE: This blade support bearing prevents the blade from moving back too far and damaging the saw teeth setting.

 Check the lateral position of the support bearing (8). The vertical back edge of the blade (3) should overlap the front face of the support bearing 1/16 in. (1.6 mm) to 1/8 in. (3.2 mm) to the left of the right bearing edge, as shown.



LOWER BLADE GUIDES AND SUPPORT BEARING (FIG. O, P)

To avoid injury, turn the switch OFF and disconnect the saw from the power source before making any adjustments. NEVER make adjustments with the machine running. **NOTE**: Make sure the blade is tensioned and tracking properly. The lower blade guides and support bearings should always be adjusted after the blade is tensioned, the tracking is adjusted, and the upper blade guides and upper support bearings are properly adjusted.

Blade guides

- Loosen both front hex socket screws (1) with a hex wrench.
- 2. Move the guide blocks (2) as close to the sides of the blade (3) as possible without pinching it.
- Using the feeler gauge, measure the spaces between the guide blocks and the blade. Adjust to 0.002 in. (0.05 mm).
- 4. Tighten the hex socket screws. (Fig. O)



 Loosen the side hex socket screw (4). Move the guide block support bracket (6) in or out until the blocks are just behind the saw teeth. Tighten the screw. (Fig. P)



Support bearing

- 6. Loosen the bearing hex socket screw (7) with the hex wrench.
- Move the blade support bearing shaft (8) in or out until the support bearing (9) is 1/64 in. (0.4 mm) behind the saw blade.
- 8. Tighten the bearing hex socket screw.
- The back edge of the blade (3) should be positioned 1/16 in. (1.6 mm) to 1/8 in. (3.2 mm) from the right edge of the support bearing (9), as shown.

PULLEY ALIGNMENT (FIG. Q)

The pulley alignment has been adjusted at the factory and shouldn't require further adjustment. If adjustments are required or belt needs replacing, please follow these procedures:

- 1. Place a straight edge in the front groove of both pulleys, behind the blade wheel.
- 2. Turn the hex socket screw (1) in the side of the motor pulley (2) to loosen the pulley on the shaft.
- Adjust the motor pulley in or out on the motor shaft (3) to align the edges of the two pulleys.
- 4. When aligned, tighten the hex socket screw on the side of the motor pulley.





OPERATION

BASIC SAW OPERATIONS

"ON/OFF" SWITCH (FIG. R)

The keyed switch is intended to prevent unauthorized use of the band saw.

- 1. To turn the band saw ON insert the black switch key (1) into the key slot in the center of the switch (2).
- Push the key firmly into the slot, then push switch (2) to the ON position to start the band saw.
- 3. To turn the band saw OFF push the switch (2) to the OFF position.
- Remove the black switch key, when the saw has come to a complete stop, by gently pulling it outward.

M WARNING

Remove the black switch key (1) whenever the saw is not in use. Place it in a safe place and out of reach of children.

Fig. R



GENERAL CUTTING

A WARNING

For your safety, read and understand all SAFETY INSTRUCTIONS on pages 4 - 6 before using the band saw.

Operating band saws involves a certain amount of hazard. Before attempting regular work, use scrap lumber to check the settings, and to get the feel of operating the band saw. Read instructions and plan your work before cutting a workpiece.

Do not turn the power ON until after you have made all adjustments, checked that the guard is in place, and turned the wheel by hand to make sure all parts work properly. Always keep the guide assembly 1/8 in. (3.2 mm) above the workpiece.

Do not force the workpiece against the blade. Light contact permits easier cutting and prevents unwanted friction and heating of the blade.

Sharp saw blades need little pressure for cutting. Steadily move the workpiece against the blade without forcing it.

To avoid twisting the blade do not turn sharp corners; saw around corners.

A band saw is basically a "curve-cutting" saw. It is not capable of doing intricate inside cutting as can be done with a scroll saw.

It is also used for straight line operations such as crosscutting, ripping, mitering, beveling, compound cutting, and resawing.

WARNING

To avoid blade breakage, fire or other damage or injury, NEVER use this band saw to cut metals.

CUTTING CURVES

When cutting curves, carefully turn the workpiece so the blade may follow without twisting. If the curve is so sharp that you repeatedly back up and cut new kerf, use a narrower blade, or a blade with more set (teeth further apart). When a blade has more set, the workpiece turns easier but the cut is rougher.

When changing a cut, do not withdraw the workpiece from the blade. The blade may get drawn off the wheels. To change a cut, turn the workpiece and saw out through the scrap material area.

When cutting long curves, make relief cuts as you go along.

CIRCLE CUTTING (FIG. S)

- Adjust the guide assembly to 1/8 in. (3.2 mm) above the workpiece.
- Use both hands while feeding the work into the blade. Hold the workpiece firmly against the table. Do not force the work and operate with gentle pressure.
- The smallest diameter circle that can be cut is determined by the width of the blade. For example, a 1/4 in. (6.4 mm) wide blade will cut a minimum diameter of approximately 1-1/2 in. (38.1 mm).





BLADE SELECTION (FIG. T)

A CAUTION

Blade teeth are sharp. Use care when handling a saw blade.

A CAUTION

For longest wear and best cutting results, use the correct blade thickness, width, and temper for the type of material you will cut.

When sawing small curves and delicate work, use narrow blades. Otherwise, use the widest blade as possible. (See Fig. S on page 18)

For cutting wood and similar materials with this band saw, purchase blades in width up to 1/2 in. (12.7 mm), and a length of 93-1/2 in. (2374.9 mm).

Do not cut metals with this band saw.

Fig. T

Operation	Recommended Blade Width (Inches
Cross Cutting	1/4, 3/8, 1/2 in. (6.4 ,9.5, 12.7 mm
Mitering	1/4, 3/8, 1/2 in. (6.4 ,9.5, 12.7 mm
Beveling	1/4, 3/8, 1/2 in. (6.4 ,9.5, 12.7 mm
Compound	1/4, 3/8, 1/2 in. (6.4 ,9.5, 12.7 mm
Cutting	
Circle Cutting	See chart on page 18
Curve Cutting	1/8, 1/4 in. (3.2, 6.4 mm)

CHANGING SPEED SETTING (FIG. U)

WARNING

To avoid injury, turn the power switch OFF and disconnect the band saw from the power source.

- Loosen the belt tension by turning the belt tension bolt (6) with a suitable wrench and rotating the motor counterclockwise until it stops.
- 2. Open the lower wheel cover and re-position the V-belt (3).
 - Changing the speed from 1630 to 2730 FPM: first remove belt (3) from the band saw pulley(4); reposition in the saw pulley groove (1).
 - Change the speed from 2730 to 1630 FPM: first remove belt (3) from the motor pulley (5) and reposition in the motor pulley groove (2). Remove the belt from the saw pulley (4) and reposition in the saw pulley groove (2).
 NOTE: The pulley belt is properly tensioned

when there is 1/2 in. (12.7 mm) deflection if pressed in the center of the pulleys.

3. Tighten the belt tension by turning the belt tension bolt (6) with the suitable wrench.

NOTE: After re-adjusting belt position and belt tension, verify and re-adjust the settings for the blade tension and tracking position, guides and bearings. (See Adjustment section)

Common causes of blade breakage:

- Poor guide alignment and adjustment.
- Forcing or twisting a wide blade around a short radius.
- Feeding too fast.
- Dull teeth or not enough set.
- Too much blade tension.
- Setting top guide assembly too high above the workpiece.
- Lumpy or improperly finished braze or weld on the blade.
- Continuous running of blade when not cutting.

Fig. U



INSTALLING A NEW BELT (FIG. V)

- 1. Open the lower wheel door.
- 2. Loosen the blade tension by turning the blade tension lock knob (1).
- 3. Remove the blade from the lower blade wheel.
- Loosen and remove the hex head bolt (2) and flange (3) on the lower blade wheel.
- 5. Remove the lower blade wheel.
- Turn the belt tension bolt (4) on the rear of the saw housing with a suitable wrench to loosen the v-belt tension.
- 7. Remove the v-belt (5).
- 8. Check the alignment of the two pulleys.
- If the edges of the two pulleys are not aligned, see "PULLEY ALINGMENT" in ADJUSTMENT section.
- Place the new v-belt on the saw pulley and the motor pulley. See OPERATION section "CHANGING SPEED SETTINGS" on page 19 for proper belt placement.
- When the pulley belt is positioned properly, tighten the v-belt tension by turning the belt tension handle.
 NOTE: The pulley belt is properly tensioned when there is a 1/2 in. (12.7 mm) deflection if pressed in the center of the pulleys.
- Replace the blade wheel. Push the wheel in firmly until it is touching the saw pulley. Replace and tighten the flange and nut.
- 13. Reinstall the blade. (See "INSTALLING BLADES" section on page 13)
- Adjust the blade tension, tracking, the upper and lower blade guides and bearings before operating the band saw.

WARNING

To avoid injury, the blade tension, tracking, and upper and lower guides and bearings must be properly adjusted before operating the band saw. (See "ADJUSTMENT INSTRUCTIONS" section)



240 V OPERATION - CHANGING WIRES (FIG. W, X)

M WARNING

To avoid injury, disconnect the motor from power source outlet before reconnecting the wire.

The band saw provided a dual voltage, 120 V and 240 V, motor. To operate the band saw at 240 V, single phase, please reconnect the motor wires.

1. Remove the screw (1) and wire cover (2).



2. Reconnect the motor wires and power wires as shown in the wiring diagram.



A CAUTION

A qualified electrician should do the conversion, or the machine can be taken to an Authorized Service Center. When completed, the machine must conform to the National Electric Code and all local codes and ordinances.

The machine is converted by re-wiring the motor for 240 volts, installing a 240 volt plug on the power supply cord and replacing the switch with one that is rated for 240 volt operation.

Be sure the 240 volt plug is only used in an outlet plug. No adapter should be used with the 240 volt plug.

In all cases, make certain that the receptacle in question is properly grounded. If you are not sure, have a qualified electrician check the receptacle.

NOTE: The 240 volt plug is not supplied with this product. Please check with a qualified electrician for the correct plug.

MAINTENANCE

GENERAL MAINTENANCE

WARNING

For your own safety, turn switch OFF and remove the plug from power source receptacle before maintaining, cleaning,adjusting, or lubricating your band saw.

WARNING

To avoid fire or toxic reaction, never use gasoline, naphtha, acetone, lacquer thinner or similar highly volatile solvents to clean the band saw.

WARNING

To avoid eye injury from blowing debris, wear safety goggles when blowing out sawdust.

MAINTENANCE

Use only mild soap and damp cloth to clean the tool. Never let any liquid get inside the tool; never immerse any part of the tool into a liquid.

BAND SAW

Sawdust will accumulate under the table and base. This could cause difficulty in the movement of the table when setting up a band saw cut. Frequently blow out or vacuum up the sawdust. Keep your band saw clean. Remove the sawdust from the inside. Vacuum or blow out frequently.

Do not allow debris to build up on the table, the guides, or the support bearings. Clean them with gum and pitch remover.

NOTE: Do not immerse the support bearings in the gum and pitch remover.

Apply a thin coat of paste wax on the table so that the wood slides easily while cutting.

BLADE WHEEL TIRES

Pitch and sawdust that build up on the tires should be removed with a stiff brush or scraped off with a piece of wood. **NOTE:** To avoid damaging the tires do not use a sharp knife or any kind of solvent.

When the tires become worn, they should be replaced. When replacing the tires, stretch them around the wheels but do not glue them on.

MOTOR

Frequently blow or vacuum out any sawdust from the motor. Follow lubrication instruction on the motor label.

WARNING

To avoid electrocution or fire, immediately replace a worn, cut or damaged power cord.

ADJUSTING THE UPPER BLADE GUIDE TRAVEL (FIG. Y)

If the upper guide bar assembly will not move up and down easily or falls when the lock knob is loosened, the following adjustment should be performed.

- 1. Remove the guide bar lock knob (1).
- Using a 5mm hex "L" wrench, tighten or loosen the screw (2) located behind the lock knob.
- Move the guide bar (3) up and down to check for smooth movement and ability to hold its position.
- Make further adjustments to the screw as required. Properly adjusted, the guide bar should move smoothly and hold its position when released.
- 5. Reinstall the guide bar lock knob (1).

Fig. Y



LUBRICATION

All of the bearings are packed with grease at the factory. They require no further lubrication.

A CAUTION

Never put lubricant on the blade while it is spinning.

TROUBLESHOOTING GUIDE

M WARNING

To avoid injury from an accidental start, turn the switch OFF and always remove the plug from the power source before making any adjustments.

REPLACEMENT PARTS

Use only identical replacement parts. For a parts list or to order parts, visit our service website at www.portercable.com. You can also order parts from your nearest Porter-Cable Factory Service Center or Porter-Cable Authorized Warranty Service Center. Or, you can call our Customer Care Center at (888) 609-9779.

SERVICE AND REPAIRS

All quality tools will eventually require servicing and/or replacement of parts. For information about Porter-Cable, its factory service centers or authorized warranty service centers, visit our website at www.portercable.com or call our Customer Care Center at (888) 609-9779. All repairs made by our service centers are fully guaranteed against defective material and workmanship. We cannot guarantee repairs made or attempted by others.

You can also write to us for information at Power Tool Specialists, Inc. 684 Huey Road, Rock Hill, SC 29730, (888) 609-9779 - Attention: Product Service. Be sure to include all of the information shown on the nameplate of your tool (model number, type, serial number, etc.).

GENERAL

PROBLEM	PROBLEM CAUSE	SUGGESTED CORRECTIVE ACTION
Blade does not run in the center of upper wheel.	 Not tracking properly. Defective blade. 	 Adjust tracking. See ASSEMBLY AND ADJUSTMENTS section - "BLADE TRACKING." Replace blade.
Band saw slows down when cutting.	1. Belt too loose.	1. Adjust belt tension. See ASSEMBLY AND ADJUSTMENTS section - "BLADE TENSION."
	2. Cutting too small a radius.	Stop feeding, back up the material slightly, until band saw speeds up.
	3. Dull blade.	3. Replace blade.
	4. Overloading motor.	4. Slow down, trying to cut too fast. See "MOTOR TROUBLESHOOTING GUIDE."
Blades breaking.	1. Too much tension on the blade.	1. Adjust belt tension. See ASSEMBLY AND ADJUSTMENTS section - "BLADE TENSION."
	 Kink in the blade caused by cutting too small a radius or turning the material too fast when cutting. 	2. Use correct cutting technique. See OPERATION section section "GENERAL CUTTING."
Blade dulls too quickly.	1. Blade guides set too close to the teeth.	1. Adjust upper and lower blade guides.
	2. Cutting incorrect material.	2. See OPERATION section - "BLADE SECTION."
Band saw vibrates.	1. Too much tension on motor belt.	1. Adjust tracking. See ASSEMBLY AND ADJUSTMENTS section - "INSTALL THE BELT."

MOTOR

PROBLEM	PROBLEM CAUSE	SUGGESTED CORRECTIVE ACTION
Noisy operation.	1. Incorrect belt tension.	1. Adjust tension. See ASSEMBLY AND ADJUSTMENTS section - "INSTALL THE BELT."
	2. Loose motor pulley.	 Readjust and tighten motor pulley set screw
	3. Loose pulley cover.	 Readjust and tighten pulley cover mounting screws.
Motor will not	1. Not plugged into power outlet.	1. Plug it into the power outlet.
start.	 Switch and key not in ON position. 	2. Insert key and turn the switch ON.
	3. Motor cord cut or abraded.	 Re-set; may be too many machines on line.
	4. Plug on cord is faulty.	4. Contact Porter-Cable Service Center
	5. Fuse on circuit breaks open.	or Authorized Service Station for repair
	6. Faulty motor.	or replacement.
Motor will not start	1. Too many electrical machines.	1. Turn off other machines and try again.
and fuse or circuit	2. Incorrect fuse.	2. Try time delay fuse, or go to circuit with
breaker opens.		higher rated fuse or circuit breaker.
	Wheels do not rotate.	3. Unplug and turn wheels by hand,
		move obstruction.
	4. Undersized extension cord.	4. Use correct size extension cord, see
		page 6.
	5. Short circuit.	5. Cord, plug, or motor need repair.
		Contact Porter-Cable Service Center or
		Authorized Service Station for repair.
Motor fails to	1. Low line voltage.	1. Check power line for proper voltage.
develop full power.	2. Faulty motor or capacitor.	2. Contact Porter-Cable Service Center or Authorized Service Station for repair.
Motor overheats.	1. Overload on motor.	1. Reduce load to motor, feed work slower into blade.
	2. Poor ventilation of motor.	2. Unplug and clean out around motor. Provide better air circulation.
	3. Capacitor failure.	3. Contact Porter-Cable Service Center or Authorized Service Station for repair.
Motor stalls or slows.	1. Motor overload.	1. Reduce load to motor, feed work slower into blade.
	2. Low line voltage.	2. Check power line for proper voltage.
	3. Loose wire connections.	3. Contact Porter-Cable Service Center or
	4. Faulty motor.	Authorized Service Station for repair.
Frequent fuse or circuit breaker	1. Motor overload.	1. Reduce load to motor, feed work slower into blade.
failure.	2. Overload of electrical circuit.	 Too many electrical appliances on same circuit.
	3. Incorrect fuse or circuit breaker.	 Have electrician upgrade service to outlet.

For assistance with your product, visit our website at www.portercable.com for a list of service centers, or call the Porter-Cable Customer Care Center at (888) 609-9779.

ACCESSORIES AND ATTACHMENTS

Since accessories, other than those offered by Porter-Cable, have not been tested with this product, use of such accessories with this tool could be hazardous. To reduce the risk of injury, only Porter-Cable recommended accessories should be used with this product.

X0JX RISER BLOCK KIT X3ZW MITER GAUGE X4CT RIP FENCE ASSEMBLY

A complete line of accessories is available from your Porter-Cable Factory Service Center or a Porter-Cable Authorized Warranty Service Center. Please visit our Web Site www.portercable.com for a catalog or for the name of your nearest supplier.

WARNING

Do not use any accessory unless you have completely read the Instruction Manual for that accessory.

PARTS LIST

14 IN. (355 MM) BAND SAW PARTS LIST FOR BAND SAW

I.D.	Description	Size	Q'ty	I.D.	Description	Size	Q'ty	I.D.	Description	Size	Q'ty
X1RS	ADJUSTING KNOB ASSEMBLY		1	X262	HEX. SCREW	3/4*2-1/2	1	X40G	FRAME ARM COVER, LOWER		1
X1V7	SPRING WASHER	5/16	16	X263	HEX. SCREW	1/4*3/4	2	X40H	FRAME ARM COVER, UPPER		1
X1VV	SCREW (CROSS HEAD) W/I WASHER	3/16*3/8	11	X264	PULLEY 3 IN.	Ø50-Ø76	1	X40J	LOWER WHEEL		1
X1W2	CROSS HEAD SCREW	3/16*1/4	3	X26C	SPRING PIN	3*30L	1	X40K	UPPER WHEEL		1
X1ZU	STEEL BALL	1/4	1	X26L	STAR KNOB	M10	2	X40M	LOWER DOOR		1
X21C	HEX. FIXTURE BOLT	3/8	3	X26N	HINGE UPPER		1	X40N	UPPER DOOR		1
X21D	CLIP HEAD		3	X26T	KNOB	3/8	3	X40P	UPPER COVER, INNER		1
X21F	BRUSH HOLDER		1	X2D7	SCREW (CROSS HEAD) W/I WASHER	3/16*1/4	12	X40Q	TRUNNION BRACKET		1
X21G	STEEL PIN		2	X2D8	TABLE PIN		1	X40T	PULLEY 7 IN.		1
X21H	HEX. FIXTURE BOLT		2	X2DR	HEX. SCREW	5/16*3"	1	X40V	COMPLETED MOTOR W/CORD		1
X21K	UPPER WHEEL SHAFT HINGE		1	X2JS	CROSS HEAD SCREW	M4*10L	1	X45M	INSTRUCTION MANUAL		1
X21L	SLIDING BKT.		1	X2NM	BALL BEARING		2	X4AV	FLAT WASHER	1/4*13	6
X21P	PIN	1/4*16	4	X2PN	PLASTIC BRUSH		1	X4AU	SPRING PIN	Ø6*20	1
X21Q	PRESS SPRING		1	X2QG	NYLON NUT	1/2	1	X56Z	SCALE OF BLADE GUARD		1
X21R	ADJUSTING SPRING		1	X2S2	SPRING WASHER	1/4	6	X570	WARNING LABEL		1
X21S	ADJUSTING KNOB OF UPPER WHEEL	5/16*2L	1	X2SU	PLATE		2	X571	WARNING LABEL		1
X21U	STAR KNOB	5/16*1-1/4	1	X2U7	FLAT KEY	5*5*30	1	X574	NAMPLATE		1
X21Z	TOOTH WASHER	5mm	2	X309	BALL BEARING		2	X575	TABLE INSERT		1
X221	FLAT WASHER	5/16*23	2	X348	STRAIN RELIEF BUSHING		2	X576	DUST COLLECTION HOSE		1
X224	FLAT WASHER	3/8*19	3	X39J	RING		2	X577	HEX. BOLT	3/8*1-3/4	1
X225	FLAT WASHER	1/4*16	4	X3ZA	SPRING WAHSER	3/16	3	X578	POWER CORD W/INSERT PLUG		1
X227	SPRING WASHER	3/4	1	X3ZB	KNOB	M6*18L	1	X579	BLADE GUARD, LOWER		1
X228	SQUARE NUT	3/8	1	X3ZF	MOTOR LABEL		1	X57A	GUIDE SUPPORT BRACKET BLADE GUARD		1
X229	BUTTERFLY NUT	5/16	1	X3ZH	SHAFT OF LOWER WHEEL		1	X57B	GUIDE POST (V TYPE)	243 MM	1
X22B	HEX. NUT	3/4	1	X3ZJ	SHAFT OF UPPER WHEEL		1	X57C	UPPER ARM		1
X22C	SET SCREW	5/16*5/16	1	X3ZL	GUARD		1	X57D	BASE		1
X22F	SET SCREW	M6*16L	2	X3ZM	FLAT WASHER FOR LOWER WHEEL		1	X57E	TABLE		1
X22H	CROSS HEAD SCREW	3/16*3/8	2	X3ZN	BEARING SHAFT		2				
X22K	CROSS HEAD SCREW	3/16*3/8	9	X3ZP	BLADE GUIDE BLOCK		4		MOTOR PARTS		
X22S	BEARING COVER		1	X3ZQ	Y TYPE GUIDE ACCESSORY		2	X1V8	SPRING WASHER	5 MM	2
X235	TRUNNION CLAMP SHOE		2	X3ZR	LOWER GUIDE HOLDER		1	X21Z	TOOTH WAHSER	5 MM	1
X238	TRUNNION		2	X3ZS	POST SEAT (DOUBLE TEETH)		1	X23R	SCREW (CROSS HEAD) W/I WASHER	3/16*1/4	1
X23A	SCALE		1	X3ZT	CUTTING BLADE	93-1/2*3/8	1	X25X	COPPER WAHSER		1
X23B	HINGE LOWER		1	X3ZV	WHEEL PROTECTOR		2	X2D7	SCREW (CROSS HEAD) W/I WASHER	3/16*1/4	4
X23D	POINTER		1	X3ZZ	C RING		2	X348	STRAIN RELIEF BUSHING		1
X23F	SPRING PIN	Ø3*10	1	X400	RING		1	X349	TERMINAL		2
X23G	FLAT WASHER	5/16*18	12	X401	FLAT KEY	5*5*60	2	X40Y	CROSS HEAD SCREW	3/16*3/16	2
X23J	HEX. NUT	5/16	5	X402	FLAT WASHER	3/8*16	1	X411	CAPACITOR COAST		1
X23K	HEX. NUT	3/16	5	X403	FLAT WASHER	3/8*25	1	X417	MOTOR WIRE		1
X23L	HEX. NUT	1/2	1	X404	FLAT WASHER	1/2*28	1	X418	CAPACITOR		1
X23M	HEX. SCREW	5/16*1-1/4	6	X405	MICRO ADJUSTING NUT	M6	2	X41C	CAPACITOR COVER		1
X23Q	HEX. SCREW	M10*50L	2	X406	NUT	3/8	1	X41D	WIRE COVER, LOWER		1
X23R	CROSS HEAD SCREW W/I WASHER	3/16*1/4	2	X407	SECTOR SCREW	M6*10L	1	X41E	WIRE COVER, UPPER		1
X240	HEX. WRENCH	3 MM	1	X408	SET SCREW	M6*45L	2				
X241	HEX. SCREW	1/4*1/4	2	X409	SCREW (HEADLESS)	M6*10L	7		HARDWARE BAG		
X243	SPRING CLIPPER		3	X40A	HEX. SCREW	1/4*5/8	7	X4AW	STAND ATTACHMENT HARDWARE BAG		1
X244	V-BELT		1	X40B	HEX. SCREW	1/2*2"	1	X2DJ	SAWDUST PORT HARDWARE BAG		1
X25X	COPPER WASHER		2	X40C	SAFETY SWITCH		1	X2DH	TRUNNION SUPPORT HARDWARE BAG		1
X25Y	WASHER	3/16-14	4	X40D	BALL BEARING		2				
X25Z	FLAT WASHER	3/4	2	X40F	GUARD STRONGER		1				

14 IN. (355 MM) BAND SAW SCHEMATIC FOR BAND SAW



14 IN. (355 MM) BAND SAW

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PARTS LIST AND SCHEMATIC FOR CABINET STAND

I.D.	Description	Size	Q'ty
X1VV	SCREW (CROSS HEAD) W/I WASHER	3/16*3/8	8
X23E	STAR KNOB	3/8	1
X2DC	CARRIAGE SCREW	5/16*1/2	16
X2DM	FEET HARDWARE BAG		1
X2DQ	HEX. NUT W/WASHER	5/16	16
X2DS	PAD	3/8*1	4
X2QE	SPRING WASHER	3/8	1
X2UD	HEX. NUT	3/8	4
X41J	HEX. SCREW	3/8*1/2	1
X41K	CROSS HEADSELF TAPPING SCREW	M3*12L	2
X41L	MAGNETIC IRON SET		2
X41M	RIGHT SIDE COVER PLATE		1
X41N	LEFT SIDE COVER PLATE		1
X41P	DOOR PLATE		1
X41Q	BLACK PLATE		1
X41R	TOP PLATE		1
X41S	TOOL TRAY		1
X4AX	STAND HARDWARE BAG		1
X4AY	DOOR KNOB HARDWARE BAG		1
X573	LABEL		1



WARRANTY

THREE YEAR LIMITED WARRANTY

PORTER-CABLE will repair, without charge, any defects due to faulty materials or workmanship for three years from the date of purchase. This warranty does not cover part failure due to normal wear or tool abuse. For further detail of warranty coverage and warranty repair information, visit www. portercable.com or call (888) 609-9779. This warranty does not apply to accessories or damage caused where repairs have been made or attempted by others. This warranty gives you specific legal rights and you may have other rights which vary in certain states or provinces.

In addition to the warranty, PORTER-CABLE tools are covered by our:

1 YEAR FREE SERVICE: PORTER-CABLE will maintain the tool and replace worn parts caused by normal use, for free, any time during the first year after purchase.

90 DAYS MONEY BACK GUARANTEE: If you are not completely satisfied with the performance of your PORTER-CABLE Power Tool for any reason, you can return it within 90 days from the date of purchase with a receipt for a full refund – no questions asked.

LATIN AMERICA: This warranty does not apply to products sold in Latin America. For products sold in Latin America, see country specific warranty information contained in the packaging, call the local company or see website for warranty information.

To register your tool for warranty service visit our website at www.portercable.com.

WARNING LABEL REPLACEMENT

If your warning labels become illegible or are missing, call (888) 609-9779 for a free replacement.

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