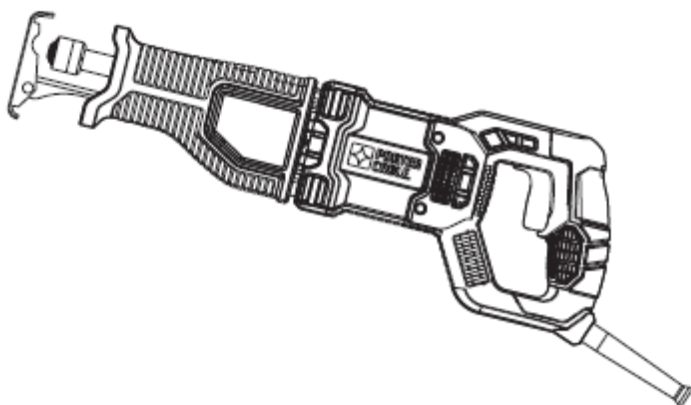


PORTER CABLE®

7.5A RECIPROCATING SAW

7,5A SCIE ALTERNATIVE

7,5A SIERRA ALTERNATIVA



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Thank you for choosing PORTER-CABLE! To register your new product, go to:
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INSTRUCTIVO DE OPERACIÓN, CENTROS DE SERVICIO Y PÓLIZA DE GARANTÍA.

⚠ ADVERTENCIA: LÉASE ESTE INSTRUCTIVO ANTES DE USAR EL PRODUCTO.

INSTRUCTION MANUAL
MANUEL D'INSTRUCTIONS
MANUAL DE INSTRUCCIONES

CATALOG NUMBER
N° DE CATALOGUE
CATÁLOGO N°
PCE360

SAFETY GUIDELINES - DEFINITIONS

It is important for you to read and understand this manual. The information it contains relates to protecting YOUR SAFETY and PREVENTING PROBLEMS. The symbols below are used to help you recognize this information.

⚠ 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.

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

GENERAL POWER TOOL SAFETY WARNINGS

⚠ WARNING: Read all safety warnings and all instructions. Failure to follow the warnings and instructions 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) When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.
 - f) 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, nonskid 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.*
- 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 the battery pack 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. 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.

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.*

Specific Safety Rules

- **Hold power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring or its own cord.** *Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.*
 - **Use clamps or another practical way to secure and support the work piece to a stable platform.** *Holding the work by hand or against your body leaves it unstable and may lead to loss of control.*
 - **Hold saw firmly with both hands for all cutting operations.** *During cutting operations, the blade may suddenly bind in the work and may cause the saw to kickback towards the operator.*
 - **Keep hands away from cutting area.** *Never reach underneath the material for any reason. Hold front of saw by grasping the contoured gripping area. Do not insert fingers or thumb into the vicinity of the reciprocating blade and blade clamp. Do not stabilize the saw by gripping the shoe.*
 - **Keep blades sharp.** *Dull blades may cause the saw to swerve or stall under pressure.*
 - **Use extra caution when cutting overhead and pay particular attention to overhead wires, gas or water lines, which may be hidden from view.** *Anticipate the path of falling branches and debris ahead of time.*
 - **When cutting pipe or conduit ensure that they are free from water, electrical wiring, etc.**
 - **Do not touch the workpiece or the blade immediately after operating the tool.** *They can become very hot.*
- ⚠ WARNING: ALWAYS use safety glasses. Everyday eyeglasses are NOT safety glasses. Also use face or dust mask if cutting operation is dusty. ALWAYS WEAR CERTIFIED SAFETY EQUIPMENT:**
- ANSI Z87.1 eye protection (CAN/CSA Z94.3),

- ANSI S12.6 (S3.19) hearing protection,
- NIOSH/OSHA/MSHA respiratory protection.

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

Some examples of these chemicals are:

- lead from lead-based paints,
- crystalline silica from bricks 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 those dust masks that are specially designed to filter out microscopic particles.

- **Avoid prolonged contact with dust from power sanding, sawing, grinding, drilling, and other construction activities. Wear protective clothing and wash exposed areas with soap and water.** Allowing dust to get into your mouth, eyes, or lay on the skin may promote absorption of harmful chemicals.

⚠ WARNING: Use of this tool can generate and/or disperse dust, which may cause 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.

⚠ WARNING: Always wear proper personal hearing protection that conforms to ANSI S12.6 (S3.19) during use. Under some conditions and duration of use, noise from this product may contribute to hearing loss.

⚠ WARNING: Do not operate this tool for long periods of time. Vibration caused by the operating action of this tool may cause permanent injury to fingers, hands, and arms. Use gloves to provide extra cushion, take frequent rest periods, and limit daily time of use.

- The label on your tool may include the following symbols. The symbols and their definitions are as follows:

V	.....volts
A	.....amperes
Hz	.....hertz
W	.....watts
min	.....minutes
~ or AC	.....alternating current
— or DC	.....direct current
⊕ or AC/DC	.....alternating or direct current
Ⓜ	.....Class I Construction (grounded)
n ₀	.....no load speed
n	.....rated speed
Ⓜ	.....Class II Construction
Ⓧ	.....earthing terminal (double insulated)
⚠	.....safety alert symbol
.../min	.....per minute
BPM	.....beats per minute
IPM	.....impacts per minute
RPM	.....revolutions per minute
SPM	.....strokes per minute
sfpm	.....surface feet per minute
📖	.....Read instruction manual before use
👤	.....Use proper respiratory protection
👁	.....Use proper eye protection
👂	.....Use proper hearing protection

MOTOR

Be sure your power supply agrees with nameplate marking. 120 Volts AC only means your tool will operate on standard 60 Hz household power. Do not operate AC tools on DC. A rating of 120 volts AC/DC means that your tool will operate on standard 60 Hz AC or DC power. This information is printed on the nameplate. Lower voltage will cause loss of power and can result in over-heating. All Porter Cable tools are factory-tested; if this tool does not operate, check the power supply.

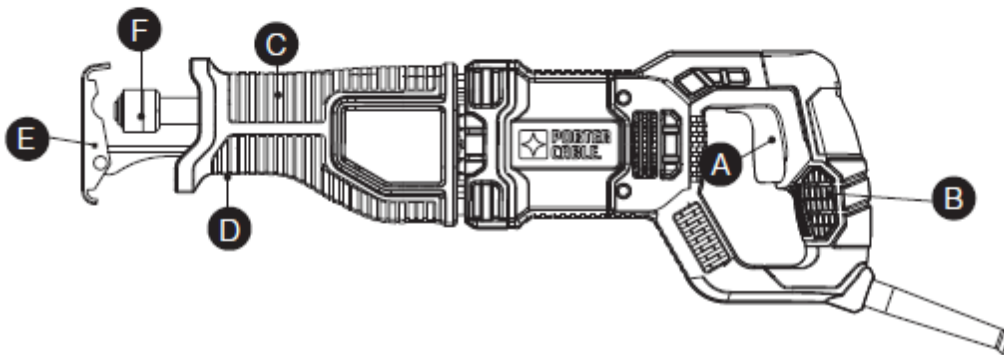
Extension Cord

When using an extension cord, be sure to use one 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 and overheating. The following table shows the correct size to use depending on cord length and nameplate ampere rating. If in doubt, use the next heavier gage. The smaller the gauge number, the heavier the cord.

Volts 120V	Minimum Gage for Cord Sets Total Length of Cord in Feet			
	0-25 (0-7,6m)	26-50 (7,6-15,2m)	51-100 (15,2-30,4m)	101-150 (30,4-45,7m)
Ampere Rating	American Wire Gage			
More Than	Not more Than			
0 - 6	18	16	16	14
6 - 10	18	16	14	12
10 - 12	16	16	14	12
12 - 16	14	12	Not Recommended	

Functional Description

- A. Trigger Switch
- B. Main Handle
- C. Secondary Gripping Handle
- D. Adjustable Shoe Screws
- E. Adjustable Shoe
- F. Blade Clamp



SAVE THESE INSTRUCTIONS

OPERATION/SET-UP

⚠ WARNING: CUT HAZARD. Turn off and disconnect tool from power source before making any adjustments or removing or installing attachments or accessories.

⚠ WARNING: Hold saw firmly with both hands for all cutting operations.

⚠ WARNING: Inspect work area for hidden electrical wiring, gas pipes or water pipes before making blind or plunge cuts. Failure to do so may result in electrical shock, fire, explosion, or property damage.

⚠ WARNING: CUT HAZARD. Blade breakage may occur if the blade does not extend past the shoe and the workpiece during the cut. Increased risk of personal injury, as well as damage to the shoe and workpiece may result.

⚠ WARNING: ALWAYS use safety glasses. Everyday eyeglasses are NOT safety glasses. Also use face or dust

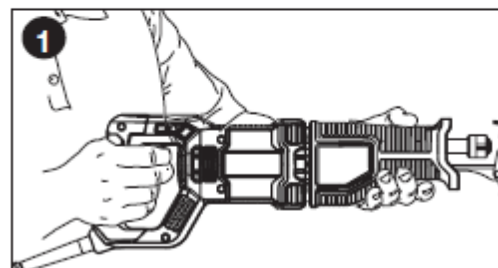
mask if cutting operation is dusty.
ALWAYS WEAR CERTIFIED SAFETY EQUIPMENT:

⚠ WARNING: CUT HAZARD. Before cutting any type of material, be sure it is firmly anchored or clamped to prevent slipping.

- Switch on saw motor before applying pressure.
- Place blade lightly against work to be cut.

Always hold saw firmly with both hands while cutting as shown in **Figure 1**.

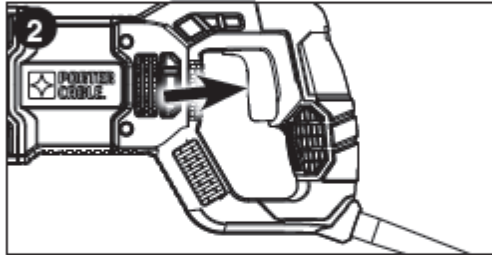
Whenever possible, the saw shoe must be held firmly against the material being cut. This will prevent the saw from jumping or vibrating and minimize blade breakage.



VARIABLE SPEED SWITCH (FIGURE 2)

The variable speed trigger switch will give you added versatility. The further the trigger is depressed the higher the speed of the saw. To turn the tool "OFF" release the trigger.

⚠WARNING: CUT HAZARD. This tool has no provision to lock the switch in the ON position, and should never be locked in the ON position by any other means.



BLADE INSTALLATION AND REMOVAL (FIGURE 3)

⚠WARNING: CUT HAZARD. Turn off and disconnect tool from power source before making any adjustments or removing or installing attachments or accessories.

The blade should extend past the shoe and the thickness of the workpiece during the cut. Select the blade best suitable for the material to be cut and use the shortest blade suitable for the thickness of the material. Do not use jigsaw blades with this tool.

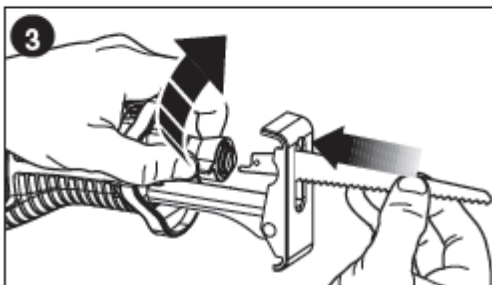
⚠WARNING: CUT HAZARD. Blade breakage may occur if the blade does not extend past the shoe and the workpiece during the cut. Increased risk of personal injury, as well as damage to the shoe and workpiece may result.

TO INSTALL BLADE INTO SAW

1. Point tool away from body.
2. Rotate blade clamp collar in the direction shown in figure 3.
3. Insert blade shank fully into blade clamp collar.
4. Release blade clamp collar to lock blade into position.

NOTE: Blade can be installed with the teeth up to assist in flush-to cutting.

TO REMOVE BLADE FROM SAW



⚠WARNING: CUT HAZARD. Turn off and disconnect tool from power source before making any adjustments or removing or installing attachments or accessories.

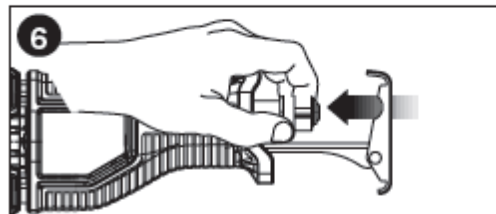
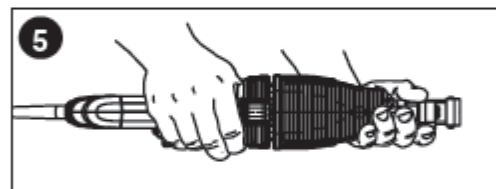
⚠WARNING: Burn hazard. Do not touch the blade immediately after use. Contact with the blade may result in personal injury.

1. Rotate blade clamp collar to release position.
2. Remove blade.

TO REMOVE A BROKEN BLADE

If the blade breaks so that the broken piece is caught inside the clamp, take the following steps to remove the remainder of the blade from the saw.

1. Rotate blade clamp collar clockwise as viewed from the back of the saw and hold in place (Figure 4).
2. Turn the saw on its left side as viewed from the back of the saw (Figure 5).
- 3a. **If the blade has broken inside the clamp**, slide a flat object into the opening of the clamp (Figure 6) as far as it can go, then remove the flat object. This will disengage the pin inside the clamp.
- 3b. **If the blade has broken outside the clamp**, slide a flat object into the opening of the clamp (Figure 6) to the left of the blade as far as it can go, then remove the flat object. This will disengage the pin inside the clamp.
4. While still holding the clamp collar open and the saw on its side, face the clamp opening down and shake until the broken blade falls out.



ADJUSTABLE SHOE - (FIGURE 7)

⚠ WARNING: CUT HAZARD. Blade breakage may occur if the blade does not extend past the shoe and the workpiece during the cut. Increased risk of personal injury, as well as damage to the shoe and workpiece may result.

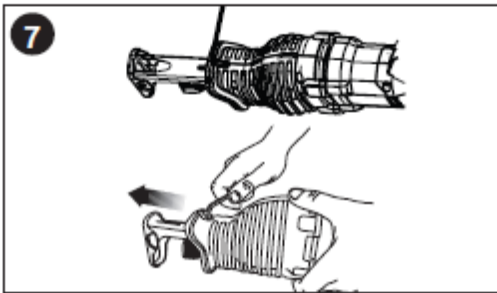
⚠ WARNING: CUT HAZARD. Turn off and disconnect tool from power source before making any adjustments or removing or installing attachments or accessories.

The shoe will adjust to limit the depth of cut. Using a M4 (5/32 in.) hex wrench (not supplied), loosen the screws (but do not remove) (Figure 7) and slide the shoe out to the desired depth then retighten screws securely.

⚠ CAUTION: CUT HAZARD. To prevent loss of control, never use tool without shoe.

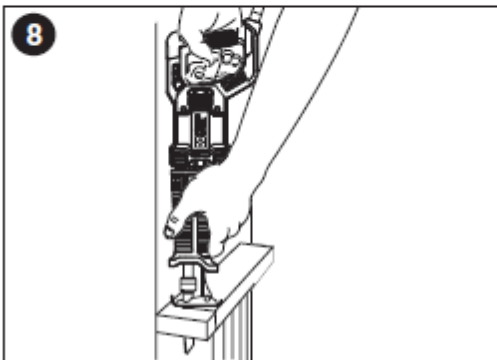
⚠ CAUTION: RISK OF PERSONAL INJURY AND PROPERTY DAMAGE.

Ensure the shoe is locked into position before using tool.



FLUSH CUTTING (FIGURE 8)

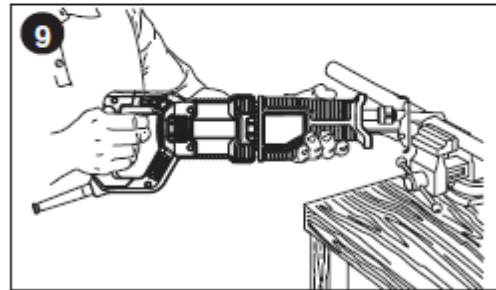
- The compact design of the reciprocating saw motor housing and pivoting shoe permit close cutting to floors, corners and other difficult areas.
- To maximize flush cutting capabilities, insert the blade shaft into the blade clamp with the teeth of the blade facing up.
- Turn the saw upside down so you are as close to the work surface as possible.



METAL CUTTING (FIGURE 9)

- Use a finer blade for ferrous metals and a coarse blade for non-ferrous materials.
- In thin gauge sheet metals it is best to clamp wood to the underside of the sheet. This will ensure a clean cut without excess vibration or tearing of metal.
- Avoid forcing cutting blade as this reduces blade life and causes costly blade breakage.

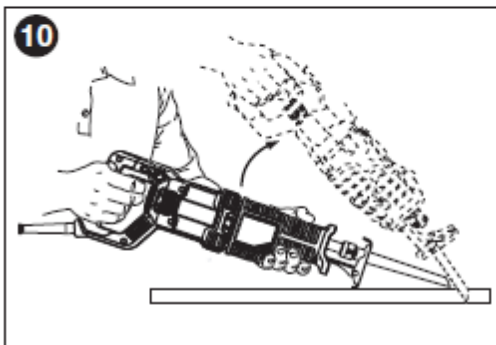
NOTE: Spread a thin film of oil or other coolant along the line ahead of the saw cut for easier operation and longer blade life.



POCKET CUTTING - WOOD ONLY (FIGURE 10)

- Measure the surface area to be cut and mark clearly with a pencil, chalk or scribe.
- Insert blade in blade clamp and tighten blade clamp securely.
- Tip the saw backward until the back edge of the shoe is resting on the work surface and the fully extended moving blade will clear the surface.
- Grip unit with both hands, switch motor on permitting blade to obtain maximum speed.
- Begin a slow, deliberate upward swing with the main handle of the saw.
- The blade will begin to feed into material. Always be sure blade is completely through material before continuing with pocket cut.

NOTE: In areas where blade visibility is limited, use the edge of the shoe as a guide.



PROJECT TIPS

- Cut only with sharp blades; they cut cleaner, faster and put less strain on the motor while cutting.
- When cutting, always ensure that the shoe is held firmly against the workpiece and the workpiece is secured from moving/deflecting. This will improve operator control and minimize vibration.
- For longer blade life, use bi-metal blades. These utilize a carbon steel back welded to high speed steel teeth making the blade more flexible and less prone to breaking.

MAINTENANCE

UNPLUG SAW AND REMOVE ACCESSORY WHEN PERFORMING ANY CLEANING OR OTHER MAINTENANCE. WHEN SERVICING USE ONLY IDENTICAL REPLACEMENT PARTS.

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

- Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to various types of commercial solvents and may be damaged by their use. Use clean cloths to remove dirt, carbon dust etc.
- When electric tools are used on fiberglass boats, sports cars, drywall etc., they are subject to accelerated wear and possible premature failure, as the fiberglass chips and grindings and drywall dust are highly abrasive to bearings, brushes, commutator, etc. During any use on fiberglass or drywall it is extremely important that the tool be cleaned frequently by blowing with an air jet.

LUBRICATION

Porter Cable tools are properly lubricated at the factory and are ready for use. Tools should be lubricated regularly every year depending on usage. (Tools used on heavy duty jobs and tools exposed to heat may require more frequent lubrication.) This lubrication should be attempted only by trained power tool repair person such as those at Porter Cable service centers or in other qualified service personnel.

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) 848-5175.

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) 848-5175. 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 PORTER-CABLE, 4825 Highway 45 North, Jackson, Tennessee 38305 - Attention: Product Service. Be sure to include all of the information shown on the nameplate of your tool (model number, type, serial number, etc.).

ACCESSORIES

This saw will accept up to a 12 inch long blade. Always use the shortest blade suitable for your project but long enough to keep the blade cutting through the material. Longer blades are more likely to be bent or damaged during use. During operation some longer blades may vibrate or shake if the saw is not kept in contact with the workpiece.

⚠ WARNING: 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.

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.

This Class B digital apparatus complies with Canadian ICES-003.

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and

used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This Class B digital apparatus complies with Canadian ICES-003.

TROUBLESHOOTING

<u>Problem</u>	<u>Possible Cause</u>	<u>Possible Solution</u>
<ul style="list-style-type: none"> • Unit will not start. 	<ul style="list-style-type: none"> • Cord not plugged in. • Circuit fuse is blown. 	<ul style="list-style-type: none"> • Plug tool into a working outlet. • Replace circuit fuse. (If the product repeatedly causes the circuit fuse to blow, discontinue use immediately and have it serviced at a Porter Cable service center or authorized servicer.)
	<ul style="list-style-type: none"> • Circuit breaker is tripped. 	<ul style="list-style-type: none"> • Reset circuit breaker. (If the product repeatedly causes the circuit breaker to trip, discontinue use immediately and have it serviced at a Porter Cable service center or authorized servicer.)
	<ul style="list-style-type: none"> • Cord or switch is damaged. 	<ul style="list-style-type: none"> • Have cord or switch replaced at a Porter Cable Service Center or Authorized Servicer
<ul style="list-style-type: none"> • Broken blade stuck inside clamp. 	<ul style="list-style-type: none"> • Broken blade is held in place by pin inside clamp. 	<ul style="list-style-type: none"> • Follow the steps under "To Remove a Broken Blade" to disengage pin.

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) 848-5175.

THREE YEAR LIMITED WARRANTY

PORTER-CABLE will repair or replace, without charge, any defects due to faulty materials or workmanship for three years from the date of purchase for tools (two years for batteries). 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) 848-5175. 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 DAY 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) 848-5175 for a free replacement.

PORTER  CABLE

4825 Highway 45 North
Jackson, TN 38305
(888) 848-5175
www.portercable.com