

Instruction manual

ESPAÑOL: PÁGINA 19
FRANÇAISE : PAGE 35

Cordless Reciprocating Saw



MODEL 8924 Charger

MODEL 837
Quik-Change™ Blade Clamp

MODEL 8923
Battery Pack

IMPORTANT

Please make certain that the person who is to use this equipment carefully reads and understands these instructions before starting operations.

To learn more about Porter-Cable visit our website at:

<http://www.porter-cable.com>

PORTER-CABLE
PROFESSIONAL POWER TOOLS

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The Model and Serial No. plate is located on the main housing of the tool. Record these numbers in the spaces below and retain for future reference.

Model No. _____

Type _____

Serial No. _____

Part No.908936 - 01-06-05

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IMPORTANT SAFETY INSTRUCTIONS

▲ WARNING Read and understand all warnings and operating instructions before using any tool or equipment. When using tools or equipment, basic safety precautions should always be followed to reduce the risk of personal injury. Improper operation, maintenance or modification of tools or equipment could result in serious injury and property damage. There are certain applications for which tools and equipment are designed. Porter-Cable strongly recommends that this product NOT be modified and/or used for any application other than for which it was designed.

If you have any questions relative to its application DO NOT use the product until you have written Porter-Cable and we have advised you.

Online contact form at www.porter-cable.com

Postal Mail: Technical Service Manager
Porter-Cable Corporation
4825 Highway 45 North
Jackson, TN 38305

Information regarding the safe and proper operation of this tool is available from the following sources:

Power Tool Institute
1300 Sumner Avenue, Cleveland, OH 44115-2851
www.powertoolinstitute.org

National Safety Council
1121 Spring Lake Drive, Itasca, IL 60143-3201

American National Standards Institute, 25 West 43rd Street, 4 floor, New York, NY 10036 www.ansi.org ANSI 01.1 Safety Requirements for Woodworking Machines, and the U.S. Department of Labor regulations www.osha.gov

SAVE THESE INSTRUCTIONS!

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

CALIFORNIA PROPOSITION 65

▲ 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
- 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, always wear NIOSH/OSHA approved, properly fitting face mask or respirator when using such tools.

GENERAL SAFETY RULES

▲ WARNING Read all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury. The term "power tool" in all of the warnings listed below refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.



SAVE THESE INSTRUCTIONS

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.

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 safety equipment. Always wear eye protection.** Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- c) **Avoid accidental starting. Ensure the switch is in the off-position before plugging in.** Carrying power tools with your finger on the switch or plugging in power tools that have the switch on invites accidents.

GENERAL SAFETY RULES continued

- 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 these devices 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 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 tools 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 and in the manner intended for the particular type of power tool, 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.

GENERAL SAFETY RULES continued

5) Battery tool use and care

- a) **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- b) **Use battery tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- c) **When battery pack is not in use, keep it away from other metal objects like paper clips, coins, keys, nails, screws, or other small metal objects that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
- d) **Under abusive conditions, liquid may be ejected from the battery. Avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, seek additional medical help.** Liquid ejected from the battery may cause irritation or burns.
- e) **Ensure the switch is in the off position before inserting battery pack.** Inserting the battery pack into power tools that have the switch on invites accidents.

6) 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.

SAVE THESE INSTRUCTIONS!

ADDITIONAL SPECIFIC SAFETY RULES

1. **Hold power tool by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring or its own cord.** Contact with a "live" wire will make exposed metal parts of the tool "live" and shock the operator.
2. **Use clamps or other practical way to secure and support the workpiece to a stable platform.** Holding the work by hand or against your body is unstable and may lead to loss of control.
3. **Keep blades sharp.** Sharp blades will do the job better and safer.
4. **Keep hands away from cutting area.** When sawing never reach underneath or behind the material being cut for any reason.
5. **When you have finished a cut be careful not to come into contact with the blade.** Turn off the motor immediately.
6. **⚠️ WARNING Exercise extreme caution when blind cutting.** Be certain that there are no foreign objects such as electrical wire, conduit, plumbing pipes, etc., that may come into contact with the blade.
7. **Wear eye and hearing protection. Always use safety glasses.** Everyday eyeglasses are NOT safety glasses. USE CERTIFIED SAFETY EQUIPMENT. Eye protection equipment should comply with ANSI Z87.1 standards. Hearing equipment should comply with ANSI S3.19 standards.
8. **⚠️ WARNING Use of this tool can generate and disburse dust or other airborne particles, including wood dust, crystalline silica dust and asbestos dust.** Direct particles away from face and body. Always operate tool in well ventilated area and provide for proper dust removal. Use dust collection system wherever possible. Exposure to the dust may cause serious and permanent respiratory or other injury, including silicosis (a serious lung disease), cancer, and death. Avoid breathing the dust, and avoid prolonged contact with dust. Allowing dust to get into your mouth or eyes, or lay on your skin may promote absorption of harmful material. Always use properly fitting NIOSH/OSHA approved respiratory protection appropriate for the dust exposure, and wash exposed areas with soap and water.

SAVE THESE INSTRUCTIONS!

SYMBOL	DEFINITION
V	volts
A	amperes
Hz	hertz
W	watts
kW	kilowatts
F	farads
μF	microfarads
l	litres
g	grams
kg	kilograms
bar	bars
Pa	pascals
h	hours
min	minutes
s	seconds
n_0	no-load speed
.../min or ...min ⁻¹	Revolutions or reciprocations per minute
 or d.c.	direct current
 or a.c.	alternating current
2 	two-phase alternating current
2N 	two-phase alternating current with neutral
3 	three-phase alternating current
3N 	three-phase alternating current with neutral
 A	rated current of the appropriate fuse-link in amperes
	time-lag miniature fuse-link where X is the symbol for the time/current characteristic, as given in IEC 60127
	protective earth
	class II tool
IPXX	IP symbol

SAVE THESE INSTRUCTIONS!

SAFETY INSTRUCTIONS FOR CHARGER AND BATTERIES

1. **SAVE THESE INSTRUCTIONS.** This manual contains important safety and operating instructions for Porter-Cable Battery Charger.
2. **Before using a battery charger,** read all instructions and cautionary markings on (1) battery charger, (2) battery pack, and (3) product using battery.
3. **⚠ CAUTION** To reduce risk of injury, a Porter-Cable charger should only be used to charge a Porter-Cable battery pack. Other types of batteries may burst causing personal injury and damage. Do not charge a Porter-Cable battery pack with any other charger.
4. **Do not expose charger** to rain, snow or frost.

5. **Do not abuse cord.** Never carry charger by cord or yank it to disconnect from receptacle. Pull by plug rather than cord when disconnecting charger. Have damaged or worn power cord and strain reliever replaced immediately. **DO NOT ATTEMPT TO REPAIR POWER CORD.**
6. **Make sure cord** is located so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress.
7. **Do not use an extension cord** unless absolutely necessary. Use of improper extension cord could result in a risk of fire and electric shock. If an extension cord must be used, make sure:
 - A. That the pins on plug of extension cord are the same number, size and shape as those of plug on charger.
 - B. That the extension cord is properly wired and in good electrical condition.
 - C. Wire Size of cord is at least as specified in following chart:

LENGTH OF CORD IN FEET	25	50	100	150
AWG SIZE OF CORD	18	18	18	16

- D. If an extension cord is to be used outdoors it must be marked with the suffix W-A or W following the cord type designation. For example – SJTW-A to indicate it is acceptable for outdoor use.
8. **Do not operate** charger with damaged cord or plug – have them replaced immediately, to avoid a hazard. **DO NOT ATTEMPT TO REPAIR POWER CORD.**
9. **Do not operate** charger if it has received a sharp blow, been dropped, or otherwise damaged in any way; take it to a qualified serviceman.
10. **Do not disassemble charger or battery pack.** Take it to a qualified serviceman when service or repair is required. Incorrect reassembly may result in a risk of electric shock or fire.
11. **Unplug charger** from outlet before attempting any maintenance or cleaning – to reduce risk of electric shock.
12. **Charge the battery pack** in a well ventilated place, do not cover the charger and battery pack with a cloth, etc., while charging.
13. **Do not store** the charger or battery pack in locations where the temperature may reach or exceed 122°F (50°C) (such as a metal tool shed, or a car in the summer), which can lead to deterioration of the storage battery.
14. **Do not charge battery pack** when the temperature is BELOW 40°F (4.4°C) or ABOVE 104°F (40°C). This is very important for proper operation.
15. **Do not incinerate battery pack.** It can explode in a fire.
16. **Do not charge battery** in damp or wet locations.
17. **Do not attempt** to charge any other cordless tool or battery pack with the Porter-Cable charger.
18. **Do not short across** the terminals of the battery pack: EXTREMELY HIGH TEMPERATURES COULD CAUSE PERSONAL INJURY OR FIRE.

19. Double insulated tools are equipped with a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install a polarized outlet. Do not change the plug in any way. Double Insulation eliminates the need for the three wire grounded power cord and grounded power supply system.

20. Dispose of expended batteries properly. The Porter-Cable Battery Packs contains rechargeable, nickel-cadmium batteries. These batteries must be recycled or disposed of properly. Drop off expended battery packs at your local replacement battery retailer, your local recycling center, or at a Porter-Cable Service Center (see list on back page of this manual). Applicable fees for the collection and recycling of these batteries (in the United States), have been paid to the RBRC™. For further information, call: 1-800-8-BATTERY.



RBRC™ is a Trademark of the Rechargeable Battery Recycling Corporation.

CHARGING THE BATTERY

Before using your cordless tool for the first time, fully charge the battery pack. If the battery pack is installed, remove it by following instructions under "INSTALLING OR REMOVING BATTERY PACK".

NORMAL CHARGING

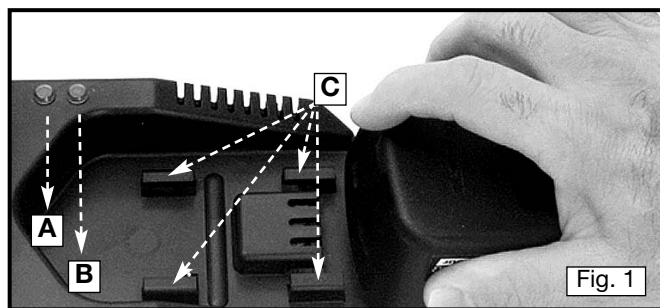
Make sure that the power circuit voltage is the same as that shown on the charger specification plate. Connect the charger to the power source. The red and green lights will flash once to indicate that the power is connected properly and the charger is ready for operation.

Position the battery pack on charger, align the rails on the battery pack (A) Fig. 2 with the four tabs (C) Fig. 1 on the charger. Slide the battery forward on charger until it stops.

The green light (A) Fig. 1 should begin to flash rapidly indicating that the battery pack is receiving a "fast charge". [If the green light does not flash or if the red light (B) illuminates, see DIAGNOSTICS]. After approximately one hour, the "Fast Charge" indicator light should glow continually, indicating that the battery pack is fully charged and that the charger is now in a "Maintenance Charge" mode. The battery pack can be left on "Maintenance Charge" until you are ready to use it.

Depending on room temperature, line voltage, and existing charge level, initial battery charging may take longer than one hour.

Disconnect the charger from the power source when not in use.



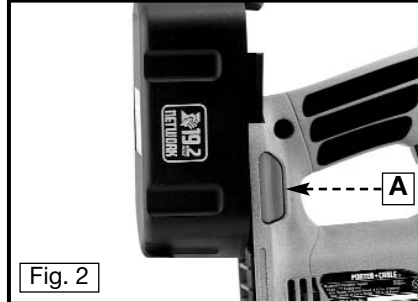
⚠WARNING Always set the trigger switch to the locked "OFF" position when installing or removing the battery pack.

TO REMOVE BATTERY PACK:

Depress the battery release button (B) Fig. 2, and pull battery pack out of tool.

TO INSTALL BATTERY PACK:

Align rails (A) Fig. 2, on battery pack with slots on tool and push battery pack onto tool until it locks in place.



DIAGNOSTICS

The Model 8924 Charger is equipped with a diagnostic system that automatically checks the battery pack each time a pack is inserted into the charger. If no problems are found, the charger will automatically switch to "Fast Charge" mode as described in "**NORMAL CHARGING**".

Make sure that the power circuit voltage is the same as that shown on the charger specification plate. Connect the charger to the power source. The red and green lights will flash once to indicate that power is connected properly and the charger is ready for operation.

The charger indicator lights will indicate the following problems:

- If the green light flashes slowly after battery pack is inserted in charger, the battery pack temperature is either too high or too low for charging. If left alone, the charger will continue to monitor the battery pack temperature and will begin charging when the temperature reaches an acceptable level.
- If the red light flashes continuously, the battery pack has failed (pack is not chargeable and requires replacement).

As a battery pack approaches the discharged state, you will notice a sharp drop in tool performance. When the tool is unable to perform, recharge the battery pack. Recharging the battery pack before this condition is reached will reduce the total work life of the pack. Discharging the pack beyond this point can damage the pack.

NOTE: Battery temperature will increase during and shortly after use. Batteries may not accept a full charge if they are charged immediately after use. Allow the battery pack to cool to room temperature before charging for best results.

The battery charger may rest on the four pads provided on the bottom of the case or be mounted on a wall by utilizing the two key hole slots provided.

⚠CAUTION Do not obstruct the vent slots in the top and bottom of charger. Do not charge battery when temperature is BELOW 40°F(4.4°C) or ABOVE 104°F (40°C).

CARTON CONTENTS

The Model 837 Cordless Reciprocating Saw comes with a carrying case, a battery pack, a charger, a 3/16" hex wrench, a bi-metal blade, an instruction manual, and a parts list.

FUNCTIONAL DESCRIPTION

FOREWORD

The Porter-Cable Cordless Reciprocating Saw is designed for cutting wood up to 12" thick, metal up to 3/4" thick, and various other materials, such as plastics, fiberglass, hard rubber, etc.

ASSEMBLY

NOTE: This tool is shipped completely assembled. No assembly time or tools are required.

SELECTING THE BLADE

For best performance, longer blade life, and smoother cut, select the proper blade for the job. When cutting metal, always select a blade that will allow at least three teeth to be engaged in the thickness of workpiece.

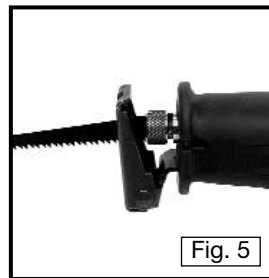
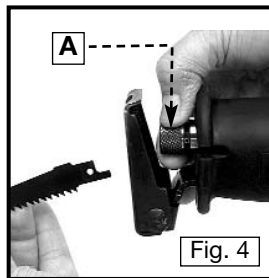
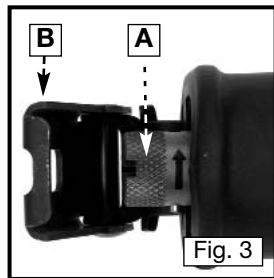
INSTALLING THE BLADE

1. Fully extend the reciprocating shaft to permit access to the *Quik-Change™* blade release collar (A) Fig. 3. If necessary, gently squeeze the trigger switch to move the reciprocating shaft to its outermost position (Fig. 5).

⚠ WARNING REMOVE THE BATTERY.

⚠ CAUTION Avoid contact with the blade teeth to prevent personal injury.

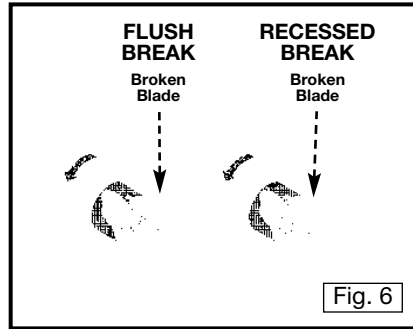
2. Move the guide shoe (B) Fig. 3 forward to access the blade clamp.
3. To open the blade clamp, rotate and hold the blade release collar (A) Fig. 4 counterclockwise (viewed from the front of the saw).
4. Insert the blade into the clamp until it bottoms. Allow the release collar to rotate clock-wise to lock the blade in place (see Fig. 5).
5. To remove the blade, **first remove the battery**. Then reverse steps 2 through 4, and pull the blade from the blade clamp while holding the release collar in the open position.



NOTE: If the blade clamp collar resists rotation, work the blade up and down while rotating the clamp (in a counterclockwise direction).

If the blade breaks, leaving nothing to grasp (to pull it from the clamp), use another blade as a tool to remove the broken piece (Fig. 6). While holding the release collar in the open position, use the tip of another blade to “hook” the broken piece and pull it from the clamp. (A thin, fine-toothed, metal-cutting blade works best.)

Periodically clean the blade clamp with dry compressed air. **DO NOT** lubricate the blade clamp. Lubricant will cause contamination.



CAUTION Wear ANSI Z87.1 safety glasses while using compressed air.

HOW TO HOLD THE SAW

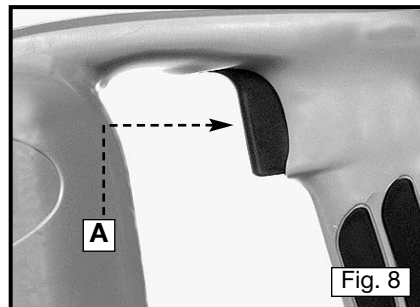
WARNING Exposed metal parts of the tool may be made live if the blade cuts into live wiring within a wall. Hold the saw as shown in Fig. 7.



TO START AND STOP THE SAW

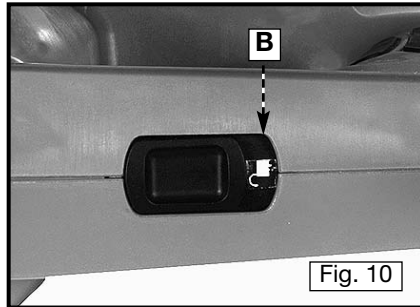
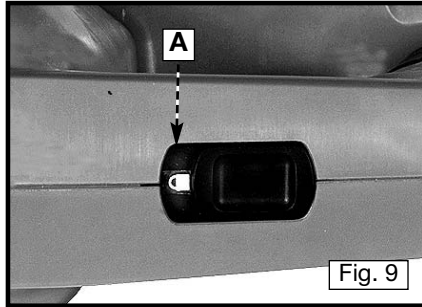
1. Make sure that the battery pack voltage is the same as that shown on the specification plate on the tool. Connect the battery pack to the tool.

2. Hold the saw firmly. Squeeze the trigger switch (A) Fig. 8 to start the motor. Release the trigger switch to stop the motor.



SWITCH LOCK-OUT

▲WARNING Lock the switch in the "OFF" position when not in use (A) Fig. 9. To unlock the switch, slide the switch forward (B) Fig. 10. Unlocking the switch allows the tool to be turned "ON". Squeeze the trigger switch to start the motor.



VARIABLE SPEED

The saw is equipped with a variable speed control (0 to 2900 SPM). As the switch trigger is squeezed, the speed of the saw blade increases.

Use the lower speeds for most metal cutting, and the higher speeds for wood. A few practice cuts at various speeds (on scrap material), will aid you in choosing the best speed for obtaining the desired results on your application.

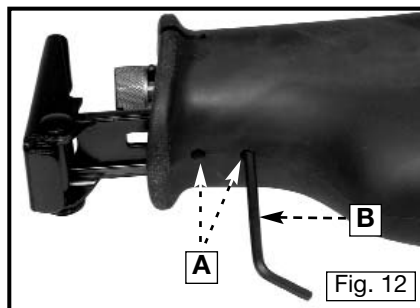
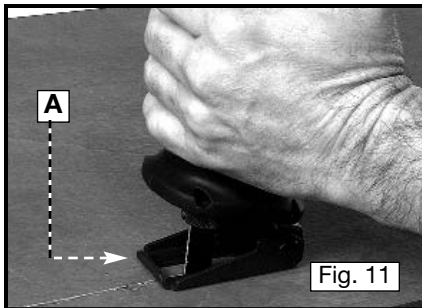
ADJUSTING THE PIVOTING GUIDE SHOE

The guide shoe (A) Fig. 11 serves as a rest while making a cut. It pivots, allowing you to gradually raise the saw handle so that the blade is perpendicular to the work.

Use the supplied hex wrench to adjust the pivoting guide shoe. Loosen the two hex screws located on the bottom of the front gear housing (A) Fig. 12. Loosen both screws enough to allow the pivoting guide shoe to move freely. Adjust to the desired position and securely tighten both screws.

NOTE: Do not adjust the pivoting guide shoe out so far that it loses contact with the back screw. Doing so will cause the guide shoe to be unstable.

After adjusting, securely tighten both screws.



OPERATION

USING THE SAW

BEFORE YOU START TO WORK

Select the blade best suited for the workpiece. For greatest economy, use the shortest blade suitable for the thickness of the workpiece.

Be sure that the workpiece is rigid. Securely clamp small workpieces in a bench vise or to the work table. As the work progresses in scroll or curved cut-out pieces, adjust the material to accommodate the movement of the saw. If the workpiece is large enough, you can hold it only by hand across saw horses. The saw cuts freely with only slight feed pressure. Forcing the saw will not make it cut faster.

SAWING WOOD

The Cordless Reciprocating Saw is used much the same as a hand saw in that it is moved toward you during the cutting operation. However, since the blade cuts on the up-stroke (instead of the down-stroke as in the case of the hand saw), the good or finish side of the work should face down during the cutting operation.

PLUNGE CUTS

The Cordless Reciprocating Saw can be used for plunge cutting wood, plywood, wallboard, and plastic materials. **DO NOT** attempt to plunge cut metal.

Clearly mark the line of cut on the workpiece. Grasp the front housing with one hand and the rear handle with your other hand.

To start the cut, rest the saw on the shoe bracket, align the blade with the marked line of cut. (Fig. 13). Prevent the blade from touching the workpiece.

Start the saw. Using bracket as a pivot point, roll the saw forward by raising the rear handle (Fig. 14) When the blade cuts through the workpiece, continue raising the rear handle until the saw is perpendicular to the work surface. Move the blade along the line of cut.

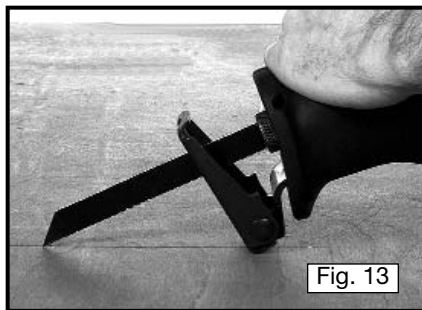


Fig. 13

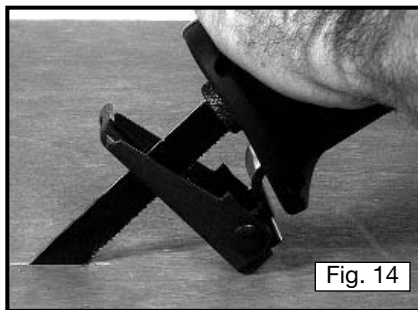


Fig. 14

SAWING METAL

When cutting angle, H-beam, I-beam, channel, etc., start the cut on the surface where the greatest number of teeth will contact the work. To make a pocket cut, drill a starting hole first. To extend blade life, cutting oil can be applied to the work surface along the line of the cut.

TROUBLESHOOTING

For assistance with your tool, visit our website at www.porter-cable.com for a list of service centers or call the Porter-Cable help line at 1-800-487-8665.

MAINTENANCE

KEEP TOOL CLEAN

Periodically blow out all air passages with dry compressed air. All plastic parts should be cleaned with a soft damp cloth. NEVER use solvents to clean plastic parts. They could possibly dissolve or otherwise damage the material.

▲WARNING Wear ANSI Z87.1 safety glasses while using compressed air.

FAILURE TO START

Should your tool fail to start, check to make sure the prongs on the cord plug are making good contact in the outlet. Also, check for blown fuses or open circuit breakers in the line.

LUBRICATION

This tool has been lubricated with a sufficient amount of high grade lubricant for the life of the unit under normal operating conditions. No further lubrication is necessary.

BRUSH INSPECTION

For your continued safety and electrical protection, brush inspection and replacement on this tool should ONLY be performed by an AUTHORIZED PORTER-CABLE SERVICE STATION or a PORTER-CABLE•DELTA FACTORY SERVICE CENTER.

At approximately 100 hours of use, take or send your tool to your nearest authorized Porter-Cable Service Station to be thoroughly cleaned and inspected. Have worn parts replaced and lubricated with fresh lubricant. Have new brushes installed, and test the tool for performance.

Any loss of power before the above maintenance check may indicate the need for immediate servicing of your tool. DO NOT CONTINUE TO OPERATE TOOL UNDER THIS CONDITION. If proper operating voltage is present, return your tool to the service station for immediate service.

SERVICE

REPLACEMENT PARTS

When servicing use only identical replacement parts. For a service parts list or to learn more about Porter-Cable visit our website at www.porter-cable.com

SERVICE AND REPAIRS

All quality tools will eventually require servicing, or replacement of parts due to wear from normal use. For assistance with your tool, visit our website at www.porter-cable.com for a list of service centers or call the Customer Care Department at **1-800-487-8665**. All repairs made by our service centers are fully guaranteed against defective material and workmanship. We cannot guarantee repairs made or attempted by others.

Should you have any questions about your tool, feel free to write us at any time. In any communications, please give all information shown on the nameplate of your tool (model number, type, serial number, etc.).

ACCESSORIES

A complete line of accessories is available from your Porter-Cable•Delta Supplier, Porter-Cable•Delta Factory Service Centers, and Porter-Cable Authorized Service Stations. Please visit our Web Site www.porter-cable.com for a catalog or for the name of your nearest supplier.

▲ WARNING Since accessories other than those offered by Porter-Cable•Delta have not been tested with this product, use of such accessories could be hazardous. For safest operation, only Porter-Cable•Delta recommended accessories should be used with this product.

WARRANTY

PORTER-CABLE LIMITED ONE YEAR WARRANTY

Porter-Cable warrants its Professional Power Tools for a period of one year from the date of original purchase. We will repair or replace at our option, any part or parts of the product and accessories covered under this warranty which, after examination, proves to be defective in workmanship or material during the warranty period. For repair or replacement return the complete tool or accessory, transportation prepaid, to your nearest Porter-Cable Service Center or Authorized Service Station. Proof of purchase may be required. This warranty does not apply to repair or replacement required due to misuse, abuse, normal wear and tear or repairs attempted or made by other than our Service Centers or Authorized Service Stations.

ANY IMPLIED WARRANTY, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WILL LAST ONLY FOR ONE (1) YEAR FROM THE DATE OF PURCHASE.

To obtain information on warranty performance please write to: PORTER-CABLE CORPORATION, 4825 Highway 45 North, Jackson, Tennessee 38305; Attention: Product Service. THE FOREGOING OBLIGATION IS PORTER-CABLE'S SOLE LIABILITY UNDER THIS OR ANY IMPLIED WARRANTY AND UNDER NO CIRCUMSTANCES SHALL PORTER-CABLE BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

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

PORTER-CABLE • DELTA SERVICE CENTERS
(CENTROS DE SERVICIO DE PORTER-CABLE • DELTA)
(CENTRE DE SERVICE PORTER-CABLE • DELTA)

Parts and Repair Service for Porter-Cable • Delta Power Tools are Available at These Locations
(Obtenga Refaccion de Partes o Servicio para su Herramienta en los Siguietes Centros de Porter-Cable • Delta)
(Locations où vous trouverez les pièces de rechange nécessaires ainsi qu'un service d'entretien)

ARIZONA Tempe 85282 (Phoenix) 2400 West Southern Avenue Suite 105 Phone: (602) 437-1200 Fax: (602) 437-2200	GEORGIA Forest Park 30297 (Atlanta) 5442 Frontage Road, Suite 112 Phone: (404) 608-0006 Fax: (404) 608-1123	MINNESOTA Minneapolis 55429 5522 Lakeland Avenue North Phone: (763) 561-9080 Fax: (763) 561-0653	Cleveland 44125 8001 Sweet Valley Drive Unit #19 Phone: (216) 447-9030 Fax: (216) 447-3097
CALIFORNIA Ontario 91761 (Los Angeles) 3949A East Guasti Road Phone: (909) 390-5555 Fax: (909) 390-5554	ILLINOIS Addison 60101 (Chicago) 400 South Rohlwing Rd. Phone: (630) 424-8805 Fax: (630) 424-8895	MISSOURI North Kansas City 64116 1141 Swift Avenue Phone: (816) 221-2070 Fax: (816) 221-2897	OREGON Portland 97230 4916 NE 122 nd Ave. Phone: (503) 252-0107 Fax: (503) 252-2123
San Diego 92111 7638 Clairemont Blvd. Phone: (858) 277-9595 Fax: (858) 277-9696	Woodridge 60517 (Chicago) 2033 West 75th Street Phone: (630) 910-9200 Fax: (630) 910-0360	St. Louis 63119 7574 Watson Road Phone: (314) 968-8950 Fax: (314) 968-2790	PENNSYLVANIA Willow Grove 19090 (Philadelphia) 520 North York Road Phone: (215) 658-1430 Fax: (215) 658-1433
San Leandro 94577 (Oakland) 3039 Teagarden Street Phone: (510) 357-9762 Fax: (510) 357-7939	MARYLAND Elkridge 21075 (Baltimore) 7397-102 Washington Blvd. Phone: (410) 799-9394 Fax: (410) 799-9398	NEW YORK Flushing 11365-1595 (N.Y.C.) 175-25 Horace Harding Expwy. Phone: (718) 225-2040 Fax: (718) 423-9619	TEXAS Carrollton 75006 (Dallas) 1300 Interstate 35 N, Suite 112 Phone: (972) 446-2996 Fax: (972) 446-8157
COLORADO Arvada 80003 (Denver) 8175 Sheridan Blvd., Unit S Phone: (303) 487-1809 Fax: (303) 487-1868	MASSACHUSETTS Franklin 02038 (Boston) Franklin Industrial Park 101E Constitution Blvd. Phone: (608) 520-8802 Fax: (608) 528-8089	NORTH CAROLINA Charlotte 28270 9129 Monroe Road, Suite 115 Phone: (704) 841-1176 Fax: (704) 708-4625	Houston 77043 4321 Sam Houston Parkway, West Suite 180 Phone: (713) 983-9910 Fax: (713) 983-6645
FLORIDA Davie 33314 (Miami) 4343 South State Rd. 7 (441) Unit #107 Phone: (954) 321-6635 Fax: (954) 321-6638	MICHIGAN Madison Heights 48071 (Detroit) 30475 Stephenson Highway Phone: (248) 597-5000 Fax: (248) 597-5004	OHIO Columbus 43214 4560 Indianola Avenue Phone: (614) 263-0929 Fax: (614) 263-1238	WASHINGTON Auburn 98001(Seattle) 3320 West Valley HWY, North Building D, Suite 111 Phone: (253) 333-8353 Fax: (253) 333-9613
Tampa 33609 4538 W. Kennedy Boulevard Phone: (813) 877-9585 Fax: (813) 289-7948			

Authorized Service Stations are located in many large cities. Telephone **800-487-8665** or **731-541-6042** for assistance locating one. Parts and accessories for Porter-Cable • Delta products should be obtained by contacting any Porter-Cable • Delta Distributor, Authorized Service Center, or Porter-Cable • Delta Factory Service Center. If you do not have access to any of these, call **888-848-5175** and you will be directed to the nearest Porter-Cable • Delta Factory Service Center. Las Estaciones de Servicio Autorizadas están ubicadas en muchas grandes ciudades. Llame al **800-487-8665** o al **731-541-6042** para obtener asistencia a fin de localizar una. Las piezas y los accesorios para los productos Porter-Cable • Delta deben obtenerse poniéndose en contacto con cualquier distribuidor Porter-Cable • Delta, Centro de Servicio Autorizado o Centro de Servicio de Fábrica Porter-Cable • Delta. Si no tiene acceso a ninguna de estas opciones, llame al **888-848-5175** y le dirigirán al Centro de Servicio de Fábrica Porter-Cable • Delta más cercano. Des centres de service agréés sont situés dans beaucoup de grandes villes. Appelez au **800-487-8665** ou au **731-541-6042** pour obtenir de l'aide pour en repérer un. Pour obtenir des pièces et accessoires pour les produits Porter-Cable • Delta, s'adresser à tout distributeur Porter-Cable • Delta, centre de service agréé ou centre de service d'usine Porter-Cable • Delta. Si vous n'avez accès à aucun de ces centres, appelez le **888-848-5175** et on vous dirigera vers le centre de service d'usine Porter-Cable • Delta le plus proche.

CANADIAN PORTER-CABLE • DELTA SERVICE CENTERS

ALBERTA Bay 6, 2520-23rd St. N.E. Calgary, Alberta T2E 8L2 Phone: (403) 735-6166 Fax: (403) 735-6144	MANITOBA 1699 Dublin Avenue Winnipeg, Manitoba R3H 0H2 Phone: (204) 633-9259 Fax: (204) 632-1976	QUÉBEC 1515 Ave. St-Jean Baptiste, Suite 160 Québec, P.Q. G2E 5E2 Phone: (418) 877-7112 Fax: (418) 877-7123
BRITISH COLUMBIA 8520 Baxter Place Burnaby, B.C. V5A 4T8 Phone: (604) 420-0102 Fax: (604) 420-3522	ONTARIO 505 Southgate Drive Guelph, Ontario N1H 6M7 Phone: (519) 767-4132 Fax: (519) 767-4131	1447, Begin St-Laurent, (Mtl), P.Q. H4R 1V8 Phone: (514) 336-8772 Fax: (514) 336-3505

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