PORTER-CABLE SERVICE CENTERS (CENTROS DE SERVICIO DE PORTER-CABLE)

Parts and Repair Service for Porter-Cable Power Tools are Available at These Locations (Obtenga Refaccion de Partes o Servicio para su Herramienta en los Siguientes Centros de Porter-Cable)

City of Industry 91745 (Los Angeles) 1305 John Reed Court Phone: (818) 333-3566 Fax: (818) 330-5900

San Leandro 94577 (Oakland) 3039 Teagarden Street Phone: (510) 357-9762 Fax: (510) 357-7939

COLORADO

Denver 80204 2561 West 8th Avenue Phone: (303) 892-6113 Fax: (303) 595-0358

FLORIDA

Hialeah 33014 (Miami) 16373-75 NW 57th Ave. Phone: (305) 624-2523 Fax: (305) 628-2654

Tampa 33609 4538 W. Kennedy Boulevard Phone: (813) 877-9585 Fax: (813) 289-7948

GEORGIA

Morrow 30260 (Atlanta) 1286 Citizens Parkway Suite C Phone: (404) 961-0900

Fax: (404) 961-8624

ILLINOIS

Addison 60101 (Chicago) 311 Laura Drive Phone: (708) 628-6100 Fax: (708) 628-0023

MARYLAND

Ballimore 21227 7397 Washington Blvd. Suite #102 Phone: (410) 799-9394 Fax: (410) 799-9398

MASSACHUSETTS

Franklin 02038 (Boston) Franklin Industrial Park 101E Constitution Blvd Phone: (508) 520-8802 Fax: (508) 528-8089

MICHIGAN

Troy 48083 (Detroit) 1355 Combermore Phone: (810) 597-5000 Fax: (810) 597-5004

MINNESOTA

Minneapolis 55429 4315 68th Avenue North Phone: (612) 561-9080 Fax: (612) 561-0653

MISSOURI

North Kansas City 64116 1141 Swift Avenue P.O. Box 12393 Phone: (816) 221-2070 Fax: (816) 221-2897

St. Louis 63119 7574 Watson Road Phone: (314) 968-8950 Fax: (314) 968-2790

Flushing 11365-1595 (N.Y.C.) 175-25 Horace Harding Expwy. Phone: (718) 225-2040 Fax: (718) 423-9619

NORTH CAROLINA

Charlotte 28209 4303-B South Boulevard Phone: (704) 525-4410 Fax: (704) 525-0618

OHO

Columbus 43214 4560 Indianola Avenue Phone: (614)263-0929 Fax: (614) 263-1238

Cleveland 44125 8001 Sweet Valley Dr. Unit #18 Phone: (216) 447-9030 Fax: (216) 447-3097

PENNSYLVANIA

Philadelphia 19154 12285 McNully Road Phone: (215) 677-7800 Fax: (215) 677-9908

Dallas 75220 10720 N. Stemmons Freeway Phone: (214) 353-2996 Fax: (214) 350-3943

Instruction

PROFESSIONAL POWER TOOLS

Houston 77055 West 10 Business Center 1008 Wirt Road, Suite 120 Phone: (713) 682-0334

Fax: (713) 682-4867 WASHINGTON

Renton 98055 (Seattle) 268 Southwest 43rd Street Phone: (206) 251-6680 Fax: (206) 251-9337

DELTA SERVICE CENTERS

ALBERTA

#10 6320 11th Street S.E. Calgary, Alberta T2H 2L7 Phone: (403) 255-3530 Fax: (403) 258-0767

BRITISH COLUMBIA

8520 Baxter Place Burnaby, B.C. V5A 4T8 Phone: (604) 420-0102 Fax: (604) 420-3522

MANITORA

1699 Dublin Avenue Winnipeg, Manitoba R3H 0H2 Phone: (204) 633-9259 Fax; (204) 632-1976

ONTARIO

644 Imperial Road Guelph, Ontario

Phone: (519) 836-2840 Fax: (519) 836-9352

40 West Pearce St. Unil #2 Richmond Hill, Ontario

14B 1F3 Phone: (416) 771-6111 Fax: (416) 771-6831

QUEBEC

523 Rue Deslauriers St. Laurent, (Montréal) P.Q. H4N 1W2 Phone: (514) 336-8772 Fax! (514) 336-3505

Suite 202 2022 Rue Lavoisier Ste. Foy, Québec. Québec G1N 4L5 Phone: (418) 681-7305

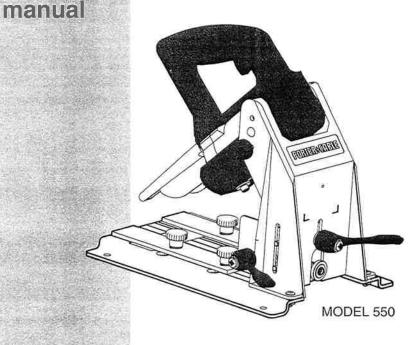
Fax: (418) 681-1695

Authorized Service Stations are located in all large cities. For the one nearest you, see the classified section in your phone book (under "Tools-Electric"), (Hay Estaciones de Servicio Autorizado en todas las ciudades grandes. Vea la lista en su directorio teletónico baio "Tools-Electric" (Herramientas Electricas).)

The following are trademarks of PORTER-CABLE Corporation (Las siguientes son marcas registradas de PORTER-CABLE S.A.): PORTER-CABLE®, HAMMER-HEAD®, LASERLOC®, OMNIJIG®, POCKET CUTTER®, PORTA-BAND®, PORTA-PLANE®, QUICKSAND®, VERSA-PLANE®, SAW BOSS®, SPEED-BLOC®, SPEEDMATIC®, SPEEDTRONIC®, STAIR-EASE®, THE PROFESSIONAL EDGE®, TIGER CUB®, TIGER® SAW, DURATRONIC™, FRAME SAW™, MICRO-SET™, MORTEN™, QUIK-CHANGE™, SANDTRAP™, TRU-MATCH™, WOODWORKER'S CHOICE™.

ESPAÑOL: PAGINA 15

Double Insulated POCKET CUTTER®



IMPORTANT

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

The Model and Serial No. plate is located on the main

housing of the tool. Record these numbers spaces below and retain for future reference.	
Model No.	_

Model No.	
Туре	
Serial No	

Part No. 884200-5910

IMPORTANT SAFETY INSTRUCTIONS

WARNING: When using electric tools, basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury, including the following:

READ AND FOLLOW ALL INSTRUCTIONS.

There are certain applications for which this tool was designed. Porter-Cable strongly recommends that this tool 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 tool until you have written Porter-Cable and we have advised you.

Product Manager Porter-Cable Corporation 4825 Highway 45 North P.O. Box 2468 Jackson, TN 38302-2468

POLARIZED PLUGS: To reduce the risk of electric shock, this equipment has 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 the proper outlet. Do not change the plug in any way.

- 1. KEEP WORK AREA CLEAN. Cluttered areas and benches invite injuries.
- 2. AVOID DANGEROUS ENVIRONMENT. Don't expose power tools to rain. Don't use power tools in damp or wet locations. Keep area well lit. Avoid chemical or corrosive environment. Do not use tool in presence of flammable liquids or gases.
- **3. GUARD AGAINST ELECTRIC SHOCK.** Prevent body contact with grounded surfaces. For example: pipes, radiators, ranges, refrigerator enclosures.
- **4. KEEP CHILDREN AWAY.** Do not let visitors contact tool or extension cord. All visitors should be kept away from work area.
- **5. STORE IDLE TOOLS.** When not in use, tools should be stored in dry, and high or locked-up place out of reach of children.
- **6. DON'T FORCE TOOL.** It will do the job better and safer at the rate for which it was intended.
- 7. **USE RIGHT TOOL.** Don't force small tool or attachment to do the job of a heavy duty tool. Don't use tool for purpose not intended for example do not use a circular saw for cutting tree limbs or logs.
- **8. DRESS PROPERLY.** Do not wear loose clothing or jewelry. Loose clothing, draw strings and jewelry can be caught in moving parts. Rubber gloves and non-skid footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.
- 9. USE SAFETY GLASSES. Wear safety glasses or goggles while operating power tools. Also face or dust mask if operation creates dust. All persons in the area where power tools are being operated should also wear safety glasses and face or dust mask.
- **10. DON'T ABUSE CORD.** Never carry tool by cord or yank it to disconnect from receptacle. Keep cord from heat, oil, and sharp edges. Have damaged or worn power cord and strain reliever replaced immediately. DO NOT ATTEMPT TO REPAIR POWER CORD.

- 11. SECURE WORK. Use clamps or a vise to hold work. It's safer than using your hand and it frees both hands to operate tool.
- 12. DON'T OVERREACH. Keep proper footing and balance at all times.
- 13. MAINTAIN TOOLS WITH CARE. Keep tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing accessories. Inspect tool cords periodically and if damaged, have repaired by authorized service facility. Inspect extension cords periodically and replace if damaged. Have all worn, broken or lost parts replaced immediately. Keep handles dry, clean and free from oil and grease.
- 14. DISCONNECT TOOLS when not in use, before servicing, and when changing accessories such as blades, bits, cutters, etc.
- 15. REMOVE ADJUSTING KEYS AND WRENCHES. Form habit of checking to see that keys and adjusting wrenches are removed from the tool before turning it on.
- **16. AVOID UNINTENTIONAL STARTING.** Do not carry a plugged-in tool with finger on switch. Be sure switch is off when plugging in. Keep hands, body and clothing clear of blades, bits, cutters, etc., when plugging in the tool.
- 17. USE PROPER EXTENSION CORD. 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 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 of tool. If in doubt, use the next heavier gage. The smaller the gage number, the heavier the cord.

		VOLTS TOTAL LENGTH OF CORD IN F		V FEET		
		120 V	25 ft.	50 ft.	100 ft.	150 ft.
AMPERE RATING		240 V	50 ft.	100 ft.	200 ft.	300 ft.
More Than	Not More Than			AWG		
0	6		18	16	16	14
6	10		18	16	14	12
10	12		16	16	14	12
12	16		14	12	Not recommended	

- 18. STAY ALERT. Watch what you are doing. Use common sense. Do not operate tool when you are tired or while under the influence of medication, alcohol or drugs.
- 19. CHECK 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 by an authorized service center unless otherwise indicated elsewhere in this instruction manual. Have defective switches replaced by authorized service center. Do not use tool if switch does not turn it on and off.
- 20. WEAR EAR PROTECTION to safeguard against possible hearing loss.

SAVE THESE INSTRUCTIONS

ADDITIONAL SAFETY RULES FOR POCKET CUTTER®

- 1. **KEEP GUARD IN PLACE AND IN WORKING ORDER.** Check operation before each use. Do not use if guard does not close briskly over cutter bit.
- 2. ALWAYS DISCONNECT MACHINE from power source before making adjustments or changing bits.
- **3. ENGAGE TRANSPORT LOCK** in UP position before making adjustments or changing bits (see page 6).
- **4. ALWAYS BE SURE** collet nut is securely tightened to prevent the bit from slipping during use.
- 5. **KEEP HANDS CLEAR** of cutter when motor is running to prevent personal injury.
- 6. BE SURE CUTTER BIT is clear of work before starting motor.
- 7. KEEP CUTTING PRESSURE CONSTANT. Do not overload the motor.
- 8. **NEVER TOUCH** cutter bits after use, since they may be extremely hot.
- 9. BOLT OR CLAMP MACHINE to workbench.
- **10. NEVER TIGHTEN** collet nut without bit inserted. This will deform collet making it impossible to insert bit.
- 11. DO NOT LEAVE TOOL until the tool comes to a complete stop.
- **12. SOME WOOD CONTAINS PRESERVATIVES WHICH CAN BE TOXIC.** Take extra care to prevent inhalation and skin contact when working with these materials. Request, and follow, any safety information available from your material supplier.

REPLACEMENT PARTS

When servicing use only identical replacement parts.

MOTOR

Many Porter-Cable tools will operate on either D.C., or single phase 25 to 60 cycle A.C. current and voltage within plus or minus 5 percent of that shown on the specification plate on the tool. Several models, however, are designed for A.C. current only. Refer to the specification plate on your tool for proper voltage and current rating.

CAUTION: Do not operate your tool on a current on which the voltage is not within correct limits. Do not operate tools rated A.C. only on D.C. current. To do so may seriously damage the tool.

OPERATING INSTRUCTIONS

FOREWORD

The Porter-Cable Model 550 Pocket Cutter® is designed to cut $\frac{5}{16}$ " wide slots, $\frac{5}{16}$ " to $\frac{3}{4}$ " deep, in material that is $\frac{5}{6}$ " to $\frac{1}{2}$ " thick and at least $\frac{11}{16}$ " wide. An adjustable guide bushing provides accurate drill alignment for drilling a $\frac{7}{64}$ " diameter screw hole.

The pocket cutter should be bolted or clamped to a workbench to prevent movement during operation. A 1" wide by 12" long flange is provided on each side of the machine for clamping; and four, 5/16" diameter holes (7½" by 10" pattern) are provided for bolting the machine to a workbench. In some applications it may be more convenient to bolt the machine to a piece of plywood and then clamp the plywood to the workbench.

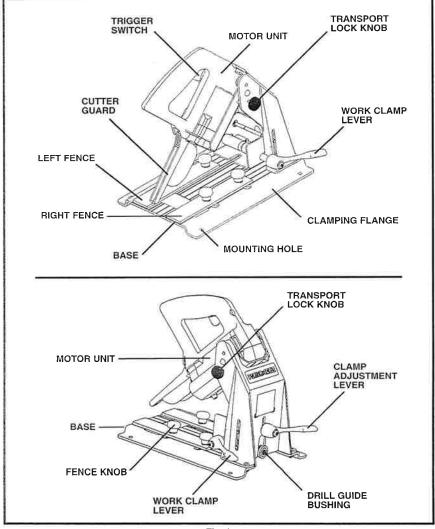


Fig. 1

TRANSPORT LOCK

The Pocket Cutter is equipped with a transport lock. Use the transport lock to lock the motor unit in the UP position before making adjustments or changing bits. Use the transport lock to lock the motor in the DOWN position before transporting or storing the Pocket Cutter.

When the transport lock is engaged with the motor in the UP position, the lock prevents the motor from falling and striking the user while making adjustments or changing bits.

When the transport lock is engaged with the motor in the DOWN position, the Pocket Cutter may be carried by the handle (like a suitcase). The transport lock should be engaged (in the DOWN position) before placing the Pocket Cutter into its carrying case.

The Pocket Cutter is shipped with the transport lock engaged in the DOWN position. To operate transport lock:

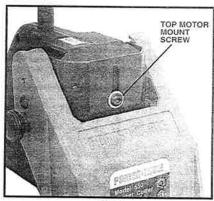
1. Remove Pocket Cutter from carrying case and place on a work bench.

CAUTION: DO NOT CONNECT TOOL TO POWER SOURCE.

2. Push downward on the handle while turning the transport lock knob (see Fig. 1) counterclockwise FOUR TO SIX FULL TURNS to release lock.

NOTE: Failure to turn lock knob at least four full turns can result in damage to Pocket Cutter.

- 3. Pivot motor unit up and down while checking for free movement. When released, the motor unit should tilt to approximately 45° as shown in Fig. 1.
- 4. Engage the transport lock in the UP position before making adjustments or changing bits. TO ENGAGE: Tilt the motor unit into the UP position and hold while turning the lock knob clockwise until tight. TO RELEASE: Lift up on the motor unit and hold while turning transport lock knob (see Fig. 1) counterclockwise FOUR TO SIX FULL TURNS to release lock. Slowly lower motor and check for free movement.
 - **NOTE:** Failure to turn lock knob at least four full turns can result in damage to Pocket Cutter.
- 5. Engage the transport lock in the DOWN position before moving or storing the Pocket Cutter. TO ENGAGE: Push motor unit down against the motor stop screw (see Fig. 3) and hold while turning the lock knob clockwise until tight.



LOWER MOTOR MOUNT SCREW

SLIDE MOTOR UP

TOP MOTOR MOUNT SCREW

Fig. 2

Fig. 3

TO START AND STOP THE POCKET CUTTER

CAUTION: DO NOT CONNECT POCKET CUTTER TO POWER SOURCE until you have read and understand this entire manual.

1. Squeeze the trigger switch (see Fig. 1) to start motor. Release trigger switch to stop motor.

NOTE: A hole is provided in the switch trigger so that a padlock with a ½" shackle may be used to lock the switch in the OFF position, preventing unauthorized use of the machine.

INSTALL POCKET CUTTER BIT

CAUTION: DISCONNECT MACHINE FROM POWER CIRCUIT.

1. Use 5/32" hex wrench (furnished with Pocket Cutter) to loosen top motor mounting screw.

CAUTION: Tilt motor to the UP position and engage transport lock.

- 2. Tilt motor unit upside-down (see Fig. 3) and hold while loosening lower motor mounting screw and sliding motor UP to the maximum depth-of-cut position; tighten lower motor mounting screw.
- 3. Clean and insert shank of the special Pocket Cutter Bit (43115) into collet until the shoulder on bit shank bottoms on collet.

CAUTION: Use special Pocket Cutter Bit 43115 ONLY. The use of any other bit could cause personal injury and damage to work or machine.

- 4. Depress spindle lock (Fig. 4) and rotate collet nut clockwise by hand until lock engages hole in motor spindle.
- 5. While holding spindle lock engaged, tighten collet nut securely by turning clockwise using wrench provided.

CAUTION: Do not hold guard while installing or removing bit. The guard could be damaged reducing its effectiveness.

- 6. Release transport lock and adjust depth of cut (see ADJUST DEPTH OF CUT). NEVER TIGHTEN COLLET WITHOUT BIT INSERTED, TO DO SO MAY CAUSE DAMAGE TO COLLET.
- 7. To remove bit, reverse above procedure.

CAUTION: Never touch bit immediately after use, as the bit may be very hot.

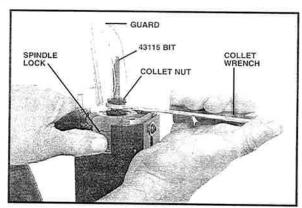


Fig. 4

ADJUST DEPTH OF CUT

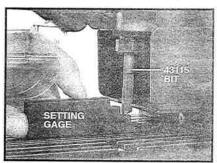
CAUTION: DISCONNECT MACHINE FROM POWER CIRCUIT.

1. Tilt motor unit up and hold while loosening lower motor mounting screw (see Fig. 3).

CAUTION: Maintain hold on motor unit with one hand during the entire depth of cut adjustment procedure to prevent injury from falling motor. The transport lock cannot be used to restrain falling motor during this procedure.

- 2. Tilt motor unit down and loosen top motor mounting screw (see Fig. 2).
- 3. Position the setting gage (furnished with Model 550, see Fig. 5) onto the machine base. The setting gage has five steps that are marked with standard material thicknesses.
- 4. Tilt the motor unit down against stop with the tip of the bit resting on the setting gage step that corresponds to the material thickness to be cut.
- 5. Tighten the top motor mounting screw securely.
- 6. Tilt motor unit up. Remove setting gage. Tighten the lower motor mounting screw securely.
- 7. Tilt motor unit down against return spring and release.

NOTE: The distance between the end of the workpiece and the cut slot is factory set at ³/₄". This distance can be varied by adjusting the motor stop screw (see Fig. 5A).



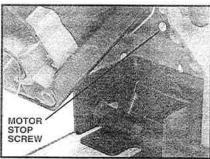


Fig. 5

Fig. 5A

CAUTION: DISCONNECT MACHINE FROM POWER CIRCUIT BEFORE MAKING ANY ADJUSTMENTS:

CAUTION: Tilt motor to the UP position and engage transport lock. After making adjustments: release transport lock, position motor unit against stop and rotate bit by hand to make sure cutting edge does not contact any part of the machine.

ADJUST WORK CLAMP

CAUTION: DISCONNECT MACHINE FROM POWER CIRCUIT. **CAUTION:** Tilt motor to the UP position and engage transport lock.

- 1. Rotate the work clamp lever CLOCKWISE to the OPEN position (see Fig. 6).
- 2. Rotate the clamp adjustment lever COUNTERCLOCKWISE to loosen.

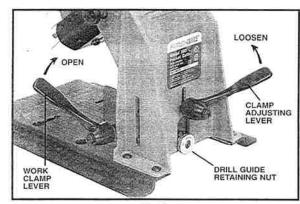


Fig. 6

- 3. Lift the adjustment lever to raise clamp assembly and insert a piece of scrap material (same thickness as planned work) underneath the clamp plate (see Fig. 7). Seat the scrap material against the drill guide bushing.
- 4. Lower clamp assembly until it contacts the scrap material and firmly tighten the clamp adjustment lever.

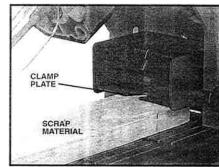


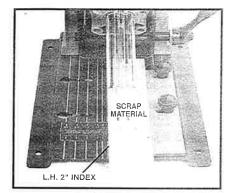
Fig. 7

- 5. Rotate the work clamp lever COUNTERCLOCKWISE to the CLAMPED position (see Fig. 8). The scrap material should now be FIRMLY clamped to the Pocket Cutter base. If the clamp is too tight (will not fully close to the CLAMPED position), repeat steps 1 through 5, RAISING the clamp assembly slightly. If the clamp is too loose (material is not FIRMLY clamped), repeat steps 1 through 5 LOWERING the clamp assembly slightly.
- 6. Lift up on the motor unit and hold while turning transport lock knob counterclockwise FOUR TO SIX FULL TURNS to release lock. Slowly lower motor and check for free movement.

NOTE: Both the work clamp lever and the clamp adjustment lever are mounted on hex shaped hubs. This permits lever orientation to be adjusted to suit individual preferences. TO ADJUST: Loosen lever retaining screw, pull lever outward and rotate to desired position, push lever back onto hex hub, and tighten retaining screw.

POSITIONING THE POCKET CUT

It is recommended that a minimum of two pocket cuts be used at each joint. The pocket cuts can be positioned on the workpiece using one of the three methods described below. The base of the Pocket Cutter is ribbed. These ribs are located so that they can be used as alignment guides to help position the work to the pocket cutter. A scale on the base of the Pocket Cutter indicates the ribs recommended for locating various sizes of material.



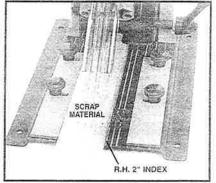


Fig. 8

Fig. 9

CAUTION: DISCONNECT POCKET CUTTER FROM POWER SOURCE, tilt motor to the UP position and engage transport lock before making any adjustment,

NOTE: When working with wide materials it will be necessary to remove the fences: loosen the four fence clamp knobs, slide the fences to their outermost positions and lift them off machine. Tighten knobs lightly and store fence assemblies for future use.

POSITION TO THE FENCES

The fences are primarily used for material that is 3" OR LESS in width. They are will suited for STYLE AND RAIL type construction. When adjusted as described below, they easily produce two pocket cuts per joint, with 50% of the material width between the screw holes, and 25% of the material width between each screw hole and the adjacent edge of the material.

- 1. **CAUTION:** DISCONNECT POCKET CUTTER FROM POWER SOURCE, tilt motor to the UP position and engage transport lock.
- 2. Loosen the four fence clamp knobs and slide the fences outward to provide space for positioning the workpiece onto the Pocket Cutter base.
- 3. Place a piece of scrap material (same width as planned work) onto the Pocket Cutter base and align the LEFT side of the material (see Fig. 8) with the LEFT rib index (corresponding to material width). Seat material against the drill guide bushing.
- 4. Rotate the work clamp lever counterclockwise to clamp the material.
- 5. Position the RIGHT fence against the workpiece and tighten the two fence clamp knobs.
- 6. Loosen the work clamp and move the scrap material to align its RIGHT edge with the RIGHT rib index (see Fig. 9).
- 7. Tighten work clamp. Move LEFT fence against scrap material and tighten fence clamp knobs.
- 8. Lift up on the motor unit and hold while turning transport lock knob counterclockwise FOUR TO SIX FULL TURNS to release lock. Slowly lower motor and check for free movement.

POSITION TO INDEX RIBS

The index ribs are primarily used for material that is 3" to 10" in width.

- 1. **CAUTION:** DISCONNECT POCKET CUTTER FROM POWER SOURCE, tilt motor to the UP position and engage transport lock.
- 2. Remove fences from Pocket Cutter.
- 3. To position workpiece for RIGHT cut, place the workpiece into machine (see Fig. 10) so that its RIGHT edge aligns with the RIGHT index rib (corresponding with the material width). Rotate work clamp lever counterclockwise to secure workpiece to machine.
- 4. To position workpiece for LEFT cut, place the workpiece into machine so that its LEFT edge aligns with the LEFT index rib. Rotate work clamp lever counterclockwise to secure workpiece to machine.
- 5. Lift up on the motor unit and hold while turning transport lock knob counterclockwise FOUR TO SIX FULL TURNS to release lock. Slowly lower motor and check for free movement.

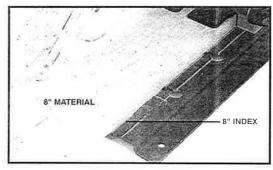


Fig. 10

POSITION TO A MARK

Positioning to a mark is primarily used on material MORE THAN 10" wide.

- 1. **CAUTION:** DISCONNECT POCKET CUTTER FROM POWER SOURCE, tilt motor to the UP position and engage transport lock.
- 2. Remove fences from machine.
- 3. Place a pencil mark on the workpiece at each location a pocket cut is desired.
- 4. Place material to Pocket Cutter aligning a pencil mark with the center of the "V"-notch in the work clamp roller (see Fig. 11). Rotate work clamp lever counterclockwise to secure workpiece to machine.
- 5. Lift up on the motor unit and hold while turning transport lock knob counterclockwise FOUR TO SIX FULL TURNS to release lock. Slowly lower motor and check for free movement.

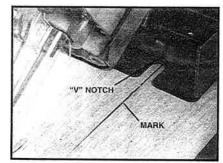


Fig. 11

DRILL GUIDE BUSHING

The drill guide bushing is factory adjusted to align the drilled hole %" below the material surface. The guide bushing moves up and down with the clamp assembly so that this location is maintained for any material thickness. We recommend this position for all pocket cuts.

CAUTION: DISCONNECT POCKET CUTTER FROM POWER SOURCE, tilt motor to the UP position and engage transport lock before making adjustment.

The drill guide bushing location may be changed to meet individual preferences by loosening the retaining nut (see Fig. 6); move bushing to desired location and tighten retaining nut.

The drill guide bushing may be returned to its original setting as follows:

- 1. **CAUTION:** DISCONNECT POCKET CUTTER FROM POWER SOURCE, tilt motor to the UP position and engage transport lock.
- 2. Loosen the guide bushing retaining nut.
- 3. Pick the step on the setting gage (same gage used to set DEPTH OF CUT) that corresponds to the material thickness that the work clamp is set for.
- 4. Position the gage under the guide bushing so that the bottom of the bushing rests on the appropriate gage step.
- 5. Tighten the guide bushing retaining nut.
- 6. Lift up on the motor unit and hold while turning transport lock knob counterclockwise FOUR TO SIX FULL TURNS to release lock. Slowly lower motor and check for free movement.

MAKE POCKET CUT

It is recommended that you make several practice cuts in scrap material to thoroughly familiarize yourself with the operation of the Pocket Cutter and to verify all settings before starting your actual project.

- 1. Install Pocket Cutter bit, adjust depth of cut and work clamp as previously instructed. Adjust fences if required.
- 2. Make sure switch is OFF and power circuit voltage is the same as the voltage shown on the specification plate on the machine. Connect machine to power circuit.
- 3. Place material into machine (align using one of the methods described in POSITIONING THE POCKET CUT), tighten work clamp securely.
- 4. Turn machine ON and slowly pivot machine into work until motor unit hits stop.
- 5. Release trigger switch and pivot machine out of work. DO NOT RELEASE WORK CLAMP.

CAUTION: The Cutter will continue to rotate for several seconds after the machine is turned OFF. Keep clear of Cutter to prevent personal injury. DO NOT release work clamp before bit rotation has stopped.

MAKE SURE POCKET CUTTER BIT IS CLEAR OF WORK BEFORE DRILLING SCREW HOLE.

6. BEFORE RELEASING WORK CLAMP, drill clearance hole for screw (see Fig. 12).

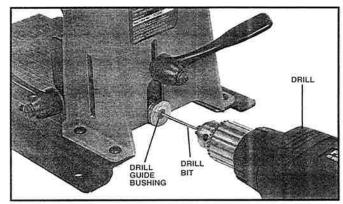


Fig. 12

- 7. Release work clamp and remove material. Repeat as required.
- 8. Retighten collet after each fifty (50) cuts made, to prevent bit slippage.

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.

CAUTION: Wear 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

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; worn parts replaced, when necessary; relubricated with fresh lubricant, if required; reassembled with new brushes; and performance tested.

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 AND REPAIRS

All quality tools will eventually require servicing or replacement of parts due to wear from normal use. These operations, including brush inspection and replacement, should ONLY be performed by either an AUTHORIZED PORTER-CABLE SERVICE STATION or a PORTER-CABLE SERVICE CENTER. All repairs made by these agencies are fully guaranteed against defective material and workmanship. We cannot guarantee repairs made or attempted by anyone other than these agencies.

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

The testing of this tool has been accomplished with the following accessories. For safest operation, it is recommended that only these accessories be used with this product.

WARNING: Since accessories other than those listed have not been tested with this product, use of such accessories could be hazardous.

43115	Pocket Cutter Bit
5501	11/4" Square Drive Screws (100 pcs)
5502	11/2" Square Drive Screws (100 pcs)
5503	7/64" Drill Bit (Extra Long)
5504	Square Drill Bit (6" Long)
44745	Collet Wrench
48245	Hex Wrench
876689	Setting Gage

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 as listed under "TOOLS-ELECTRIC" in the Yellow Pages of your telephone directory. 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, P.O. Box 2468, Jackson, Tennessee 38302-2468; 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.