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Instruction manual

Double Insulated Hammer-Drill



Serial No.

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

http://www.porter-cable.com



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 in the spaces below and retain for future reference.
Model No
Type

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Part No. 901010 - 02-11-05

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IMPORTANT SAFETY INSTRUCTIONS

AWARNING
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 01.1Safety Requirements for Woodworking Machines, and the U.S. Department of Labor regulations www.osha.gov

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.



A 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.

ACAUTION

indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

CAUTION

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

CALIFORNIA PROPOSITION 65

AWARNING 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

AWARNING 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.

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.

ADDITIONAL SPECIFIC SAFETY RULES

- Wear ear protectors with impact drills. Exposure to noise can cause hearing loss.
- Use auxiliary handles supplied with the tool. Loss of control can cause personal injury.
- 3. Hold power tools 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.
- 4. Verify the direction of rotation before starting the tool. Never attempt to change direction of rotation while switch is "ON". To do so, may damage interlock feature built into switch. Be sure switch is "OFF" and motor has completely stopped before changing direction of rotation.
- Always use auxiliary handle to prevent injury that may result from loss of control because of high rotational force.
- **6. Apply forward force only** on pistol grip handle and ONLY with your hands when drilling. Use auxiliary handle to resist rotational force.
- 7. **Do not use bits larger than those recommended.** They may cause personal injury due to jamming and loss of control. Large bits may also overload the drill and damage the motor and gears.
- **8.** Use only the chuck key to tighten or loosen the chuck.
- Verify that the mode selecting knob, the speed shift knob, and the reversing switch are in correct positions for the operation being performed.
- **10. Never hold work in hand, lap, or against other parts of the body** when drilling or hammer-drilling; to avoid injury from contact with the drill bit.
- 11. Use only percussion-type carbide-tipped bits when hammer-drilling.
- Do not attempt to cut through reinforcing rods with percussion-type bits.
- 13. Should the drill bit become jammed in the work, release switch trigger immediately to prevent personal injury. Disconnect the drill from the power circuit and remove the drill bit from the work. Do not attempt to free the stalled bit by starting and stopping the motor. This could result in bodily injury.
- **14.** 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.
- 15. AWARNING 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.

SYMBOL		DEFINITION
V		volts
Α		•
Hz		
W		
kW		
F_		
μF		
l .		
g		S .
kg		
bar Pa		
га h		·
min		
S		
n _o		
-		·
		Revolutions or reciprocations per minute
oi	r d.c	direct current
\bigcirc o	ra.c	alternating current
2 ~		two-phase alternating current
2N / U		two-phase alternating current with neutral
3 ′ ∪		three-phase alternating current
3N / C		three-phase alternating current with neutral
—— A		rated current of the appropriate fuse-link in amperes
<u></u>	for	time-lag miniature fuse-link where X is the symbol the time/current characteristic, as given in IEC 60127
\oplus		protective earth
		class II tool
IPXX		IP symbol

SAVE THESE INSTRUCTIONS!

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.

EXTENSION CORD SELECTION

If an extension cord is used, make sure the conductor size is large enough to prevent excessive voltage drop which will cause loss of power and possible motor damage. A table of recommended extension cord sizes will be found in this section. This table is based on limiting line voltage drop to 5 volts (10 volts for 230 volts) at 150% of rated amperes.

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.

	Length of Cord in Feet									
	115V	25 Ft.	50 Ft.	100 Ft.	150 Ft.	200 Ft.	250 Ft.	300 Ft.	400 Ft.	500 Ft.
	230V	50 Ft.	100 Ft.	200 Ft.	300 Ft.	400 Ft.	500 Ft.	600 Ft.	800 Ft.	1000 Ft.
	0-2	18	18	18	16	16	14	14	12	12
_	2-3	18	18	16	14	14	12	12	10	10
Rating	3-4	18	18	16	14	12	12	10	10	8
Ra	4-5	18	18	14	12	12	10	10	8	8
e e	5-6	18	16	14	12	10	10	8	8	6
Ampere	6-8	18	16	12	10	10	8	6	6	6
	8-10	18	14	12	10	8	8	6	6	4
late	10-12	16	14	10	8	8	6	6	4	4
leb	12-14	16	12	10	8	6	6	6	4	2
Nameplate	14-16	16	12	10	8	6	6	4	4	2
-	16-18	14	12	8	8	6	4	4	2	2
	18-20	14	12	8	6	6	4	4	2	2

SAVE THESE INSTRUCTIONS!

CARTON CONTENTS

Carton contents for this unit include the hammer drill, a handle, a depth rod, an instruction manual, a parts list, and a carrying case.

FUNCTIONAL DESCRIPTION

FOREWORD

Your Porter-Cable Hammer-Drill is designed to drill holes of various sizes in steel and concrete as indicated in the following chart:

MODEL	SPEED	MATERIAL	MAX. HOLE DIA.
	0-1000 rpm	Steel	1/2"
7751		Concrete	3/4"
	0-2500 rpm	Steel	⁵ /16"
	-	Concrete	³ / ₈ "

ASSEMBLY

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

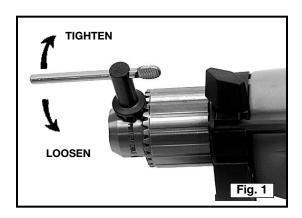
INSTALLING AND REMOVING DRILL BITS

AWARNING Disconnect tool from power source!

- 1. The three-jaw chuck is designed for self-centering of the drill bit. Open the jaws by turning the outer sleeve counter-clockwise (when viewing the chuck from the bit end), so that bit shank can be inserted easily.
- Clean and insert the smooth end of the drill bit into the chuck as far as it will go, then back it out approximately 1/16", or up to the flutes for small bits.
- 3. While holding the bit with one hand, turn the outer sleeve clockwise until the chuck grips the bit.
- Tighten the chuck insert the chuck key into each of 3 keyholes in the chuck body (Fig. 1) and tighten each securely by turning the key clockwise.

ACAUTION Remove the chuck key before starting the tool.

5. To remove the bit, reverse the procedure.

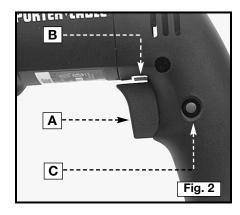


OPERATION

TO START AND STOP THE DRILL

AWARNING Disconnect tool from power source!

- Squeeze the trigger switch (A)
 Fig. 2 to start the motor.
 Release the trigger switch to
 stop the motor. For a slow
 speed, slightly squeeze the
 trigger switch. For the fastest
 speed, squeeze the trigger
 switch all the way.
- A lock button (C) Fig. 2 is provided to keep the motor running without holding the trigger switch "ON". To lock the trigger switch "ON", squeeze the trigger switch as far as it will go, push in the lock button (C) and release the trigger.



To free the lock button, squeeze the trigger and release.

NOTE: The lock button can be engaged only when the drill is running at maximum speed.

ACAUTION Never use the lock button when you may have to stop the drill suddenly.

3. This model is provided with a reversing switch (B) Fig. 2, and will operate in either the forward direction (clockwise rotation) for drilling holes, or the reverse direction (counter-clockwise rotation). For counter-clockwise rotation, stop the motor by releasing the trigger switch, and move the reversing switch toward the right side of the drill (or in the opposite direction for clockwise rotation).

NOTE: Never attempt to change the direction of rotation while the switch is "**ON**". To do so may damage the interlock feature built into the switch. Be certain that the switch is "**OFF**" and that the motor has completely stopped before changing direction of rotation.

AWARNING Be sure that the switch is "OFF" before connecting the drill to the power circuit.

4. Connect the drill to the power circuit. Make sure that the power circuit voltage is the same as that shown on the specification plate of the drill.

DRILLING OR HAMMER-DRILLING

Select the mode of operation by rotating the mode selecting knob (A) Fig. 3 in either direction (clockwise or counterclockwise). With the "D" toward the indicating mark (B) Fig. 3 on the gear case, the drill is in the drilling mode. With the "H" toward the indicating mark, the drill is in the hammering mode. You can change the mode of operation while the drill is running.

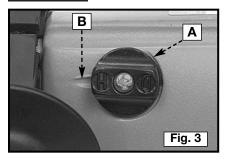
TWO SPEED GEAR SHIFT

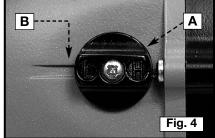
The Model 7751 Hammer-Drill has a two speed gear shift that provides a high speed of approximately 2500 RPM and a low speed of approximately 1000 rpm (with the trigger switch in "Full-On" position).

AWARNING Disconnect tool from power source!

For high speed operation, rotate the speed selecting knob (A) Fig. 4 clockwise aligning the "H" with the indicating mark (B) Fig. 4. For low speed operation, rotate the knob counter-clockwise, aligning the "L" with the indicating mark. You may need to rotate the chuck by hand while rotating the knob.

CAUTION Do not shift speeds while the tool is running.



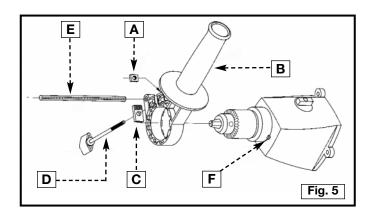


ATTACHING THE AUXILIARY HANDLE

A WARNING Use this auxiliary handle and hold it as illustrated in Fig. 6 to resist rotational force and to prevent accidental electrical shock, resulting from cutting a live wire when drilling into a wall or other blind areas. Use this auxiliary handle during all drilling operations.

AWARNING Disconnect tool from power source!

- 1. Insert the square nut (A) Fig. 5 into the recess in the auxiliary handle (B).
- 2. Position the clamping plate (C) on the auxiliary handle with the serations over the hex opening.



- 3. Insert the clamping screw (D) through the clamping plate (C), and the auxiliary handle (B). Thread it into the nut (A). Do not tighten.
- 4. Slide the auxiliary handle assembly over the chuck and on the front of the gear case.
- 5. Locate the handle in the desired position and align the recesses in the handle to engage the bosses (F) Fig. 5 on the gear case. The handle may be located in any one of 12 positions (360°) around the gear case.
- 6. Tighten the clamping screw (D) securely.

INSTALLING AND ADJUSTING THE DEPTH GAUGE

AWARNING Disconnect tool from power source!

- 1. Loosen the clamping screw (D) Fig. 5.
- 2. Insert the depth rod (E) Fig. 5 through the hole in the auxiliary handle being certain that the serations of the rod engage the serations on the clamping plate (C).
- 3. Tighten the clamping screw (D) securely to retain both the auxiliary handle and the depth gauge.
- Install a drill bit as instructed in "INSTALLING AND REMOVING DRILL BITS".
- 5. Loosen the clamping screw (D) Fig. 5 and adjust the depth gauge so that the distance from the end of the depth gauge to the tip of the drill bit is equal to the desired depth of the hole.

NOTE: If the depth gauge interferes with the drill housing, remove the auxiliary handle from the gear case, turn it over and reassemble.

6. Tighten the clamping screw (D) securely.

HOW TO HOLD THE HAMMER-DRILL

AWARNING The front end of the drill may be made live if tool drills into live wiring in a wall. **TO PREVENT ACCIDENTAL ELECTRICAL SHOCK, HOLD THE DRILL AS SHOWN IN FIG. 6.**

Apply forward force **ONLY** on the pistol grip handle and **ONLY** with your hands when drilling. Use your other hand to grasp the auxiliary handle to resist the rotational force.



HOW TO USE THE HAMMER-DRILL

 DRILLING CONCRETE – Use carbide-tipped masonry bits only. Be certain to securely grip the drill in the chuck and to place the modeselecting knob in the "HAMMER" position. Adjust the depth gauge rod for your desired depth. Start the drill by squeezing the trigger. Place the tip of the bit in contact with the workpiece and apply steady, firm pressure.

CAUTION Avoid allowing the Hammer-Drill to bounce or "dance" under its own weight. This could result in damage to both the drill bit and the Hammer-Drill.

AWARNING Take extreme care to stop the drill immediately if the bit becomes jammed in the hole. See **ADDITIONAL SAFETY RULES**, Number 13.

2. **DRILLING WOOD** – Be certain to securely grip the drill in the chuck and to place the mode- selecting knob in the "**DRILL**" position.

AWARNING Hold the workpiece securely in a vise or clamp it in place prior to starting the drilling operation. Loose work may spin and cause bodily injury.

Start the drill by squeezing the trigger. Place the tip of the drill in contact with the workpiece and apply pressure. When you use twist drills in wood, withdraw the drills from the hole frequently to clear chips in the flutes to avoid overheating and burning the workpiece. Reduce the pressure on the drill just before the bit cuts through the workpiece to avoid splintering the wood.

If a backing block is used to keep back of wood from splintering, clamp it securely in place. If a backing is not used with spade bits or hole saws, ease up on the pressure as soon as the bit point breaks through workpiece. Complete the hole from the opposite side.

3. **DRILLING METAL** – Use only good quality high speed steel twist drills. Be certain to securely grip the drill in the chuck and to place the mode-selecting knob in the "**DRILL**" position.

AWARNING Hold the workpiece securely in a vise or clamp it in place prior to starting the drilling operation. Loose work may spin and cause bodily injury.

For easy starting and to prevent the drill bit from "walking", use a center punch to make a small impression in the metal. Start the drill by squeezing the trigger. Place the tip of the drill bit in the impression and exert just enough pressure for the bit to cut.

ACAUTION DO NOT FORCE. Too much pressure may cause the bit to break or overheat, resulting in bodily injury or damaged drill bits. Too little pressure will keep the bit from cutting and will dull the edges.

When drilling a large hole, first drill a smaller hole and then enlarge it to the required size. The use of a lubricant (oil) on the drill point will help to keep the bit cool, increasing drilling action and prolonging drill bit life.

TROUBLESHOOTING

For assistance with your tool, visit our website at <u>www.porter-cable.com</u> 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.

AWARNING 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 (If applicable)

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.

AWARNING 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 Siguientes 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

CALIFORNIA

Ontario 91761 (Los Angeles) 3949A East Guasti Road Phone: (909) 390-5555 Fax: (909) 390-5554

San Diego 92111 7638 Clairemont Blvd. Phone: (858) 277-9595 Fax: (858) 277-9696

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

COLORADO

Arvada 80003 (Denver) 8175 Sheridan Blvd., Unit S Phone: (303) 487-1809 Fax: (303) 487-1868

FLORIDA

Davie 33314 (Miami) 4343 South State Rd. 7 (441) Unit #107 Phone: (954) 321-6635 Fax: (954) 321-6638

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

GEORGIA

Forest Park 30297 (Atlanta) 5442 Frontage Road, Suite 112 Phone: (404) 608-0006 Fax: (404) 608-1123

ILLINOIS

Addison 60101 (Chicago) 400 South Rohlwing Rd. Phone: (630) 424-8805 Fax: (630) 424-8895

Woodridge 60517 (Chicago) 2033 West 75th Street Phone: (630) 910-9200 Fax: (630) 910-0360

MARYLAND

Elkridge 21075 (Baltimore) 7397-102 Washington Blvd. 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

Madison Heights 48071 (Detroit) 30475 Stephenson Highway Phone: (248) 597-5000 Fax: (248) 597-5004

MINNESOTA

Minneapolis 55429 5522 Lakeland Avenue North Phone: (763) 561-9080 Fax: (763) 561-9653

MISSOURI

North Kansas City 64116 1141 Swift Avenue Phone: (816) 221-2070 Fax: (816) 221-2897

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

NEW YORK

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

NORTH CAROLINA

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