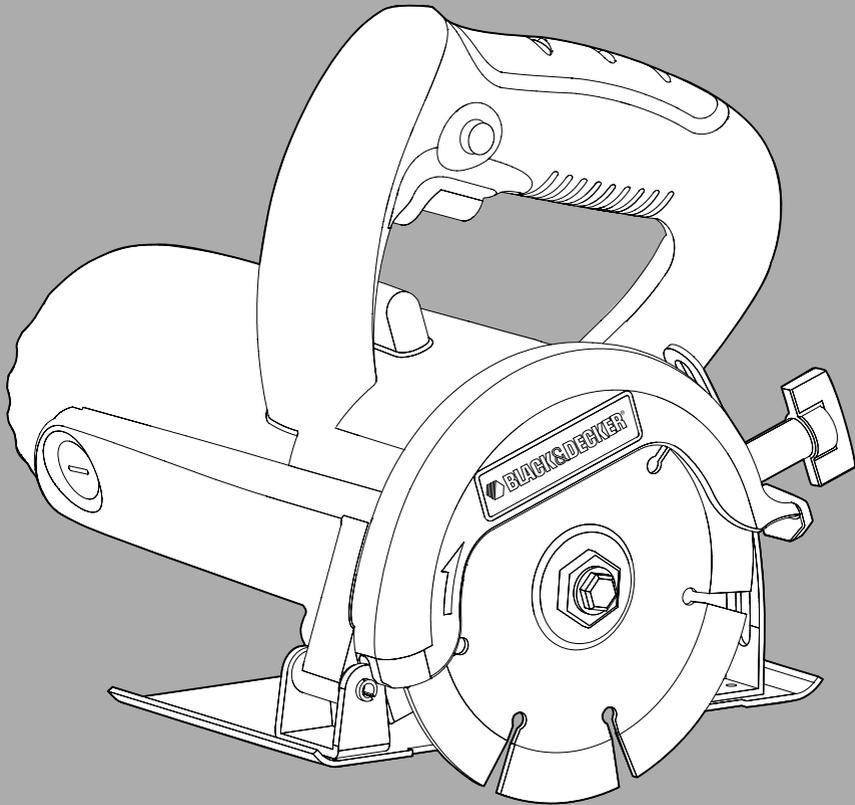
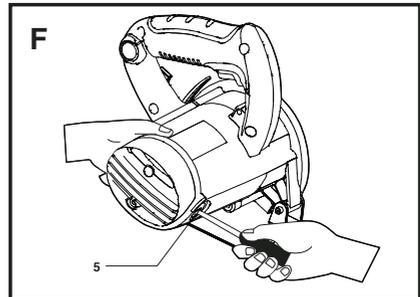
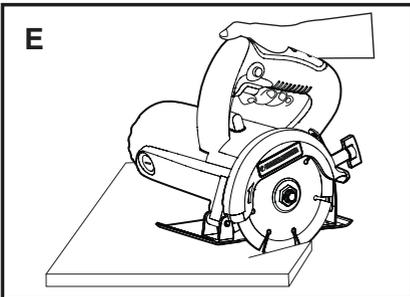
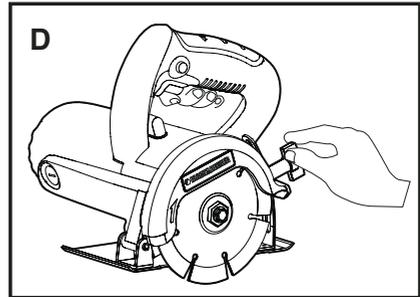
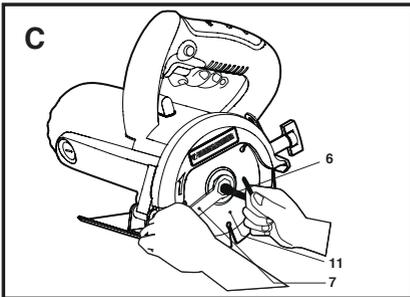
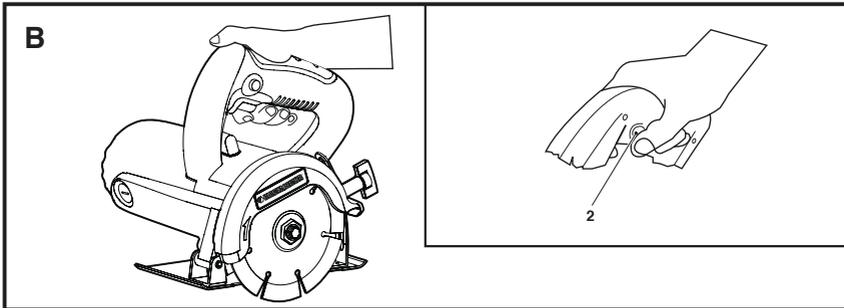
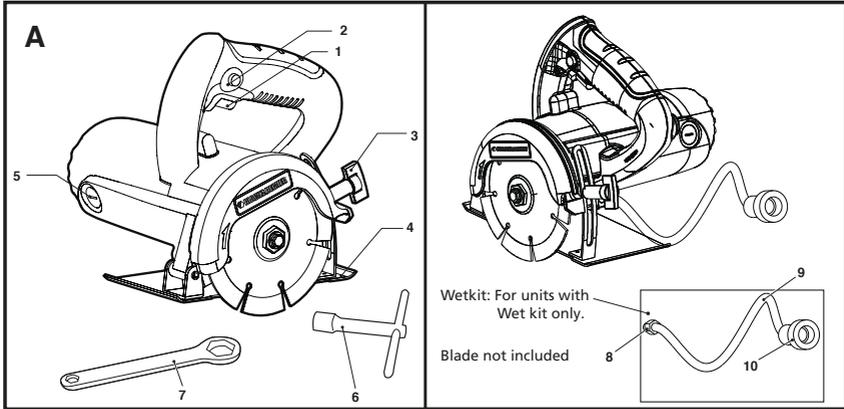


**PRO  
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## General Safety Rules



**Warning!** Read all instructions. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

Keep all warning descriptions and instruction manuals for future reference.

The term "power tool" in all of the warnings listed below refers to power-operated (wired) power tool or battery-operated (wireless) power tool.

### 1. Work area safety

- a. **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- b. **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
- c. **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

### 2. Electrical safety

- a. **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.**  
Unmodified plugs and matching outlets will reduce risk of electric shock.
- b. **Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- c. **Do not expose power tools to rain or wet conditions.**  
Water entering a power tool will increase the risk of electric shock.
- d. **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool.**

**Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.

- e. **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.

- f. **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

### 3. Personal safety

- a. **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- b. **Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, 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, inserting the battery pack, or when carrying and transporting the tool.**  
Carrying power tools with your finger on the switch or plugging in power tools that have the switch on invites accidents.
- d. **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- e. **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- f. **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- g. **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.

4. Power tool use and care

- a. **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
- b. **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- c. **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- d. **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
- e. **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power 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, 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.

**SAFETY INSTRUCTIONS FOR CUTTING OFF OPERATIONS CUT-OFF MACHINE SAFETY WARNINGS**

- a) **The guard provided with the tool must be securely attached to the power tool and positioned for**

**maximum safety, so the least amount of wheel is exposed towards the operator. Position yourself and bystanders away from the plane of the rotating wheel.**

The guard helps to protect operator from broken wheel fragments and accidental contact with wheel.

- b) **Use only diamond cut-off wheels for your power tool.** Just because an accessory can be attached to your power tool, it does not assure safe operation.
- c) **The rated speed of the accessory must be at least equal to the maximum speed marked on the power tool.** Accessories running faster than their rated speed can break and fly apart.
- d) **Wheels must be used only for recommended applications. For example: do not grind with the side of cut-off wheel.** Cut-off wheels are intended for peripheral grinding, side forces applied to these wheels may cause them to shatter.
- e) **Always use undamaged wheel flanges that are of correct diameter for your selected wheel.** Proper wheel flanges support the wheel thus reducing the possibility of wheel breakage.
- f) **Do not use worn down reinforced wheels from larger power tools.** Wheels intended for a larger power tool are not suitable for the higher speed of a smaller tool and may burst.
- g) **The outside diameter and the thickness of your accessory must be within the capacity rating of your power tool.** Incorrectly sized accessories cannot be adequately guarded or controlled.
- h) **The arbour size of wheels and flanges must properly fit the spindle of the power tool.** Wheels and flanges with arbour holes that do not match the mounting hardware of the power tool will run out of balance, vibrate excessively and may cause loss of control.
- i) **Do not use damaged wheels. Before each use, inspect the wheels for chips and cracks. If power tool or wheel is dropped, inspect for damage or install an undamaged wheel. After inspecting and installing the wheel, position yourself and bystanders away from the plane of the rotating wheel and run the power tool at maximum no load speed for one minute.** Damaged wheels will normally break apart during this test time.

- j) **Wear personal protective equipment.** Depending on application, use face shield, safety goggles or safety glasses. As appropriate, wear dust mask, hearing protectors, gloves and shop apron capable of stopping small abrasive or workpiece fragments. The eye protection must be capable of stopping flying debris generated by various operations. The dust mask or respirator must be capable of filtering particles generated by your operation. Prolonged exposure to high intensity noise may cause hearing loss.
- k) **Keep bystanders a safe distance away from work area. Anyone entering the work area must wear personal protective equipment.** Fragments of workpiece or of a broken wheel may fly away and cause injury beyond immediate area of operation.
- l) **Hold the power tool by insulated gripping surfaces only, when performing an operation where the cutting accessory may contact hidden wiring or its own cord.** Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- m) **Position the cord clear of the spinning accessory.** If you lose control, the cord may be cut or snagged and your hand or arm may be pulled into the spinning wheel.
- n) **Never lay the power tool down until the accessory has come to a complete stop.** The spinning wheel may grab the surface and pull the power tool out of your control.
- o) **Do not run the power tool while carrying it at your side.** Accidental contact with the spinning accessory could snag your clothing, pulling the accessory into your body.
- p) **Regularly clean the power tool's air vents.** The motor's fan will draw the dust inside the housing and excessive accumulation of powdered metal may cause electrical hazards.
- q) **Do not operate the power tool near flammable materials.** Sparks could ignite these materials.
- r) **Do not use accessories that require liquid coolants.** Using water or other liquid coolants may result in electrocution or shock.

## Additional Safety Precautions for Marble Cutters



**Caution!** Do not touch exposed metal parts of the tool when cutting through walls and floors, or when in contact with electrical wiring! Hold the tool by insulated gripping surfaces when performing an operation where the cutting tool may come in contact with concealed wiring or its own cord. Contact with a "live" wire will make exposed metal parts of the tool "live" and this will cause electric shock to the operator.

1. **Always keep your hands away from the cutting area and the diamond wheel. Always keep the other hand on the side handle.** If you hold the tool with both hands, you will not be injured by the wheel.
2. **Do not touch the underside of the work piece** because the guard cannot protect the part of the wheel under the workpiece.
3. **Always use a diamond wheel with well-matched size and center (diamond or circular shape).** Mismatched wheel and holder will result in eccentric operation and you may lose control.
4. **Do not use any washer or bolt that is damaged or unfit in size;** otherwise you will lose control of the operation.
5. **Do not use any grinding wheel.**
6. **Do not use any diamond wheel that does not conform to the manufacturer's stipulations.**
7. **Do not use any cutting wheel that has been damaged, distorted, or cracked.**
8. **Do not operate the tool without the fixed guard.**
9. **Do not start the tool with the cutting wheel touching the workpiece.**
10. **After switching off the tool, put down the tool only after the cutting wheel has completely stopped running. Do not force the wheel to stop.**
11. **Disconnect the plug from the power source and ensure that the diamond wheel is stationary before replacing it, adjusting the tool.**

**12. Only hold the tool by its insulated gripping surface when the diamond wheel is likely to cut through concealed wires or its own cord.** If the diamond wheel touches a "live" wire, the exposed metal parts of the power tool may be charged and thus cause electric shock to the operator.

**13. Be extra cautious when "blind cutting" through walls or other blind areas** because the diamond wheel may cut into gas or water piping, wires, or resilient objects.

## Symbols

The label on your tool may include the following symbols:

V .....Volts

A .....Amperes

Hz .....Hertz

W .....Watts

min .....minutes

~ ..... Alternating current

=== ..... Direct current

$n_0$  .....No load speed

 .....Class II Double insulation

 .....Safety alert symbol

.../min .....Revolutions or reciprocations per

## Double Insulation

 The tool is double insulated. This means that all the external metal parts are electrically insulated from the mains power supply. This is done by placing insulated barriers between the electrical and mechanical components so as to make it unnecessary for the tool to be earthed. Note: Double insulation does not take the place of normal safety precautions when operating this tool. The insulation system is for added protection against injury resulting from a possible electrical insulation failure within the tool.

 Read instruction manual before use.

 Wear eye protection.

## Electrical Safety

Always check that the power supply corresponds to the voltage on the rating plate.

## Using an Extension Cable

An extension cable should not be used unless absolutely necessary. Use of an improper extension cable could result in a risk of fire and electric shock. If an extension cable must be used, use only those that are approved by the country's electrical authority. Make sure that the extension cable is in good condition before using. Always use the cable that is suitable for the power input of your tool (see technical data on name plate). The minimum conductor size is 1.5mm<sup>2</sup>.

## Parts (Fig. A)

This tool is designed especially for cutting tiles and stones.

1. On/Off switch
2. Lock-on button
3. Butterfly screw
4. Base
5. Brush cap
6. Socket wrench
7. Spanner
8. Water tubing connector
9. Water tubing
10. Water tubing adapter
11. Diamond wheel

## Assembly and Adjustment

Prior to assembly and adjustment, always unplug the tool.

### Installing & Removing the Diamond Wheel (Fig. C)

#### Installation

Insert the diamond wheel (11) to the spindle. Grip outside flange with spanner (7) and turn the screw counterclockwise with the socket wrench (6). Be sure to tighten clamp blot securely. Use only the recommended diamond wheel with the correct hole size.

## Removing

Follow the procedures above in reverse order.

## Cutting Depth Adjustment (Fig. D)

To increase or decrease the depth of cut, loosen the butterfly screw (3), move the base (4) to adjust the depth, and tighten the screw to secure the depth.

To prevent tool fault, the depth-of-cut adjustment knob has been set to the optimal position at factory default.

Users may also set the knob to a desired position at any time.

## Instruction for Use

Always observe the safety instructions and applicable regulations.

Ensure that the butterfly screw (3) is properly tightened before operating the tool.

## Switching On And Off (Fig. B)

To switch the tool on, press the on/off switch (1). To switch the tool off, release the on/off switch. This tool has a lock-on feature. To activate, press the on/off switch and then the lock-on button (2). To de-activate, press the on/off button again.

Always switch off the tool and then the power supply when work is finished.

## Cutting (Fig. E)

Align the front edge of the base with the cutting line on the workpiece. Hold the tool firmly. Set the base on the workpiece to be cut without the wheel making any contact.

Turn the tool on and wait until the wheel attains full speed. Move the tool forward over the workpiece surface, advancing smoothly until the cut is completed. Keep the cutting line straight. This tool should only be used on horizontal surfaces.

Be sure to move the tool gently forward, in a straight line. Forcing, or exerting excessive pressure, or allowing the wheel to bend, pinch or twist in the cut can cause the motor to over heat and tool to kick back dangerously.

When the depth of cut is over 20mm deep, make 2 or 3 separate cuts to prevent motor failure.

## Maintenance

Your Black & Decker power tool has been designed to operate over a long period of time with minimal maintenance. Continuous satisfactory operation depends upon proper tool care and regular cleaning. Do not repair the tool your self. Please send your tool to authorized Black & Decker service centers for regular maintenance and service, or when a significant change in performance is observed.

## Carbon Brushes

### Carbon brushes (Fig. F)

Remove and check carbon brushes regularly. Replace when they have worn down to about 6mm or less. Keep carbon brushes clean for free movement in the holder. Both carbon brushes should be replaced at the same time. Use only Black & Decker carbon brushes. Use a slotted screwdriver to remove brush caps (5). Remove worn brushes, insert new ones, and secure the brush caps.

## Cleaning



**Warning:** Unplug the tool before you use a cloth to clean the housing. With the motor running, blow dirt and dust out of all air vents with dry air at least once a week. Wear safety glasses when performing this. Exterior plastic parts may be cleaned with a damp cloth and mild detergent. Although these parts are highly solvent resistant, NEVER use solvents.

## Tool Care

Avoid overloading the power tool. Overloading will result in a considerable reduction in speed and efficiency and the tool will over heat. In this case, run the power tool at no load for a minute or two until cooled to normal working temperature by the built in fan. Switching your tool on and off whilst under load will considerably reduce the life of the tool.

## Important

To ensure product safety and reliability, repairs, maintenance and adjustment (other than those listed in this manual) should be performed by authorized service centers or other qualified organizations, always using identical replacement parts. Unit contains no user serviceable parts inside.

## Accessories

The performance of any power tool is dependent on the accessory used. Black & Decker accessories are engineered to high quality standards and are manufactured from the best materials.

Stringent tests are performed before the accessories are launched in the market. They are designed to enhance the performance of power tools.

Purchase Black & Decker accessories to bring your Black & Decker power tools to greater performance. Recommended Black & Decker accessories are available at your local authorized dealers or service centers.

Black & Decker offers a large selection of accessories at your local dealer or authorized service center.



**Note:** Use only wheels rated at least equal to the maximum speed marked on the tool.



**Warning:** The use of any other accessory not recommended for use with this tool could be hazardous.



**Warning:** Only stone-cutting diamond wheel can be used. Do not use grinding wheel or toothed blades.

## Technical Data

SPECIFICATION		BPSP125
Voltage	V	220-240
Frequency	Hz	50/60
Power	W	1,320
Rated speed	/min	13,500
Wheel diameter	mm	125
Wheel thickness	mm	2
Max. depth of cut	mm	41
Spindle thread size		M7
Weight	kg	3.1
Cable length	m	2.5

## Protecting the environment



Separate collection. This product must not be disposed of with normal household waste.

Should you find one day that your Black & Decker product needs replacement, or if it is of no further use to you, do not dispose of it with household waste. Make this product available for separate collection.



Separate collection of used products and packaging allows materials to be recycled and used again. Reuse of recycled materials helps prevent environmental pollution and reduces the demand for raw materials.

Local regulations may provide for separate collection of electrical products from the household, at municipal waste sites or by the retailer when you purchase a new product.

Black & Decker provides a facility for the collection and recycling of Black & Decker products once they have reached the end of their working life. To take advantage of this service please return your product to any authorised repair agent who will collect them on our behalf.

You can check the location of your nearest authorised repair agent by contacting your local Black & Decker office at the address indicated in this manual. Alternatively, a list of authorised Black & Decker repair agents and full details of our after-sales service and contacts are available on the Internet at: [www.2helpU.com](http://www.2helpU.com).

## Service information

Black & Decker offers a full network of company-owned and authorized service locations. All Black & Decker Service Centers are staffed with trained personnel to provide customers with efficient and reliable power tool service. For more information about our authorized service centers and if you need technical advice, repair, or genuine factory replacement parts, contact the Black & Decker location nearest you, or visit us at [www.blackanddeckerindia.in](http://www.blackanddeckerindia.in)

## Notes

- Black & Decker's policy is one of continuous improvement to our products and as such, we reserve the right to modify product specifications without prior notice.
- Standard equipment and accessories may vary by country.
- Product specifications may differ by country.
- Complete product range may not be available in all countries. Contact your local Black & Decker dealers for range availability.





