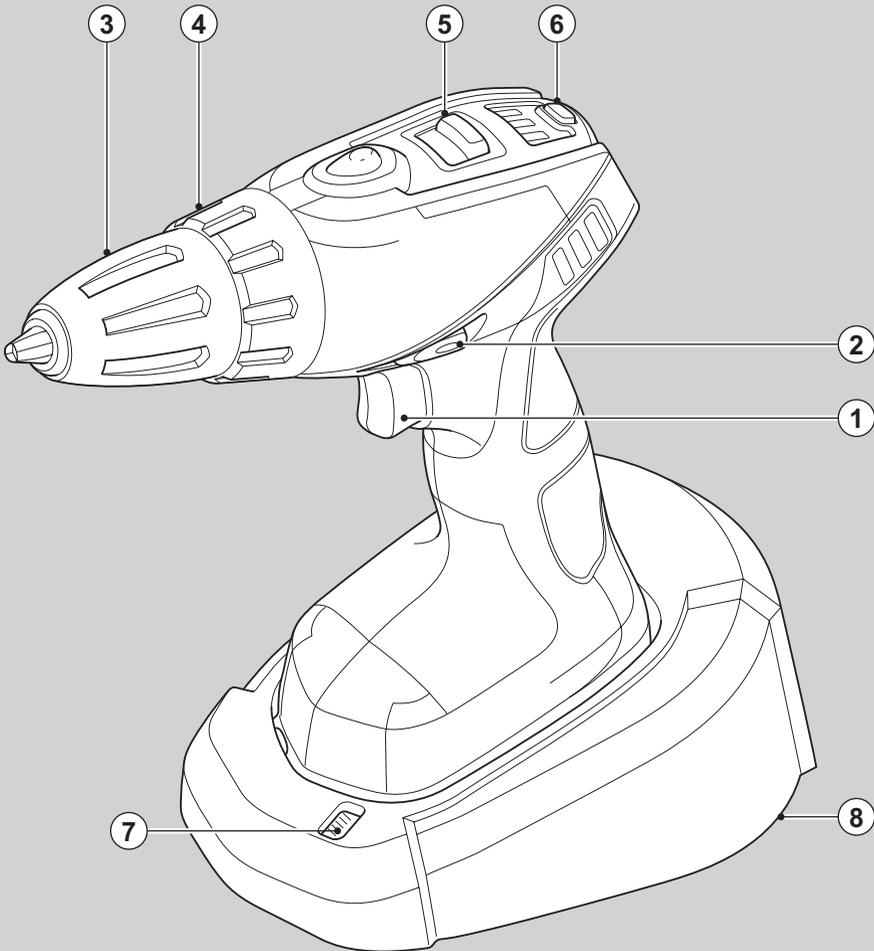




BLACK & DECKER®

www.blackanddecker.co.uk

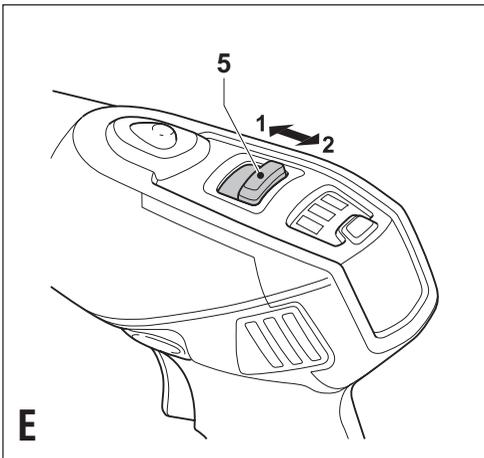
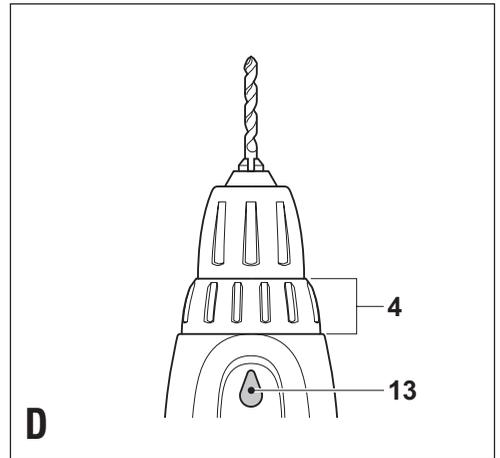
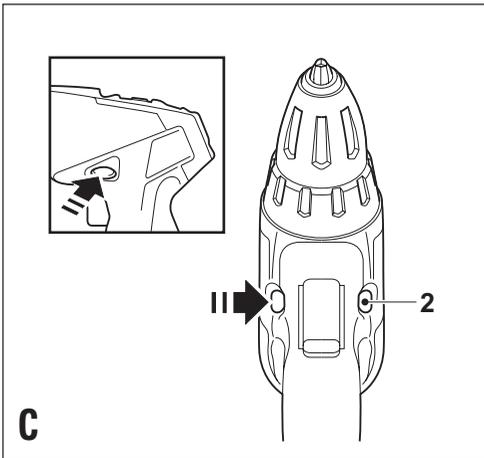
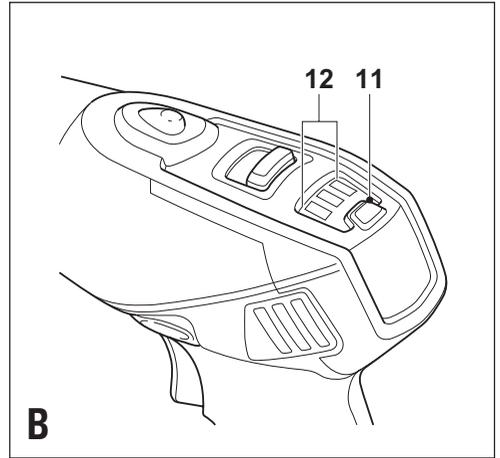
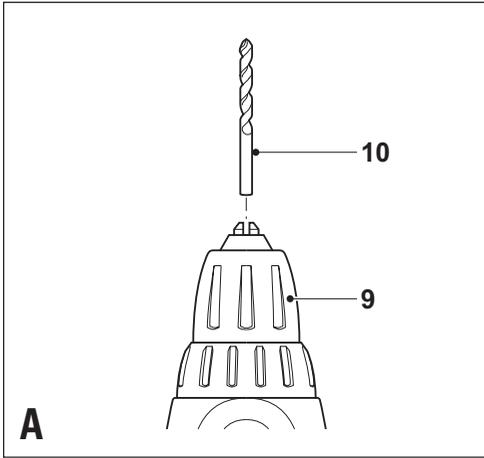


UK

Ireland

Australia

New Zealand



Intended use

Your Black & Decker drill/screwdriver has been designed for screwdriving applications and for drilling in wood, metal and plastics.

This tool is intended for consumer use only.

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

a. Keep work area clean and well lit.

Cluttered and 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.

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 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. Battery tool use and care

- a. **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.

- b. **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.

- c. **Use power tools only with specifically designated battery packs.**

Use of any other battery packs may create a risk of injury and fire.

- d. **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.

- e. **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.**

Liquid ejected from the battery may cause irritation or burns.

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.

Additional safety instructions for drill/screwdrivers

- ◆ Before drilling into walls, floors or ceilings, check for the location of wiring and pipes.
- ◆ Avoid touching the tip of a drill bit just after drilling, as it may be hot.

Additional safety instructions for batteries and chargers

Batteries

- ◆ Never attempt to open for any reason.
- ◆ Do not expose the battery to water.
- ◆ Do not expose the battery to heat.
- ◆ Do not store in locations where the temperature may exceed 40 °C.
- ◆ Charge only at ambient temperatures between 10 °C and 40 °C.
- ◆ Charge only using the charger provided with the tool.
- ◆ When disposing of batteries, follow the instructions given in the section "Protecting the environment".

Chargers

- ◆ Use your Black & Decker charger only to charge the battery in the tool with which it was supplied. Other batteries could burst, causing personal injury and damage.
- ◆ Never attempt to charge non-rechargeable batteries.
- ◆ Have defective cords replaced immediately.
- ◆ Do not expose the charger to water.
- ◆ Do not open the charger.
- ◆ Do not probe the charger.



The charger is intended for indoor use only.



Read the instruction manual before use.



The charger automatically shuts off if the ambient temperature becomes too high. As soon as the ambient temperature has cooled down, the charger will resume operating.



Charge only at ambient temperatures between 10 °C and 40 °C.



Charging

Electrical safety



Your charger is double insulated; therefore no earth wire is required. Always check that the mains voltage corresponds to the voltage on the rating plate. Never attempt to replace the charger unit with a regular mains plug.

- ◆ This appliance is not intended for use by young or infirm persons without supervision. Children must be supervised to ensure they do not play with the appliance.

- ◆ If the supply cord is damaged, it must be replaced by the manufacturer or an authorised Black & Decker Service Centre in order to avoid a hazard.

- ◆ Before using the tool, unplug the charger and disconnect the tool from the charger.

Features

This tool includes some or all of the following features.

1. Variable speed switch
2. Forward/reverse slider
3. Chuck
4. Mode selector / torque adjustment collar
5. Two-gear selector
6. Battery charge indicator
7. Charging indicator
8. Charging base

Assembly

Warning! Before assembly, make sure that the tool is switched off.

Fitting and removing a drill bit or screwdriver bit (fig. A)

This tool is fitted with a keyless chuck to allow for an easy exchange of bits.

- ◆ Lock the tool by setting the forward/reverse slider (2) to the centre position.
- ◆ Open the chuck by turning the sleeve (9) with one hand while holding the tool with the other.
- ◆ Insert the bit shaft (10) into the chuck.
- ◆ Firmly tighten the chuck by turning sleeve (9) with one hand while holding the tool with the other.

Use

Warning! Let the tool work at its own pace. Do not overload.

- ◆ Before first use, the battery must be charged for at least 3 hours.
- ◆ Place the tool on the charging base (8) whenever it is not in use.

Charging the battery

- ◆ Place the tool on the charging base (8).
- ◆ Plug in the charger.

The charging indicator (7) will be lit.

- ◆ Leave the tool connected to the charger for 3 hours.

The charger may hum and become warm while charging; this is normal and does not indicate a problem.

Generally, a charging time of 1 hour will enable the tool to operate at an effective power level for most tasks. However, further charging for up to 3 hours could significantly increase the run time, depending on the battery and charging conditions.

The charging indicator will be lit as long as the appliance is connected to the plugged-in charger.

Warning! Do not use the tool while it is connected to the charger.

Warning! Do not charge the battery at ambient temperatures below 4 °C or above 40 °C.

Checking the battery condition (fig. B)

This tool is fitted with a battery charge indicator, which allows you to check the condition of the battery.

- ◆ Press and hold down the button (11).
- ◆ Check to see how many of the lights (12) are on:

	Battery charge
1 light	low
2 lights	medium
3 lights	high

Protection against complete discharge

Lithium Ion batteries should not be fully discharged. This unit contains a protective circuit which prevents the battery from becoming fully discharged. When this circuit is activated the tool will cease to operate. The tool must be recharged to continue use.

Selecting the direction of rotation (fig. C)

For drilling and for tightening screws, use forward (clockwise) rotation. For loosening screws or removing a jammed drill bit, use reverse (counterclockwise) rotation.

- ◆ To select forward rotation, push the forward/reverse slider (2) to the left.
- ◆ To select reverse rotation, push the forward/reverse slider to the right.
- ◆ To lock the tool, set the forward/reverse slider into the centre position.

Selecting the torque (fig. D)

This tool is fitted with a collar to set the torque for tightening screws. Large screws and hard workpiece materials require a higher torque setting than small screws and soft workpiece materials. The collar has a wide range of settings to suit your application.

- ◆ For drilling in wood, metal and plastics, set the collar (4) to the drilling position by aligning the symbol  with the marking (13).
- ◆ For screwdriving, set the collar to the desired setting. If you do not yet know the appropriate setting, proceed as follows:
 - ◆ Set the collar (4) to the lowest torque setting.
 - ◆ Tighten the first screw.

- ◆ If the clutch ratchets before the desired result is achieved, increase the collar setting and continue tightening the screw. Repeat until you reach the correct setting. Use this setting for the remaining screws.

Two-gear selector (fig. E)

- ◆ For drilling in steel and for screwdriving applications, slide the two-gear selector (5) towards the rear of the tool (1st gear).
- ◆ For drilling in materials other than steel, slide the two-gear selector (5) towards the front of the tool (2nd gear).

Drilling/screwdriving

- ◆ Select forward or reverse rotation using the forward/reverse slider (2).
- ◆ To switch the tool on, press the switch (1). The tool speed depends on how far you press the switch.
- ◆ To switch the tool off, release the switch.

Temperature overload protection

Under normal conditions the tool cannot be subject to overload. However, when the load is too high or when the max. allowable battery temperature is exceeded, the temperature overload protection is activated to protect the tool against overheating. As a consequence, the tool will cease to operate.

- ◆ Allow the tool to cool down before resuming the operation.

Hints for optimum use

Drilling

- ◆ Always apply a light pressure in a straight line with the drill bit.
- ◆ Just before the drill tip breaks through the other side of the workpiece, decrease pressure on the tool.
- ◆ Use a block of wood to back up workpieces that may splinter.
- ◆ Use spade bits when drilling large diameter holes in wood.
- ◆ Use HSS drill bits when drilling in metal.
- ◆ Use masonry bits when drilling in soft masonry.
- ◆ Use a lubricant when drilling metals other than cast iron and brass.
- ◆ Make an indentation using a centre punch at the centre of the hole to be drilled in order to improve accuracy.

Screwdriving

- ◆ Always use the correct type and size of screwdriver bit.
- ◆ If screws are difficult to tighten, try applying a small amount of washing liquid or soap as a lubricant.
- ◆ Always hold the tool and screwdriver bit in a straight line with the screw.

Maintenance

Your Black & Decker tool has been designed to operate over a long period of time with a minimum of maintenance.

Continuous satisfactory operation depends upon proper tool care and regular cleaning.

Your charger does not require any maintenance apart from regular cleaning.

Warning! Before performing any maintenance on the tool, remove the battery from the tool. Unplug the charger before cleaning it.

- ◆ Regularly clean the ventilation slots in your tool and charger using a soft brush or dry cloth.
- ◆ Regularly clean the motor housing using a damp cloth. Do not use any abrasive or solvent-based cleaner.
- ◆ Regularly open the chuck and tap it to remove any dust from the interior.

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. Re-use 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

Batteries



Black & Decker batteries can be recharged many times. At the end of their useful life, discard batteries with due care for our environment:

- ◆ Run the battery down completely, then remove it from the tool.
- ◆ Lithium Ion batteries are recyclable. Take them to any authorised repair agent or a local recycling station.

Technical data

		CP14LN
Voltage	V_{DC}	14.4
No-load speed	min^{-1}	0-350/ 0-1,400
Max. torque	Nm	23
Chuck capacity	mm	10
Max. drilling capacity in steel/wood/masonry	mm	10/25
Capacity	Ah	1.1
Weight	kg	1.2

Charger

Input voltage	V_{AC}	230
Approx. charging time	h	3

EC declaration of conformity

CP14LN

Black & Decker declares that these products conform to:
EN 60745, EN 50260, EN 55014, EN 60335, EN 61000

L_{pA} (sound pressure) 68.1 dB(A), L_{WA} (acoustic power) 79.1 dB(A),
hand/arm weighted vibration 0.88 m/s^2

K_{pA} (sound pressure uncertainty) 3 dB(A),

K_{WA} (acoustic power uncertainty) 3 dB(A)

Kevin Hewitt
Director of Consumer Engineering
Spennymoor, County Durham DL16 6JG,
United Kingdom
1-8-2006

Guarantee

Black & Decker is confident of the quality of its products and offers an outstanding guarantee. This guarantee statement is in addition to and in no way prejudices your statutory rights. The guarantee is valid within the territories of the Member States of the European Union and the European Free Trade Area.

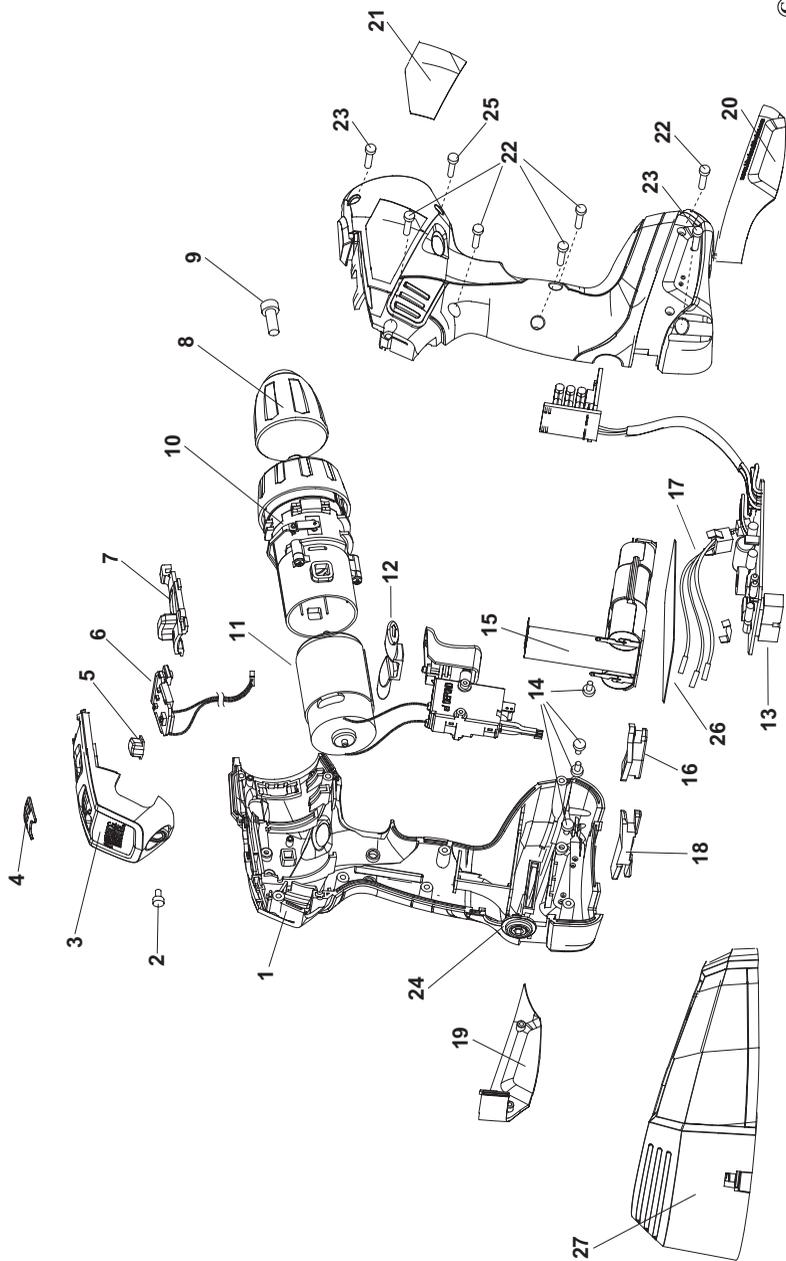
If a Black & Decker product becomes defective due to faulty materials, workmanship or lack of conformity, within 24 months from the date of purchase, Black & Decker guarantees to replace defective parts, repair products subjected to fair wear and tear or replace such products to ensure minimum inconvenience to the customer unless:

- ◆ The product has been used for trade, professional or hire purposes;
- ◆ The product has been subjected to misuse or neglect;
- ◆ The product has sustained damage through foreign objects, substances or accidents;
- ◆ Repairs have been attempted by persons other than authorised repair agents or Black & Decker service staff.

To claim on the guarantee, you will need to submit proof of purchase to the seller or an authorised repair agent. 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

Please visit our website **www.blackanddecker.co.uk** to register your new Black & Decker product and to be kept up to date on new products and special offers. Further information on the Black & Decker brand and our range of products is available at **www.blackanddecker.co.uk**



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