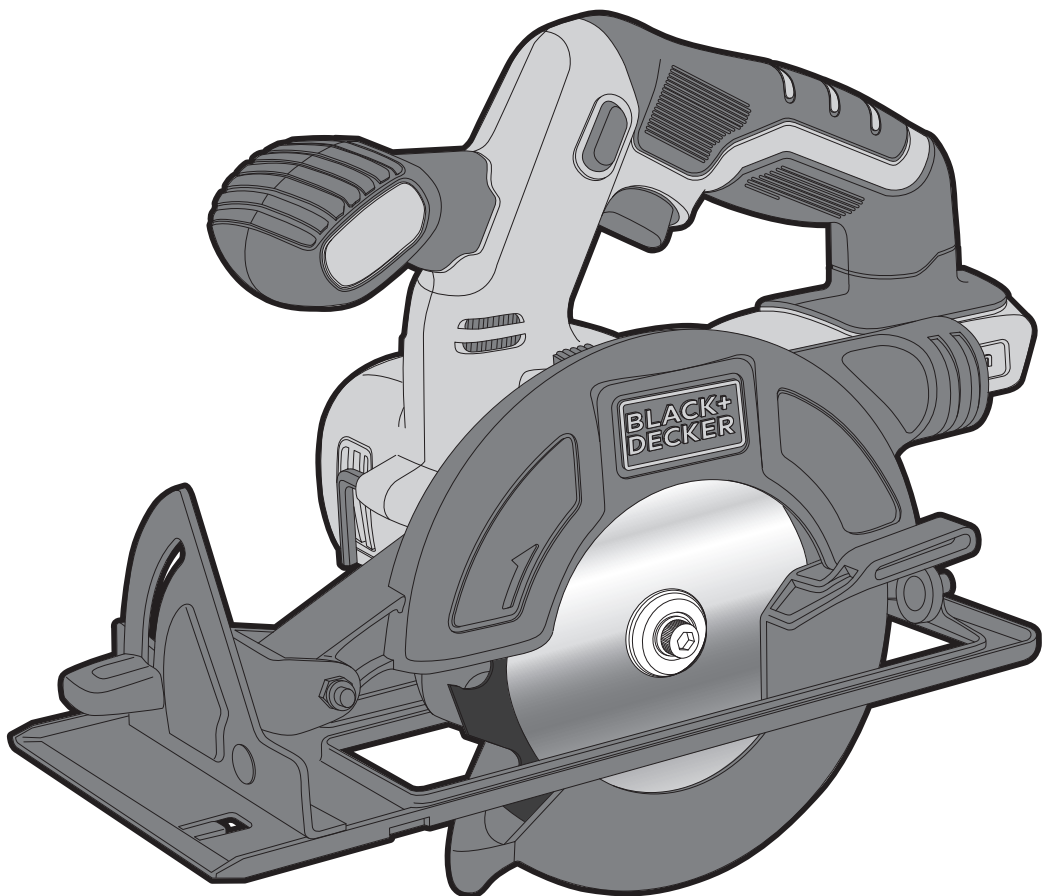
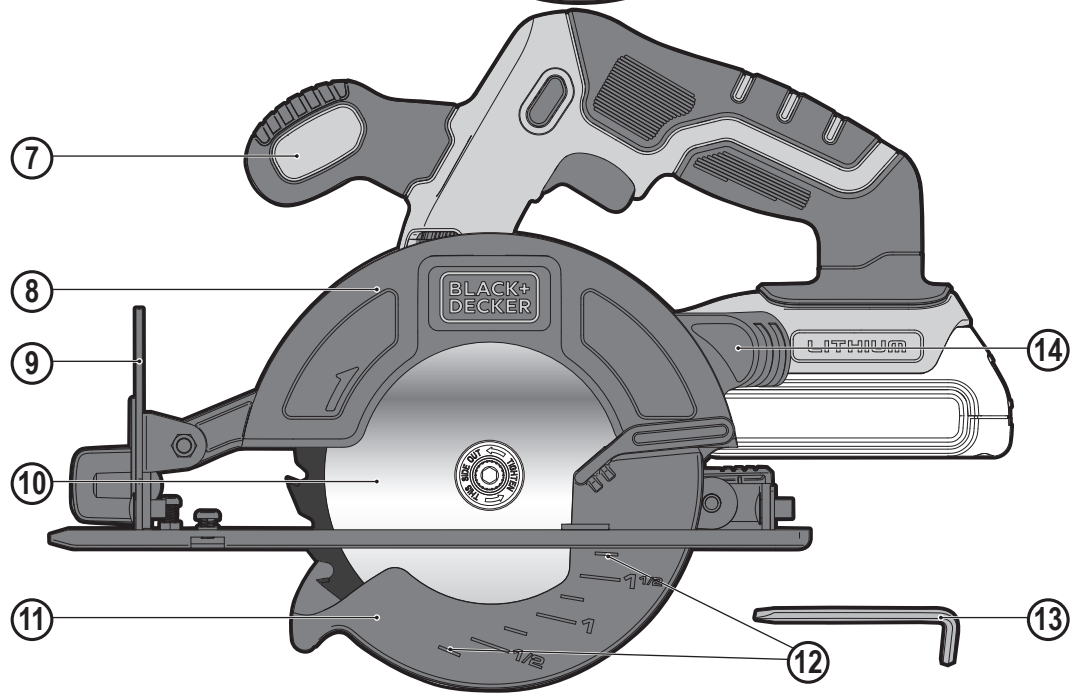
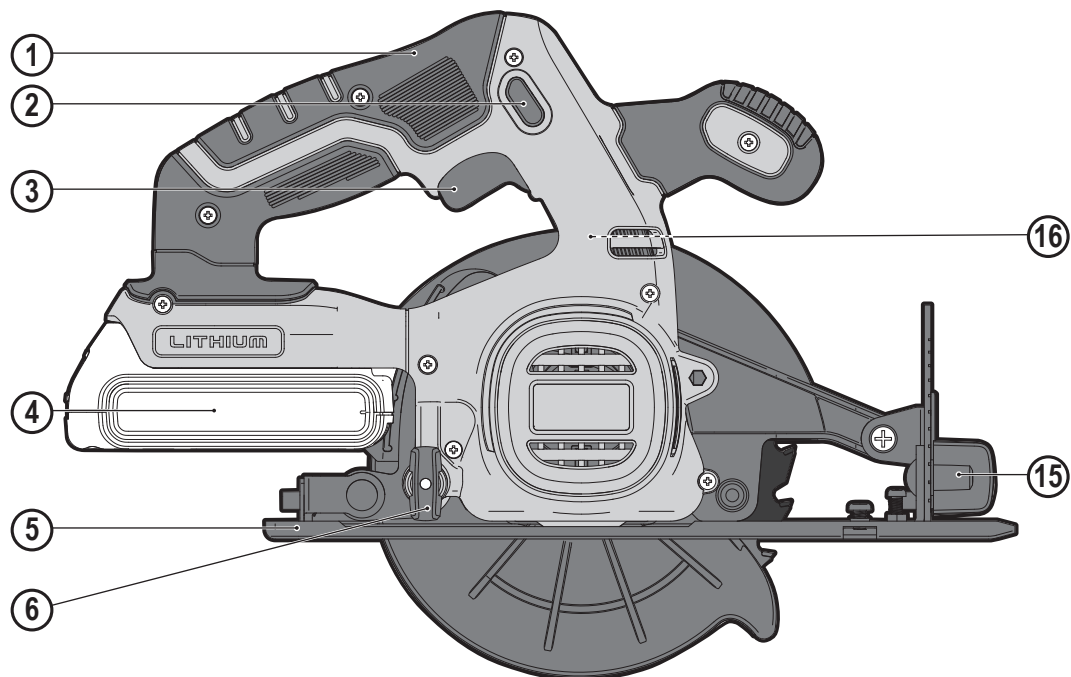


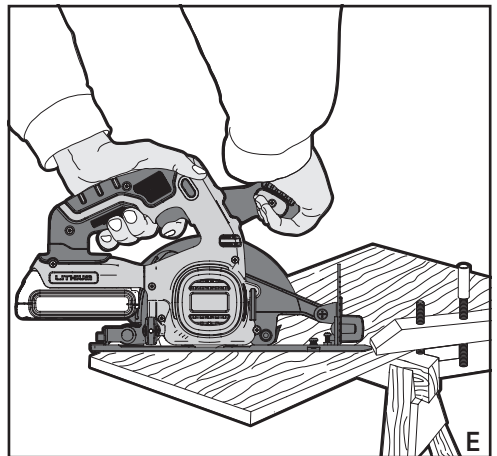
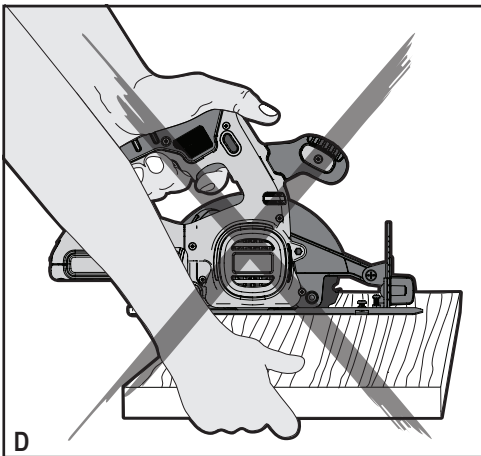
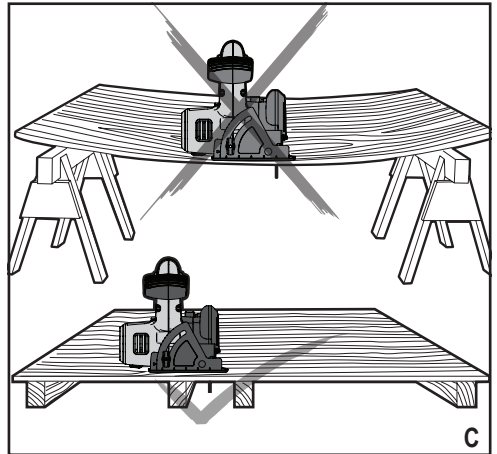
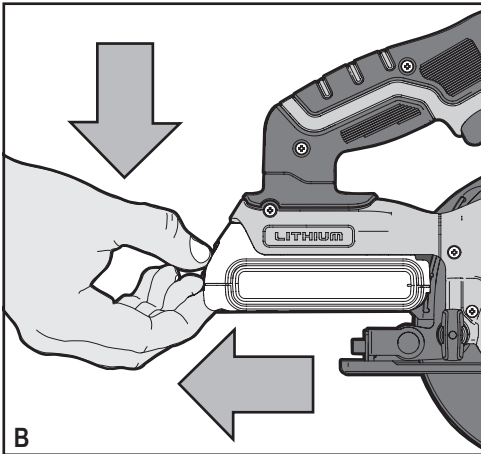
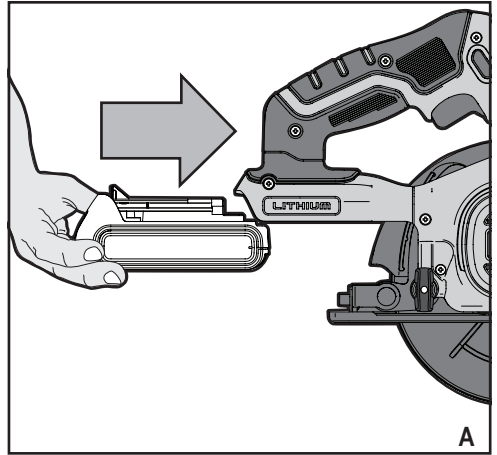
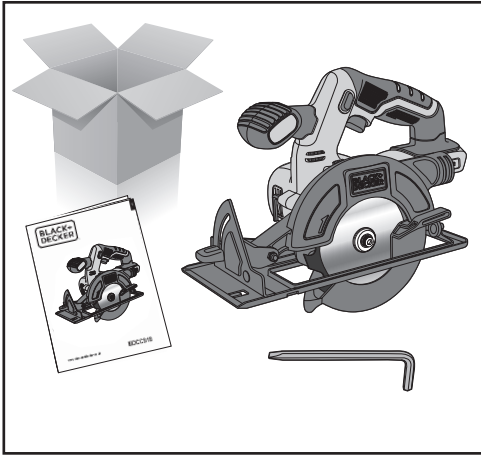
**BLACK+
DECKER**™

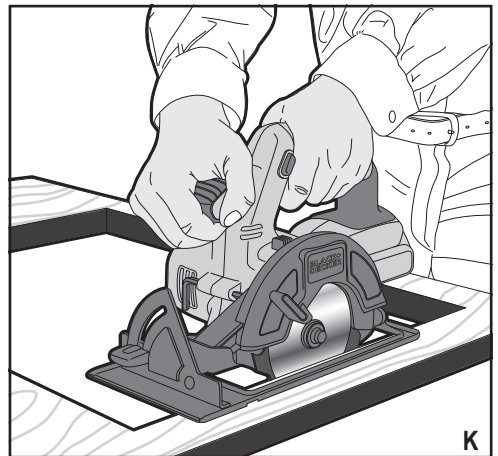
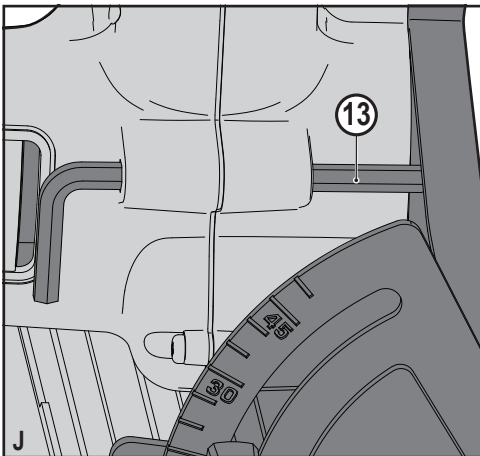
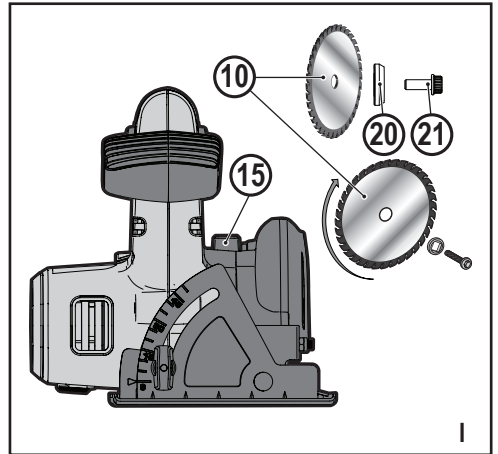
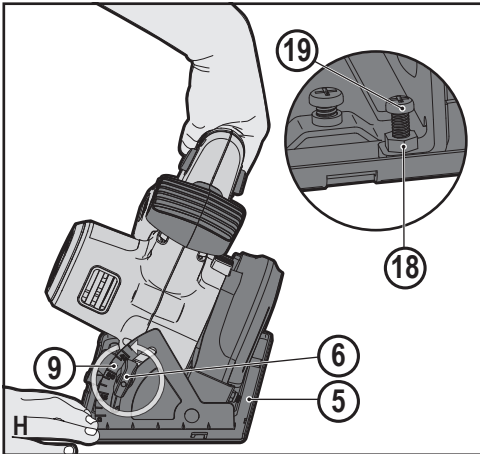
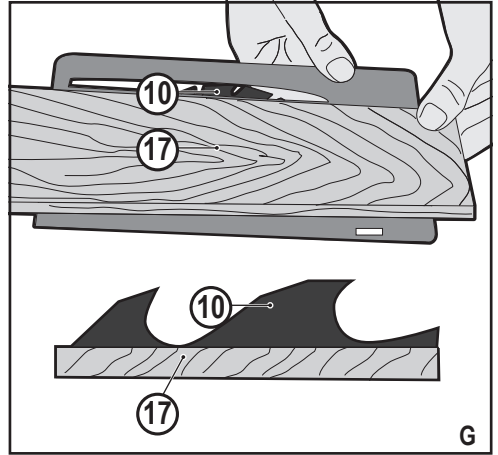
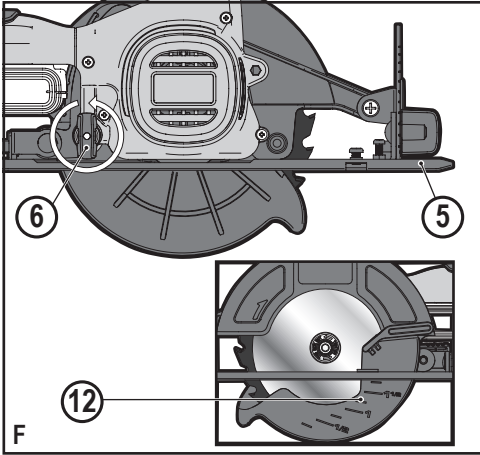


www.blackanddecker.uk

BDCCS18







Intended use

Your BLACK+DECKER BDCCS18 circular saw has been designed for sawing wood and wood products. This tool is intended for consumer use only.

Safety instructions

General power tool safety warnings



Warning! Read all safety warnings and all instructions, illustrations and specifications provided with this power tool.

Failure to follow the warnings and instructions listed below may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

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.

1. Work area safety

- Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- 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.
- Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

2. Electrical safety

- 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.
- 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.
- Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- 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.
- 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.
- 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

- 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.
 - 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.
 - Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
 - 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.
 - Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
 - 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.
 - 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.
 - Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles. A careless action can cause severe injury within a fraction of a second.**
- #### 4. Power tool use and care
- 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.
 - 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.
 - 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 and accessories. 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.
 - h. **Keep handles and grasping surfaces dry, clean and free from oil and grease. Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.**
5. **Battery tool use and care**
 - a. **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
 - b. **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
 - c. **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws, or other small metal objects, that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
 - d. **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** Liquid ejected from the battery may cause irritation or burns.
 - e. **Do not use a battery pack or tool that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
 - f. **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 265° F may cause explosion.
 - g. **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.**

Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

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.
- b. **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorised service providers.

Additional power tool safety warnings



Warning! Additional safety warnings for all saws

Cutting procedures



Keep hands away from cutting area and the blade. Keep your second hand on auxiliary handle, or motor housing. If both hands are holding the saw, they cannot be cut by the blade.

- ◆ **Do not reach underneath the workpiece.** The guard cannot protect you from the blade below the workpiece.
- ◆ **Adjust the cutting depth to the thickness of the workpiece.** Less than a full tooth of the blade teeth should be visible below the workpiece.
- ◆ **Never hold piece being cut in your hands or across your leg. Secure the workpiece to a stable platform.** It is important to support the work properly to minimize body exposure, blade binding, or loss of control.
- ◆ **Hold the power tool by insulated gripping surfaces only, when performing an operation where the cutting tool may contact hidden wiring or its own cord.** Contact with a "live" wire will also make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- ◆ **When ripping, always use a rip fence or straight edge guide.** This improves the accuracy of cut and reduces the chance of blade binding.
- ◆ **Always use blades with correct size and shape (diamond versus round) of arbour holes.** Blades that do not match the mounting hardware of the saw will run eccentrically, causing loss of control.
- ◆ **Never use damaged or incorrect blade washers or bolt.** The blade washers and bolt were specially designed for your saw, for optimum performance and safety of operation.

Further safety instructions for all saws

Kickback causes and related warnings

- ◆ kickback is a sudden reaction to a pinched, bound or misaligned saw blade, causing an uncontrolled saw to lift up and out of the workpiece toward the operator;
- ◆ when the blade is pinched or bound tightly by the kerf closing down, the blade stalls and the motor reaction drives the unit rapidly back toward the operator;
- ◆ if the blade becomes twisted or misaligned in the cut, the teeth at the back edge of the blade can dig into the top surface of the wood causing the blade to climb out of the kerf and jump back toward the operator

Kickback is the result of saw misuse and/or incorrect operating procedures or conditions and can be avoided by taking proper precautions as given below.

- ◆ **Maintain a firm grip with both hands on the saw and position your arms to resist kickback forces. Position your body to either side of the blade, but not in line with the blade.** Kickback could cause the saw to jump backwards, but kickback forces can be controlled by the operator, if proper precautions are taken.
- ◆ **When blade is binding, or when interrupting a cut for any reason, release the trigger and hold the saw motionless in the material until the blade comes to a complete stop. Never attempt to remove the saw from the work or pull the saw backward while the blade is in motion or kickback may occur.** Investigate and take corrective actions to eliminate the cause of blade binding.
- ◆ **When restarting a saw in the workpiece, centre the saw blade in the kerf and check that saw teeth are not engaged into the material.** If saw blade is binding, it may walk up or kickback from the workpiece as the saw is restarted.
- ◆ **Support large panels to minimise the risk of blade pinching and kickback.** Large panels tend to sag under their own weight. Supports must be placed under the panel on both sides, near the line of cut and near the edge of the panel.
- ◆ **Do not use dull or damaged blades.** Unsharpened or improperly set blades produce narrow kerf causing excessive friction, blade binding and kickback.
- ◆ **Blade depth and bevel adjusting locking levers must be tight and secure before making cut.** If blade adjustment shifts while cutting, it may cause binding and kickback.
- ◆ **Use extra caution when sawing into existing walls or other blind areas.** The protruding blade may cut objects that can cause kickback.

Lower guard function

- ◆ **Check lower guard for proper closing before each use. Do not operate the saw if lower guard does not move freely and close instantly. Never clamp or tie the lower guard into the open position.**

If saw is accidentally dropped, lower guard may be bent. Raise the lower guard with the retracting handle and make sure it moves freely and does not touch the blade or any other part, in all angles and depths of cut.

- ◆ **Check the operation of the lower guard spring. If the guard and the spring are not operating properly, they must be serviced before use.** Lower guard may operate sluggishly due to damaged parts, gummy deposits, or a build-up of debris.
- ◆ **Lower guard may be retracted manually only for special cuts such as "plunge cuts" and "compound cuts".** Raise lower guard by retracting handle and as soon as blade enters the material, the lower guard must be released. For all other sawing, the lower guard should operate automatically.
- ◆ **Always observe that the lower guard is covering the blade before placing saw down on bench or floor.** An unprotected, coasting blade will cause the saw to walk backwards, cutting whatever is in its path. Be aware of the time it takes for the blade to stop after switch is released.

Safety of others

Never allow children, persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge or people unfamiliar with these instructions to use the machine, local regulations may restrict the age of the operator.

Residual risks

Additional residual risks may arise when using the tool which may not be included in the enclosed safety warnings. These risks can arise from misuse, prolonged use etc.

Even with the application of the relevant safety regulations and the implementation of safety devices, certain residual risks can not be avoided. These include:

- ◆ Injuries caused by touching any rotating/moving parts.
- ◆ Injuries caused when changing any parts, blades or accessories.
- ◆ Injuries caused by prolonged use of a tool. When using any tool for prolonged periods ensure you take regular breaks.
- ◆ Impairment of hearing.
- ◆ Health hazards caused by breathing dust developed when using your tool (example:- working with wood, especially oak, beech and MDF.)

Vibration

The declared vibration emission values stated in the technical data and the declaration of conformity have been measured in accordance with a standard test method provided by EN62841 and may be used for comparing one tool with another. The declared vibration emission value may also be used in a preliminary assessment of exposure.

Warning! The vibration emission value during actual use of the power tool can differ from the declared value depending on the ways in which the tool is used. The vibration level may increase above the level stated.

When assessing vibration exposure to determine safety measures required by 2002/44/EC to protect persons regularly using power tools in employment, an estimation of vibration exposure should consider, the actual conditions of use and the way the tool is used, including taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time.

Labels on tool

The following pictograms are shown on the tool along with the date code:



Warning! To reduce the risk of injury, the user must read the instruction manual.

Additional safety instructions for batteries and chargers (may not be included)

Batteries (may not be included)

- ◆ Never attempt to open for any reason.
- ◆ Do not expose the battery to water.
- ◆ 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 (may not be included)

- ◆ 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.

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.

- ◆ If the supply cord is damaged, it must be replaced by the manufacturer or an authorised BLACK+DECKER Centre in order to avoid a hazard.

Features

This tool includes some or all of the following features.

1. Main handle
2. Lock-off button
3. On/Off trigger
4. Battery (may not be included)
5. Shoe
6. Depth adjustment knob
7. Secondary handle
8. Upper Guard
9. Bevel adjustment scale
10. Blade
11. Lower blade guard
12. Depth adjustment scale
13. Locking tool
14. Dust extraction port
15. Bevel adjustment knob
16. Spindle lock

Charging procedure (may not be included)

BLACK+DECKER chargers are designed to charge BLACK+DECKER battery packs.

- ◆ Plug the charger into an appropriate outlet before inserting the battery pack.
- ◆ Insert the battery pack into the charger.
- ◆ The green LED will flash indicating that the battery is being charged.
- ◆ The completion of charge is indicated by the green LED remaining on continuously. The pack is fully charged and may be used at this time or left on the charger.

Note: Recharge discharged batteries as soon as possible after use or battery life may be greatly diminished. For longest battery life, do not discharge batteries fully.

It is recommended that the batteries be recharged after each use.

Leaving the battery in the charger (may not be included)

The charger and battery pack can be left connected with the LED glowing indefinitely. The charger will keep the battery pack fresh and fully charged.

Important charging notes (may not be included)

- ◆ Longest life and best performance can be obtained if the battery pack is charged when the air temperature is between 65°F and 75°F (18°- 24°C). DO NOT charge the battery pack in an air temperature below +40°F (+4.5°C), or above +105°F (+40.5°C). This is important and will prevent serious damage to the battery pack.

- ◆ The charger and battery pack may become warm to touch while charging. This is a normal condition, and does not indicate a problem. To facilitate the cooling of the battery pack after use, avoid placing the charger or battery pack in a warm environment such as in a metal shed, or an uninsulated trailer.
- ◆ If the battery pack does not charge properly:
 - ◆ Check current at receptacle by plugging in a lamp or other appliance.
 - ◆ Check to see if receptacle is connected to a light switch which turns power off when you turn out the lights.
 - ◆ Move charger and battery pack to a location where the surrounding air temperature is approximately 65°F - 75°F (18° - 24°C).
 - ◆ If charging problems persist, take the tool, battery pack and charger to your local service center.
- ◆ The battery pack should be recharged when it fails to produce sufficient power on jobs which were easily done previously. **DO NOT CONTINUE** to use under these conditions. Follow the charging procedure. You may also charge a partially used pack whenever you desire with no adverse affect on the battery pack.
- ◆ Foreign materials of a conductive nature such as, but not limited to, steel wool, aluminium foil, or any buildup of metallic particles should be kept away from charger cavities. Always unplug the charger from the power supply when there is no battery pack in the cavity. Unplug charger before attempting to clean.
- ◆ Do not freeze or immerse charger in water or any other liquid.

Warning! Do not allow any liquid to get inside charger. Never attempt to open the battery pack for any reason. If the plastic housing of the battery pack breaks or cracks, return to a service center for recycling.

Bad Battery (may not be included)

If you see a bad battery blink pattern, do not continue to charge this battery. Return it to a service center or a collection site for recycling.

Hot/Cold Pack Delay (may not be included)

When the charger detects a battery pack that is too hot or too cold, it automatically starts a Hot/Cold Pack Delay, suspending charging until the battery pack has reached an appropriate temperature. The charger then automatically switches to the pack charging mode. This feature ensures maximum battery pack life. A cold battery pack will charge at a slower rate than a warm battery pack. The pack will charge at that slower rate throughout the entire charging cycle and will not return to maximum charge rate even if the pack warms.

Installing and removing the battery pack from the tool (may not be included)

Warning! Before attempting any of the following operations, make sure that the tool is switched off and unplugged and that the saw blade has stopped.

To install the battery pack (fig. A)

- ◆ Insert battery pack into tool as shown in figure A. Ensure battery pack is fully seated and fully latched into position.
- ◆ Ensure battery pack is fully seated and fully latched into position.

To Remove the battery pack (fig. B)

- ◆ Depress the battery release button as shown in figure B, and pull battery pack out of tool.

Supporting large panels/Securing workpiece (fig. C)

- ◆ Support large panels to minimize the risk of blade pinching and kickback. Large panels tend to sag under their own weight as shown in figure C.
- ◆ Supports must be placed under the panel on both sides, near the line of cut and near the edge of the panel figure C.
- ◆ Never hold piece being cut in your hands or across your leg figure D.
- ◆ Secure the workpiece to a stable platform as shown in figure E. It is important to support the work properly to minimize body exposure, blade binding, or loss of control.

Cutting Depth Adjustment - (fig. F - G)

- ◆ The depth of cut should be set according to the thickness of the workpiece.
- ◆ Loosen the depth adjustment knob (6) to unlock the saw shoe (5) as shown in figure F.
- ◆ Move the saw shoe into the desired position. The corresponding depth of cut can be read from the scale (12).
- ◆ Set depth adjustment of saw such that one tooth (10) of the blade projects below the workpiece (16) as shown in figure G.
- ◆ Tighten the knob to lock the saw shoe in place.

Bevel Angle Adjustment - (fig. K)

This tool can be set to bevel angles between 0° and 50°

- ◆ Loosen the bevel adjustment knob (14) to unlock the saw shoe (5).
- ◆ Move the saw shoe (5) into the desired position. The corresponding bevel angle can be read from the scale (9).
- ◆ Tighten the bevel adjustment knob (15) to lock the saw shoe in place.
- ◆ Confirm the accuracy of the setting by checking the bevel angle of an actual cut on a scrap piece of material.

Shoe Adjustment For 90° Cuts

The shoe (5) has been set by the factory to assure that the blade is perpendicular to the shoe at 0° bevel setting.

IF REALIGNMENT IS NEEDED:

- ◆ Adjust the saw to 0° bevel.
- ◆ Retract blade guard (11).
- ◆ Loosen bevel adjustment knob (15). Place a square against the blade (10) and shoe (5) to adjust the 90° setting.
- ◆ Loosen jam nut (16) and move the adjustment screw (19) (inset figure H) so that the shoe will stop at the proper angle. Retighten jam nut against the shoe while holding adjustment screw in position.
- ◆ Confirm the accuracy of the setting by checking the squareness of an actual cut on a scrap piece of material.

Attaching and Removing the Blade (fig. I - J)

- ◆ Retract lower guard and assemble blade (10) and clamp washer (20) as shown in figure I.
- ◆ Depress the spindle lock (16) while turning the blade bolt (21) with the locking tool (13) until the blade lock engages and the blade stops rotating.

Note: Bolt has a left-handed thread. To loosen, turn clockwise. To tighten, turn counterclockwise.

Note: Never engage the blade lock while the saw is running, or engage in an effort to stop the tool.

Never turn the tool on while the blade lock is engaged. Serious damage to your saw will result.

Lower Blade Guard

Warning! Laceration Hazard. The lower blade guard is a safety feature which reduces the risk of serious personal injury. Never use the saw if the lower guard is missing, damaged, misassembled or not working properly. Do not rely on the lower blade guard to protect you under all circumstances. Your safety depends on following all warnings and precautions as well as proper operation of the saw. Check lower guard for proper closing before each use as outlined in Additional Safety Rules for Circular Saws. If the lower blade guard is missing or not working properly, have the saw serviced before using. To assure product safety and reliability, repair, maintenance and adjustment should be performed by an authorized service center or other qualified service organization, always using identical replacement parts.

Warning! To minimize the risk of eye injury, always use eye protection. Foreign objects in the work place such as wire or nails can cause tips to crack or break. Only operate saw when proper saw blade guard is in place. Mount blade securely in proper rotation before using, and always use a clean, sharp blade.

Warning! To reduce the risk of injury, It is important to support the work properly and to hold the saw firmly to prevent loss of control which could cause personal injury.

Figure E illustrates typical hand support.

Use

Warning! To reduce the risk of serious personal injury, read, understand and follow all important safety warnings and instructions prior to using tool.

Blade Selection

Your circular saw is designed for use with 140 x 2 mm diameter blades that have a 12.7 mm diameter bore. Blades must be rated for 7000 RPM operation (or higher). DO NOT use any abrasive wheels.

General Cuts

Warning! To reduce the risk of injury, remove the battery, and follow all assembly, adjustment and set up instructions. Make sure lower guard operates. Select the proper blade for the material to be cut.

- ◆ Measure and mark work for cutting.
- ◆ Support and secure work properly (See Safety Rules and Instructions).
- ◆ Use appropriate and required safety equipment (See Safety Rules).
- ◆ Secure and maintain work area (See Safety Rules).
- ◆ With battery inserted, make sure switch turns saw on and off.

Switch

Saw is equipped with a switch lock-off feature to prevent unintentional operation.

- ◆ To operate the tool, press in on the lock-off button (2) from either side of the saw and hold it in as you depress the trigger switch (3).
- ◆ After you have depressed the trigger and the tool is running, release the lock-off button.
- ◆ The tool will continue to run as long as the trigger is depressed.
- ◆ To turn the tool off, release the trigger switch.

Note: This tool has no provision for locking the tool on, and the switch should never be locked on by any other means.

Automatic Electric Brake

Your saw is equipped with an electric blade brake which stops the saw blade within 1-2 seconds of trigger release. This is automatic and requires no adjustment.

Sawing

Warning! To reduce the risk of serious personal injury, always hold the tool with both hands.

- ◆ Let the blade run freely for a few seconds before starting the cut.

- ◆ Apply only a gentle pressure to the tool while performing the cut.
- ◆ Work with the shoe pressed against the workpiece.

Hints for optimum use

- ◆ As some splintering along the line of cut on the top side of the workpiece cannot be avoided, cut on the side where splintering is acceptable.
- ◆ Where splintering is to be minimized, e.g. when cutting laminates, clamp a piece of plywood onto the top of the workpiece.

Pocket cutting (fig. K)

Warning! Never tie the blade guard in a raised position. Never move the saw backwards when pocket cutting. This may cause the unit to raise up off the work surface which could cause injury.

A pocket cut is one that is made when the edge of the material does not push the lower guard open, but the bottom edge of the rotating blade cuts into the middle of the material.

- ◆ Adjust the shoe (5) so the blade cuts at desired depth.
- ◆ Tilt the saw forward and rest front of the shoe on material to be cut.
- ◆ Using the retracting lever, retract lower blade guard to an upward position. Lower rear of shoe until blade teeth almost touch cutting line.
- ◆ Release the blade guard (its contact with the work will keep it in position to open freely as you start the cut).
- ◆ Remove hand from guard lever and firmly grip secondary handle (7), as shown in figure N. Position your body and arm to allow you to resist kickback if it occurs.
- ◆ Make sure blade is not in contact with cutting surface before starting saw.
- ◆ Start the motor, allow saw to come to full speed, and then gradually lower the saw until its shoe rests flat on the material to be cut. Advance saw along the cutting line until cut is completed as shown in figure K.
- ◆ Release trigger and allow blade to stop completely before withdrawing the blade from the material.
- ◆ When starting each new cut, repeat as above.

Troubleshooting

| Problem | Possible Cause | Possible Solution |
|----------------------|--------------------------------------|---|
| Unit will not start. | Battery pack not installed properly. | Check battery pack installation. |
| | Battery pack not charged. | Check battery pack charging requirements. |

| Problem | Possible Cause | Possible Solution |
|---------------------------|---|---|
| Motor stops while mowing. | Battery pack not inserted into charger. | Insert battery pack into charger until LED appears. |
| | Charger not plugged in. | Plug charger into a working outlet. Refer to "Important Charging Notes" for more details. |
| | Surrounding air temperature too hot or too cold. | Move charger and battery to a surrounding air temperature of above 40 degrees F (4.5°C) or below 105 degrees F (+40.5°C). |
| Unit shuts off abruptly. | Battery pack has reached its maximum thermal limit. | Allow battery pack to cool down. |
| | Out of charge. (To maximize the life of the battery pack it is designed to shutoff abruptly when the charge is depleted). | Place on charger and allow to charge. |

Accessories

The performance of your tool depends on the accessory used. BLACK+DECKER accessories are engineered to high quality standards and designed to enhance the performance of your tool. By using these accessories you will get the very best from your tool.

Maintenance

Your 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.

Warning! Before performing any maintenance, switch off and unplug the tool.

- ◆ Regularly clean the ventilation slots in your tool 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.

Mains plug replacement (U.K. & Ireland only)

If a new mains plug needs to be fitted:

- ◆ Safely dispose of the old plug.
- ◆ Connect the brown lead to the live terminal in the new plug.
- ◆ Connect the blue lead to the neutral terminal.

Warning! No connection is to be made to the earth terminal. Follow the fitting instructions supplied with good quality plugs. Recommended fuse: 3 A.

Protecting the environment



Separate collection. Products and batteries marked with this symbol must not be disposed of with normal household waste

Products and batteries contain materials that can be recovered or recycled reducing the demand for raw materials. Please recycle electrical products and batteries according to local provisions. Further information is available at www.2helpU.com

Technical data

| BDCCS18 H1 | | |
|-------------------------------|-------------------|----------|
| Input voltage | V _{ac} | 18 |
| No-load speed | min ⁻¹ | 3700 RPM |
| Max depth of cut | mm | 43 |
| Max depth of cut at 45° bevel | mm | 35 |
| Blade diameter | mm | 140 |
| Blade bore | mm | 12.7 |
| Blade tip width | mm | 2.0 |
| Weight | kg | 2.08 |

| Charger | | 905902**/N4940** | 905998**/906349** |
|---------------------|-----------------|------------------|-------------------|
| Input voltage | V _{AC} | 100-240 | 220-240 |
| Output voltage | V _{DC} | 8-20 | 8-20 |
| Current | A | 400 | 1000 |
| Approx. charge time | Hours | 3-11 | 1.5-5 |

| Battery (where supplied) | | BL2018* | BL1518* | BL4018 |
|--------------------------|-----------------|---------|---------|--------|
| Voltage | V _{DC} | 18 | 18 | 18 |
| Capacity | Ah | 2.0 | 1.5 | 4.0 |
| Type | | Li-Ion | Li-Ion | Li-Ion |

| |
|--|
| L _{pa} (sound pressure) 76.0 dB(A), Uncertainty (K) 3 dB(A) |
| L _{WA} (sound power) 87.0 dB(A), Uncertainty (K) 3 dB(A) |
| Vibration total values (triax vector sum) according to EN 62841: |
| Cutting Wood (a _{h,w}) 1.5 m/s ² , uncertainty (K) 1.5 m/s ² |

EC declaration of conformity
MACHINERY DIRECTIVE



BDCCS18 Circular Saw

Black & Decker declares that these products described under "technical data" are in compliance with:
EN62841-1:2015 , EN62841-2-5:2014.

These products also comply with Directive 2006/42/EC, 2014/30/EU and 2011/65/EU. For more information, please contact Black & Decker at the following address or refer to the back of the manual.

The undersigned is responsible for compilation of the technical file and makes this declaration on behalf of
Black & Decker.

A. P. Smith
Technical Director
Black & Decker Europe, 270 Bath Road, Slough,
Berkshire, SL1 4DX
United Kingdom
30/04/2019

Guarantee

Black & Decker is confident of the quality of its products and offers consumers a 24 month guarantee from the date of purchase. This guarantee 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.

To claim on the guarantee, the claim must be in accordance with Black&Decker Terms and Conditions and you will need to submit proof of purchase to the seller or an authorised repair agent.

Terms and conditions of the Black&Decker 2 year guarantee and the location of your nearest authorised repair agent can be obtained on the Internet at www.2helpU.com, or by contacting your local Black & Decker office at the address indicated in this manual.

Please visit our website www.blackanddecker.co.uk to register your new Black & Decker product and receive updates on new products and special offers.

| | | | |
|---|--|-------------|----------------------------------|
| Australia | Black & Decker (Australia) Pty. Ltd. 20 Fletcher Road, Mooroolbark, Victoria, 3138 | Tel. Fax | 03-8720 5100 03-9727 5940 |
| New Zealand | Black & Decker 5 Te Apunga Place Mt Wellington Auckland 1060 | Tel. Fax | +64 9 259 1133 +64 9 259 1122 |
| United Kingdom & Republic Of Ireland www.blackanddecker.co.uk emeaservice@sbdinc.com | Black & Decker 270 Bath Road Slough, Berkshire SL1 4DX | Tel. Fax | 01753 511234 01753 512365 |
