



English (*original instructions*)

2



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BLCR78

EU: Stanley Black & Decker Deutschland GmbH | Richard-Klinger-Straße 11 65510, Idstein, Germany

UK: Stanley Black & Decker UK Limited | Meadowfield Avenue, Spennymoor, DL16 6YJ, England

Fig. A

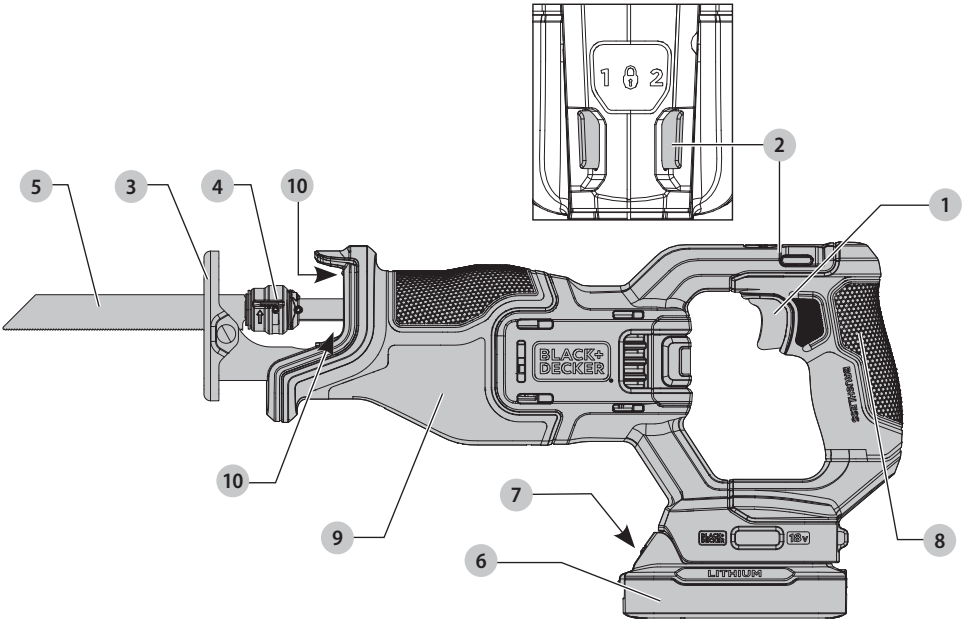


Fig. B

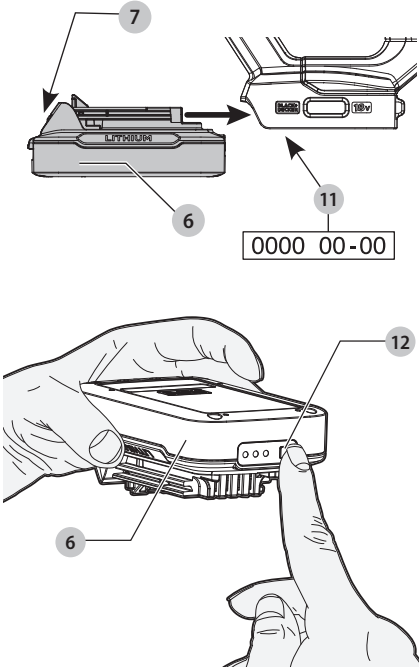
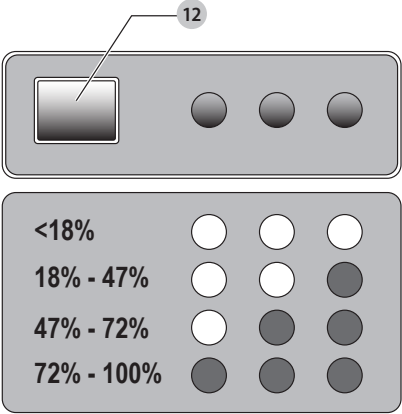


Fig. C



<18%	○	○	○
18% - 47%	○	○	●
47% - 72%	○	●	●
72% - 100%	●	●	●

Fig. D

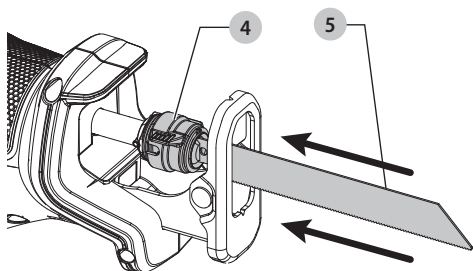


Fig. E

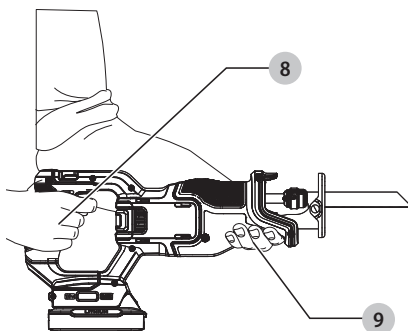


Fig. F

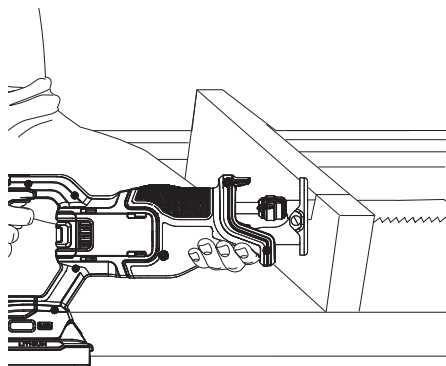


Fig. G

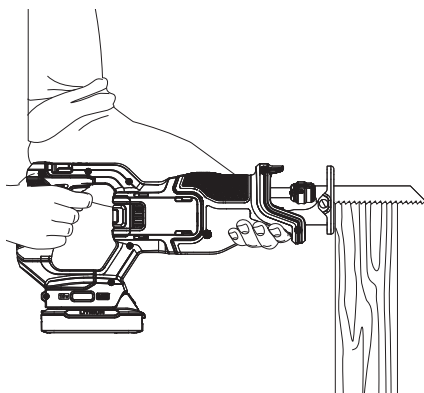


Fig. H

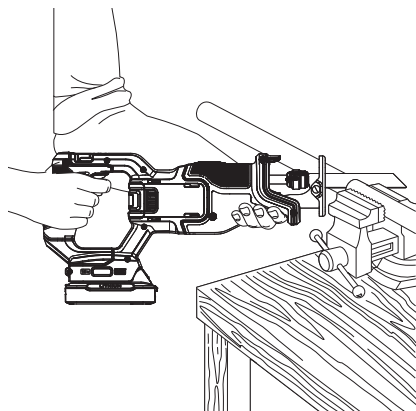
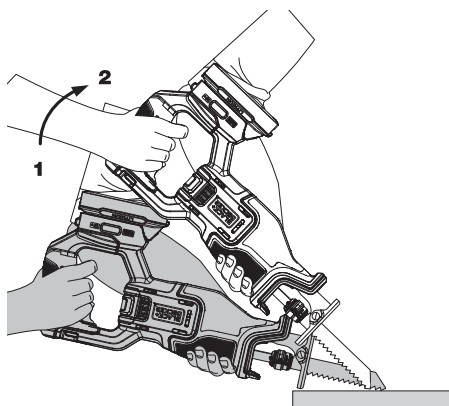


Fig. I



18V BRUSHLESS RECIPROCATING SAW

BLCR78

Documents Available Online

www.2helpU.com/DoC/ or
www.2helpU.com/DoC/index/xxx*

*For direct access, replace "xxx" with the product's model number given on the product rating label or packaging.

- Instruction Manual
- Declaration of Conformity (DoC)
- Product Emission Data (PED): Information about Noise, Vibration and Dust (not applicable for all products)

 **WARNING: Read all safety warnings, instructions, illustrations, and specifications in this manual, including the battery and charger sections provided in an original tool manual or the separate Batteries and Chargers manual. Manuals can be obtained by contacting Customer Service (refer to the back page of this manual).**

Technical Data

BLCR78		
Voltage	V _{DC}	18
Type		1
Battery type		Li-Ion
No load speed	min ⁻¹	0–2000/ 0–3100
Stroke length	mm	25.4
Weight	kg	1.7
Cutting capacity		
Wood	mm	300
Steel	mm	100

Definitions: Safety Guidelines

The definitions below describe the level of severity for each signal word. Please read the manual and pay attention to these symbols.

-  **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**.
-  **CAUTION:** Indicates a potentially hazardous situation which, if not avoided, **may** result in **minor or moderate injury**.
- NOTICE:** Indicates a practice **not related to personal injury** which, if not avoided, **may** result in **property damage**.

 Denotes risk of electric shock.

 Denotes risk of fire.

GENERAL POWER TOOL SAFETY WARNINGS

 **WARNING: Read all safety warnings, instructions, illustrations and specifications provided with this power tool.** Failure to follow all 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 the warnings 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 a 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 and clothing 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.

h) **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

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 remove the battery pack, if detachable, 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 tool's 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 130 °C 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 Safety Instructions for Reciprocating Saws

- **Hold the power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring.** Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.

- **Use clamps or another practical way to secure and support the workpiece to a stable platform.** Holding the workpiece by hand or against your body leaves it unstable and may lead to loss of control.

- **Inspect work area for hidden electrical wiring, gas pipes or water pipes before making blind or plunge cuts.** Failure to do so may result in electrical shock, fire, explosion, or property damage.

- **ALWAYS wear a dust mask.** Exposure to dust particles can cause breathing difficulty and possible injury.

- **Never switch on the tool when the saw blade is jammed in the workpiece or in contact with the material.**

- **Keep hands away from cutting area.** Never reach underneath the material for any reason. Hold front of saw by grasping the contoured gripping area. Do not insert fingers or thumb into vicinity of the reciprocating blade and blade clamp. Do not stabilize the saw by gripping the shoe.

- **Use extra caution when cutting overhead and pay particular attention to overhead wires which may be hidden from view.** Anticipate the path of falling branches and debris ahead of time.

- **Do not operate this tool for long periods of time.** Vibration caused by the operating action of this tool may cause permanent injury to fingers, hands, and arms. Use gloves to provide extra cushion, take frequent rest periods, and limit daily time of use.

- **Hold saw firmly with both hands for all cutting operations.** During cutting operations, the blade may suddenly bind in the work and may cause the saw to kickback towards the operator.

- **Keep blades sharp.** Dull blades may cause the saw to swerve or stall under pressure.

- **When cutting pipe or conduit ensure that they are free from water, electrical wiring, etc.**

- **Do not touch the workpiece or the blade immediately after operating the tool.** They can become very hot.

Switching On and Off

- After switching off, never attempt to stop the saw blade with your fingers.

- Never put the saw down on a table or work bench unless switched off. The saw blade will keep running briefly after the tool has been switched off.

When Sawing

- When using saw blades specially designed for cutting wood, remove all nails and metal objects from the workpiece before starting work.
- Wherever possible, use clamps and vises to fasten the workpiece securely.
- Do not attempt to saw extremely small workpieces.
- Do not lean too far forward. Make sure that you always stand firmly, particularly on scaffolding and ladders.
- For cutting curves and pockets, use approved accessories.

Checking and Changing the Saw Blade

- Only sharp saw blades in perfect working condition should be used; cracked or bent saw blades should be discarded and replaced at once.
- Ensure that the saw blade is secure in the blade clamp.

SAVE THESE INSTRUCTIONS

⚠ WARNING: Do not operate this tool for long periods of time. *Vibration caused by the operating action of this tool may cause permanent injury to fingers, hands, and arms. Use gloves to provide extra cushion, take frequent rest periods, and limit daily time of use.*

⚠ WARNING: Inspect work area for hidden electrical wiring, gas pipes or water pipes before making blind or plunge cuts. *Failure to do so may result in electrical shock, fire, explosion, or property damage.*

- **ALWAYS wear a dust mask.** *Exposure to dust particles can cause breathing difficulty and possible injury.*
- **Hold saw firmly with both hands for all cutting operations.** *During cutting operations, the blade may suddenly bind in the work and may cause the saw to kickback towards the operator.*
- **Never** switch on the tool when the saw blade is jammed in the workpiece or in contact with the material.
- **Keep hands away from cutting area.** *Never reach underneath the material for any reason. Hold front of saw by grasping the contoured gripping area. Do not insert fingers or thumb into the vicinity of the reciprocating blade and blade clamp. Do not stabilize the saw by gripping the shoe.*
- **Keep blades sharp.** *Dull blades may cause the saw to swerve or stall under pressure.*
- **Use extra caution when cutting overhead and pay particular attention to overhead wires which may be hidden from view.** *Anticipate the path of falling branches and debris ahead of time.*
- **When cutting pipe or conduit ensure that they are free from water, electrical wiring, etc.**
- **Do not touch the workpiece or the blade immediately after operating the tool.** *They can become very hot.*

SAFETY OF OTHERS

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.

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).*

Compatible Batteries and Chargers

These battery packs and chargers may be used:

Battery	(kg)	Chargers
BL1518	0.36	S018BOV1800100
BL2018	0.37	S018BOB1800100
BL2518	0.37	90634973
BDL1518S	0.36	SSC-250040EU
BDL2018S	0.37	SSC-250040UK
BDL2518S	0.38	SSC-200100EU
BDL1518	0.36	SSC-200100UK
BDL2018	0.37	90599854-02
BDL2518	0.38	BDC2A
BL4018	0.64	
BDL4018S	0.64	
BL5018	0.65	

Refer to the battery/charger section or manual for more information.

Package Contents

The package contains:

- 1 Reciprocating Saw
- 1 Instruction manual

NOTE: Battery packs, and chargers are not included with N models.

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- *Check for damage to the tool, parts or accessories which may have occurred during transport.*
- *Take the time to thoroughly read and understand this manual prior to operation.*

Labels on Tool

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



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



User must wear sufficient eye and ear protection.



Do not stare at operating lamp.

Date Code Position (Fig. B)

The production date code **11** consists of a 4-digit year followed by a 2-digit week and is extended by a 2-digit factory code.

Features (Fig. A)

This tool includes some or all of the following features.

- 1 Variable speed switch
- 2 Speed selector/lock-out switch
- 3 Pivoting shoe
- 4 Blade clamp collar
- 5 Blade
- 6 Battery pack
- 7 Battery release button
- 8 Main handle
- 9 Secondary gripping handle
- 10 LED worklight

Intended Use

The BLCR78 is designed for sawing applications.

DO NOT use under wet conditions or in presence of flammable liquids or gases.

DO NOT let children come into contact with the tool. Supervision is required when inexperienced operators use this tool.

- **Young children and the infirm.** This appliance is not intended for use by young children or infirm persons without supervision.
- This product is not intended for use by persons (including children) suffering from diminished physical, sensory or mental abilities; lack of experience, knowledge or skills unless they are supervised by a person responsible for their safety. Children should never be left alone with this product.

ASSEMBLY AND ADJUSTMENTS

▲ WARNING: To reduce the risk of serious personal injury, turn tool off and disconnect battery pack before making any adjustments or removing/installing attachments or accessories. An accidental start-up can cause injury.

▲ WARNING: Use only BLACK+DECKER batteries and chargers.

Installing and Removing the Battery Pack (Fig. B)

▲ WARNING: Ensure the tool/appliance is in the off position before inserting the battery pack.

NOTE: For best results, make sure your battery pack is fully charged.

1. To install the battery pack **6** into the tool handle, align the battery pack with the rails inside the tool's handle and slide it into the handle until the battery pack is firmly seated in the tool and ensure that it does not disengage.

2. To remove the battery pack from the tool, press the battery pack release button **7** and firmly pull the battery pack out of the tool handle. Insert battery into the charger.

Battery State of Charge Indicator (Fig. B, C)

The battery pack **6** includes a state of charge indicator button **12** to quickly determine the extent of battery life as shown in Fig. B, C.

By pressing the state of charge indicator button you can easily view the charge remaining in the battery as illustrated in Fig. B, C.

▲ WARNING: Cut hazard. Blade breakage may occur if the blade does not extend past the shoe and the thickness of the workpiece during the cut. Increased risk of personal injury, as well as damage to the shoe and workpiece may result.

▲ WARNING: Only sharp saw blades in perfect working condition should be used; cracked or bent saw blades should be discarded and replaced at once.

▲ WARNING: Do not run the recip saw with no load (holding the recip saw in the air). Depending on the blade, the saw and blade could vibrate heavily.

Blade Installation and Removal (Fig. A, D)

To Install Blade into Saw

1. Hold the tool away from body.
2. Using the tab on the blade clamp collar **4**, rotate to open the collar to its full open position.

3. Insert blade **5** shank, from the front, fully into blade clamp collar.

NOTE: Blade can be installed upside-down to assist in *Flush Cutting*.

4. Release blade clamp collar and gently tug on the blade to ensure blade is clamped securely.

To Remove Blade from Saw

▲ WARNING: Burn hazard. Do not touch the blade and blade clamp collar immediately after use. Contact with the blade may result in personal injury.

1. Rotate to open blade clamp collar **4** to its full open position.
2. Remove blade.

To Remove a Broken Blade

If the blade breaks so that the broken piece is caught inside the clamp, take the following steps to remove the remainder of the blade from the saw.

1. Remove battery pack **6**.
2. While holding the blade clamp collar open and the saw clamp opening facing down, shake until the broken blade falls out.

OPERATION

Instructions for Use

▲ WARNING: Always observe the safety instructions and applicable regulations.

▲ WARNING: To reduce the risk of serious personal injury, turn tool off and disconnect battery pack before making any adjustments or removing/installing attachments or accessories. An accidental start-up can cause injury.

Proper Hand Position (Fig. E)

▲ WARNING: To reduce the risk of serious personal injury, **ALWAYS** use proper hand position as shown.

▲ WARNING: To reduce the risk of serious personal injury, **ALWAYS** hold securely in anticipation of a sudden reaction. Proper hand position requires one hand on the secondary gripping handle 9, with the other hand on the main handle 8.

Speed Selector and Lock-Out Switch (Fig. A)

The tool is equipped with two speed settings to select suitable speed when cutting different material. Lower speed for precise cuts and higher speed for quicker cutting.

NOTE: Do not change speeds when the tool is running. Always allow the tool to come to a complete stop before changing speed.

1. To select speed 1 (low speed), slide the speed selector/lock-out switch 2 so that the blade icon aligns with position 1.
2. To select speed 2 (high speed), slide the speed selector/lock-out switch so that the blade icon aligns with position 2.
3. To lock the tool, slide the speed selector/lock-out switch to the center locked position. When the speed selector/lock-out switch is in the locked position, the tool is locked and the variable speed switch 1 cannot be pulled.

Variable Speed Switch (Fig. A)

The tool is equipped with a switch lock-out feature to prevent unintentional operation. Refer to **Speed Selector and Lock-Out Switch** section.

1. To switch the tool on, slide the speed selector/lock-out switch 2 to the desired speed and then squeeze the variable speed switch 1.
2. Releasing the variable speed switch turns the motor OFF.

NOTE: This tool has no provision to lock the switch in the ON position, and should never be locked in the ON position by any other means.

Worklight (Fig. A)

▲ CAUTION: Do not stare into worklight. Serious eye injury could result.

There is an LED worklight 10 located on the front of the tool near the shoe. The worklight is activated when the trigger switch is depressed, and will remain on for a short time after the trigger switch is released. If the trigger switch remains depressed, the worklight will remain on.

NOTE: The worklight is for lighting the immediate work surface and is not intended to be used as a flashlight.

Cutting (Fig. A, E–I)

▲ WARNING: Always use eye protection. All users and bystanders must wear eye protection that conforms to ANSI Z87.1.

▲ WARNING: Exercise extra caution when cutting towards operator. Always hold saw firmly with both hands while cutting. The blade 5 should extend past the pivoting shoe 3 and the thickness of the workpiece throughout the cut. Select the blade best suitable for the material to be cut and use the shortest blade suitable for the thickness of the material.

NOTE: Do not use jigsaw blades with this tool.

NOTE: Before cutting any type of material, be sure it is firmly anchored or clamped to prevent slipping.

- Place blade 5 and pivoting shoe 3 lightly against work to be cut.

- Switch on saw motor and allow it to obtain maximum speed before applying pressure.

- Always hold saw firmly with both hands while cutting as shown in Fig. E. Whenever possible, the pivoting shoe must be held firmly against the material being cut. This will prevent the saw from jumping or vibrating and will minimize blade breakage.

Flush Cutting (Fig. A, F)

The compact design of the reciprocating saw motor housing and pivoting shoe 3 permit close cutting to floors, corners and other difficult areas.

1. To maximize flush cutting capabilities, insert the blade shaft into the blade clamp collar 4 with the teeth of the blade facing up.
2. Turn the saw upside down so you are as close to the work surface as possible.

Wood Cutting (Fig. A, G)

1. Before cutting any type of wood, be sure the workpiece is firmly anchored or clamped to prevent slipping.
2. Place blade 5 and pivoting shoe 3 firmly against work to be cut.
3. Switch on saw motor before starting the cut.
4. Always hold saw firmly with both hands while cutting. Whenever possible, the pivoting shoe must be held firmly against the material being cut. This will prevent the saw from jumping or vibrating and minimize blade breakage.

Metal Cutting (Fig. A, H)

1. Use a fine-tooth blade for ferrous metals and a coarse-tooth blade for non-ferrous materials.
2. In thin gauge sheet metals it is best to clamp wood to the underside of the sheet. This will ensure a clean cut without excess vibration or tearing of metal.
3. Avoid forcing cutting blade as this reduces blade life and causes costly blade breakage.

NOTE: You should spread a thin film of oil or other coolant along the line ahead of the saw cut for easier operation and longer blade life. For cutting aluminum, kerosene is preferred.

Pocket Cutting – Wood Only (Fig. A, I)

Measure the surface area to be cut and mark clearly with a pencil, chalk or scribe.

1. Insert blade 5 in blade clamp collar 4 and tighten blade clamp securely.
2. Ensure the teeth of the blade are facing up, then hold the saw upside down.
3. Tip the saw backward until the back edge of the pivoting shoe is firmly on the work surface.
4. Switch motor on, permitting blade to attain maximum speed.
5. Grip handle steadily and begin a slow, deliberate upward swing with the handle of the saw.
6. The blade will begin to feed into material. Always be sure blade is completely through material before continuing with pocket cut.

NOTE: In areas where blade visibility is limited, use the edge of the pivoting shoe as a guide.

▲ WARNING: Never hold shoe while cutting.

Project Tips

- Cut only with sharp blades; they cut cleaner, faster and put less strain on the motor while cutting.

- When cutting, always ensure that the pivoting shoe is resting against the workpiece. This will improve operator control and minimize vibration.
- For longer blade life, use bi-metal blades or high carbon steel blades. These utilize a carbon steel back welded to high speed steel teeth making the blade more flexible and less prone to breaking.

Reducing Dust Exposure

Before starting work, check the hazard class of the dust that will be produced when working.

- ▲ WARNING:** Avoid touching or breathing dust as it can be harmful to health. Dust created when using a power tool and when conducting other construction activities can contain chemicals, minerals, or particles known to cause respiratory infections, allergic reactions, cancer, birth defects, or other reproductive harm of the user or bystanders.
- Such dust can be generated, for example, when working on hardwoods such as beech or oak, lead-based paint, concrete, masonry, or stones containing quartz.
 - Material containing asbestos may be handled only by specialists.
 - Observe the relevant regulations in your country for the materials to be worked on.
 - Use a dust extractor or extraction system with an officially approved protection class in compliance with the locally applicable dust protection regulations and suitable for the material to be worked on.
 - Capture the resulting dust particles directly at the source and avoid deposits in the surrounding area. Use suitable extraction accessories for this purpose.

Additional measures:

- Make sure that the workplace is well ventilated.
- Wear a respirator appropriate for the type of dust generated.

TROUBLESHOOTING GUIDE

IF YOUR RECIP SAW DOES NOT OPERATE CORRECTLY CHECK THE FOLLOWING:

Problem	Possible cause	Possible solution
Tool will not turn on.	Battery pack not installed properly.	Check battery pack installation.
	Battery pack not charged.	Check battery pack charging requirements.
Battery pack will not charge.	Battery pack not inserted into charger.	Insert battery pack into charger until LED illuminates.
	Charger not plugged in.	Plug charger into a working outlet. Refer to separate Batteries and Chargers manual for more details.
	Surrounding air temperature too hot or too cold.	Move charger and battery pack to a surrounding air temperature of above 40 °F (4.5°C) or below 105 °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 shut off abruptly when the charge is depleted.)	Place on charger and allow to charge.

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.blackanddecker.eu.

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.

Please refer to the back page of this manual for service centre contact information, or visit www.2helpU.com.

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

- Regularly open the chuck and tap it to remove any dust from the interior.

Lubrication

Your power tool requires no additional lubrication.

Cleaning

▲ WARNING: Electrical shock and mechanical hazard. Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the product before cleaning.

▲ WARNING: To ensure safe and efficient operation, always keep the product and the ventilation slots (if applicable) clean. Ventilation slots can be cleaned using a dry, soft non-metallic brush and/or a suitable vacuum cleaner. Do not use water or any cleaning solutions.

▲ WARNING: Blow dirt and dust out of the main housing with dry air as often as dirt is seen collecting in and around the ventilation slots. Wear approved eye protection and approved dust mask when performing this procedure.

▲ WARNING: Never use solvents or other harsh chemicals for cleaning the non-metallic parts of the product. These chemicals may weaken the materials used in these parts. Use a cloth dampened only with water and mild soap. Never let any liquid get inside the product. Never immerse any part of the product into a liquid.

Optional Accessories

▲ WARNING: Since accessories, other than those offered by BLACK+DECKER have not been tested with this product, use of such accessories with this tool could be hazardous. To reduce the risk of injury, only BLACK+DECKER recommended accessories should be used with this product.

Consult your dealer for further information on the appropriate accessories.

Blades

The saw will accept a blade up to 300 mm (12") long. Always use the shortest blade suitable for your project but long enough to keep the blade cutting through the material. Longer blades are more likely to be bent or damaged during use. During operation some longer blades may vibrate or shake if the saw is not kept in contact with the workpiece.

Protecting the Environment



Products/batteries are recyclable, but if marked with the crossed-out bin, they must not be disposed of with normal household waste.

Run the batteries down completely and separate them, and separate any light sources from the product if possible. It is the user's responsibility to delete personal data from the product. Then take the waste to an official waste collection center or a participating retailer who will often accept it free of charge. Packaging should be discarded based on the marked material code. Operating and safety instructions should only be discarded once the applicable product is no longer in use.

Please check with your local community/municipality for waste management guidance. For further information, visit

www.2helpU.com and scan the above QR code.

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 and the United Kingdom.

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.eu** to register your new Black & Decker product and receive updates on new products and special offers.

Australia & New Zealand www.blackanddecker.com.au www.blackanddecker.co.nz	Australia & New Zealand Stanley Black & Decker 810 Whitehorse Road Box Hill VIC 3128, Australia	Tel. 1800 338 002 (Aust) Tel. 0800 339 258 (NZ)
België/Belgique/Luxembourg www.blackanddecker.be enduser.be@sbdinc.com	Stanley Black & Decker Belgium BVBA Egide Walschaertsstraat 16 2800 Mechelen	Tel. NL +32 15 47 37 65 Tel. FR +32 15 47 37 66 Fax +32 15 47 37 99
Danmark	Black & Decker Roskildevej 22 2620 Albertslund	kundeservice.dk@sbdinc.com www.blackanddecker.dk
Deutschland www.blackanddecker.de infobfge@sbdinc.com	Stanley Black & Decker Deutschland GmbH Richard-Klinger-Strasse 11 65510 Idstein, Deutschland	Tel. 06126 21-0 Fax 06126 21-2980
Ελλάδα www.blackanddecker.gr greece.service@sbdinc.com SERVICE:	Stanley Black & Decker (ΕΛΛΑΣ) Ε.Π.Ε ΓΡΑΦΕΙΑ Στρόβωνος 7 & Βουλιαγμένης 166 74 Γλυφάδα - Αθήνα Ημερος Τόπος 2 - Χάνι Αδάμ 193 00 Ασπρόπυργος - Αθήνα	Τηλ. 210-8981616 Φαξ 210-8983570 Τηλ. Service 210-8985208 Φαξ 210-5597598
España www.blackanddecker.es respuesta.posventa@sbdinc.com	Stanley Black & Decker Ibérica, S.C.A. Parc de Negocios "Mas Blau" Edificio Muntadas, c/Bergadà, 1, Of. A6 08820 El Prat de Llobregat (Barcelona)	Tel. 934 797 400 Fax 934 797 419
France www.blackanddecker.fr	Black & Decker (France) S.A.S. 5 allée des Hêtres B.P. 30084 69579 Limonest Cédex	Tel. 04 72 20 39 20 Fax 04 72 20 39 00
Helvetia www.blackanddecker.ch service@rofoag.ch	ROFO AG Gewerbezone Seeblick 3213 Kleinbösingen	Tel. 026-6749393 Fax 026-6749394
Italia www.blackanddecker.it service.italia@sbdinc.com	Stanley Black & Decker Italia Via Energy park 6 20871 Vimercate (MB)	Tel. 039-9590200 Fax 039-9590313 Numero verde 800-213935
Nederland www.blackanddecker.nl enduser.nl@sbdinc.com	Stanley Black & Decker Netherlands BV Holtum Noordweg 35, 6121 RE BORN Postbus 83, 6120 AB BORN	Tel. +31 164 283 065 Fax +31 164 283 200
Norge	Black & Decker Postboks 4613, Nydalen 0405 Oslo	kundeservice.no@sbdinc.com www.blackanddecker.no
Österreich www.blackanddecker.at service.austria@sbdinc.com	Stanley Black & Decker Austria GmbH Oberlaaerstraße 248, A-1230 Wien	Tel. 01 66116-0 Fax 01 66116-614
Portugal www.blackanddecker.pt resposta.posvenda@sbdinc.com	Black & Decker Limited SARL Quinta da Fonte - Edifício Q55 D. Diniz Rua dos Malhões, 2 e 2A - Piso 2 Esquerdo 2770 - 071 Paço de Arcos	Tel. 214667500 Fax 214667580
Suomi	Black & Decker PL47 00521, Helsinki	asiakaspalvelu.fi@sbdinc.com www.blackanddecker.fi
Sverige	Black & Decker AB Box 94, 431 22 Mölndal	kundeservice.se@sbdinc.com www.blackanddecker.se
Türkiye https://tr.blackanddecker.global info-tr@sbdinc.com	Stanley Black & Decker Turkey Alet Üretim Tic. Ltd.Şti. İçerenköy Mahallesi Umur Sokak No: 10-12 / 82-83-84 Kat: 19 Ataşehir-İstanbul, Türkiye	Tel. +90 216 665 2900 Faks: +90 216 665 2901 Servis Bilgi Tel. +90 216 912 2313
United Kingdom & Republic Of Ireland www.blackanddecker.co.uk emeaservice@sbdinc.com	Black & Decker Meadowfield Avenue, Spennymoor DL16 6YJ, England	Tel. +44 (0)1753 511234 Fax +44 (0)1753 512365
Middle East & Africa www.blackanddecker.ae service.mea@sbdinc.com	Black & Decker P.O. Box - 17164 Jebel Ali Free Zone (South), Dubai, UAE	Tel. +971 4 8863030 Fax +971 4 8863333