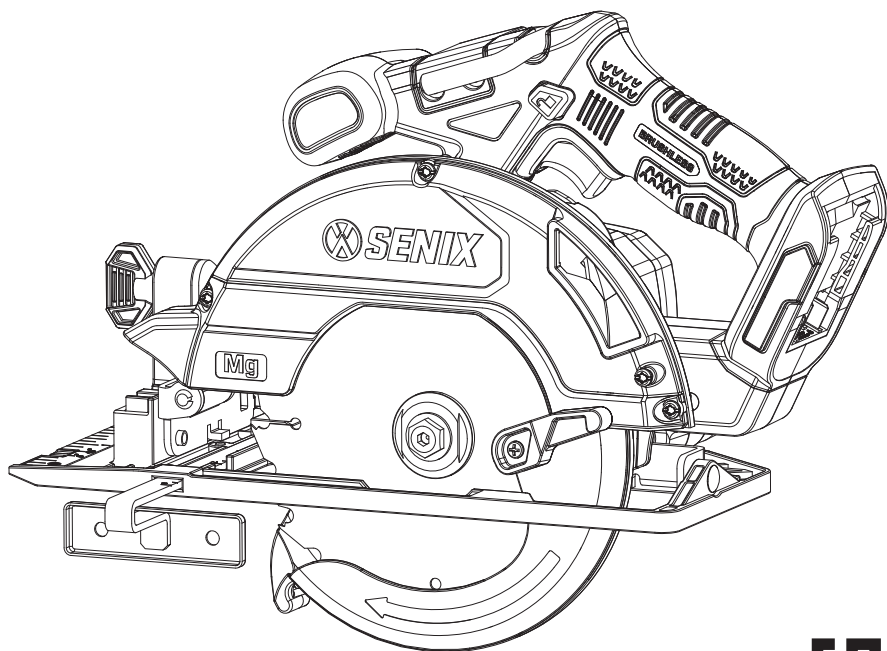




**X2** **20V** <sup>\*</sup> **|||||** **BRUSHLESS**  
LITHIUM-ION

## CORDLESS CIRCULAR SAW

PSCX2-M6-EU



**EAC**

**CAUTION:** Before using this tool, please read this manual completely, and follow all operating safety measures.

For customer service please find all information on [WWW.SENIXTOOL.RU](http://WWW.SENIXTOOL.RU)

**CAUTION: BEFORE USING THIS PRODUCT, READ THIS MANUAL AND FOLLOW ALL ITS SAFETY RULES AND OPERATING INSTRUCTIONS.**

ORIGINAL INSTRUCTIONS

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Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or local store for recycling advice.



The product complies with the applicable European directives and an evaluation method of conformity for these directives was done.

## SAFETY & INTERNATIONAL SYMBOLS

The following table depicts and describes safety and international symbols and pictographs that may appear on this product. Read, understand, and follow all instructions on the machine and in the instruction manual for complete safety, assembly, operating, maintenance, and repair information before attempting to assemble and operate.



Caution / Warning.



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



Wear eye protection.



Wear a dust mask.



Wear safety footwear.



Wear protective gloves.



Using damaged cutting or roughing discs is dangerous and may cause serious injury.



Not approved for wet cutting.



Keep bystanders a safe distance away from the work area.

# SAFETY INSTRUCTIONS

## 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

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

#### 2. Electrical Safety

- a. **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- b. **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.**  
*There is an increased risk of electric shock if your body is earthed or grounded.*
- c. **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- d. **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.**  
*Damaged or entangled cords increase the risk of electric shock.*
- e. **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric

shock.


- f. **If operating a power tool in a damp location is unavoidable, use a ground fault circuit interrupter (GFCI) protected supply.** Use of a GFCI reduces the risk of electric shock.
- 
- #### 3. Personal Safety
- a. **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
  - b. **Use personal protective equipment. Always wear eye protection.** Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.
  - c. **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 energizing 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 jewelry. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewelry or long hair can be caught in moving parts.
  - g. **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of 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 behavior 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 (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 authorized service providers.*

## SAFETY INSTRUCTIONS FOR ALL SAWS

### Cutting procedures

- a.  **DANGER:** 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.
- b. **Do not reach underneath the workpiece.** *The guard cannot protect you from the*

blade below the workpiece.

- c. **Adjust the cutting depth to the thickness of the workpiece.** *Less than a full tooth of the saw blade should be visible below the workpiece.*
- d. **Never hold the workpiece in your hands or across your leg while cutting. Secure the workpiece to a stable platform.** *It is important to support the workpiece properly to minimise body exposure, blade binding, or loss of control.*
- e. **Hold the power tool by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring.** *Contact with a "live" wire will also make exposed metal parts of the power tool "live" and could give the operator an electric shock.*
- f. **When rip cutting, always use a rip fence or straight edge guide.** *This improves the accuracy of cut and reduces the chance of blade binding.*
- g. **Always use blades with correct size and shape (diamond versus round) of arbor holes.** *Blades that do not match the mounting hardware of the saw will run off-centre, center and can cause loss of control.*
- h. **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, jammed 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 jammed 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.

- a. **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.*
- b. **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 workpiece 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.*
- c. **When restarting a saw in the workpiece, center the saw blade in the kerf so that the saw teeth are not engaged into the material.** *If a saw blade binds, it may walk up or kickback from the workpiece as the saw is restarted.*
- d. **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 cut line and near the edge of the panel.*
- e. **Do not use dull or damaged blades.** *Unsharpened or improperly set blades produce a narrow kerf and can cause excessive friction, blade binding and kickback.*
- f. **Blade depth and bevel adjustment locking levers must be tight and secure before making the cut.** *If blade adjustment shifts while cutting, it may cause binding and kickback.*
- g. **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

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

- b. **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 or a build-up of debris.*
- c. **The lower guard may be retracted manually only for special cuts such as "plunge cuts" and "compound cuts". Raise the lower guard by the retracting handle and as soon as the blade enters the material, the lower guard must be released.** *For all other sawing, the lower guard should operate automatically.*
- d. **Always observe that the lower guard is covering the blade before placing the 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.*

## ADDITIONAL SPECIFIC SAFETY INSTRUCTIONS FOR CIRCULAR SAW



### WARNING!

Do not use abrasive wheels or blades. Do not use water feed attachments.

- 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.
- Keep your body positioned to either side of the blade, but not in line with the saw blade. Kickback could cause the saw to jump backwards.
- Air vents often cover moving parts and should be avoided. Loose clothes, jewelry or long hair can be caught in moving parts.
- Avoid cutting nails. Inspect for and remove all nails from lumber before cutting.



### WARNING!

Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to the State of California to cause cancer, birth

defects or other reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints, crystalline silica from bricks and cement and other masonry products, arsenic and chromium from chemically-treated lumber.
- Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals:
- Work in a well-ventilated area, and work with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles. Avoid prolonged contact with dust from power sanding, sawing, grinding, drilling, and other construction activities. Wear protective clothing and wash exposed areas with soap and water. Allowing dust to get into your mouth, eyes, or lay on the skin may promote absorption of harmful chemicals.

## DUST EXTRACTION

A dust extraction port is supplied with your tool. Always use a vacuum extractor designed in compliance with the applicable directives regarding dust emission when sawing wood. Vacuum hoses of most common vacuum cleaners will fit directly into the dust extraction spout.



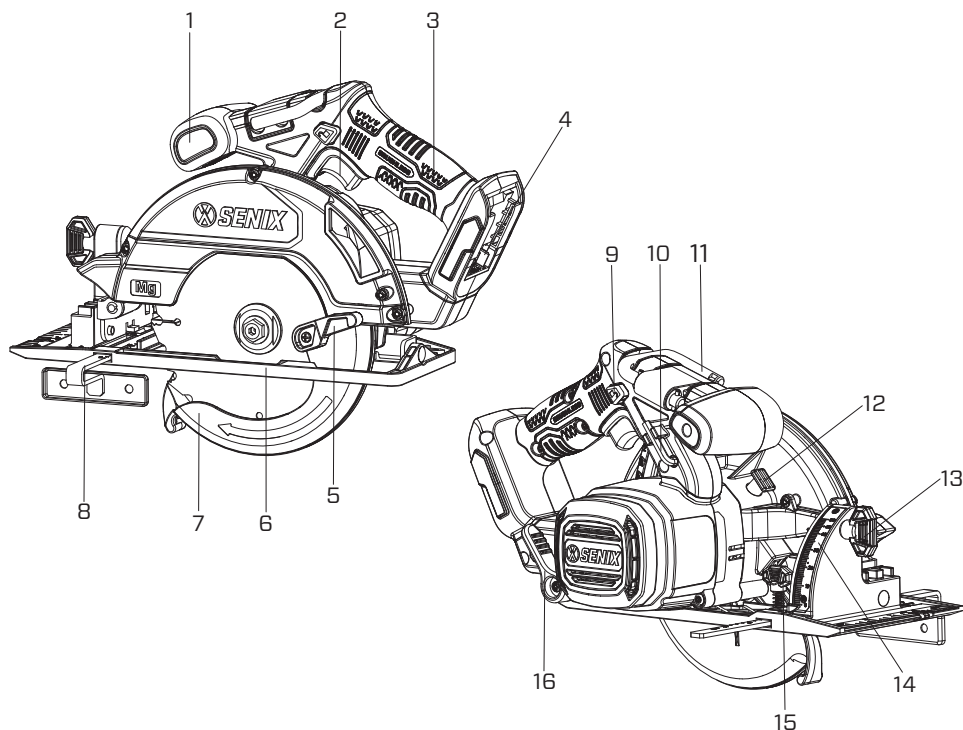
### WARNING!

When not in use, place circular saw on a stable surface, shoe side down, where it will not cause a tripping or falling hazard. Some tools with large battery packs will stand upright on the battery pack but may be easily knocked over.

## INTENDED USE

This circular saw is intended for sawing straight cuts in wood, wood-type materials, and plastics. Do not use it for other purposes.

# KNOW YOUR UNIT



## APPLICATIONS

Model: PSCX2-M6-EU

As a circular saw:

Saw wood, wood-type materials, and plastics.

1	Front Handle
2	Trigger
3	Handle
4	Battery Docking Port
5	Lower Guard Lever
6	Baseplate
7	Lower Blade Guard
8	Rip Fence

9	Safety Switch
10	Hex Wrench
11	Rafter Hook
12	Spindle Lock Button
13	Bevel Adjustment Knob
14	Bevel Adjustment Bracket
15	Rip Fence Adjustment Knob
16	Depth Adjustment Lever

## SPECIFICATIONS\*

Model	PSCX2-M6-EU
Motor Type	Brushless
Input Voltage	18 V $\approx$ (20 V $\approx$ Max*)
No-Load Speed	5000 RPM
Maximum Cut Depth	90° : 56 mm 45° : 41 mm
Bevel Capacity	0° - 50°
Maximum Blade Diameter	165 mm
LED Light	Yes
Arbor Size	20 mm
Weight (Tool Only)	3.1 kg
A-Weighted Sound Pressure Level $L_{PA}$	$L_{PA}=89.8$ dB(A)
Uncertainty $K_{PA}$	$K_{PA}=3.0$ dB(A)
A-Weighted Sound Power Level $L_{WA}$	$L_{WA}=97.8$ dB(A)
Uncertainty $K_{WA}$	$K_{WA}=3.0$ dB(A)
Vibration Total Value $a$ ( $m/s^2$ )	$a_h, w=9.508$ $m/s^2$
Uncertainty $K(m/s^2)$	$K=1.5$ $m/s^2$

\*20V Max battery, maximum initial battery voltage (measured without a workload) is 20V. The nominal voltage is 18V.



### NOTE:

Only use the following batteries: B20X2/ B25X2/B40X2/B50X2/B60X2/B80X2 and chargers: CHX2-L1-EU, CHX2, CHQX2, CHQX2-M-EU, CHDX2-M-EU.

## ASSEMBLY

1. Unpack all parts and lay them on a flat, stable surface:
2. Remove all packing materials and shipping devices, if applicable.
3. The scope of delivery varies depending on the country and purchased variant.
  - Circular saw x1
  - Saw blade x1
  - Rip fence x1
  - Dust extraction adapter x1
  - Screw x1
  - Hex wrench x1
  - Instruction manual x1
4. If you find that parts are missing or show damage do not use the product and contact your dealer. Using an incomplete or damaged product represents a hazard to people and property.
5. Ensure that you have all the accessories and tools needed for assembly and operation. This also includes suitable personal protective equipment.



### WARNING!



Wear protective gloves for this assembly work and always lay the product on a flat and stable surface while assembling. Follow the assembly instructions step-by-step and use the pictures provided as a visual guide to easily assemble the product! Do not insert the battery pack before the power tool is completely assembled or adjusted!

## SAW BLADE

1. Raise the depth adjustment lever up and lower the baseplate to expose the maximum blade mounting area, then pull down the lever to secure the baseplate.

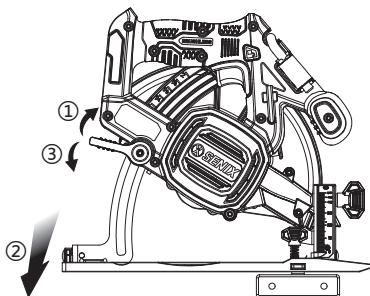


Fig. 1

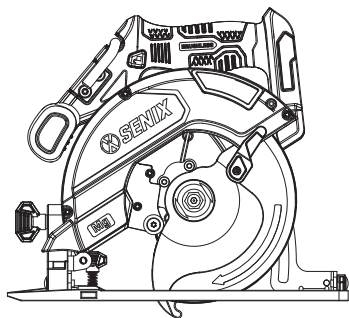


Fig. 2

2. Remove the supplied wrench from the tool.

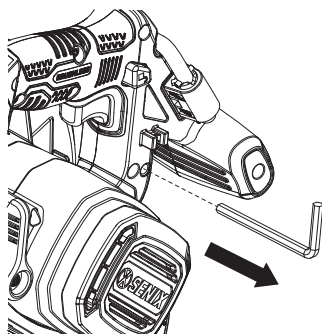


Fig. 3

3. To remove the bolt from the spindle, push in the spindle lock button.

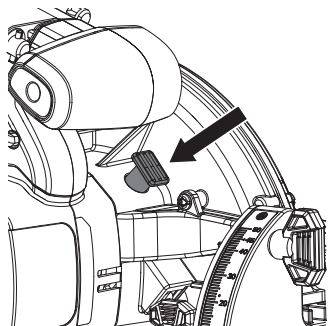


Fig. 4

4. While holding in the spindle lock button, use the wrench provided with the tool to turn the bolt clockwise. Remove the bolt and outer flange.
5. Slide the lower guard lever up to raise the lower guard. Always clean the spindle, upper guard and lower guard to remove any dirt and sawdust.



## NOTE:

Do not remove inner flange. Larger diameter of inner flange should face the blade.

6. Place the blade on the spindle with the teeth pointing in the same direction as the arrow on the lower guard. Release the lower guard lever.
7. Place the outer flange on the spindle.
8. While holding in the spindle lock button, use the wrench to turn the bolt counterclockwise and tighten.

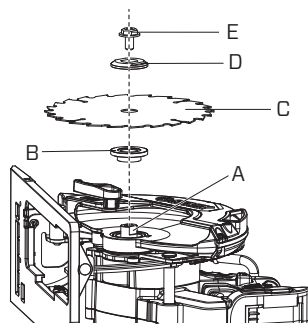


Fig. 5

A	Spindle
B	Inner Flange
C	Blade
D	Outer Flange
E	Bolt

9. Make sure the blade is secured firmly and rotates freely.

## DUST EXTRACTION ADAPTER

You can choose to install the dust extraction adapter or not.

### To install the dust extraction adapter:

To install the dust extraction adapter, insert the rib on the attachment into the groove of the dust outlet and align the hole with the hole on the upper blade guard. Fasten the attachment to the upper blade guard using the included screw.

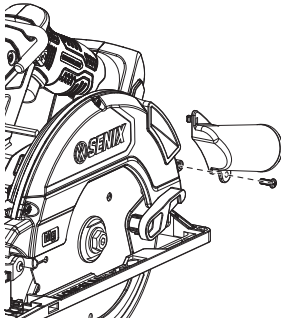


Fig. 6

## OPERATION

### **! WARNING!**

Always wear eye, hearing, and hand protection to reduce the risk of injury when operating this tool. Keep all parts of your body away from the rotating blade.

### **! WARNING!**

Always remove the battery pack before making any adjustments to this circular saw.

## BATTERY PACK

### **To install:**

Align and slide the battery pack into the docking port until it is locked in place.

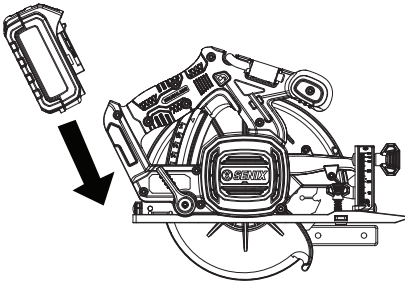


Fig. 7

### **To remove:**

Press the unlock button and slide the battery pack out.

### **i NOTE :**

If necessary, refer to the manuals for the charger and the battery pack for more details about how to charge the battery pack and other information.

## RIP FENCE

The rip fence is intended to add efficiency by provides a cutting edge for fast, straight cuts.

1. Insert the rip fence into the guide slot.
2. Loosen the adjustment knob by rotating it counterclockwise. Adjust the rip fence to the necessary width.
3. Tighten the adjustment knob after adjustment.

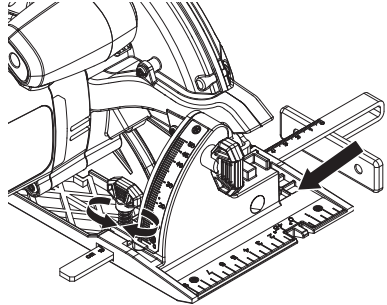


Fig. 8

## BEVEL ANGLE ADJUSTMENT

1. To adjust the angle of the cut, hold the saw by the handle and loosen the bevel adjustment knob.
2. Hold the front of the baseplate and rotate the saw by the handle to the desired angle as indicated by the markings on the bevel scale.

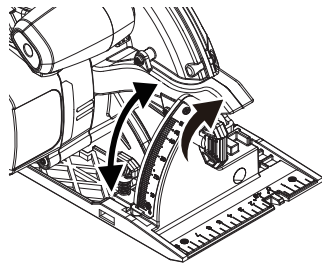


Fig. 9

3. Tighten the bevel adjustment knob securely.

## CUTTING DEPTH

1. To adjust the depth of the cut, hold the saw by the handle and loosen the depth

adjustment lever by pushing it up towards the motor housing.

2. Raise or lower the baseplate to the desired position. Markings in 1/4" increments are located on the inner side of the upper guard for depth setting. For the proper depth setting, the blade should extend no more than 1/8" to 1/4" below the material being cut.

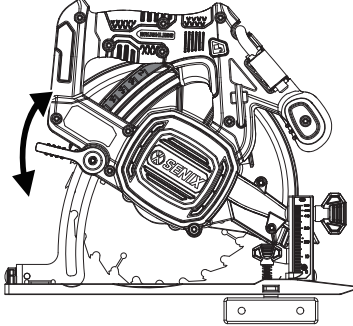


Fig. 10

3. Raise or lower the baseplate until the required cutting depth is reached.
4. Push the depth adjustment lever down to secure the baseplate.

## SWITCHING ON/OFF

Press and hold the safety switch to the left or right and pull the trigger to start the tool. Release the trigger to stop the tool.

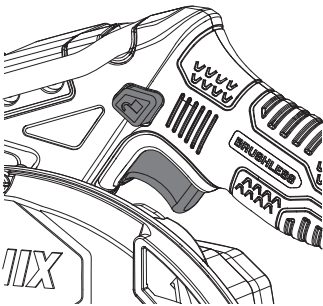


Fig. 11

## WORKPIECE AND WORK AREA SET UP

1. Workpiece selection:
  - a. Workpiece must be free of foreign objects and loose materials.

- b. Do not use this tool to cut logs, tree limbs, or uneven lumber.
- c. Wet lumber, green (unseasoned) lumber, and pressure treated lumber all have an increased potential for kickback and should only be cut with a blade designed for cutting that lumber. Wear a NIOSH-approved respirator and have appropriate ventilation whenever cutting pressure treated lumber.
2. Designate a work area that is clean and well-lit. The work area should not be accessible by children or pets to prevent distraction or injury.
3. Secure loose workpieces using a vise or clamps (not included) to prevent movement while working.
4. Verify that there are no utility lines or hardware in or near the workpiece. This is especially critical for plunge cuts.

## GENERAL INSTRUCTIONS FOR USE

- Make sure that the guard is in place, in proper working order, and that all adjustment knobs are tightened before operation.
- Hold the saw firmly with both hands.
- Carry out a trial cut on a piece of waste wood before starting a new workpiece.
- Support the workpiece so that the cut is always to your side. Support the workpiece near cutting.
- Use clamps or other practical ways to secure the workpiece so that the workpiece will not move during cutting.
- Draw a guideline along the desired line of cut before beginning your cut.
- Allow the saw blade to reach full speed before feeding saw blade into the workpiece.
- Avoid placing your hand on the workpiece while making a cut.
- Make straight cuts only. Do not twist saw while cutting. If this occurs, the saw blade will "bind" in the workpiece causing kickback, potential injury, and/or damage to the workpiece and circular saw.
- Do not force the circular saw to cut faster than it is designed to cut. Feed the saw blade gradually into the workpiece.
- Release trigger if the saw blade is to be backed out of an incomplete cut. Wait until the saw blade stops spinning before

removing the saw. Do not press against the saw blade to stop it.

## OVERHEAT PROTECTION

The tool will automatically stop when either it or the battery overheats. If this occurs, allow the tool/battery to cool before resuming use.

## OVERDISCHARGE PROTECTION

The tool will automatically stop when battery capacity falls below a safe level. If this occurs, remove the battery and fully charge it before resuming use.

## ELECTRIC BRAKE

The electric brake engages when the trigger is released, causing the blade to stop and allowing you to proceed with your work. Generally, the saw blade stops within 3 seconds. However, there may be a delay between the time you release the trigger and when the brake engages. Occasionally the brake may miss completely. If the brake misses frequently, the saw needs servicing by an authorized SENIX service facility. The brake is not a substitute for the guard, and you must always wait for the blade to stop completely before removing the saw from the workpiece.

## CUTTING LARGE PANELS

Large panels and long boards sag or bend if they are not correctly supported. If you attempt to cut without leveling and properly supporting the workpiece, the blade will tend to bind, causing kickback. Support large panels to reduce the risk of potential injury and/or damage to the workpiece and circular saw. Be sure to set the depth of the cut so that you only cut through the workpiece, not through the supports.

## CROSS-CUTTING WOOD

Cross-cutting is cutting across the grain. Select the proper blade for your job. Advance the saw slowly to avoid splintering the wood.

## RIPPING WOOD

Ripping is cutting lengthwise with the grain. Select the proper blade for your job. Use a rip fence for rips 4" wide or less. To install the rip fence, refer to the instructions in the "RIP FENCE" section. The width of the cut is the distance from the inside of the blade to the inside edge of the rip fence. Adjust the rip fence for the desired width, and lock the setting by tightening the rip fence adjustment knob. When ripping widths greater than 4", clamp or tack 1/2" lumber to workpiece and use the edge of the shoe as a guide.

## WARNING!

To reduce the risk of electric shock, check work area for hidden pipes and wires before making plunge cuts.

## PLUNGE CUTTING

Plunge cuts are made in the middle of the workpiece when it can not be cut from an edge. We recommend using a reciprocating saw or jig saw for this type of cut. However, if you must use a circular saw to make a plunge cut, USE EXTREME CAUTION. To maintain control of the saw during plunge cutting, keep both hands on the saw.

1. Begin at a corner and line up the sight line with your cutting line. Tilt the saw forward, firmly fixing the front of the shoe on the workpiece. The blade should be just above the cutting line, but not touching it. Raise the lower guard using the lower guard lever.
2. To start the saw, push the safety switch in and pull the trigger. Allow the motor to reach full speed before beginning a cut. Using the front of the baseplate as a hinge point, gradually lower the back end of the saw into the workpiece. Release the lower guard lever and grasp the front handle.
3. When the baseplate rests flat against workpiece, advance the saw to the far corner. Release the trigger and allow the blade to come to a complete stop before removing it from workpiece. Repeat the above steps for each side of the opening. Use a reciprocating saw, jig saw or small hand saw to finish the corners if they are not completely cut through.

## MAINTENANCE

### **WARNING!**

Only perform cleaning and maintenance work according to these instructions!

Any additional work must be performed by an Authorized Service Center.

### **WARNING!**

TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION:

Make sure the battery pack is removed before performing any procedure in this section.

TO PREVENT SERIOUS INJURY FROM TOOL FAILURE:

Do not use damaged tool or accessories. If abnormal noise or vibration occurs, have the tool inspected and serviced before further use.

If any of following conditions are found, stop using it and send it to the Authorized Service Center for repair if necessary:

- Leaking, swollen, or cracked battery pack
- Loose hardware
- Misalignment or binding of accessories
- Cracked or broken parts
- Any other condition that may affect its safe operation

## CLEANING

1. Clean dust and debris from air vents.
2. Keep handle clean, dry and free of oil or grease.
3. Use only mild soap and a damp cloth to clean, since certain cleaning agents and solvents are harmful to plastics and other insulated parts. Some of these include gasoline, turpentine, lacquer thinner, paint thinner, chlorinated cleaning solvents, ammonia and household detergents containing ammonia. Never use flammable or combustible solvents around tools.

## TRANSPORTATION

1. Only carry by its handle.
2. Remove or cover the blade during transportation.
3. Protect from any heavy impact or strong vibrations which may occur during transportation in vehicles.
4. Secure to prevent it from slipping or falling over.

## STORAGE

1. Clean thoroughly as described above.
2. Store in a dark, dry, frost-free and well-ventilated area that is inaccessible to children. The ideal storage temperature is between 10°C and 30°C.
3. Use original package for storage or cover with a suitable cloth to protect it against dust.



### **NOTE:**

To prolong battery life, store the battery pack separately from the tool in a 30%-50% charged condition. It's recommended to have your battery pack charged at least every 6 months.

## DISPOSAL

Product should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice. Users should clean up the chips generated during operation to protect environment.



Electrical products should not be discarded with household products. Used electrical products must be collected separately and disposed of at collection points provided for this purpose. Talk with your local authorities or dealer for advice on recycling.

## TROUBLESHOOTING

Suspected malfunctions are often due to causes that can be addressed by the user. Therefore, troubleshoot the product using this section. In most cases the problem can be solved quickly.

PROBLEM	POSSIBLE CAUSE	Solution
Product does not start	Trigger is defective	Contact an Authorized Service Center for repair
	Battery pack not properly attached	Attach properly
	Battery pack discharged	Charge the battery pack
Wood burns at ends when cut	Dirty blade	Clean blade or replace with a new one if necessary
Unsatisfactory result	Blade is dull or damaged	Keep blades sharp. Replace with a new one if necessary
	Battery pack reaches its life cycle	Replace with a new one
Excessive noise	Internal damage or wear (bearings, for example)	Contact an Authorized Service Center for repair