SJT 6-A22

English

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1 Information about the documentation

1.1 About this documentation

- Read this documentation before initial operation or use. This is a prerequisite for safe, trouble-free handling and use of the product.
- Observe the safety instructions and warnings in this documentation and on the product.
- Always keep the operating instructions with the product and make sure that the operating instructions are with the product when it is given to other persons.

1.2 Explanation of signs used

1.2.1 Warnings

Warnings alert persons to hazards that occur when handling or using the product. The following signal words are used in combination with a symbol:

	**DANGER!** Draws attention to imminent danger that will lead to serious personal injury or fatality.
	**WARNING!** Draws attention to a potential hazard that could lead to serious personal injury or fatality.
	**CAUTION!** Draws attention to a potentially dangerous situation that could lead to minor personal injury or damage to the equipment or other property.

1.2.2 Symbols in the documentation

The following symbols are used in this document:

	Read the operating instructions before use
	Instructions for use and other useful information

1.2.3 Symbols in the illustrations

The following symbols are used in illustrations:

2	These numbers refer to the corresponding illustrations found at the beginning of these operating instructions.
3	The numbering reflects the sequence of operations shown in the illustrations and may deviate from the steps described in the text.
(11)	Item reference numbers are used in the **overview illustrations** and refer to the numbers used in the **product overview section.**
	These characters are intended to specifically draw your attention to certain points when handling the product.

1.3 Product-dependent symbols

1.3.1 Symbols on the product

The following symbols are used on the product:

n_0	Stroke rate under no load
	Direct current (DC)

1.4 Product information

Hilti products are designed for professional use and may be operated, serviced and maintained only by trained, authorized personnel. This personnel must be informed of any particular hazards that may be encountered. The product described and its ancillary equipment may present hazards when used incorrectly by untrained personnel or when used not as directed.

The type designation and serial number are printed on the type identification plate.

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- Write down the serial number in the table below. Always quote this information when you contact a Hilti representative or Hilti Service to enquire about the product.

Product information

Orbital-action jig saw	SJT 6-A22
Generation	01
Serial no.	

1.5 Declaration of conformity

We declare, on our sole responsibility, that the product described here complies with the applicable directives and standards. A copy of the declaration of conformity can be found at the end of this documentation.

The technical documentation is filed here:

Hilti Entwicklungsgesellschaft mbH | Tool Certification | Hiltistrasse 6 | 86916 Kaufering, Germany

2 Safety

2.1 General power tool safety warnings

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

Work area safety

- **Keep your work area clean and well lit.** Cluttered or dark work areas invite accidents.
- **Do not operate the power tool 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.

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 power outlets reduce the 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.

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 the power tool 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.

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- **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.
- **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.

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 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.
- **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.
- **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.
- **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- **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.
- **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.

Battery tool use and care

- **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.
- **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- **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.
- **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.
- **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.
- **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 265 °F may cause explosion.
- **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.

Service

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

2.2 Safety instructions for jig saws/reciprocating saws

- **Hold the power tool by the insulated gripping surfaces only, when carrying out work in which the accessory tool can come into contact with concealed wiring.** If the accessory tool comes into contact with a live wire, metal parts of the power tool can also become live, resulting in an electric shock.
- Use clamps or some other suitable means to firmly secure the workpiece to a stable supporting surface. Holding the workpiece only by hand or against your body leaves it unstable, which can lead to loss of control.

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2.3 Additional safety instructions

Personal safety

- Use the power tool only when it is in technically faultless condition.
- Never tamper with or modify the power tool in any way.
- Always hold the power tool with both hands on the grips provided. Keep the grips clean and dry.
- Suitable protective glasses, ear protection and protective gloves must be worn while the power tool is in use.
- Wear protective gloves when changing the accessory tool. Touching the accessory tool presents a risk of injury (cuts or burns).
- Wear eye protection. Flying fragments present a risk of injury to the body and eyes.
- Do not look directly into the light source (LEDs) incorporated in the power tool and do not direct the light at other persons' faces. This presents a risk of dazzling or eye damage.
- Before beginning the work, check the hazard classification of the dust that will be produced. Use an industrial vacuum cleaner with an officially approved protection classification in compliance with locally applicable dust protection regulations.
- Make sure that the workplace is well ventilated and, where necessary, wear a respirator appropriate for the type of dust generated. Contact with or inhalation of the dust may cause allergic reactions and/or respiratory or other diseases to the operator or bystanders. Certain kinds of dust, such as oak and beech dust, are classified as carcinogenic, especially in conjunction with additives for wood conditioning (chromate, wood preservative). Material containing asbestos may be handled only by specialists.
- Take breaks between working and do physical exercises to improve the blood circulation in your fingers. Exposure to vibration during long periods of work can lead to disorders of the blood vessels and nervous system in the fingers, hands and wrists.

Electrical safety

- Before beginning work, check the working area for concealed electric cables or gas and water pipes. External metal parts of the power tool may give you an electric shock if you damage an electric cable accidentally.

Careful handling and use of electric tools

- Secure the workpiece. A workpiece clamped in a vice or secured by some other clamping device is more secure than when held only by hand.

Special safety instructions for jig saws

- Always guide the product away from your body when working with it.
- Never position your hands ahead of or on the saw blade.
- Never cut into unknown materials and keep the line of cut above and below the workpiece free of obstacles.
- Never reach or grip below the workpiece while cutting.

2.4 Careful handling and use of batteries

- Observe the special guidelines applicable to the transport, storage and use of lithium-ion batteries.
- Do not expose batteries to high temperatures, direct sunlight or fire.
- Do not take apart, squash or incinerate batteries and do not subject them to temperatures over 80 °C.
- Do not attempt to charge or continue to use damaged batteries.
- If the battery is too hot to touch, it may be defective. In this case, place the power tool in a non-flammable location, well away from flammable materials, where it can be kept under observation and left to cool down. Contact **Hilti** Service after the battery has cooled down.

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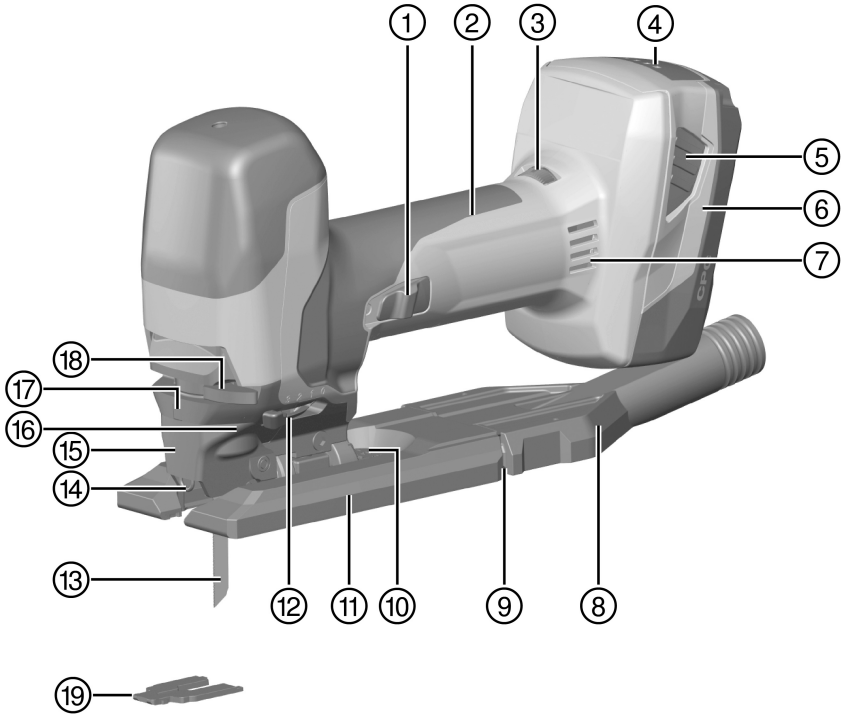
3 Description

3.1 Product overview



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① On/off switch
② Grip
③ Stroke rate regulator thumbwheel
④ Battery state of charge indicator
⑤ Battery release button
⑥ Battery
⑦ Air vents
⑧ Suction adapter
⑨ Catches
⑩ Cutting angle adjustment scale
⑪ Base plate
⑫ Orbital-action adjustment lever
⑬ Saw blade
⑭ Contact guard
⑮ Guard
⑯ Blade holder
⑰ LED light
⑱ Saw blade release lever
⑲ Anti-splinter insert

3.2 Intended use

The product described is a hand-held cordless orbital-action jig saw. It is designed to be used for cutting plastic, wood and metal as well as drywall board and gypsum fiberboard.
The product is equipped with a removable connector for an optional vacuum cleaner / dust removal hose. This connector is designed to fit standard suction hoses. In order to connect the suction hose to the product, use of a suitable adapter may be necessary.

- Use only **Hilti** Li-ion batteries of the B 22 series with this product.
- Use only **Hilti** battery chargers of the C4/36 series to charge these batteries.
- Use this product only with saw blades equipped with a T-shank.

3.3 Possible misuse

- Use of the product to cut off tree branches or to cut the trunk of a tree is not permissible.
- Use of the product to cut hazardous materials is not permissible.
- Use of the product in a damp or wet environment is not permissible.

3.4 State of charge display

The charge state of the Li-ion battery is displayed after pressing one of the release buttons lightly (press only until slight resistance is felt).

Status	Meaning
4 LEDs light.	• Charge state: 75 % to 100 %
3 LEDs light.	• Charge state: 50 % to 75 %
2 LEDs light.	• Charge state: 25 % to 50 %
1 LED lights.	• Charge state: 10 % to 25 %
1 LED blinks.	• Charge state: < 10 %

Note
Battery charge status cannot be displayed while the control switch is pressed and for up to 5 seconds after releasing the control switch. If the battery charge state LEDs blink, please refer to the information given in the Troubleshooting section.

3.5 Dust blower

The dust blower directs a jet of air toward the saw blade in order to keep the cutting line free of dust.

3.6 Stroke rate

The stroke rate can be adjusted by turning the thumbwheel. Position 1 corresponds to 800 strokes per minute and position 6 corresponds to 3000 strokes per minute.

3.7 4 orbital-action settings

The 4 orbital-action settings allow cutting performance and quality of cut to be adjusted to suit the material to be cut. The orbital-action adjustment lever is used to set the power tool to one of the 4 settings.
The lower the orbital-action setting, the finer and cleaner the cut edges will be. The optimum setting can be determined by carrying out practical tests.

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Status	Meaning
Position 0	• No orbital action
Position 1	• Low orbital action
Position 2	• Medium orbital action
Position 3	• High orbital action

3.8 Anti-splinter insert

The product can be equipped with an anti-splinter insert.
The anti-splinter insert helps reduce splintering on the surface of wood materials when cutting.

3.9 Automatic switch-off

If the on/off switch is pressed continuously for longer than 15 minutes (e.g. during transport or storage), the tool switches itself off automatically. This prevents deep discharge of the battery.

3.10 Items supplied

Orbital-action jig saw with saw blade, guard, dust removal adapter, anti-splinter insert, operating instructions.
Other system products approved for use with this product can be found at your local **Hilti Store** or online at: **www.hilti.group** | USA: **www.hilti.com**

4 Technical data

4.1 Orbital-action jig saw

	SJT 6-A22
Rated voltage	21.6 V
Weight in accordance with EPTA procedure (without suction adapter)	2.6 kg ...2.9 kg
Stroke length	28 mm
Stroke rate under no load (n_0)	800 /min ...3,000 /min
Maximum cutting performance in wood	150 mm
Maximum cutting performance in aluminium	25 mm
Maximum cutting performance in unalloyed steel	10 mm
Cutting angle (left/right)	0° ...45°
Suction adapter outside diameter	27.5 mm

4.2 Noise information and vibration values in accordance with EN 62841

The sound pressure and vibration values given in these instructions were measured in accordance with a standardized test and can be used to compare one power tool with another. They can also be used for a preliminary assessment of exposure. The data given represents the main applications of the power tool. However, if the power tool is used for different applications, with different accessory tools, or is poorly maintained, the data can vary. This can significantly increase exposure over the total working period. An accurate estimation of exposure should also take into account the times when the tool is switched off, or when it is running but not actually being used for a job. This can significantly reduce exposure over the total working period. Identify additional safety measures to protect the operator from the effects of noise and/or vibration, for example: Maintaining the power tool and accessory tools, keeping the hands warm, organization of work patterns.

Noise emission values

	SJT 6-A22
Sound power level (L_{WA})	96 dB(A)
Uncertainty for the sound power level (K_{WA})	3 dB(A)
Sound pressure level (L_{pA})	85 dB(A)
Uncertainty for the sound pressure level (K_{pA})	3 dB(A)

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Total vibration

	SJT 6-A22
Vibration emission value for sawing in wood sheets ($a_{h,B}$)	5.9 m/s²
Vibration emission value for sawing in sheet metal ($a_{h,M}$)	9.0 m/s²
Uncertainty (K)	1.5 m/s²

5 Before use

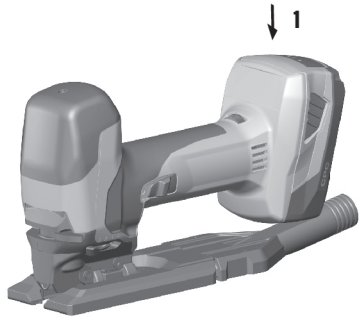
5.1 Preparations at the workplace

⚠ **CAUTION**
Risk of injury! Inadvertent starting of the product.

- ▸ Remove the battery before making any adjustments to the power tool or before changing accessories.

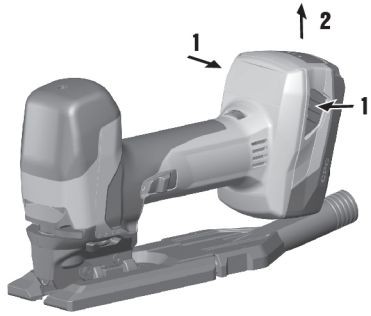
Observe the safety instructions and warnings in this documentation and on the product.

5.2 Inserting the battery



1. Push the battery into the battery holder until it engages with an audible click.
2. Check that the battery is seated securely.

5.3 Removing the battery



1. Press the battery release buttons.
2. Remove the battery from the tool.

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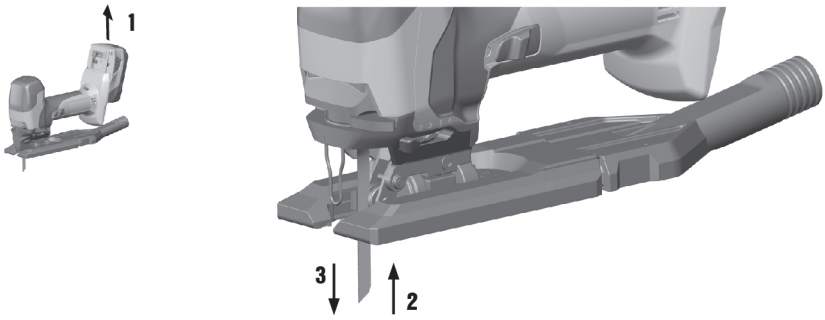
5.4 Fitting the saw blade

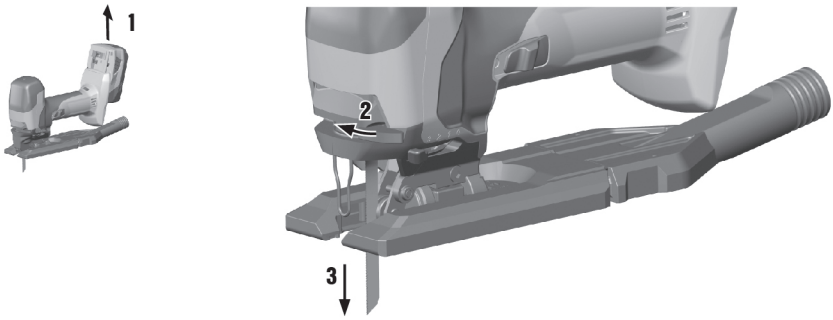


1. Remove the battery. → page 8
2. Push the saw blade (teeth facing the cutting direction) into the blade holder until it engages.
3. Grip and pull the saw blade to check that it is held securely.

5.5 Ejecting the saw blade

⚠ **WARNING**
Risk of injury. Uncontrolled ejection of the saw blade can lead to injury.

- ▸ When ejecting the saw blade, hold the product in such a way that it presents no risk of injury to persons or animals.



1. Remove the battery. → page 8
2. Push the saw blade release lever to the side, as far as it will go.
   - ◃ The saw blade will be released and ejected.

5.6 Fitting the guard

1. Remove the battery. → page 8

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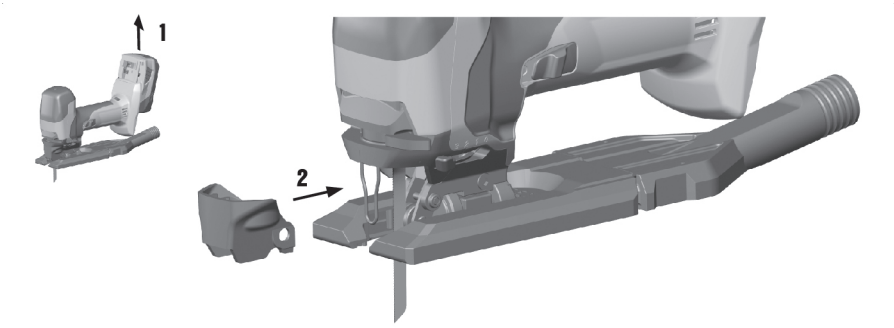
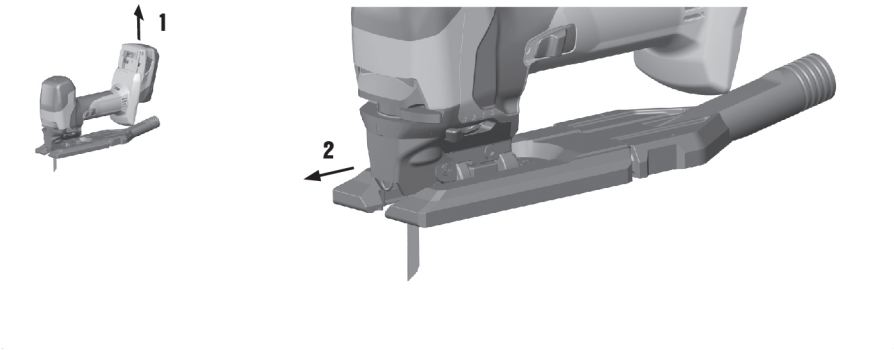


2. Push the guard onto the power tool from the front until it clicks into place.

Note
The guard can be fitted only when the base plate is in the normal position (zero degrees position).

5.7 Removing the guard

1. Remove the battery. → page 8



2. Tilt the guard slightly and pull it off toward the front.

5.8 Dust removal system

Note
The dust removal system reduces dust emissions, increases working safety by providing better visibility of the cutting line and reduces exposure to dust and wood chips at the workplace.

1. Fit the guard. → page 9
2. Connect the dust removal system to the suction adapter when you intend to work for long periods on wood or other materials that can generate high levels of dust.

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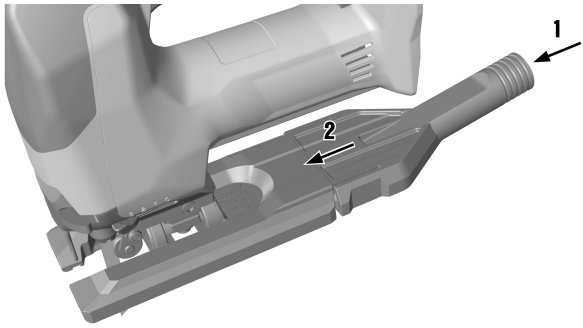
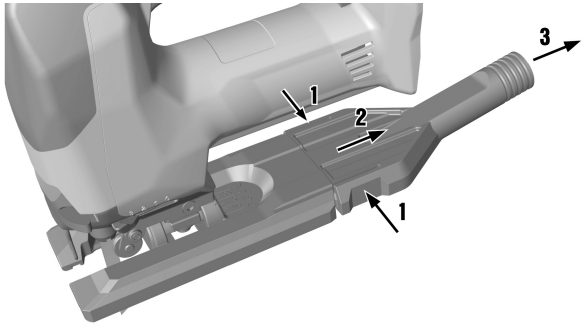
5.8.1 Fitting the suction adapter



1. Connect the vacuum cleaner hose to the suction adapter.
2. Push the suction adapter onto the base plate horizontally from the rear until both catches engage at the side.

5.8.2 Removing the suction adapter



1. Press the two retaining catches inwards.
2. Pull the suction adapter away from the base plate toward the rear.
3. Pull the vacuum cleaner hose off the suction adapter.

5.8.3 Cleaning the suction adapter

1. Remove the battery. → page 8
2. Remove the suction adapter. → page 11
3. Clean the suction adapter.
4. Check that the catches are undamaged.
5. Fit the suction adapter. → page 11

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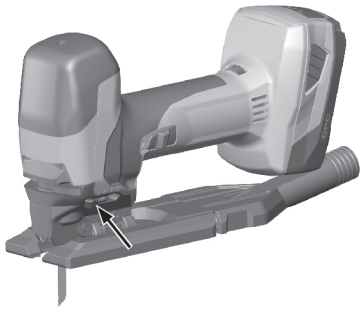
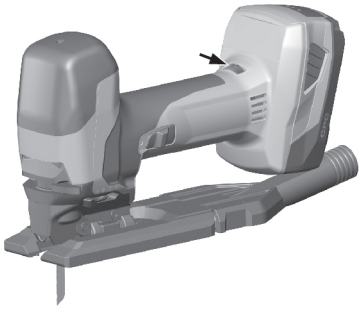
5.9 Setting the orbital action



1. Determine the correct orbital-action setting for the task to be performed with the applicable saw blade.
2. Set the orbital-action adjusting lever to one of the four settings → page 6.

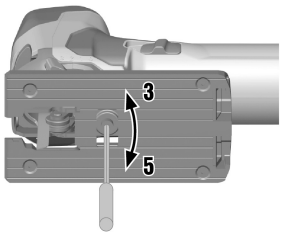
5.10 Adjusting the stroke rate

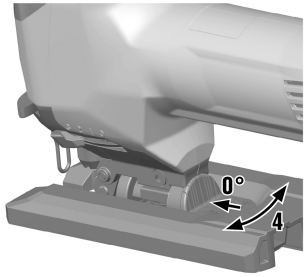
Note
Determine the correct setting for the task to be performed with the applicable saw blade.



- Set the stroke rate regulator thumbwheel to a setting between 1 (low) and 6 (high).

5.11 Setting the cutting angle





1. Remove the battery. → page 8

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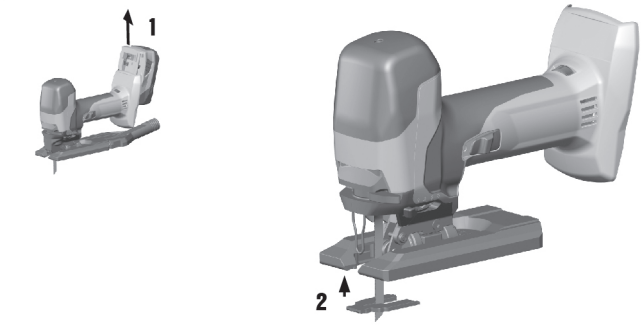
2. Remove the suction adapter. → page 11
3. Slacken the screw on the base plate.
4. Adjust the base plate to the desired cutting angle (from 0° to 45° in both directions).

Note
When set to a cutting angle of 0°, the base plate is engaged in position to prevent rotation.
To set a different cutting angle, the base plate must first be pulled back.
When resetting the base plate to a cutting angle of 0°, the base plate must then be pushed forward.

5. Retighten the screw.
   ◁ The base plate is clamped securely.
6. Fit the suction adapter. → page 11
7. Insert the battery. → page 8

5.12 Fitting the anti-splinter insert

Note
The anti-splinter insert can be used only with the saw blades for which it is designed.
The anti-splinter insert can be used only when the base plate is in the normal position (zero degrees position).



1. Remove the battery. → page 8
2. Press the anti-splinter insert into the base plate from below.

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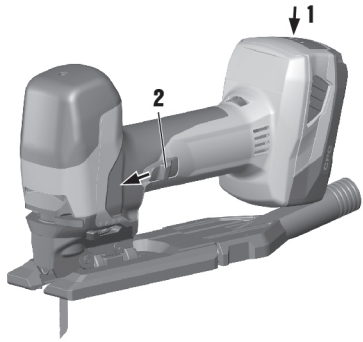
6 Operation

6.1 Switching on



1. Insert the battery. → page 8

Note
A safety interlock ensures that the tool doesn't start when the tool is first switched on and the battery then fitted, i.e. slid into place on the tool.
Pull the on/off switch back and then slide it forward again.

2. To switch the tool on, slide the on/off switch forward.

6.2 Switching off

- To switch the tool off, slide the on/off switch back.

6.3 Plunge cutting

1. Set the orbital-action adjusting lever to position 0.
2. Bring the front edge of the base plate into contact with the workpiece.
3. Hold the product securely and press the on/off switch.
4. Press the product firmly against the workpiece and begin the plunge cut by slowly reducing the angle of attack.
5. Once the blade has penetrated right through the workpiece, bring the product into its normal working position.
   - The base plate then lies flat on the working surface.
6. Continue to saw along the cutting line.

7 Care

7.1 Care and maintenance of cordless tools

WARNING
Risk of electric shock! Attempting care and maintenance with the battery fitted in the tool can lead to severe injury and burns.

- Always remove the battery before carrying out care and maintenance tasks!

Care and maintenance of the tool

- Carefully remove stubborn dirt.
- Clean the air vents carefully with a dry brush.
- Use only a slightly damp cloth to clean the casing. Do not use cleaning agents containing silicone as these can attack the plastic parts.

Care of the Li-ion batteries

- Keep the battery free from oil and grease.

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- Use only a slightly damp cloth to clean the casing. Do not use cleaning agents containing silicone as these can attack the plastic parts.
- Avoid ingress of moisture.

Maintenance

- Check all visible parts and controls for signs of damage at regular intervals and make sure that they all function correctly.
- Do not operate the cordless tool if signs of damage are found or if parts malfunction. Have the tool repaired by **Hilti** Service immediately.
- After cleaning and maintenance, fit all guards or protective devices and check that they function correctly.

Note
To help ensure safe and reliable operation, use only genuine Hilti spare parts and consumables. Spare parts, consumables and accessories approved by Hilti for use with the product can be found at your local **Hilti** Center or online at: **www.hilti.com**

7.2 Cleaning the saw blade

1. Clean resin deposits from used saw blades at regular intervals.
2. Place the saw blades in a bath of kerosene (paraffin oil) or commercially-available resin remover for 24 hours.

8 Transport and storage of cordless tools

Transport

CAUTION
Inadvertent starting during transport. Uncontrolled starting during transport may occur if the battery is fitted, thereby resulting in damage to the tool.

- ▸ Always remove the battery before transporting the tool.

- ▸ Remove the battery.
- ▸ Transport the tool and batteries individually packaged.
- ▸ Never transport batteries in bulk form (loose, unprotected).
- ▸ Check the tool and batteries for damage before use after long periods of transport.

Storage

CAUTION
Inadvertent damage caused by defective battery. A leaking battery may damage the tool.

- ▸ Always remove the battery before storing the tool.

- ▸ Store the tool and batteries in a place that is as cool and dry as possible.
- ▸ Never store batteries in direct sunlight, on heating units or behind a window pane.
- ▸ Store the tool and batteries in a place where they cannot be accessed by children or unauthorized persons.
- ▸ Check the tool and batteries for damage before use after long periods of storage.

9 Troubleshooting

If the trouble you are experiencing is not listed in this table or you are unable to remedy the problem by yourself, please contact **Hilti** Service.

Trouble or fault	Possible cause	Action to be taken
The saw blade drops out.	The saw blade is not correctly engaged.	▸ Repeat the insertion procedure. ▸ Make sure that the blade holder is fully open and that the saw blade is pushed all the way in against the spring resistance.
	The clamping system is clogged with foreign matter.	▸ Clean out the blade holder.

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Trouble or fault	Possible cause	Action to be taken
The saw blade cannot be inserted.	The clamping system is clogged with foreign matter.	▸ Clean out the blade holder.
The orbital action cannot be adjusted.	Foreign matter in the orbital-action adjusting lever groove.	▸ Clean out the orbital-action adjusting lever groove.
The orbital action doesn't work.	The orbital-action mechanism is clogged with foreign matter.	▸ Check whether foreign matter is present in the area of the orbital-action fork and clean it out.
	The orbital-action adjusting lever is in position "0".	▸ Adjust it to the desired setting.
The battery runs down more quickly than usual.	Very low ambient temperature.	▸ Allow the battery to warm up slowly to room temperature.
The battery doesn't engage with an audible click.	The retaining lugs on the battery are dirty.	▸ Clean the retaining lugs and refit the battery.
1 LED blinks. The power tool doesn't run.	Low battery.	▸ Change the battery and charge the empty battery.
	The battery is too hot or too cold.	▸ Allow the battery to cool down or warm up slowly to room temperature.
All 4 LEDs blink. The power tool doesn't run.	The tool has been overloaded.	▸ Release the on/off switch and then press it again. Then allow the power tool to run under no load for approx. 30 seconds.
The power tool or battery gets very hot.	Electrical fault.	▸ Switch the power tool off immediately, remove the battery, keep it under observation, allow it to cool down and contact **Hilti** Service.

10 Disposal

⚠ **WARNING**
Risk of injury. Hazards presented by improper disposal.

- Improper disposal of the equipment may have the following consequences: The burning of plastic components generates toxic fumes which may present a health hazard. Batteries may explode if damaged or exposed to very high temperatures, causing poisoning, burns, acid burns or environmental pollution. Careless disposal may permit unauthorized and improper use of the equipment. This may result in serious personal injury, injury to third parties and pollution of the environment.
- Dispose of defective batteries right away. Keep them out of reach of children. Do not disassemble or incinerate the batteries.
- Batteries that have reached the end of their life must be disposed of in accordance with national regulations or returned to **Hilti**.

♲ Most of the materials from which **Hilti** tools and appliances are manufactured can be recycled. The materials must be correctly separated before they can be recycled. In many countries, your old tools, machines or appliances can be returned to **Hilti** for recycling. Ask **Hilti** Service or your Hilti representative for further information.

- Disposal of electric tools or appliances together with household waste is not permissible.

11 Manufacturer's warranty

- Please contact your local **Hilti** representative if you have questions about the warranty conditions.

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