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GERMANY

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**1 609 92A 110** (2014.12) T / 199 **EURO**



1 609 92A 110

## GSA 18 V-Li Professional

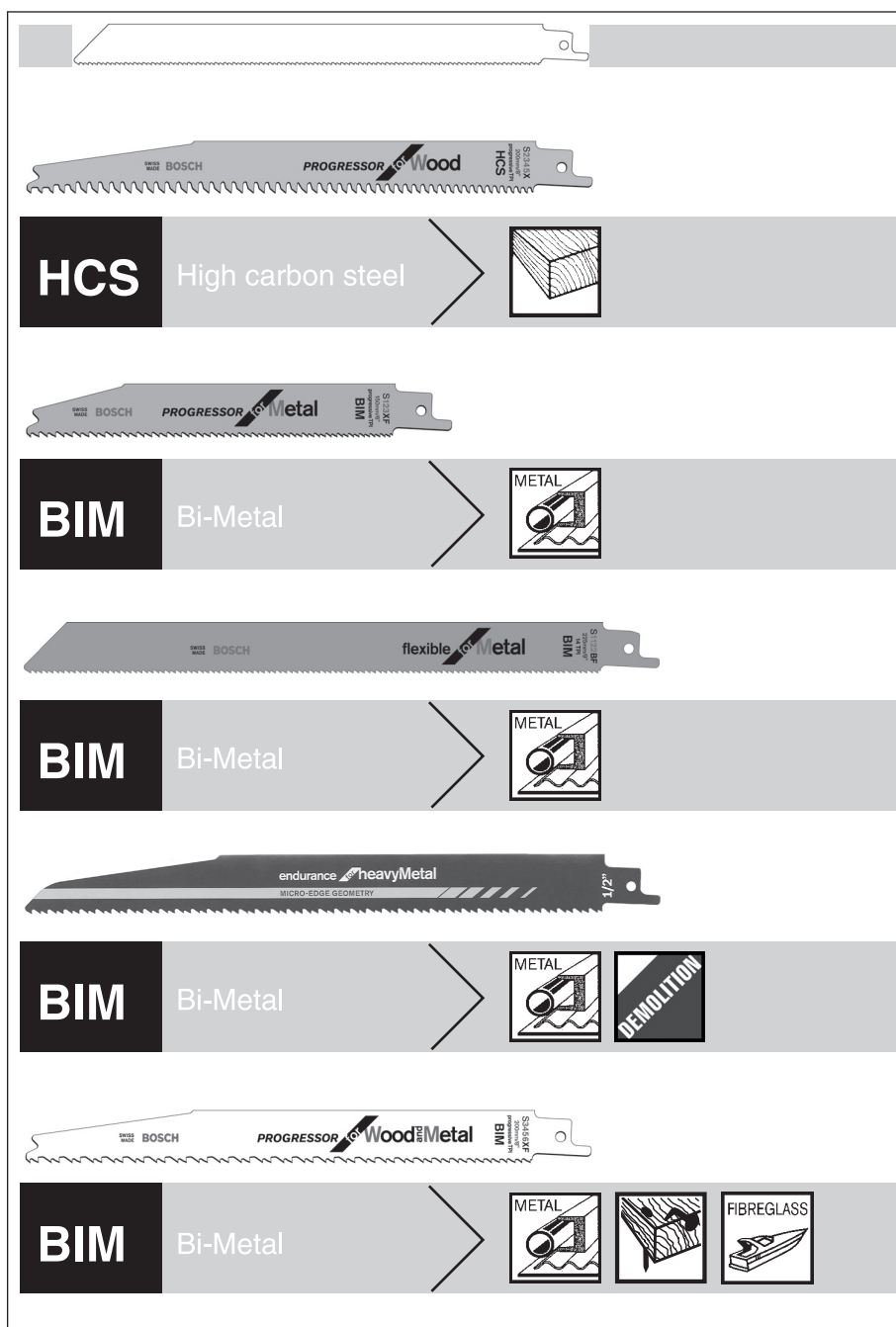


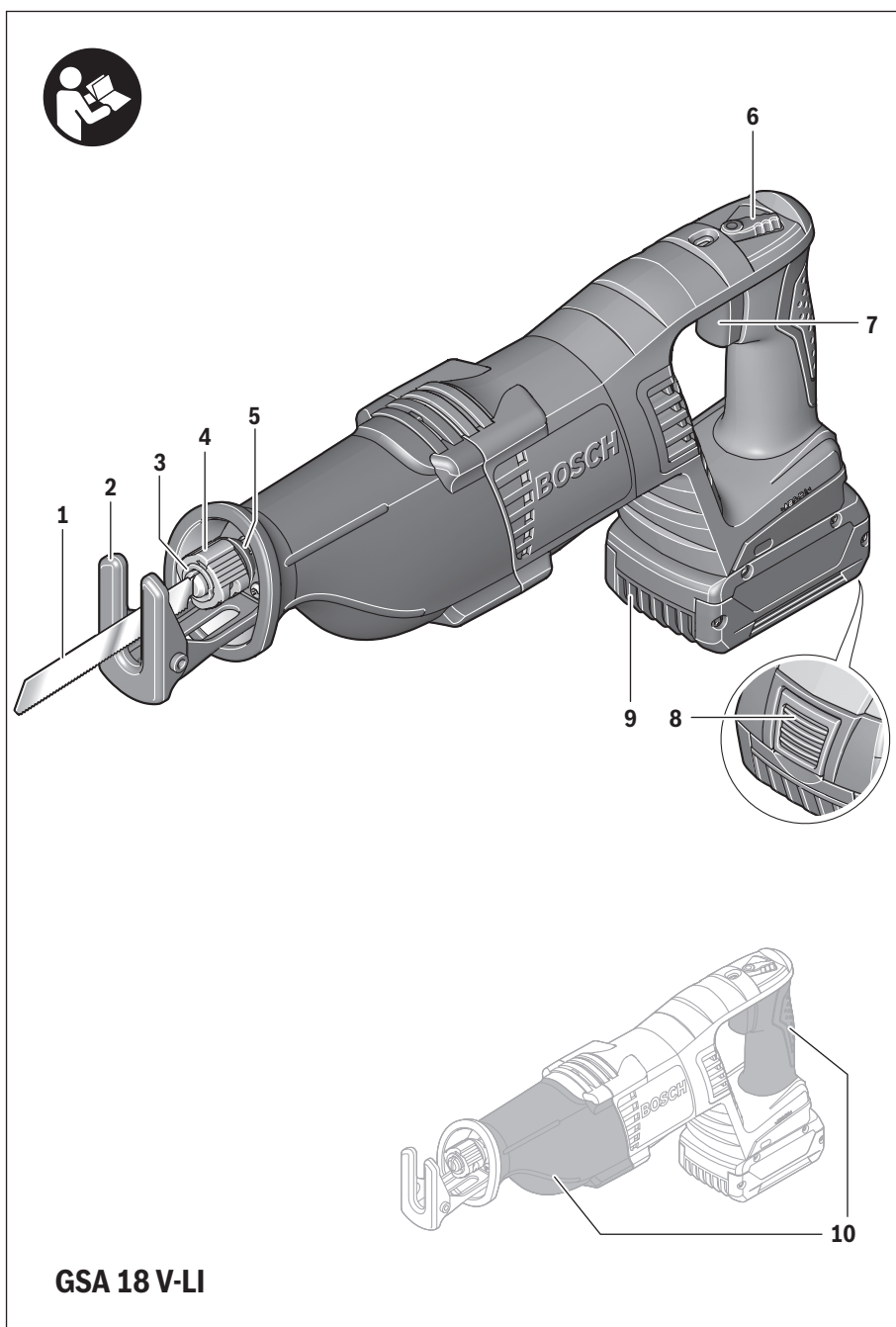
<b>de</b> Originalbetriebsanleitung	<b>pl</b> Instrukcja oryginalna	<b>sr</b> Originalno uputstvo za rad
<b>en</b> Original instructions	<b>cs</b> Původní návod k používání	<b>sl</b> Izvirna navodila
<b>fr</b> Notice originale	<b>sk</b> Pôvodný návod na použitie	<b>hr</b> Originalne upute za rad
<b>es</b> Manual original	<b>hu</b> Eredeti használati utasítás	<b>et</b> Algupärane kasutusjuhend
<b>pt</b> Manual original	<b>ru</b> Оригинальное руководство по эксплуатации	<b>lv</b> Instrukcijas oriģinālvalodā
<b>it</b> Istruzioni originali	<b>uk</b> Оригінальна інструкція з експлуатації	<b>lt</b> Originali instrukcija
<b>nl</b> Oorspronkelijke gebruiksaanwijzing	<b>kk</b> Пайдалану нұсқаулығының түпнұсқасы	<b>ar</b> تعليمات التشغيل الأصلية
<b>da</b> Original brugsanvisning	<b>ro</b> Instrucțiuni originale	<b>fa</b> دفترچه راهنمای اصلی
<b>sv</b> Bruksanvisning i original	<b>bg</b> Оригинална инструкция	
<b>no</b> Original driftsinstruks	<b>mk</b> Оригиналното упатство за работа	
<b>fi</b> Alkuperäiset ohjeet		
<b>el</b> Πρωτότυπο οδηγιών χρήσης		
<b>tr</b> Orijinal işletme talimatı		

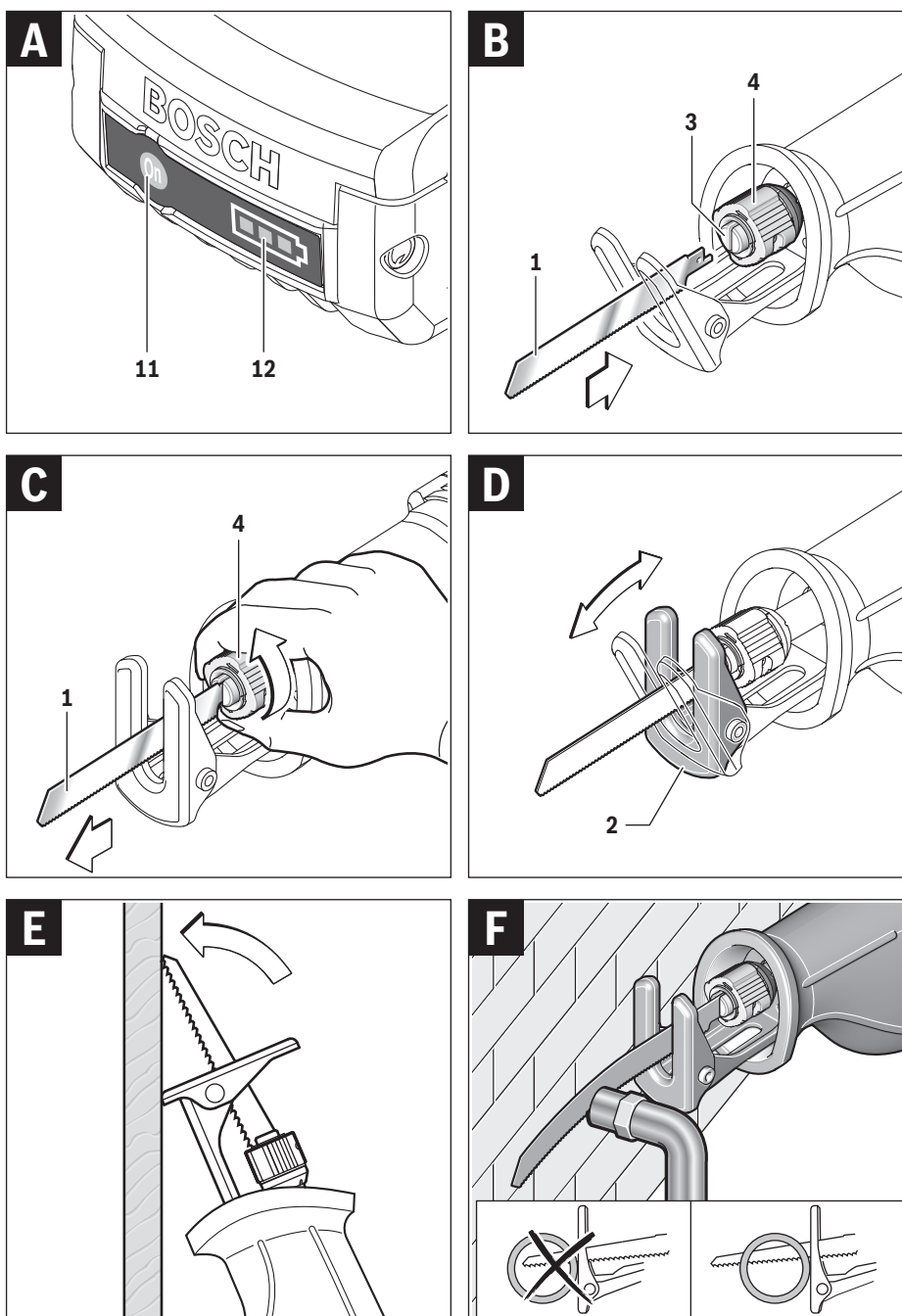


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## 12 | English

**Transport**

Die enthaltenen Li-Ionen-Akkus unterliegen den Anforderungen des Gefahrgutrechts. Die Akkus können durch den Benutzer ohne weitere Auflagen auf der Straße transportiert werden.

Beim Versand durch Dritte (z.B.: Lufttransport oder Spedition) sind besondere Anforderungen an Verpackung und Kennzeichnung zu beachten. Hier muss bei der Vorbereitung des Versandstückes ein Gefahrgut-Experte hinzugezogen werden.

Versenden Sie Akkus nur, wenn das Gehäuse unbeschädigt ist. Kleben Sie offene Kontakte ab und verpacken Sie den Akku so, dass er sich nicht in der Verpackung bewegt.

Bitte beachten Sie auch eventuelle weiterführende nationale Vorschriften.

**Entsorgung**

Elektrowerkzeuge, Akkus, Zubehör und Verpackungen sollen einer umweltgerechten Wiederverwertung zugeführt werden.

Werfen Sie Elektrowerkzeuge und Akkus/Batterien nicht in den Hausmüll!

**Nur für EU-Länder:**

Gemäß der europäischen Richtlinie 2012/19/EU müssen nicht mehr gebrauchsfähige Elektrowerkzeuge und gemäß der europäischen Richtlinie 2006/66/EG müssen defekte oder verbrauchte Akkus/Batterien getrennt gesammelt und einer umweltgerechten Wiederverwendung zugeführt werden.

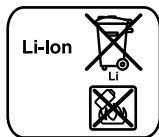
Nicht mehr gebrauchsfähige Akkus/Batterien können direkt abgegeben werden bei:

**Deutschland**

Recyclingzentrum Elektrowerkzeuge  
Osteroder Landstraße 3  
37589 Kalefeld

**Schweiz**

Batrec AG  
3752 Wimmis BE

**Akkus/Batterien:****Li-Ion:**

Bitte beachten Sie die Hinweise im Abschnitt „Transport“, Seite 12.

Änderungen vorbehalten.

**English****Safety Notes****General Power Tool Safety Warnings**

**⚠ WARNING** Read all safety warnings and all instructions. Failure to follow the warnings and instructions 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 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.

**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 and 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 power tools may result in serious personal injury.
- ▶ **Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

- ▶ **Prevent unintentional starting.** Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- ▶ **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- ▶ **Do not overreach.** Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- ▶ **Dress properly. Do not wear loose clothing or jewellery.** Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
- ▶ **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.

#### Power tool use and care

- ▶ **Do not force the power tool.** Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
- ▶ **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- ▶ **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- ▶ **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.** 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.

#### 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.

#### 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.

#### Safety Warnings for Sabre Saws

- ▶ **Hold 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.
- ▶ **Keep hands away from the sawing range. Do not reach under the workpiece.** Contact with the saw blade can lead to injuries.
- ▶ **Apply the machine to the workpiece only when switched on.** Otherwise there is danger of kickback when the cutting tool jams in the workpiece.
- ▶ **When sawing, the adjustable footplate 2 must always faces against the workpiece.** The saw blade can become wedged and lead to loss of control over the machine.
- ▶ **When the cut is completed, switch off the machine and then pull the saw blade out of the cut only after it has come to a standstill.** In this manner you can avoid kickback and can place down the machine securely.
- ▶ **Use only undamaged saw blades that are in perfect condition.** Bent or dull saw blades can break, negatively influence the cut, or lead to kickback.
- ▶ **Do not brake the saw blade to a stop by applying side pressure after switching off.** The saw blade can be damaged, break or cause kickback.
- ▶ **Clamp material well. Do not support the workpiece with your hand or foot. Do not touch objects or the floor with the the saw running.** Danger of kickback.
- ▶ **Use appropriate detectors to determine if utility lines are hidden in the work area or call the local utility company for assistance.** Contact with electric lines can lead to fire and electric shock. Damaging a gas line can lead to explosion. Penetrating a water line causes property damage.
- ▶ **When working with the machine, always hold it firmly with both hands and provide for a secure stance.** The power tool is guided more secure with both hands.
- ▶ **Secure the workpiece.** A workpiece clamped with clamping devices or in a vice is held more secure than by hand.
- ▶ **Always wait until the machine has come to a complete stop before placing it down.** The tool insert can jam and lead to loss of control over the power tool.

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- **Do not open the battery.** Danger of short-circuiting.



**Protect the battery against heat, e. g., against continuous intense sunlight, fire, water, and moisture.** Danger of explosion.

- **In case of damage and improper use of the battery, vapours may be emitted. Ventilate the area and seek medical help in case of complaints.** The vapours can irritate the respiratory system.
- **Use the battery only in conjunction with your Bosch power tool.** This measure alone protects the battery against dangerous overload.
- **The battery can be damaged by pointed objects such as nails or screwdrivers or by force applied externally.** An internal short circuit can occur and the battery can burn, smoke, explode or overheat.

## Product Description and Specifications



**Read all safety warnings and all instructions.** Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

While reading the operating instructions, unfold the graphics page for the machine and leave it open.

### Intended Use

The machine is intended for sawing wood, plastic, metal and building materials while resting firmly on the workpiece. It is suitable for straight and curved cuts. When using the appropriate bimetal saw blades, it is possible to cut flush to the workpiece surface. The saw blade recommendations must be observed.

### Product Features

The numbering of the product features refers to the illustration of the machine on the graphics page.

- 1 Saw blade\*
- 2 Adjustable footplate
- 3 Saw blade holder
- 4 Locking sleeve for saw blade
- 5 Stroke rod
- 6 Stroke speed selector switch
- 7 On/Off switch
- 8 Battery unlocking button
- 9 Battery pack\*
- 10 Handle (insulated gripping surface)
- 11 Button for charge-control indicator\*
- 12 Battery charge-control indicator\*

\*Accessories shown or described are not part of the standard delivery scope of the product. A complete overview of accessories can be found in our accessories program.

### Technical Data

Sabre saw		GSA 18 V-Li
Article number		3 601 F4J 0..
Rated voltage	V=	18
Stroke rate at no load $n_0$		
– 1st gear	min <sup>-1</sup>	0 – 2400
– 2nd gear	min <sup>-1</sup>	0 – 2700
Tool holder		SDS
Stroke rate control		●
Stroke	mm	28
Cutting depth, max.		
– in wood	mm	250
– in non-alloy steel	mm	20
– Pipe diameter	mm	130
Weight according to EPTA-Procedure 01/2003	kg	3.2/3.4*
Permitted ambient temperature		
– during charging	°C	0 ... +45
– during operation** and during storage	°C	–20 ... +50
Recommended batteries		GBA 18 V...
Recommended chargers		AL 18..

\* depending on the battery pack being used

\*\* Limited performance at temperatures < 0 °C

Technical data determined with battery from delivery scope.

### Noise/Vibration Information

Sound emission values determined according to EN 60745-2-11.

Typically the A-weighted sound pressure level of the product is 77 dB(A). Uncertainty K = 3 dB.

The noise level when working can exceed 80 dB(A).

#### **Wear hearing protection!**

Vibration total values  $a_h$  (triax vector sum) and uncertainty K determined according to EN 60745:

Cutting board:  $a_h = 24 \text{ m/s}^2$ ,  $K = 1.5 \text{ m/s}^2$ ,

Cutting wooden beam:  $a_h = 24.5 \text{ m/s}^2$ ,  $K = 1.5 \text{ m/s}^2$ .

The vibration level given in this information sheet has been measured in accordance with a standardised test given in EN 60745 and may be used to compare one tool with another. It may be used for a preliminary assessment of exposure. The declared vibration emission level represents the main applications of the tool. However if the tool is used for different applications, with different accessories or insertion tools or is poorly maintained, the vibration emission may differ. This may significantly increase the exposure level over the total working period.

An estimation of the level of exposure to vibration should also take into account the times when the tool is switched off or when it is running but not actually doing the job. This may significantly reduce the exposure level over the total working period. Identify additional safety measures to protect the operator from the effects of vibration such as: maintain the tool and the accessories, keep the hands warm, organisation of work patterns.



## Declaration of Conformity

We declare under our sole responsibility that the product described under "Technical Data" is in conformity with all relevant provisions of the directives 2011/65/EU, 2014/30/EU, 2006/42/EC including their amendments and complies with the following standards: EN 60745-1, EN 60745-2-11.

Technical file (2006/42/EC) at:

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70764 Leinfelden-Echterdingen, GERMANY


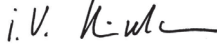
Henk Becker

Executive Vice President  
Engineering

Helmut Heinzelmann

Head of Product Certification  
PT/ETM9

TPA

 i.v. 

Robert Bosch GmbH, Power Tools Division  
70764 Leinfelden-Echterdingen, GERMANY  
Leinfelden, 13.11.2014

## Assembly

### Battery Charging

- **Use only the chargers listed in the technical data.** Only these chargers are matched to the lithium-ion battery of your power tool.

**Note:** The battery supplied is partially charged. To ensure full capacity of the battery, completely charge the battery in the battery charger before using your power tool for the first time. The lithium-ion battery can be charged at any time without reducing its service life. Interrupting the charging procedure does not damage the battery.

The lithium-ion battery is protected against deep discharging by the "Electronic Cell Protection (ECP)". When the battery is empty, the machine is switched off by means of a protective circuit: The inserted tool no longer rotates.

- **Do not continue to press the On/Off switch after the machine has been automatically switched off.** The battery can be damaged.

Observe the notes for disposal.

### Removing the battery

The battery **9** is equipped with two locking levels that should prevent the battery from falling out when pushing the battery unlocking button **8** unintentionally. As long as the battery is inserted in the power tool, it is held in position by means of a spring.

To remove the battery **9**, press the battery unlocking button **8** and pull the battery out of the power tool toward the rear. **Do not exert any force.**

### Battery Charge-control Indication (see figure A)

The three green LEDs of the battery charge-control indicator **12** indicate the charge condition of the battery **9**. For safety reasons, it is only possible to check the status of the charge condition when the machine is at a standstill.

Press button **11** to indicate the charge condition. This is also possible when the battery **9** is removed.

LED	Capacity
Continuous lighting 3 x green	≥ 2/3
Continuous lighting 2 x green	≥ 1/3
Continuous lighting 1 x green	< 1/3
Flashing light 1 x green	Reserve

When no LED lights up after pushing button **11**, then the battery is defective and must be replaced.

### Replacing/Inserting the Saw Blade

- **Before any work on the power tool, remove the battery.**
- **When mounting the saw blade, wear protective gloves.**  
Danger of injury when touching the saw blade.
- **When changing the saw blade, take care that the saw blade holder is free of material residue, e. g. wood or metal shavings.**

### Selecting a Saw Blade

Use only saw blades suitable for the material being worked.

An overview of recommended saw blades can be found at the beginning of these instructions. Use only ½" universal shank saw blades. The saw blade should not be longer than required for the intended cut.

Use a thin saw blade for narrow curve cuts.

### Inserting the Saw Blade (see figure B)

Press the saw blade **1** firmly into the saw blade holder **3** until it can clearly be heard to engage. This causes the locking sleeve **4** to turn by approx. 90° and locks the saw blade. If the saw blade **1** is not locked, turn the locking sleeve **4** approx. 90° in the direction of the arrow until it locks in the open position and a "click" can be heard. Then press the saw blade **1** into the saw blade holder **3** again.

- **Check the tight seating of the saw blade.** A loose saw blade can fall out and lead to injuries.

For certain work, the saw blade **1** can also be turned through 180° (with the teeth pointed upwards) and re-inserted again.

### Ejecting the Saw Blade (see figure C)

- **When ejecting the saw blade, hold the machine in such a manner that no persons or animals can be injured by the ejected saw blade.**

Turn the locking sleeve **4** approx. 90° in the direction of the arrow. The saw blade **1** is ejected.

### Dust/Chip Extraction

- Dusts from materials such as lead-containing coatings, some wood types, minerals and metal can be harmful to one's health. Touching or breathing-in the dusts can cause allergic reactions and/or lead to respiratory infections of the user or bystanders.

Certain dusts, such as oak or beech dust, are considered as carcinogenic, especially in connection with wood-treatment additives (chromate, wood preservative). Materials containing asbestos may only be worked by specialists.

- Provide for good ventilation of the working place.
- It is recommended to wear a P2 filter-class respirator.

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Observe the relevant regulations in your country for the materials to be worked.

- **Prevent dust accumulation at the workplace.** Dusts can easily ignite.

## Operation

### Starting Operation

#### Inserting the battery

- **Use only original Bosch lithium-ion batteries with the voltage listed on the nameplate of your power tool.**

Using other batteries can lead to injuries and pose a fire hazard.

To protect the machine against unintentional starting, set the stroke speed selector switch **6** to the centre position. Insert the charged battery **9** from the front into the handle of the power tool. Push the battery completely into the handle until the red stripe can no longer be seen and the battery is securely locked.

#### Changing the Stroke Speed Setting

The stroke speed setting of the power tool can be changed with the stroke speed selector switch **6**. However, this is not possible when the On/Off switch **7** is pressed.

#### Stroke speed selector switch 6 – central position:

The safety lock is activated.



The On/Off switch **7** is blocked and the machine is secured against being switched on unintentionally.

#### Stroke speed selector switch 6 – left:

1st gear, low stroke speed.



The low stroke speed is suitable for sawing hard materials such as steel, non-ferrous metal, hard plastics or for precision cuts in wood and plunge cutting. The low stroke speed enables sawing with less vibrations.

#### Stroke speed selector switch 6 – right:

2nd gear, high stroke speed.



The high stroke speed is suitable for sawing soft materials. The high stroke speed enables quicker operational progress, e.g., for coarse cuts in wood.

### Switching On and Off

To **switch on** the power tool, press the On/Off switch **7** and keep it pressed.

To **switch off** the power tool, release the On/Off switch **7**.

To save energy, only switch the power tool on when using it.

### Controlling the Stroke Rate

Increasing or reducing the pressure on the On/Off switch **7** enables stepless stroke-rate control of the switched-on machine.

The required stroke rate is dependent on the material and the working conditions and can be determined by a practical trial.

Reducing the stroke rate is recommended when the saw blade engages in the material as well as when sawing plastic and aluminium.

### Working Advice

- **Before any work on the machine itself (e.g. maintenance, tool change, etc.) as well as during transport and storage, remove the battery from the power tool.**

There is danger of injury when unintentionally actuating the On/Off switch.

### Pivoting Footplate (see figure D)

Due to its movability, the adjustable footplate **2** adapts to the required angular position of the surface.

### Tips

- **When sawing light building materials, observe the statutory provisions and the recommendations of the material suppliers.**

Check wood, press boards, building materials, etc. for foreign objects such as nails, screws or similar, and remove them, if required.

Switch the machine on and guide it toward the workpiece. Position the footplate **2** onto the surface of the work and saw through the material applying uniform contact pressure and feed. After completing the working procedure, switch the machine off.

If the saw blade should jam, switch the machine off immediately. Widen the gap somewhat with a suitable tool and pull out the machine.

### Plunge Cutting (see figure E)

- **The plunge cutting procedure is only suitable for treating soft materials such as wood, plaster board or similar! Do not work metal materials with the plunge cutting procedure!**

Use only short saw blades for plunge cutting.

Place the machine with the edge of the footplate **2** onto the workpiece and switch on. For power tools with stroke speed control, set the maximum stroke speed. Press the power tool firmly against the workpiece and allow the saw blade to slowly plunge into the workpiece.

As soon as the footplate **2** fully lays on the surface of the workpiece, continue sawing alongside the desired cutting line.

For certain work, the saw blade **1** can also be inserted turned through by 180° and the sabre saw can be guided accordingly in a reversed manner.

**Flush Cuts (see figure F)**

Using elastic bimetal saw blades, items still attached to a wall (e. g. projecting building elements such as water pipes, etc.) can be sawn off flush at the wall.

- **Pay attention that the saw blade always extends beyond the diameter of the material being worked. There is danger of kickback.**

Position the saw blade directly against the wall and apply some lateral pressure via the tool until the footplate faces against the wall. Switch the power tool on and saw through the workpiece, applying constant lateral pressure.

**Coolant/Lubricant**

When sawing metal, coolant/lubricant should be applied alongside cutting line because of the material heating up.

**Recommendations for Optimal Handling of the Battery**

Protect the battery against moisture and water.

Store the battery only within a temperature range between -20 °C and 50 °C. As an example, do not leave the battery in the car in summer.

Occasionally clean the venting slots of the battery using a soft, clean and dry brush.

A significantly reduced working period after charging indicates that the battery is used and must be replaced.

Observe the notes for disposal.

**Maintenance and Service****Maintenance and Cleaning**

- **Before any work on the machine itself (e. g. maintenance, tool change, etc.) as well as during transport and storage, remove the battery from the power tool.**

There is danger of injury when unintentionally actuating the On/Off switch.

- **For safe and proper working, always keep the machine and ventilation slots clean.**

Clean the saw blade holder preferably with compressed air or a soft brush. Remove the saw blade from the power tool for this. Ensure proper operation of the saw blade holder by applying a suitable lubricant.

Heavy contamination of the machine can lead to malfunctions. Therefore, do not saw materials that produce a lot of dust from below or overhead.

**After-sales Service and Application Service**

Our after-sales service responds to your questions concerning maintenance and repair of your product as well as spare parts. Exploded views and information on spare parts can also be found under:

**www.bosch-pt.com**

Bosch's application service team will gladly answer questions concerning our products and their accessories.

In all correspondence and spare parts order, please always include the 10-digit article number given on the type plate of the machine.

**Great Britain**

Robert Bosch Ltd. (B.S.C.)

P.O. Box 98

Broadwater Park

North Orbital Road

Denham

Uxbridge

UB 9 5HJ

At [www.bosch-pt.co.uk](http://www.bosch-pt.co.uk) you can order spare parts or arrange the collection of a product in need of servicing or repair.

Tel. Service: (0344) 7360109

E-Mail: [boschservicecentre@bosch.com](mailto:boschservicecentre@bosch.com)

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Outside AU and NZ:

Phone: +61 3 95415555

[www.bosch.com.au](http://www.bosch.com.au)

**Republic of South Africa****Customer service**

Hotline: (011) 6519600

**Gauteng – BSC Service Centre**

35 Roper Street, New Centre

Johannesburg

Tel.: (011) 4939375

Fax: (011) 4930126

E-Mail: [bsctools@icon.co.za](mailto:bsctools@icon.co.za)

**KZN – BSC Service Centre**

Unit E, Almar Centre

143 Crompton Street

Pinetown

Tel.: (031) 7012120

Fax: (031) 7012446

E-Mail: [bsc.dur@za.bosch.com](mailto:bsc.dur@za.bosch.com)

**Western Cape – BSC Service Centre**

Democracy Way, Prosperity Park

Milnerton

Tel.: (021) 5512577

Fax: (021) 5513223

E-Mail: [bsc@zsd.co.za](mailto:bsc@zsd.co.za)

## 18 | Français

**Bosch Headquarters**

Midrand, Gauteng

Tel.: (011) 6519600

Fax: (011) 6519880

E-Mail: rbsa-hq.pts@za.bosch.com

**Transport**

The contained lithium-ion batteries are subject to the Dangerous Goods Legislation requirements. The user can transport the batteries by road without further requirements.

When being transported by third parties (e.g.: air transport or forwarding agency), special requirements on packaging and labelling must be observed. For preparation of the item being shipped, consulting an expert for hazardous material is required.

Dispatch batteries only when the housing is undamaged. Tape or mask off open contacts and pack up the battery in such a manner that it cannot move around in the packaging. Please also observe possibly more detailed national regulations.

**Disposal**

The machine, rechargeable batteries, accessories and packaging should be sorted for environmental-friendly recycling.

Do not dispose of power tools and batteries/rechargeable batteries into household waste!

**Only for EC countries:**

According to the European Guideline 2012/19/EU, power tools that are no longer usable, and according to the European Guideline 2006/66/EC, defective or used battery packs/batteries, must be collected separately and disposed of in an environmentally correct manner.

Batteries no longer suitable for use can be directly returned at:

**Great Britain**

Robert Bosch Ltd. (B.S.C.)

P.O. Box 98

Broadwater Park

North Orbital Road

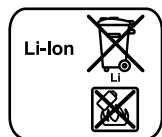
Denham

Uxbridge

UB 9 5HJ

At [www.bosch-pt.co.uk](http://www.bosch-pt.co.uk) you can order spare parts or arrange the collection of a product in need of servicing or repair.

Tel. Service: (0344) 7360109

E-Mail: [boschservicecentre@bosch.com](mailto:boschservicecentre@bosch.com)**Battery packs/batteries:****Li-ion:**

Please observe the instructions in section "Transport", page 18.

Subject to change without notice.

1 609 92A 110 | (16.12.14)

**Français****Avertissements de sécurité****Avertissements de sécurité généraux pour l'outil****⚠ AVERTISSEMENT****Lire tous les avertissements de sécurité et toutes les instructions.**

Ne pas suivre les avertissements et instructions peut donner lieu à un choc électrique, un incendie et/ou une blessure sérieuse.

**Conservé tous les avertissements et toutes les instructions pour pouvoir s'y reporter ultérieurement.**

Le terme « outil » dans les avertissements fait référence à votre outil électrique alimenté par le secteur (avec cordon d'alimentation) ou votre outil fonctionnant sur batterie (sans cordon d'alimentation).

**Sécurité de la zone de travail**

- **Conservé la zone de travail propre et bien éclairée.** Les zones en désordre ou sombres sont propices aux accidents.
- **Ne pas faire fonctionner les outils électriques en atmosphère explosive, par exemple en présence de liquides inflammables, de gaz ou de poussières.** Les outils électriques produisent des étincelles qui peuvent enflammer les poussières ou les fumées.
- **Maintenir les enfants et les personnes présentes à l'écart pendant l'utilisation de l'outil.** Les distractions peuvent vous faire perdre le contrôle de l'outil.

**Sécurité électrique**

- **Il faut que les fiches de l'outil électrique soient adaptées au socle. Ne jamais modifier la fiche de quelque façon que ce soit. Ne pas utiliser d'adaptateurs avec des outils à branchement de terre.** Des fiches non modifiées et des socles adaptés réduiront le risque de choc électrique.
- **Éviter tout contact du corps avec des surfaces reliées à la terre telles que les tuyaux, les radiateurs, les cuisinières et les réfrigérateurs.** Il existe un risque accru de choc électrique si votre corps est relié à la terre.
- **Ne pas exposer les outils à la pluie ou à des conditions humides.** La pénétration d'eau à l'intérieur d'un outil augmentera le risque de choc électrique.
- **Ne pas maltraiter le cordon. Ne jamais utiliser le cordon pour porter, tirer ou débrancher l'outil. Maintenir le cordon à l'écart de la chaleur, du lubrifiant, des arêtes ou des parties en mouvement.** Les cordons endommagés ou emmêlés augmentent le risque de choc électrique.
- **Lorsqu'on utilise un outil à l'extérieur, utiliser un prolongateur adapté à l'utilisation extérieure.** L'utilisation d'un cordon adapté à l'utilisation extérieure réduit le risque de choc électrique.
- **Si l'usage d'un outil dans un emplacement humide est inévitable, utiliser une alimentation protégée par un dispositif à courant différentiel résiduel (RCD).** L'usage d'un RCD réduit le risque de choc électrique.

Bosch Power Tools