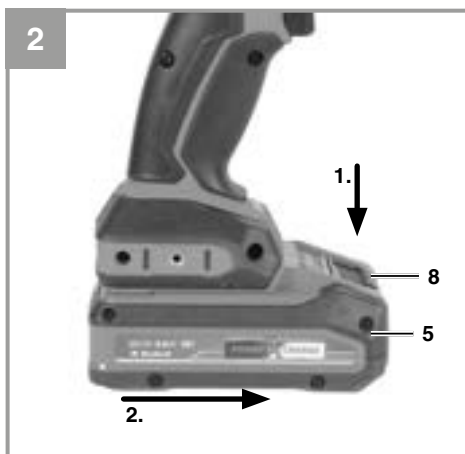


|                   |                                                                                              |                   |                                                                                                            |
|-------------------|----------------------------------------------------------------------------------------------|-------------------|------------------------------------------------------------------------------------------------------------|
| <b>DE</b>         | <b>Originalbetriebsanleitung<br/>Akku-Schlagbohrschrauber</b>                                | <b>SL</b>         | <b>Originalna navodila za uporabo<br/>Akumulatorski udarni vrtnik-<br/>izvijač</b>                         |
| <b>EN</b>         | <b>Original operating instructions<br/>Cordless Hammer Drill/Screwdriver</b>                 | <b>HU</b>         | <b>Eredeti használati utasítás<br/>Akku-ütvefűró-csavarozó</b>                                             |
| <b>FR</b>         | <b>Instructions d'origine<br/>Perceuse visseuse à percussion<br/>sans fil</b>                | <b>RO</b>         | <b>Instrucțiuni de utilizare originale<br/>Mașină de găurit și înșurubat cu<br/>percuție cu acumulator</b> |
| <b>IT</b>         | <b>Istruzioni per l'uso originali<br/>Trapano avvitatore a percussione<br/>a batteria</b>    | <b>EL</b>         | <b>Πρωτότυπες Οδηγίες χρήσης<br/>Κρουστικό δραπανοκατσάβιδο<br/>μπαταρίας</b>                              |
| <b>DA/<br/>NO</b> | <b>Original betjeningsvejledning<br/>Akku-slagbore-/skruemaskine</b>                         | <b>PT</b>         | <b>Manual de instruções original<br/>Aparafusadora de impacto sem fio</b>                                  |
| <b>SV</b>         | <b>Original-bruksanvisning<br/>Batteridrivnen slagskruvdragare</b>                           | <b>HR/<br/>BS</b> | <b>Originalne upute za uporabu<br/>Baterijska udarna bušilica-odvijač</b>                                  |
| <b>CS</b>         | <b>Originální návod k obsluze<br/>Akumulátorový příklepový vrtací<br/>šroubovák</b>          | <b>SR</b>         | <b>Originalna uputstva za upotrebu<br/>Akumulatorska udarna bušilica-<br/>izvijač</b>                      |
| <b>SK</b>         | <b>Originálny návod na obsluhu<br/>Akumulátorový príklepový vŕtací<br/>skrutkovač</b>        | <b>TR</b>         | <b>Orijinal Kullanma Talimatı<br/>Akülü Darbeli Matkap</b>                                                 |
| <b>NL</b>         | <b>Originele handleiding<br/>Accu-klopboorschroever</b>                                      | <b>PL</b>         | <b>Instrukcja oryginalną<br/>Akumulatorowa wiertarko-<br/>wkretarka z udarem</b>                           |
| <b>ES</b>         | <b>Manual de instrucciones original<br/>Taladro atornillador a percusión<br/>con batería</b> | <b>RU</b>         | <b>Оригинальное руководство по<br/>эксплуатации<br/>Аккумуляторная ударная дрель-<br/>шуруповерт</b>       |
| <b>FI</b>         | <b>Alkuperäiskäyttöohje<br/>Akku-iskuporakone-ruuvinväännin</b>                              | <b>ET</b>         | <b>Originaalkasutusjuhend<br/>Aku-löökpuur-kruvits</b>                                                     |

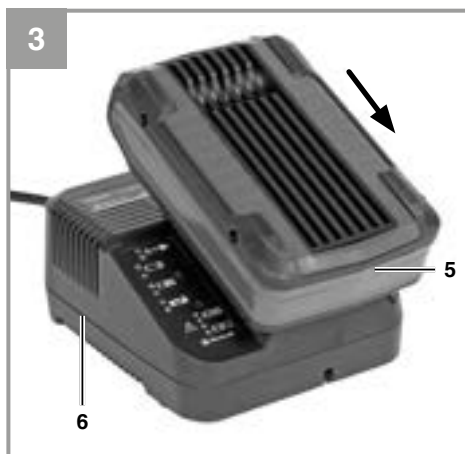
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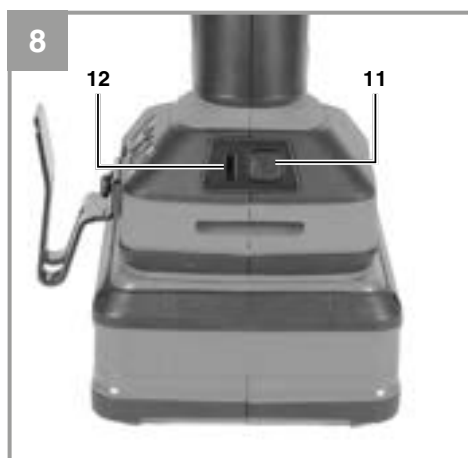
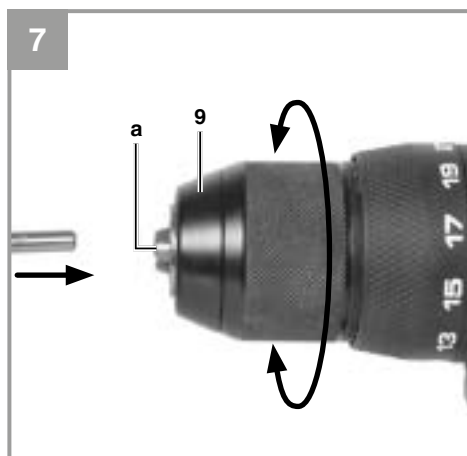
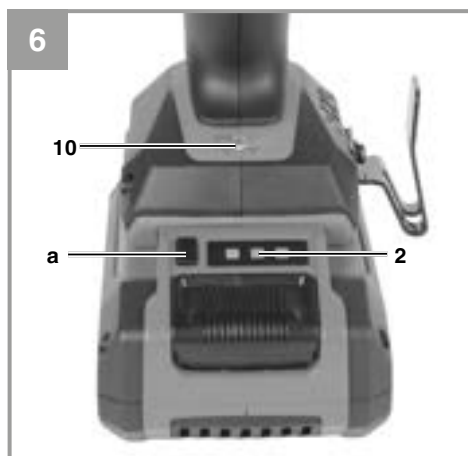
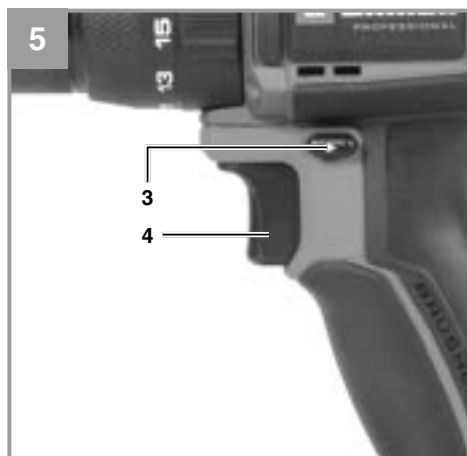
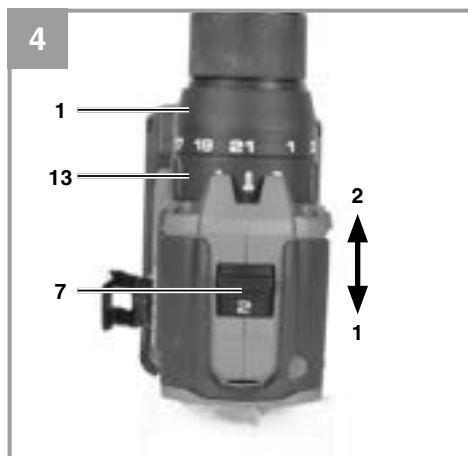


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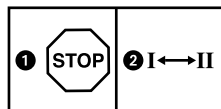
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3



4



5

**Danger!**

When using the equipment, a few safety precautions must be observed to avoid injuries and damage. Please read the complete operating instructions and safety regulations with due care. Keep this manual in a safe place, so that the information is available at all times. If you give the equipment to any other person, hand over these operating instructions and safety regulations as well. We cannot accept any liability for damage or accidents which arise due to a failure to follow these instructions and the safety instructions.

**Explanation of the symbols used (see Fig. 9)**

1. **Danger!** - Read the operating instructions to reduce the risk of injury.
2. **Caution! Wear ear-muffs.** The impact of noise can cause damage to hearing.
3. **Caution! Wear a breathing mask.** Dust which is injurious to health can be generated when working on wood and other materials. Never use the device to work on any materials containing asbestos!
4. **Caution! Wear safety goggles.** Sparks generated during working or splinters, chips and dust emitted by the device can cause loss of sight.
5. Change the gear only when the drill is at a standstill. If you fail to observe this point, the gearing may be damaged.

**1. Safety regulations**

The corresponding safety information can be found in the enclosed booklet.

**Warning!**

**Read all the safety information, instructions, illustrations and technical data provided on or with this power tool.** Failure to adhere to the following instructions may result in electric shock, fire and/or serious injury.

**Keep all the safety information and instructions in a safe place for future use.**

**2. Layout and items supplied****2.1 Layout (Fig. 1)**

1. Torque selector
2. Battery capacity indicator
3. Changeover switch
4. ON/OFF switch
5. Battery (it is not included in delivery)

6. Charger (it is not included in delivery)
7. Selector switch for 1st/2nd gear
8. Pushlock button
9. Quick-change drill chuck
10. LED lamp
11. Anti-kickback system button
12. Anti-kickback system status LED
13. Selector switch for driving/drilling/impact drilling

**2.2 Items supplied**

Please check that the article is complete as specified in the scope of delivery. If parts are missing, please contact our service center or the sales outlet where you made your purchase at the latest within 5 working days after purchasing the product and upon presentation of a valid bill of purchase. Also, refer to the warranty table in the service information at the end of the operating instructions.

- Open the packaging and take out the equipment with care.
- Remove the packaging material and any packaging and/or transportation braces (if available).
- Check to see if all items are supplied.
- Inspect the equipment and accessories for transport damage.
- If possible, please keep the packaging until the end of the guarantee period.

**Important!**

**The equipment and packaging material are not toys. Do not let children play with plastic bags, foils or small parts. There is a danger of swallowing or suffocating!**

- Cordless impact drill/driver
- Original operating instructions
- Safety instructions

**3. Proper use**

The cordless impact drill/driver is designed for tightening and undoing screws, for drilling in wood, metal and plastic, and for impact drilling in stone, in each case when using the appropriate bits.

The equipment is to be used only for its prescribed purpose. Any other use is deemed to be a case of misuse. The user / operator and not the manufacturer will be liable for any damage or injury.

ries of any kind caused as a result of this.

## 4. Technical data

Voltage supply ..... 18 V d.c.  
 Idling speed: ..... 0-450/0-2000 rpm  
 Torque settings: ..... 21+1+1  
 Forward and reverse rotation ..... yes  
 Chuck clamping width ..... max. 13 mm  
 Weight ..... 1.07 kg

### Danger!

#### Sound and vibration

Sound and vibration values were measured in accordance with EN 62841.

$L_{pA}$  sound pressure level ..... 99 dB(A)  
 $K_{pA}$  uncertainty ..... 5 dB  
 $L_{WA}$  sound power level ..... 107 dB(A)  
 $K_{WA}$  uncertainty ..... 5 dB

#### Wear ear-muffs.

The impact of noise can cause damage to hearing.

Total vibration values (vector sum of three directions) determined in accordance with EN 62841.

#### Drilling in metal

Vibration emission value  $a_h \leq 2.5 \text{ m/s}^2$   
 K uncertainty =  $1.5 \text{ m/s}^2$

#### Impact drilling in concrete

Vibration emission value  $a_{h, ID} = 16.3 \text{ m/s}^2$   
 Uncertainty K =  $1.5 \text{ m/s}^2$

The stated vibration emission levels and stated noise emission values were measured in accordance with a set of standardized criteria and can be used to compare one power tool with another.

The stated vibration emission levels and stated noise emission values can also be used to make an initial assessment of exposure.

### Warning:

The vibration and noise emission levels may vary from the level specified during actual use, depending on the way in which the power tool is used, especially the type of workpiece it is used for.

### Keep the noise emissions and vibrations to a minimum.

- Only use appliances which are in perfect working order.
- Service and clean the appliance regularly.
- Adapt your working style to suit the appliance.
- Do not overload the appliance.
- Have the appliance serviced whenever necessary.
- Switch the appliance off when it is not in use.

### Caution!

#### Residual risks

**Even if you use this electric power tool in accordance with instructions, certain residual risks cannot be ruled out. The following hazards may arise in connection with the equipment's construction and layout:**

1. Lung damage if no suitable protective dust mask is used.
2. Damage to hearing if no suitable ear protection is used.
3. Health damage caused by hand-arm vibrations if the equipment is used over a prolonged period or is not properly guided and maintained.

#### Limit the operating time.

All stages of the operating cycle must be considered (for example, times in which the electric tools are switched off and times in which the tool is switched on but operates without load).

## 5. Before starting the equipment

Be sure to read the following information before you use your cordless screwdriver for the first time:

1. Only ever use sharp drill bits and screwdriver bits which are suitable for the purpose and in faultless condition.
2. Always check for concealed electric cables and gas and water pipes when drilling and screwing in walls.

## 6. Operation

### 6.1 Charging the LI battery pack (Fig. 2-3)

1. Remove the battery pack (5) from the handle, pressing the pushlock buttons (8) downwards to do so.
2. Check that your mains voltage is the same as that marked on the rating plate of the battery charger. Insert the power plug of the charger (6) into the mains socket outlet. The green LED will then begin to flash.
3. Push the battery pack onto the battery charger.

In section 10 "Charger indicator" you will find a table with an explanation of the LED indicator on the charger.

If the battery pack fails to become charged, please check

- whether there is voltage at the socket-outlet
- whether there is proper contact at the charging contacts on the charger.

If the battery still fails to become charged, please return

- the charger
- the battery pack

to our Customer Service Department.

**To ensure that items are properly packaged and delivered when you send them to us, please contact our customer service or the point of sale at which the equipment was purchased.**

**When shipping or disposing of batteries and cordless tools, always ensure that they are packed individually in plastic bags to prevent short circuits and fires.**

To ensure that the battery pack provides long service, you should take care to recharge it promptly. You must recharge the battery pack when you notice that the performance of the device drops. Never allow the battery pack to become fully discharged. This will cause it to develop a defect.

### 6.2 Torque setting (Fig. 4 / Item 1)

**Important! The tool must be at a standstill when you set the torque with the setting ring.** The cordless screwdriver is fitted with a mechanical torque selector.

The torque for a specific size of screw is selected with the set-collar (1). The correct torque depends on several factors:

- on the type and hardness of material in question
- on the type and length screws used
- on the requirements needing to be met by the screwed joint.

The clutch disengages with a grating sound to indicate when the set torque is reached.

### 6.3 Selector switch for driving/drilling/impact drilling (Fig. 4/Item 13)

- For driving purposes, set the selector switch (13) to the „Screw“ position. The torque is adjusted via the torque setting (1) (see point 6.2).
- For drilling purposes, set the selector switch (13) to the „Bit“ position. The slip coupling is now off and the maximum torque is available regardless of the torque setting (1).
- For impact drilling purposes, set the selector switch (13) to the „Hammer“ position. The slip coupling is now off and the maximum torque is available regardless of the torque setting (1).

**Important! Change the torque setting (1) and the selector switch for driving/drilling/impact drilling (13) only when the equipment is at a standstill.**

### 6.4 Forward/Reverse switch (Fig. 5 / Item 3)

With the slide switch above the On/Off switch you can select the direction of rotation of the battery-powered drill/screwdriver and secure it against being switched on accidentally. You can choose between clockwise and anticlockwise rotation. To avoid causing damage to the gearing it is advisable to change the direction of rotation only when the tool is at a standstill. The On/Off switch is blocked when the slide switch is in centre position.

### 6.5 On/Off switch (Fig. 5 / Item 4)

Infinitely variable speed control is possible with the On/Off switch. The further you press the switch, the higher the speed of the battery-powered drill/screwdriver.

### 6.6 Changing over from 1st gear to 2nd gear (Fig. 4 / Item 7)

You can work at a higher or lower speed depending on the position of the selector switch. To avoid damaging the gear unit you should only change

over gears when the tool has stopped.

### 6.7 Battery capacity indicator (Fig. 6 – Item 2)

Press the battery capacity indicator switch (a). The battery capacity indicator (2) shows the charge status of the battery using 3 LEDs.

#### All 3 LEDs are lit:

The battery is fully charged.

#### 2 or 1 LED(s) are lit:

The battery has an adequate remaining charge.

#### 1 LED flashes:

The battery is empty, recharge the battery.

#### All LEDs blink:

The battery temperature is too low. Remove the battery from the equipment, keep it at room temperature for one day. If the fault reoccurs, this means that the rechargeable battery has undergone exhaustive discharge and is defective. Remove the battery from the equipment. Never use or charge a defective battery.

### 6.8 LED lamp (Fig. 6 / Item 10)

The LED lamp (10) can be used in poor lighting conditions to illuminate the area where you want to drill or screw. The LED lamp (10) will be lit automatically as soon as you press the ON/OFF switch (4).

### 6.9 Changing the tool (Fig. 7)

**Important.** Set the changeover switch (3) to its centre position whenever you carry out any work (for example changing the tool, maintenance work, etc.) on the cordless screwdriver.

- The cordless screwdriver is fitted with a quick-action chuck (9) with an automatic spindle stop.
- Open the chuck (9). The chuck opening (a) must be large enough to hold the tool (drill bit or screwdriver bit).
- Select the suitable tool. Push the tool as far as possible into the chuck opening (a).
- Tighten the chuck (9) and then check that the tool is secure.

### 6.10 Screwdriving

We recommend using self-centering screws (e.g. recessed head screws) designed for reliable working. Be sure to use a bit that matches the screw in shape and size. Set the torque, as described elsewhere in these operating instructions, to suit the size of screw.

### 6.11 Anti-Kickback (Fig. 8)

The tool is equipped with an anti-kickback system that is triggered in the event of sudden rotation caused by jamming or similar issues, switching off the tool. This significantly enhances user safety and reduces the risk of injury.

When the system is activated, the anti-kickback system status LED (12) shines steadily green. The LED will go out when the tool is left idle for 10 seconds.

If the system detects kickback, the tool will be switched off and the green anti-kickback system status LED (12) will flash.

The anti-kickback system button (11) can be used to temporarily deactivate the system.

If the tool is left idle for more than 3 minutes or if the battery is removed, the system will automatically be reactivated.

## 7. Cleaning, maintenance and ordering of spare parts

### Danger!

Always pull out the mains power plug before starting any cleaning work.

### 7.1 Cleaning

- Keep all safety devices, air vents and the motor housing free of dirt and dust as far as possible. Wipe the equipment with a clean cloth or blow it with compressed air at low pressure.
- We recommend that you clean the device immediately each time you have finished using it.
- Clean the equipment regularly with a moist cloth and some soft soap. Do not use cleaning agents or solvents; these could attack the plastic parts of the equipment. Ensure that no water can seep into the device. The ingress of water into an electric tool increases the risk of an electric shock.

### 7.2 Maintenance

There are no parts inside the equipment which require additional maintenance.

### 7.3 Ordering spare parts and accessories

Please provide the following information when ordering spare parts:

- Type of unit
- Article number of the unit
- ID number of the unit
- Spare part number of the required spare part

For our latest prices and information please go to [www.Einhell-Service.com](http://www.Einhell-Service.com)



**Tip! For good results we recommend high-quality accessories from  !**  
[www.kwb.eu](http://www.kwb.eu)  
[welcome@kwb.eu](mailto:welcome@kwb.eu)

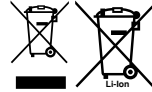
## 8. Disposal and recycling

The equipment is supplied in packaging to prevent it from being damaged in transit. The raw materials in this packaging can be reused or recycled. The equipment and its accessories are made of various types of material, such as metal and plastic. Never place defective equipment in your household refuse. The equipment should be taken to a suitable collection center for proper disposal. If you do not know the whereabouts of such a collection point, you should ask in your local council offices.

## 9. Storage

Store the equipment and accessories out of children's reach in a dark and dry place at above freezing temperature. The ideal storage temperature is between 5 and 30 °C. Store the electric tool in its original packaging.

### Disposal



Power tools, 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 EU countries:

According to the Directive 2012/19/EU on waste electrical and electronic equipment and its transposition into national law, power tools that are no longer usable, and, according to the Directive 2006/66/EC, defective or drained batteries must be collected separately and disposed of in an environmentally correct manner.

If disposed incorrectly, waste electrical and electronic equipment may have harmful effects on the environment and human health, due to the potential presence of hazardous substances.

#### Only for United Kingdom:

According to The Waste Electrical and Electronic Equipment Regulations 2013 (SI 2013/3113) (as amended) and the Waste Batteries and Accumulators Regulations 2009 (SI 2009/890) (as amended), products that are no longer usable must be collected separately and disposed of in an environmentally friendly manner.

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Subject to technical changes

## 10. Charger indicator

| Indicator status |           | Explanations and actions                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Red LED          | Green LED |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Off              | Flashing  | <b>Ready for use</b><br>The charger is connected to the mains and is ready for use; there is no battery pack in the charger                                                                                                                                                                                                                                                                                            |
| On               | Off       | <b>Charging</b><br>The charger is charging the battery pack in quick charge mode. The charging times are shown directly on the charger.<br>Important! The actual charging times may vary slightly from the stated charging times depending on the existing battery charge.                                                                                                                                             |
| Off              | On        | <b>The battery is charged and ready for use. (READY TO GO)</b><br>The unit then changes over to gentle charging mode until the battery is fully charged.<br>To do this, leave the rechargeable battery on the charger for approx. 15 minutes longer.<br><b>Action:</b><br>Take the battery pack out of the charger. Disconnect the charger from the mains supply.                                                      |
| Flashing         | Off       | <b>Adapted charging</b><br>The charger is in gentle charging mode.<br>For safety reasons the charging is performed less quickly and takes more time. The reasons can be:<br>- The rechargeable battery has not been used for a very long time.<br>- The battery temperature is outside the ideal range.<br><b>Action:</b><br>Wait for the charging to be completed; you can still continue to charge the battery pack. |
| Flashing         | Flashing  | <b>Fault</b><br>Charging is no longer possible. The battery pack is defective.<br><b>Action:</b><br>Never charge a defective battery pack.<br>Take the battery pack out of the charger.                                                                                                                                                                                                                                |
| On               | On        | <b>Temperature fault</b><br>The battery pack is too hot (e.g. due to direct sunshine) or too cold (below 0° C).<br><b>Action:</b><br>Remove the battery pack and keep it at room temperature (approx. 20° C) for one day .                                                                                                                                                                                             |

## Service information

We have competent service partners in all countries named on the guarantee certificate whose contact details can also be found on the guarantee certificate. These partners will help you with all service requests such as repairs, spare and wearing part orders or the purchase of consumables.

Please note that the following parts of this product are subject to normal or natural wear and that the following parts are therefore also required for use as consumables.

| Category      | Example                |
|---------------|------------------------|
| Wear parts*   | Drill chuck, Battery   |
| Consumables*  | Bit inserts/drill bits |
| Missing parts |                        |

\* Not necessarily included in the scope of delivery!

In the event of defects or faults, please register the problem on the internet at [www.Einhell-Service.com](http://www.Einhell-Service.com). Please ensure that you provide a precise description of the problem and answer the following questions in all cases:

- Did the equipment work at all or was it defective from the beginning?
- Did you notice anything (symptom or defect) prior to the failure?
- What malfunction does the equipment have in your opinion (main symptom)? Describe this malfunction.

## ELECTRICAL SAFETY

**⚠ WARNING!** When using electric tools basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury.

Read the whole manual carefully and make sure you know how to switch the tool off in an emergency, before operating the tool. Save these instructions and other documents supplied with this tool for future reference.

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

This appliance is compatible and only to be used with all batteries & chargers from the Power X-Change range. Refer to the Power X-Change battery and charger manuals for information regarding charging, use and storage.

**⚠ WARNING!** Always remove the battery from the tool:

- when the batteries are to be charged,
- when the tool is left unattended,
- when the tool is being checked, cleaned, or having maintenance work done,
- when the tool is to be stored, or if the tool vibrates abnormally.

Do not combine different types of batteries.

Do not use modified or damaged batteries.

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## GENERAL POWER TOOL SAFETY

**⚠ WARNING!** Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

**Save all warnings and instructions for future reference.**

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

### 1) Work area safety

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

### 2) Electrical safety

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

### 3) Personal safety

- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- Use personal protective equipment. Always wear eye protection.** Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.
- Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.
- Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.

### 4) Power tool use and care

- Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
- Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

- c) **Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- d) **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
- e) **Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.
- f) **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- g) **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.
- h) **Keep handles and grasping surfaces dry, clean and free from oil and grease.** Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

#### 5) Battery tool use and care

- a) **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- b) **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- c) **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
- d) **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** Liquid ejected from the battery may cause irritation or burns.
- e) **Do not use a battery pack or tool that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
- f) **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 130 °C may cause explosion.
- g) **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.** Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

#### 6) Service

- a) **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.
- b) **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service providers.

#### ADDITIONAL WARNINGS FOR ANGLE GRINDERS AND USE OF PROPER GUARDS

- 1. Do not use Cutting guard for facial grinding as the cutting guard may interfere with the workpiece causing poor control.
  - 2. Do not use Grinding guard for cutting off operations with bonded abrasive wheels as there is an increased risk of exposure to emitted sparks and particles as well as exposure to wheel fragments in the event of wheel bust.
  - 3. When using Cutting or Grinding guard for cutting/grinding operations in concrete or masonry, there is an increased risk of exposure to dust and loss of control resulting in kickback.
  - 4. If Segmented diamond cutting wheel is used, maximum peripheral gap between segments is 10mm and only a negative rake angle is permitted.
- Maximum grinding wheel thickness is: 6mm.  
Maximum cutting wheel thickness is: 3mm.

#### ADDITIONAL WARNINGS FOR CUT-OFF SAWS

**⚠ WARNING! This tool is not suitable for grinding or sanding – please disregard references within manual to grinding or sanding in conjunction with below:**

- 1. Replace 'grinding/sanding wheels' with 'reinforced wheels' in clause f) of the *Safety Information for Cutting-off Machines* section of the *Safety Instructions* booklet.
- 2. Ignore 'grinding/sanding wheels' in clauses c) and f) of the *Safety Information for Cutting-off Machines* section of the *Safety Instructions* booklet.
- 3. Ignore 'grinding/sanding wheels' in clauses d), e), h) and i) of the *Safety Information for Cutting-off Machines* section of the *Safety Instructions* booklet.

#### Kickback and related warnings:

Kickback is a sudden reaction to a pinched or snagged rotating wheel. Pinching or snagging causes rapid stalling of the rotating wheel which in turn causes the uncontrolled power tool to be forced in the direction opposite of the wheel's rotation at the point of the binding. For example, if an abrasive wheel is snagged or pinched by the workpiece, the edge of the wheel that is entering into the pinch point can dig into the surface of the material causing the wheel to climb out or kick out. The wheel may either jump toward or away from the operator, depending on direction of the wheel's movement at the point of pinching. Abrasive wheels may also break under these conditions.

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

#### Selecting the blade

Use only saw blades which comply with standard EN 12413 and EN 13236 and are of the same type as the saw blade supplied with the tool.

- Abrasive cutting discs are recommended to cut metal.
  - Turbo diamond cutting discs are recommended to cut cement sheet.
- For diamond blades used with this tool, the maximum peripheral gap between segments is 10mm, and only with a negative rake angle.



**Einhell**  
PROFESSIONAL

# WARRANTY INFORMATION

**EINHELL AUSTRALIA PTY LTD – 25 Fox Drive, Dandenong South, VIC 3175 Australia** provides the following warranty in relation to your Einhell Professional tool.

## **2 YEAR\* STANDARD REPAIR WARRANTY**

Includes all Einhell Professional power tools and garden tools.

*\*Subject to an additional 1-year extended warranty upon online registration.*

## **10 YEAR\* BRUSHLESS MOTOR REPAIR WARRANTY**

Includes all brushless motors on Einhell Professional tools.

*\*Subject to online registration.*

[www.einhellpro.com.au/registration](http://www.einhellpro.com.au/registration)

## **3 YEAR STANDARD REPLACEMENT WARRANTY**

Includes all Einhell Professional Power X-Change batteries and chargers.

Our goods come with guarantees that cannot be excluded under Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

The benefits provided under this warranty are in addition to other rights and remedies which are available to you under law. The warranty covers manufacturer defects in materials, workmanship and finish under normal use.

## **EINHELL PROFESSIONAL Warranty Claim Process**

Equipment defects covered by the warranty will be repaired or replaced by Einhell Australia's Service Repair centre.

Contact us on

**Australia – 1800 929 094**

**New Zealand – 0800 105 040**

Or visit [www.einhellpro.com.au/contactus](http://www.einhellpro.com.au/contactus)

Or *return to your nearest Bunnings Store (special orders desk) to arrange service/repair.*

It is important that you have the tool's model number ready and your proof of purchase receipt.

If a fault is diagnosed and your tool is inside the stated warranty period, then your tool will be repaired or replaced at no cost. If your tool is diagnosed faulty but your tool has fallen outside the stated warranty period, the cost of diagnosis or repair will be covered by the user.

### **Exclusions:**

*The product has been modified, repaired, or serviced by someone other than an Einhell ANZ authorised service repair centre.*

*The product has been used other than for the purpose to which it is designed.*

*The product has been exposed to user abuse such as knocks, bumps and extreme temperatures or conditions, product misuse or product neglect.*

*Parts which are subject to wear are not covered by warranty – such as drill chucks, chainsaw chains, chainsaw bars, trimming and brush cutter heads and blades, lawn mower and hedge trimmer blades, lawn mower wheels, and accessories such as drill bits, cutting discs etc.*