



LI-ION 18V
DRILL & IMPACT
DRIVER KIT



INSTRUCTION MANUAL

AFTER SALES SUPPORT

TEL: 1300 922 271

EMAIL: service.australia@einhell.com

Cordless Impact Driver
TT-CW 18 Li

Cordless Drill
TT-CD 18 Li

 N26704

DRILL & IMPACT DRIVER KIT

What your 3 year warranty means

Great care has gone into the manufacture of these products and they should therefore provide you with years of good service when used properly. In the event of product failure within its intended use over the course of the first 3 year after the date of purchase, we will remedy the problem as quickly as possible once it has been brought to our attention. In the unlikely event of such an occurrence, or if you require any information about the product, please contact us via our after sales support services, details of which can be found in this manual and on the product itself.

Welcome Section

Congratulations on choosing to buy a TAURUS TITANIUM® product.

All products brought to you by TAURUS TITANIUM® are manufactured to the highest standards of performance and safety, and, as part of our philosophy of customer service and satisfaction, are backed by our comprehensive 3 Year Warranty.

We hope you will enjoy using your purchase for many years to come.

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1. GENERAL SAFETY RULES

WARNING! Read all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury. The term "power tool" in all of the warnings listed below refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

SAVE THESE INSTRUCTIONS

1. Work area

- Keep work area clean and well lit.** Cluttered and 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 tools plugs must match the outlet. Never modify the plug in any way.** Do not use any adapter plugs with earthed (grounded) power tool. 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 safety equipment. Always wear eye protection.** Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- Avoid accidental starting. Ensure the switch is in the off-position before plugging in.** Carrying power tools with your finger on the switch or

plugging in 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 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 these devices can reduce dust-related hazards.
- ### 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.
 - 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 tools 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 and in the manner intended for the particular type of power tool, 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.

5. 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.

6. Recommendation

We recommend that the tool always be supplied via a residual current device with a rated residual current of 30mA or less.

2. BATTERY SAFETY RULES

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.

Additional safety instructions

We pay a great deal of attention to the design of every battery pack to ensure that we supply you with batteries which feature maximum power density, durability and safety. The battery cells have a wide range of safety devices. Each individual cell is initially formatted and its electrical characteristic curves are recorded. This data is then used exclusively to be able to assemble the best possible battery packs. **Despite all the safety precautions, caution must always be exercised when handling batteries. The following points must be obeyed at all times to ensure safe use.**

Safe use can only be guaranteed if undamaged cells are used. Incorrect handling can cause cell damage.

Important: Analyses confirm that incorrect use and poor care are the main causes of the damage caused by high performance batteries.

Information about the battery

1. The battery pack supplied with your cordless tool is not charged. The battery pack has to be charged before you use the tool for the first time.
2. For optimum battery performance avoid low discharge cycles. Charge the battery pack frequently.
3. Store the battery pack in a cool place, ideally at 15°C and charged to at least 40%.
4. Lithium-ion batteries are subject to a natural ageing process. The battery pack must be replaced at the latest when its capacity falls to just 80% of its capacity when new. Weakened cells in an aged battery pack are no longer capable of meeting the high power requirements and therefore pose a safety risk.
5. Do not throw battery packs into an open fire. There is a risk of explosion!
6. Do not ignite the battery pack or expose it to fire.

7. **Do not exhaustively discharge batteries.** Exhaustive discharge will damage the battery cells. The most common cause of exhaustive discharge is lengthy storage or non-use of partly discharged batteries. Stop working as soon as the performance of the battery falls noticeably or the electronic protection system triggers. Place the battery pack in storage only after it has been fully charged.
8. **Protect batteries and the tool from overloads.** Overloads will quickly result in overheating and cell damage inside the battery housing without this overheating actually being apparent externally.
9. **Avoid damage and shocks.** Replace batteries which have been dropped from a height of more than one meter or which have been exposed to violent shocks without delay, even if the housing of the battery pack appears to be undamaged. The battery cells inside the battery may have suffered serious damage. In this respect, please also read the waste disposal information.
10. If the battery pack suffers overloading and overheating, the integrated protective cut-off will switch off the equipment for safety reasons. **Important.** Do not press the ON/OFF switch any more if the protective cut-off has actuated. This may damage the battery pack.
11. Use only original battery packs. The use of other batteries may result in injuries, explosion and a fire risk.

Information on chargers and the charging process

1. Please check the data marked on the rating plate of the battery charger. Be sure to connect the battery charger to a power supply with the voltage marked on the rating plate. Never connect it to a different mains voltage.
2. Protect the battery charger and its cable from damage and sharp edges. Have damaged cables repaired without delay by a qualified electrician.
3. Keep the battery charger, batteries and the cordless tool out of children's reach.
4. Do not use damaged battery chargers.
5. Do not use the supplied battery charger to charge other cordless tools.
6. In heavy use the battery pack will become warm. Allow the battery pack to cool to room temperature before commencing with the charging.
7. **Do not over-charge batteries.** Do not exceed the maximum charging times. These charging times only apply to discharged batteries. Frequent insertion of a charged or partly charged battery pack will result in overcharging and cell damage. Do not leave batteries in the charger for days on end.

8. **Never use or charge batteries if you suspect that the last time they were charged was more than 12 months previously.** There is a high probability that the battery pack has already suffered dangerous damage (exhaustive discharge).
9. Charging batteries at a temperature below 10°C will cause chemical damage to the cell and may cause a fire.
10. Do not use batteries which have heated during the charging process, as the battery cells may have suffered dangerous damage.
11. Do not use batteries which have suffered curvature or deformation during the charging process or which show other non-typical symptoms (gassing, hissing, cracking,...)
12. Never fully discharge the battery pack (recommended depth of discharge max. 80%) A complete discharge of the battery pack will lead to premature ageing of the battery cells.
13. Never charge the batteries unsupervised.

Protection from environmental influences

1. Wear suitable work clothes. Wear safety goggles.
2. Protect your cordless tool and the battery charger from moisture and rain. Moisture and rain can cause dangerous cell damage.
3. Do not use the cordless tool or the battery charger near vapors and inflammable liquids.
4. Use the battery charger and cordless tools only in dry conditions and an ambient temperature of 10–40°C.
5. Do not keep the battery charger in places where the temperature is liable to reach over 40°C. In particular, do not leave the battery charger in a car that is parked in the sun.
6. **Protect batteries from overheating.** Overloads, over-charging and exposure to direct sunlight will result in overheating and cell damage. Never charge or work with batteries which have been overheated – replace them immediately if possible.
7. **Storage of batteries, battery chargers and cordless tools.** Store the charger and your cordless tool only in dry places with an ambient temperature of 10–40°C. Store your lithium-ion battery pack in a cool, dry place at a temperature of 10–20°C. Protect them from humidity and direct sunlight. Only place fully charged batteries in storage (charged at least 40%).
8. Prevent the lithium-ion battery pack from freezing. Battery packs which were stored below 0°C for more than 60 minutes must be disposed of. 9. When handling batteries beware of electrostatic charge: Electrostatic

discharges cause damage of the electronic protection system and the battery cells. Avoid electrostatic charging and never touch the battery poles.

Disposal of batteries

Batteries contain substances harmful to the environment. Never place batteries in your household refuse, in fire or in water. Batteries should be collected, recycled or disposed of in an environmentally friendly way. Seek advice on correct disposal from local waste authorities.



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.

Do not lose this safety information.

3. CHARGER OPERATING INSTRUCTIONS






For use in dry rooms only



Safety Class II

 **Output connector of the charging unit (direct current):** The outer part of the connector is the negative pole and the inner part is the positive pole.

3.1 CHARGER SAFETY RULES

CAUTION!

Read all safety regulations and instructions.

Any errors made in following the safety regulations and instructions may result in an electric shock, fire and/or serious injury.

Keep all safety regulations and instructions in a safe place for future use.

- The charging unit is not allowed to be used for non-rechargeable, normal batteries.
- Sufficient ventilation is required.
- The current and voltage information on the battery pack must be the same as that on the charging unit.
- Do not expose the charging unit to water or rain.
- Do not throw old or damaged batteries into water or fire. Follow the environmental protection directives.
- A defective or no longer chargeable battery must be treated as special waste. Dispose of it at a special collection point. Do not dispose of it with your normal household waste or throw it into water or fire.
- Place the charging unit away from all sources of heat.
- To reduce the risk of electric shock, pull the power plug out of the socket outlet by the plug itself and not by the cable when you want to disconnect the charging unit from the power supply.
- Do not take the charging unit apart. Take it to an authorized repair center if servicing or repairs are needed. Incorrect assembly can result in an electric shock, fire or even death.
- This equipment is not designed to be used by people (including children) with limited physical, sensory or mental capacities or those with no experience and/or knowledge unless they are supervised by a person who is responsible for their safety or they have received instructions from such a person in how to use the equipment safely.
- Children must always be supervised in order to ensure that they do not play with the equipment.

3.2 LAYOUT (FIG. 1+3)

- 1 hour charger
- Battery pack
- ON/OFF button for Battery capacity indicator
- Battery capacity indicator

3.3. TECHNICAL DATA

Charging unit:

Input:	230-240V~50-60Hz, 40W
Output:	14.4-18V d.c., 1.5 A

3.3.1 Charging the Li-Ion battery pack (Fig. 1-2)

- Press the pushlock button (c) and pull the battery pack (2) out of the equipment as shown in Fig. 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 (1) into the mains socket outlet. The green LED (a) will then begin to flash.
- Slide the battery pack onto the charger. The red LED (b) will light up to indicate that the battery pack is being charged. When the charging is finished, the green LED (a) will shine with a steady light. Discharged battery packs require approx. 1 hour for charging. The temperature of the battery may rise slightly during the charging. This is normal.
If both LEDs (a, b) flash after the battery pack has been inserted, the battery pack is defective. In this case pull out the charger plug immediately and remove the defective battery pack. Do not use the defective battery pack again. If both LEDs (a, b) light up after the battery pack has been inserted, the charging temperature is either low or too high. In this case, pull out the mains plug of the charger and charge the battery in an environment in which the temperature is either warmer or colder.

If the battery fails to charge, please check

- whether there is voltage at the socket outlet
- whether there is good contact at the charging contacts of the charging unit

If the battery still fails to charge, please call our customer service on 1300 922 271.

Timely recharging of the battery will help it serve you well for a long time. You must recharge the battery when you notice that the power of the cordless product drops.

3.3.2 Battery capacity indicator (Fig. 3/Item 4)

Press the button for the battery capacity indicator (3). The battery capacity indicator (4) indicates the charge state of the battery as indicated on the label.

3.5 CLEANING AND MAINTENANCE

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

The equipment is not allowed to be stored in a damp location or where there are caustic gases. Keep it in a dry place out of the reach of children.

3.5.1 Cleaning

Keep the surface of the equipment clean and wipe it only with a dry cloth.

3.5.2 Maintenance

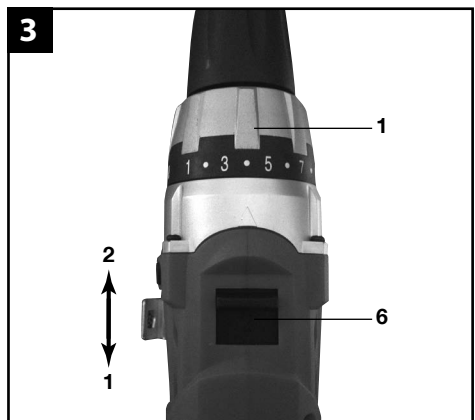
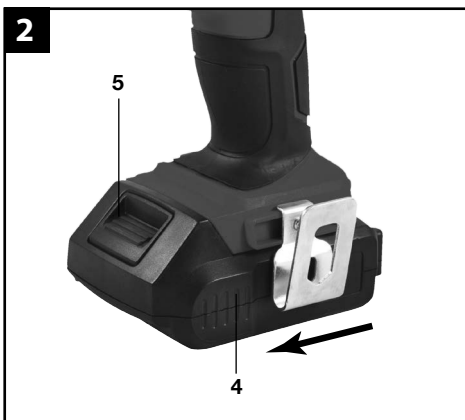
There are no other parts inside the equipment which require maintenance.

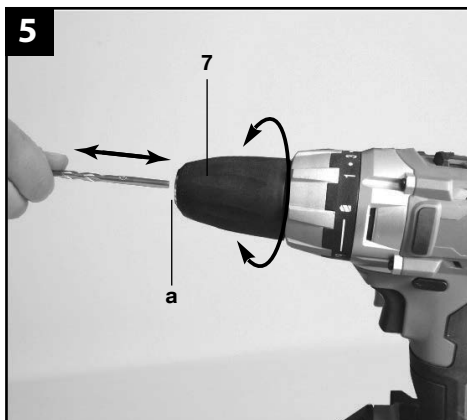
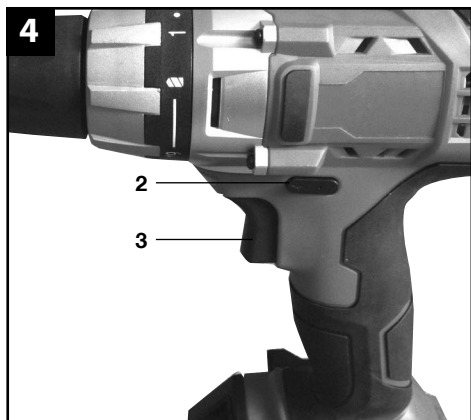
The equipment is not allowed to be taken apart. If the equipment is damaged, contact your supplier or the manufacturer.

3.6. 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. Defective components must be disposed of as special waste. Ask your local council.

4. CORDLESS DRILL OPERATING INSTRUCTIONS







Caution - Read the operating instructions to reduce the risk of injury



Wear ear-muffs.
The impact of noise can cause damage to hearing.

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!



Wear Safety goggles.
Sparks generated during working or splinters, chips and dust emitted by the device can cause loss of sight.



Change the gear only when the drill is at a standstill.
If you fail to observe this point, the gearing may be damaged.

4.1. CORDLESS DRILL SAFETY RULES

CAUTION!

Read all safety regulations and instructions.

Any errors made in following the safety regulations and instructions may result in an electric shock, fire and/or serious injury.

Keep all safety regulations and instructions in a safe place for future use.

Hold the equipment by the insulated handles when carrying out work during which the screw or the plug-in tool could strike concealed power cables. Contact with a live cable may also make the metal parts of the equipment live and cause an electric shock.

Ensure that the tool is switched off before you insert the battery. Inserting a battery into an electric tool that is switched on can cause accidents.

4.2. LAYOUT / ITEMS SUPPLIED (FIG. 1/2)

4.2.1 Layout

1. Torque selector
2. Forward/Reverse switch
3. ON/OFF switch
4. Battery pack
5. Pushlock button
6. Selector switch for 1st gear to 2nd gear
7. Quick-change drill chuck
8. LED light

4.2.2 Items supplied

- 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 Drill
- Original operating instructions
- Charger (1 x in set included)
- Battery Pack (2 x in set included)

4.3. PROPER USE

The cordless drill is designed for tightening and undoing screws, as well as for drilling in wood, metal and plastic.

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 injuries of any kind caused as a result of this.

Please note that our equipment has not been designed for use in commercial, trade or industrial applications. Our warranty will be voided if the machine is used in commercial, trade or industrial businesses or for equivalent purposes.

4.4. TECHNICAL DATA

Voltage supply	18 V d.c.
Idling speed:	0-350/0-1200 rpm
Torque settings:	19+1
Forward and reverse rotation	yes
Chuck capacity	10 mm

Sound and vibration

Sound and vibration values were measured in accordance with EN 60745.

L_{BA} sound pressure level	70,93 dB(A)
K_{BA} uncertainty	3 dB
L_{WA} sound power level	81,93 dB(A)
K_{WA} uncertainty	3 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 60745.

Drilling in concrete

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

K uncertainty = 1.5 m/s^2

Screwing without hammer action

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

K uncertainty = 1.5 m/s^2

Additional information for electric power tools

Warning!

The specified vibration value was established in accordance with a standardized testing method. It may change according to how the electric equipment is used and may exceed the specified value in exceptional circumstances.

The specified vibration value can be used to compare the equipment with other electric power tools.

The specified vibration value can be used for initial assessment of a harmful effect.

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.
- Wear protective gloves.

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.

4.5 BEFORE STARTING THE EQUIPMENT

Charge the battery pack with the charger supplied. An empty battery pack requires a charging period of approximately 1 hour.

For more details about charging the battery pack please read the operating instructions of the 1-hour charger.

Always remove the battery pack before making adjustments to the equipment.

Mounting and removing the battery pack (Fig. 2/Item 4)

Mounting:

Push the battery pack (4) onto the equipment until it latches in place.

Removing:

Press the pushlock button (5) and pull the battery pack (4) out of the equipment.

4.6. OPERATION

4.6.1 Torque setting (Fig. 3 / Item 1)

The cordless drill is fitted with a mechanical torque selector.

The torque for a specific size of screw is selected with the torque selector (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.

Important! The tool must be at a standstill when you set the torque with the setting ring.

4.6.2 Drilling (Fig. 3 / Item 1)

For drilling purposes, move the torque selector (1) to the last step "Drill". In this setting the slip clutch is inactive. The maximum torque is available in drilling mode.

4.6.3 Forward/Reverse switch (Fig. 4 / Item 2)

With the Forward/Reverse switch (2) above the On/Off switch (3) you can select the direction of rotation of the battery-powered drill 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 (3) is blocked when the Forward/Reverse switch (2) is in centre position.

4.6.4 On/Off switch (Fig. 4 / Item 3)

Infinitely variable speed control is possible with the On/Off switch (3). The further you press the On/Off switch (3), the higher the speed of the battery powered drill.

4.6.5 LED lamp (Fig. 1/Item 8)

The LED lamp (8) can be used in poor lighting conditions to illuminate the area where you want to drill or screw. The LED lamp (8) will be lit automatically as soon as you press the ON/OFF switch (3).

4.6.6 Changing the accessory (Fig. 5)

Important. Set the Forward/Reverse switch (2) to its centre position whenever you carry out any work (for example changing the accessory, maintenance work, etc.) on the cordless drill.

- The cordless drill is fitted with a quick change chuck (7) with an automatic spindle stop.

- Open the chuck (7). The chuck opening (a) must be large enough to hold the accessory (drill bit or screwdriver bit).
- Select the suitable accessory. Push the accessory as far as possible into the chuck opening (a).
- Tighten the chuck (7) and then check that the accessory is secure.

4.6.7 Screwdriving

We recommend using self-centering screws (e.g. Torx screws, 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 in section 6.1 in these operating instructions, to suit the size of screw.

4.6.8 Selecting 1st gear to 2nd gear (Fig. 3/Item 6)

By adjusting the selector switch (6), you can work with a faster or slower turning speed. Change the gear only when the drill is at a standstill. If you fail to observe this point, the gearing may be damaged.

4.7. CLEANING, MAINTENANCE AND ORDERING OF SPARE PARTS

Always remove the battery pack before starting any cleaning work!

4.7.1 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.

4.7.2 Maintenance

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

4.7.3 Ordering spare parts

Contact our After Sales Support on 1300 922 271 and quote the following data when ordering spare parts:

- Type of machine
- Article number of the machine
- Identification number of the machine
- Spare part number of the part required

4.8. DISPOSAL AND RECYCLING

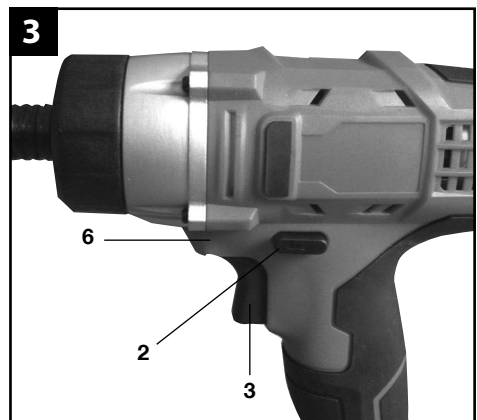
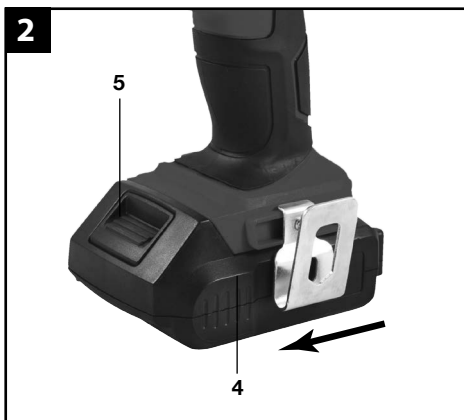
The unit is supplied in packaging to prevent its being damaged in transit. This packaging is raw material and can therefore be reused or can be returned to the raw material system.

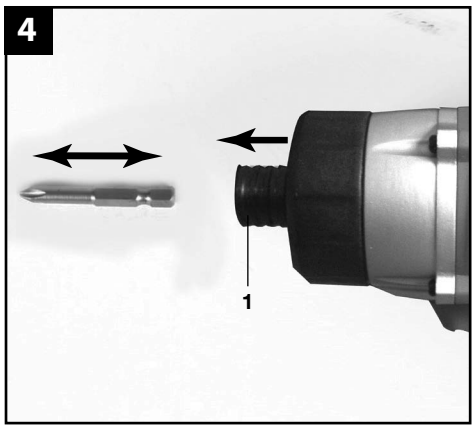
The unit and its accessories are made of various types of material, such as metal and plastic. Defective components must be disposed of as special waste. Ask your local council.

4.9. 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.

5. CORDLESS IMPACT DRIVER OPERATING INSTRUCTIONS







Caution - Read the operating instructions to reduce the risk of injury



Wear ear-muffs.
The impact of noise can cause damage to hearing.



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!



Wear Safety goggles.
Sparks generated during working or splinters, chips and dust emitted by the device can cause loss of sight.

5.1 CORDLESS IMPACT DRIVER SAFETY RULES

CAUTION!

Read all safety regulations and instructions.

Any errors made in following the safety regulations and instructions may result in an electric shock, fire and/or serious injury.

Keep all safety regulations and instructions in a safe place for future use.

Hold the equipment by the insulated handles when carrying out work during which the screw or the plug-in tool could strike concealed power cables. Contact with a live cable may also make the metal parts of the equipment live and cause an electric shock.

Ensure that the tool is switched off before you insert the battery. Inserting a battery into an electric tool that is switched on can cause accidents.

5.2 LAYOUT (FIG. 1)

1. Bit chuck
2. Forward/ Reverse switch
3. ON/OFF switch
4. Battery pack
5. Pushlock button

5.3 ITEMS SUPPLIED

- 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 driver
- Battery charger (1 x set included)
- Battery pack (2 x set included)
- Original operating instructions

5.4 PROPER USE

The cordless drill/screwdriver is designed for tightening and undoing screws, as well as for drilling in wood, metal and plastic.

The machine 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 injuries of any kind caused as a result of this.

Please note that our equipment has not been designed for use in commercial, trade or industrial applications. Our warranty will be voided if the machine is used in commercial, trade or industrial businesses or for equivalent purposes.

5.5 TECHNICAL DATA

Voltage supply:	18 V d.c.
Idling speed:	0-2200 rpm
Number of impact:	0-3300 bpm
Bit chuck:	1/4" (6.35 mm)
Forward and reverse rotation:	yes
Screw bit length:	50 mm

Sound and vibration

Sound and vibration values were measured in accordance with EN 60745.

LpA sound pressure level:	84,13 dB(A)
KpA uncertainty:	3 dB
LWA sound power level:	95,13 dB(A)
KWA uncertainty:	3 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 60745.

Impact tightening of fasteners of the maximum capacity of the tool

Vibration emission value $a_h = 3,05 \text{ m/s}^2$

K uncertainty = $1,5 \text{ m/s}^2$

Warning!

The specified vibration value was established in accordance with a standardized testing method. It may change according to how the electric equipment is used and may exceed the specified value in exceptional circumstances.

The specified vibration value can be used to compare the equipment with other electric power tools.

The specified vibration value can be used for initial assessment of a harmful effect.

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.
- Wear protective gloves.

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.

5.6 BEFORE STARTING THE EQUIPMENT

Charge the battery pack with the charger supplied. An empty battery pack requires a charging period of approximately 1 hour.

For more details about charging the battery pack please read the operating instructions of the 1-hour charger.

Always remove the battery pack before making adjustments to the equipment.

Mounting and removing the battery pack (Fig. 2/Item 4)

Mounting:

Push the battery pack (4) onto the equipment until it latches in place.

Removing:

Press the pushlock button (5) and pull the battery pack (4) out of the equipment.

5.7 OPERATION

5.7.1 Forward/Reverse switch (Fig. 3 / Item 2)

With the Forward/Reverse switch above the On/Off switch you can select the direction of rotation of the cordless impact driver 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.

5.7.2 On/Off switch (Fig. 3 / Item 3)

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 impact driver.

5.7.3 Changing the accessory (Fig. 4)

Important. Set the forward/reverse switch (2) to its centre position whenever you carry out any work (for example changing the accessory, maintenance work, etc.) on the cordless impact driver.

- Pull the sleeve on the chuck (1) towards the screw. Insert the screw bit all the way into the chuck
- Then pull the screw bit slightly till it automatically locks into place.

5.7.4 Tightening screws

- Plug the required bit in the chuck like mentioned in point 5.7.3
- Select the correct direction of rotation on the hammer screwdriver
- Push the drive socket insert onto the screw head and actuate the ON/OFF switch.
- For as long as the screw is untightened, the tool works as a normal screwdriver. Only when the screw is tightened does the tool work as a hammer screwdriver.
- It is imperative that you use a torque wrench to check a torque which has been specified by a manufacturer. In doing so, ensure that you observe the information supplied by the manufacturer in the directions for use.
- Most mounting parts can be tightened within a few seconds. The time required to achieve the maximum torque depends on the actual case of application and can be determined with experience.

5.7.5 Loosening screws

For as long as the screw is tightened, the tool works as a hammer screwdriver. As soon as the screw is untightened, the tool operates as a normal screwdriver.

5.8 CLEANING, MAINTENANCE AND ORDERING OF SPARE PARTS

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

5.8.1 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.

5.8.2 Maintenance

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

5.8.3 Ordering replacement parts

Contact our After Sales Support on 1300 922 271 and quote the following data when ordering spare parts:

- Type of machine
- Article number of the machine
- Identification number of the machine
- Spare part number of the part required

5.9 DISPOSAL AND RECYCLING

The unit is supplied in packaging to prevent its being damaged in transit. This packaging is raw material and can therefore be reused or can be returned to the raw material system.

The unit and its accessories are made of various types of material, such as metal and plastic.

Defective components must be disposed of as special waste. Ask your dealer or your local council.

5.10 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.

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