



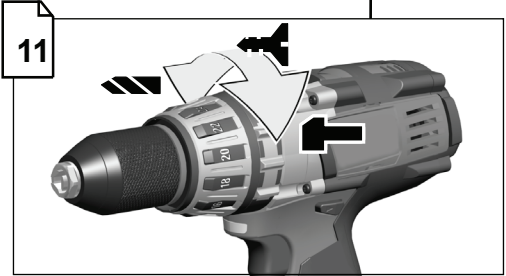
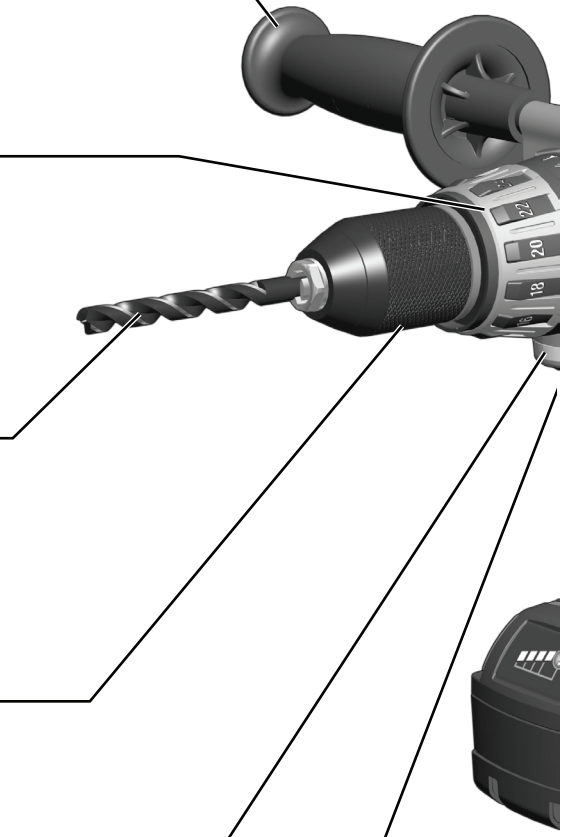
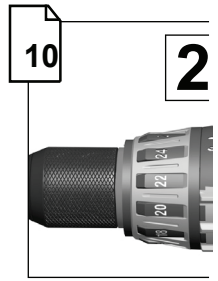
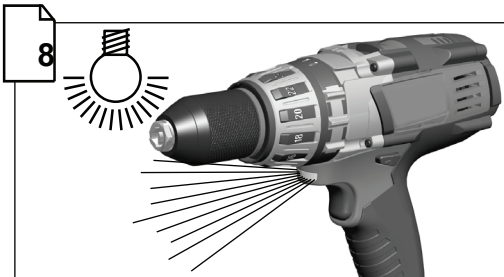
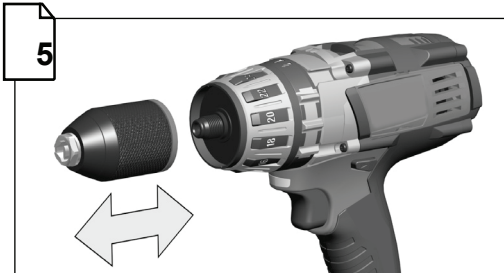
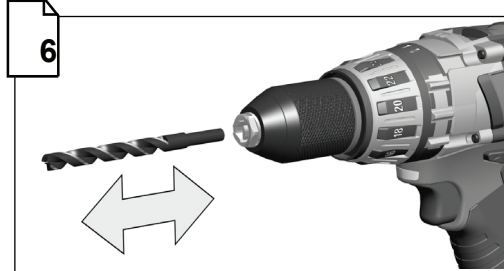
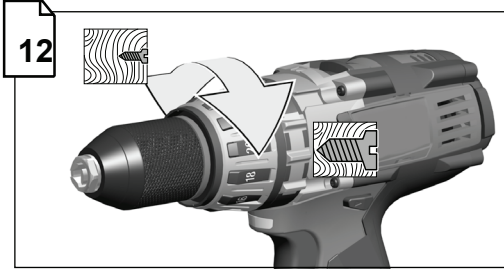
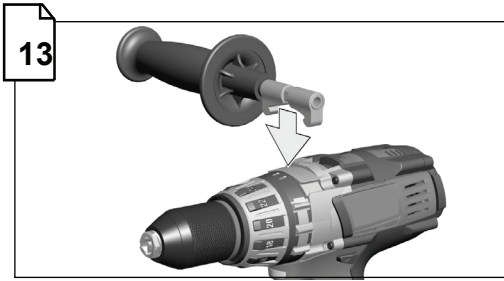
Ramset™

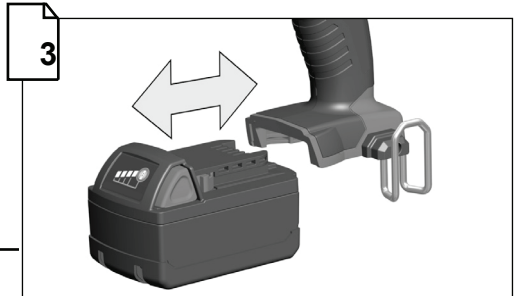
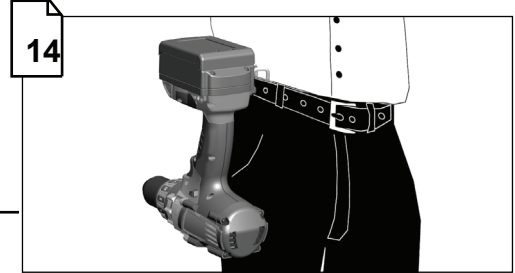
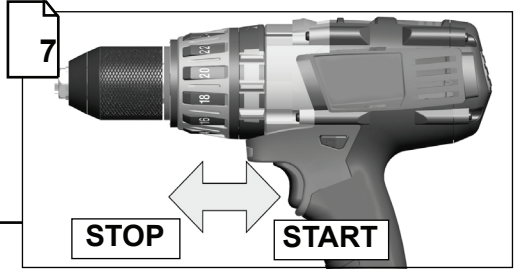
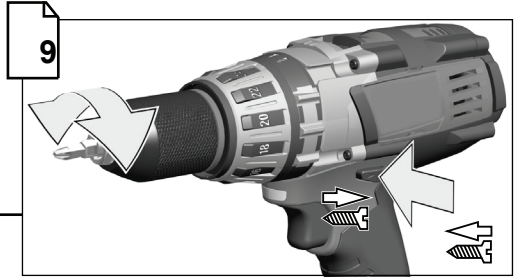
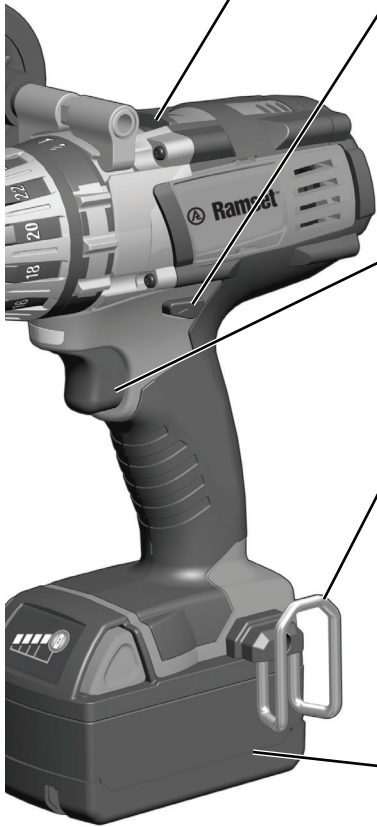
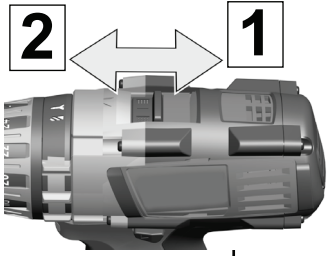
**CHDDR18
18V Hammer Drill/Driver
Operator's Manual**

A18
Lithium Ion

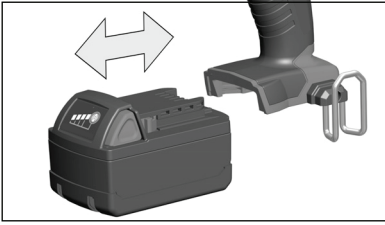


TO REDUCE THE RISK OF INJURY, USER MUST READ OPERATOR'S MANUAL.

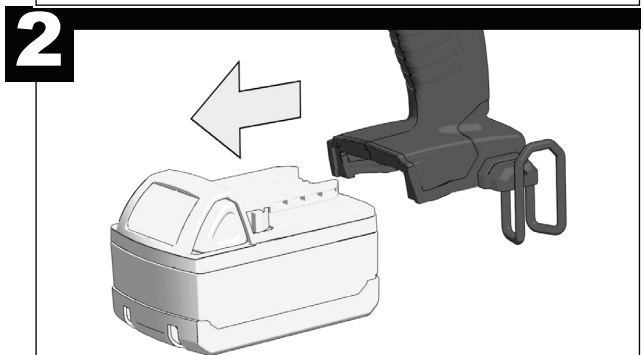
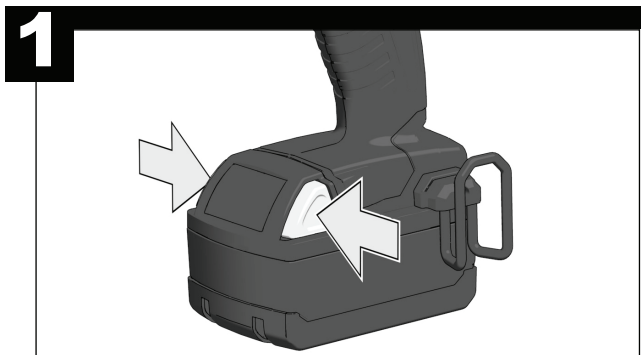
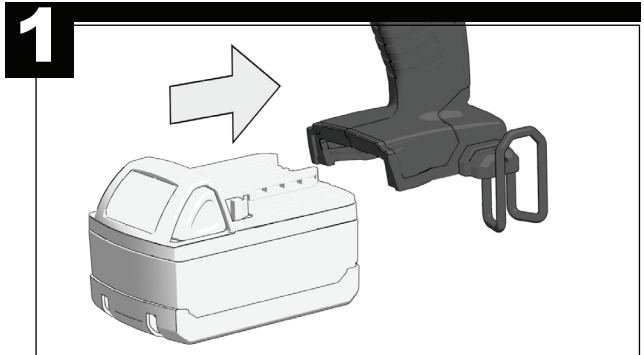


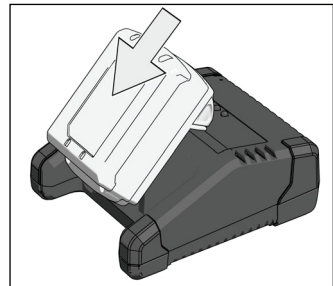
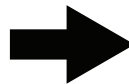
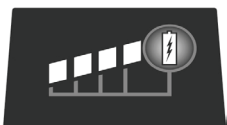
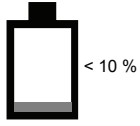
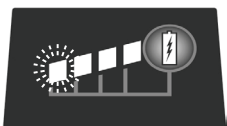
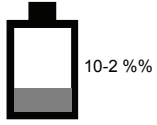
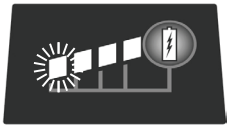
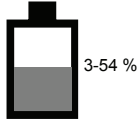
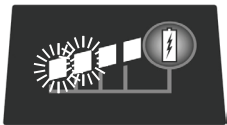
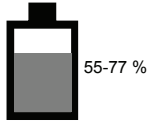
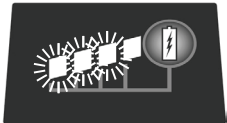
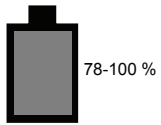
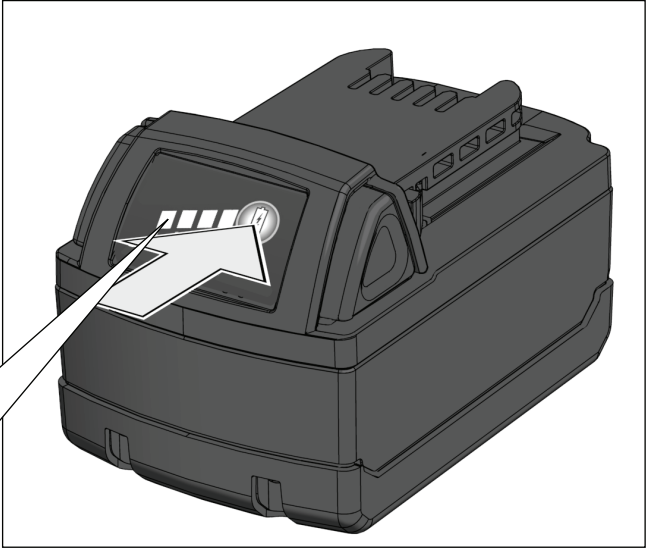


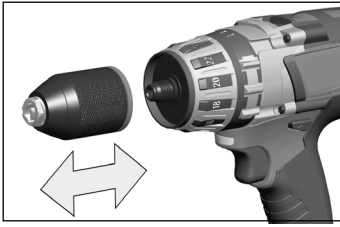
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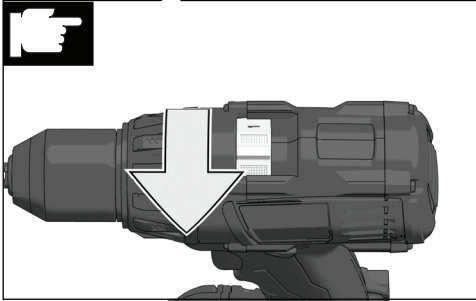
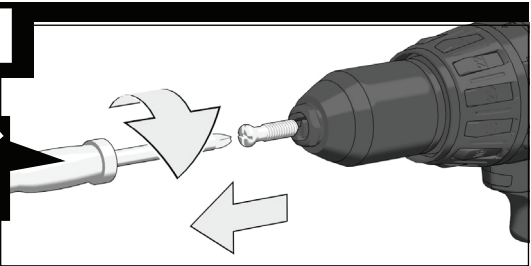
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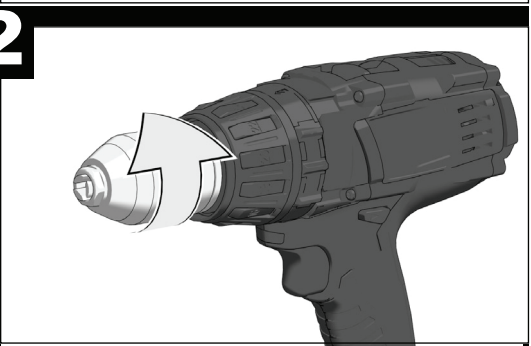




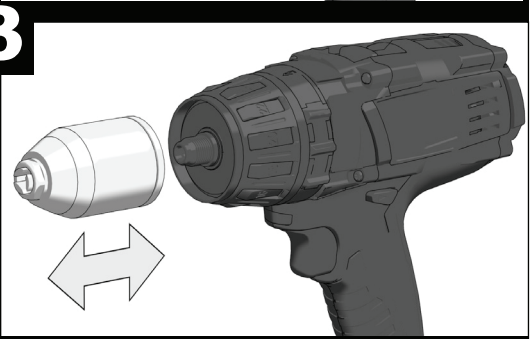
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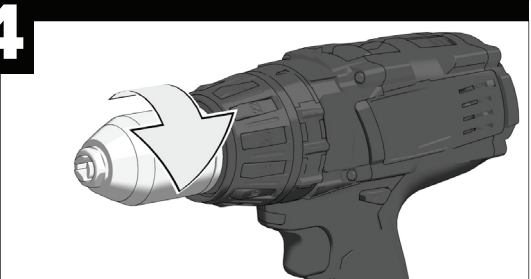
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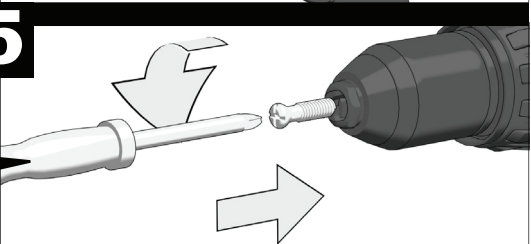
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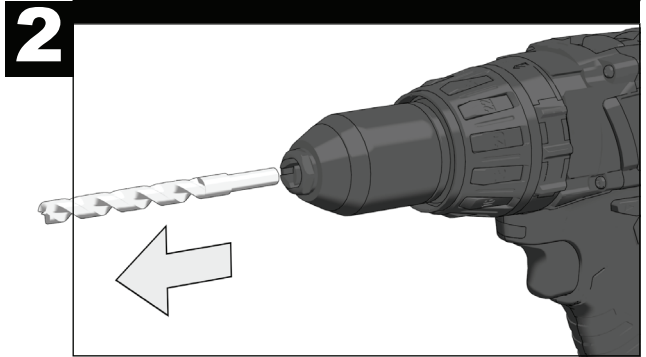
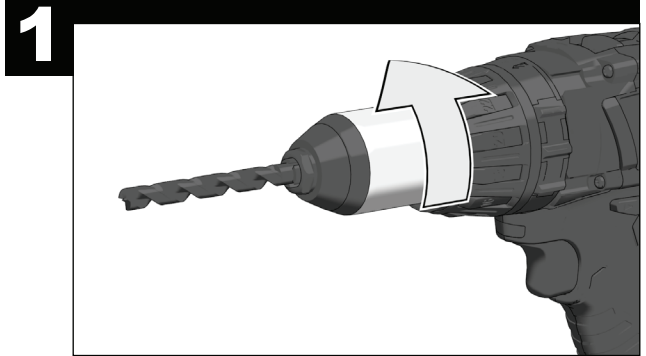
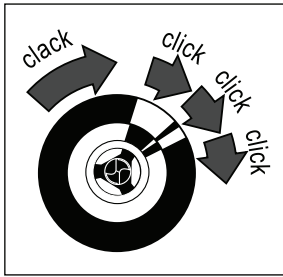
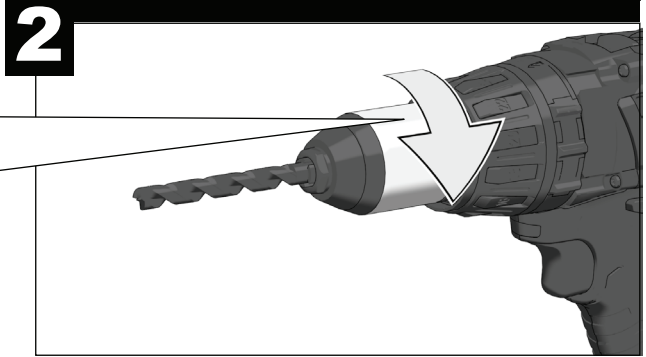
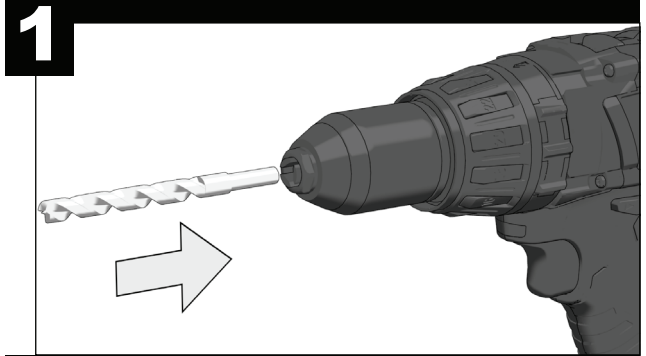
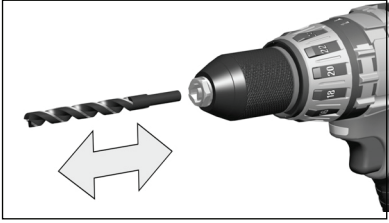


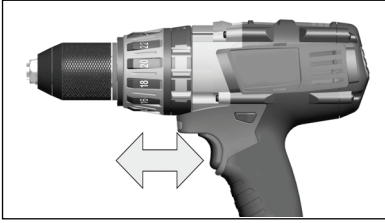
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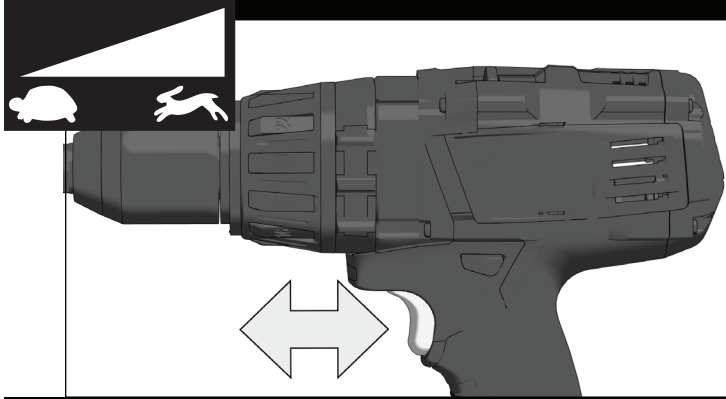
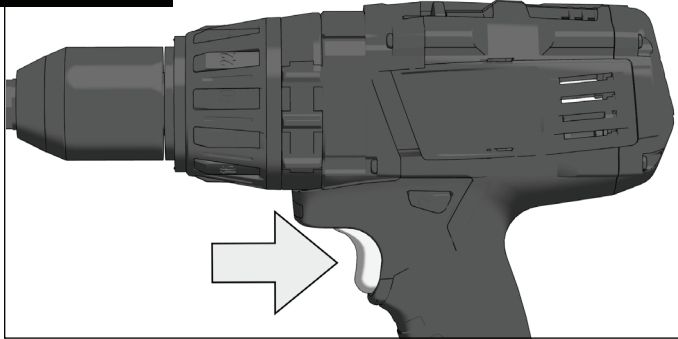
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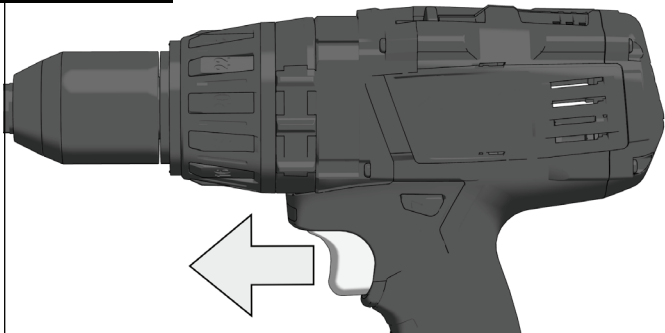


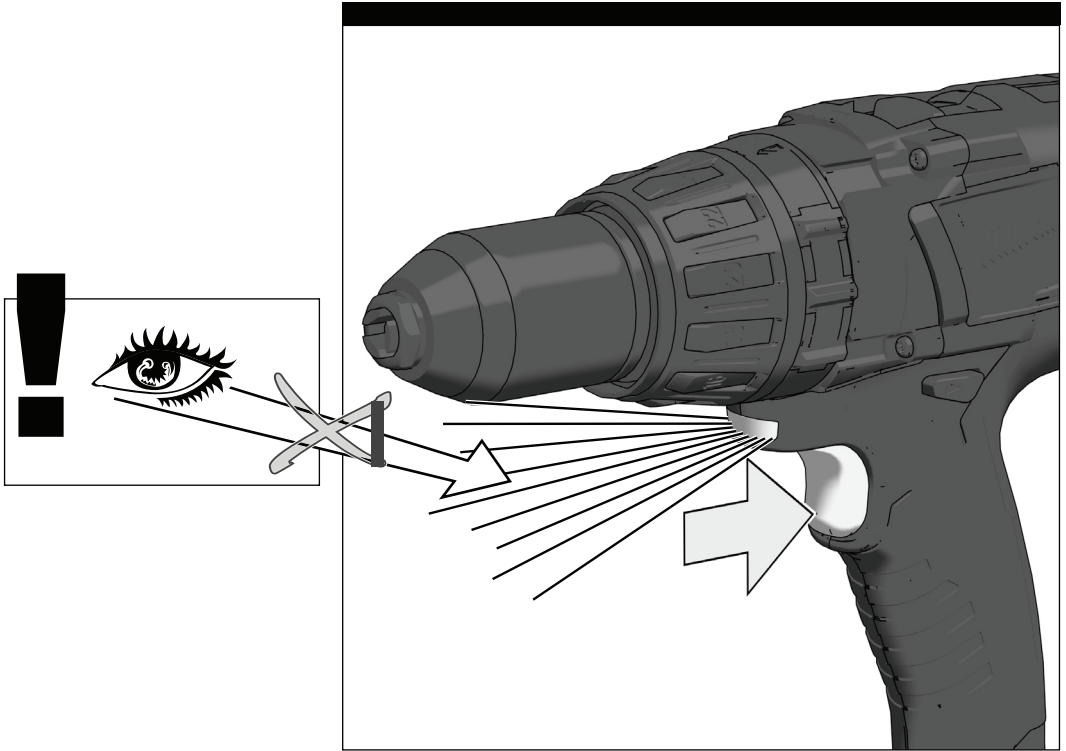
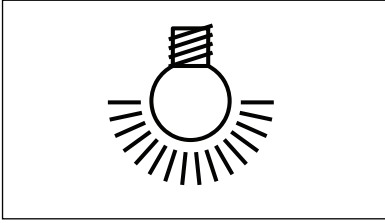


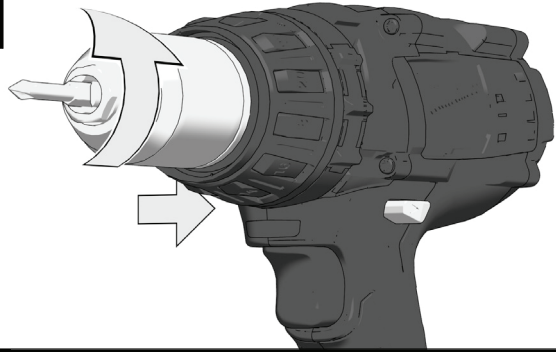
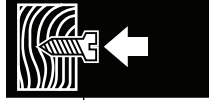
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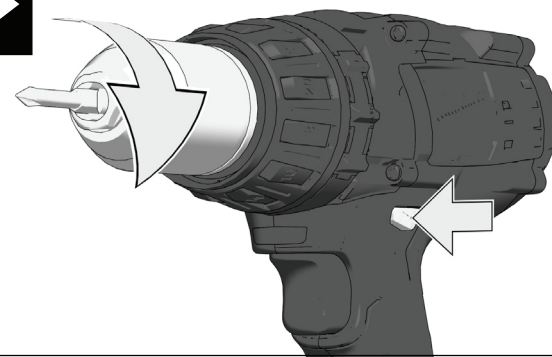
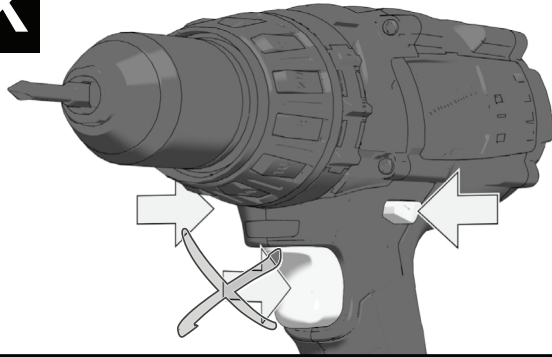
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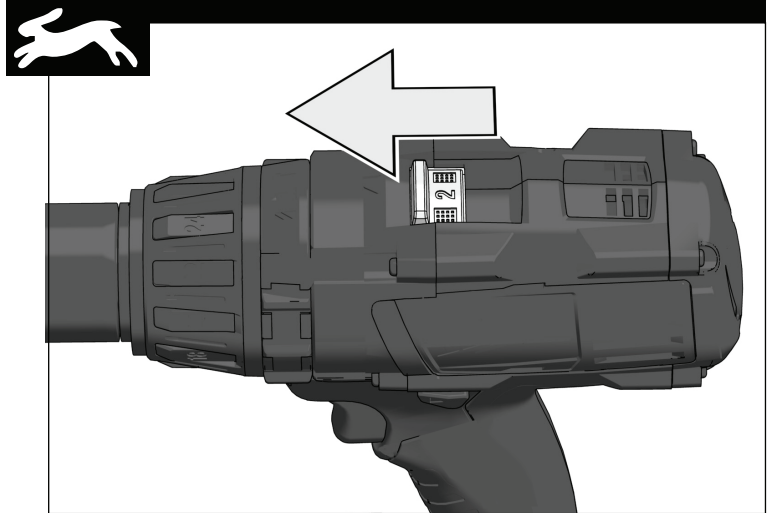
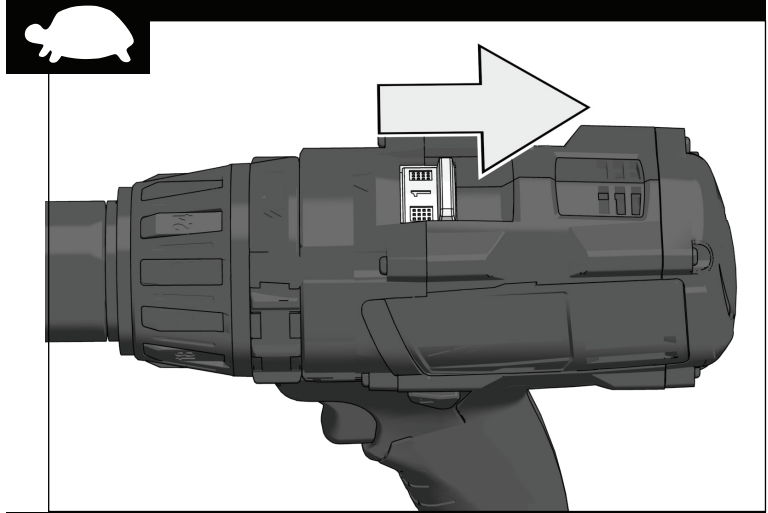
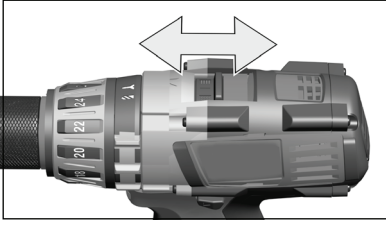


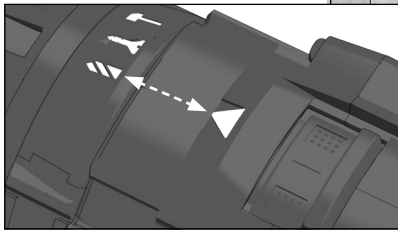
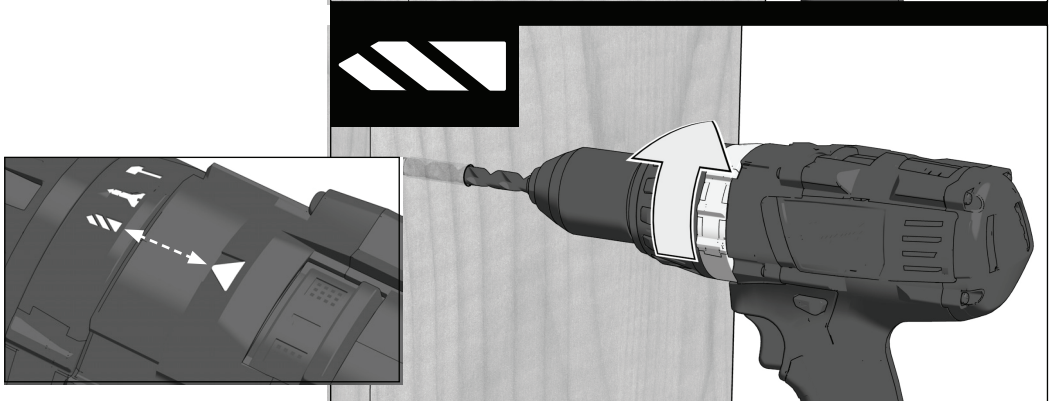
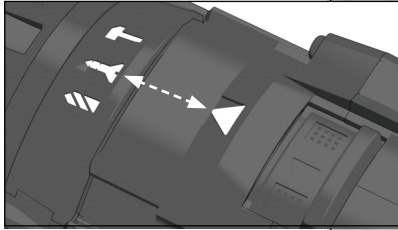
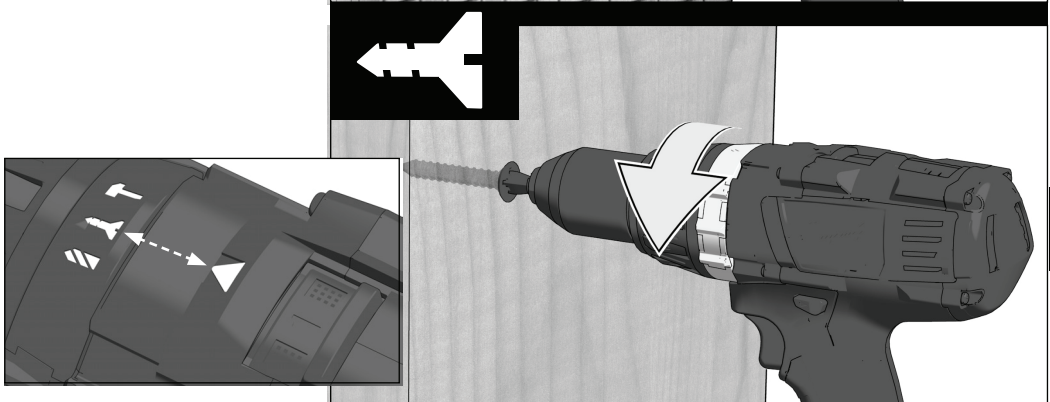
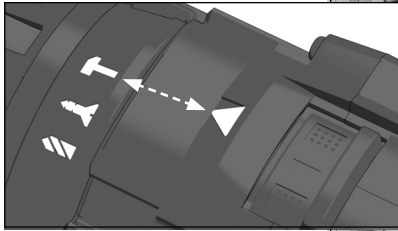
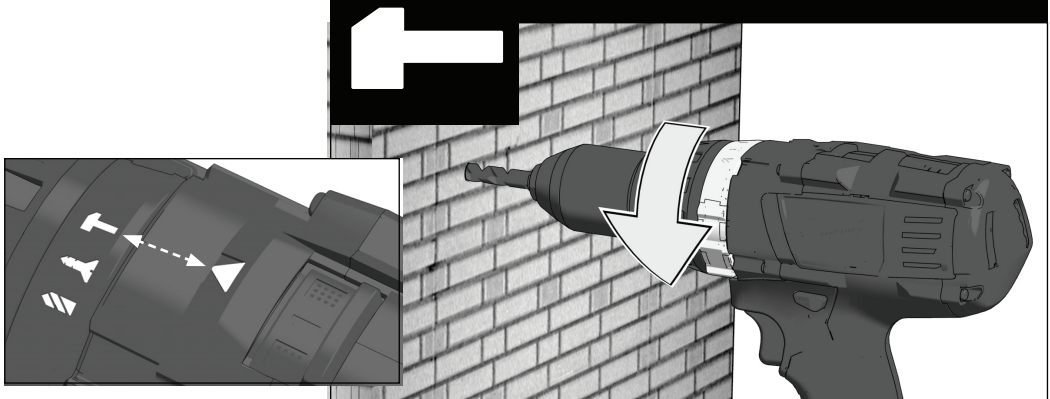
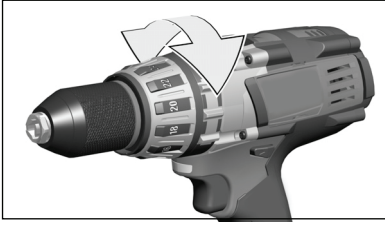


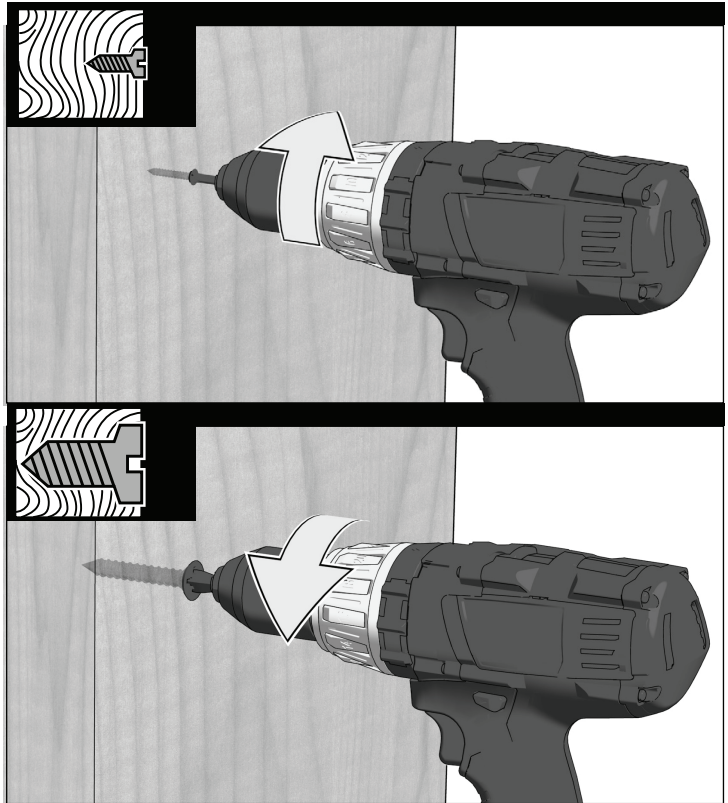
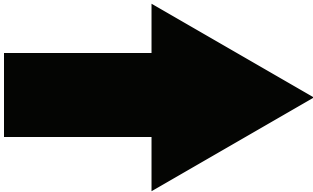
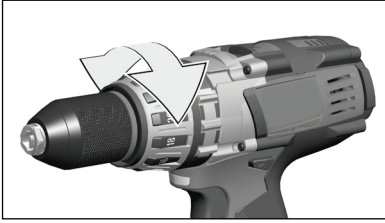


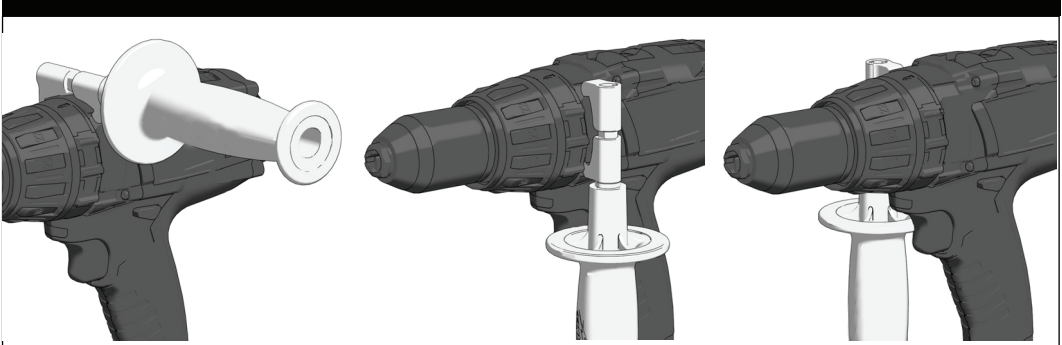
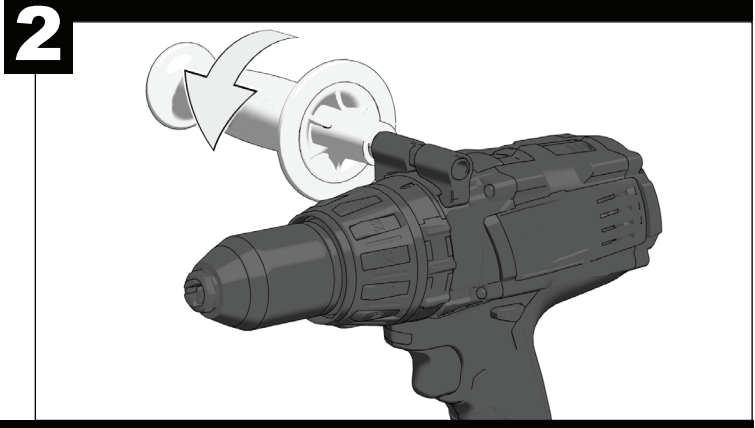
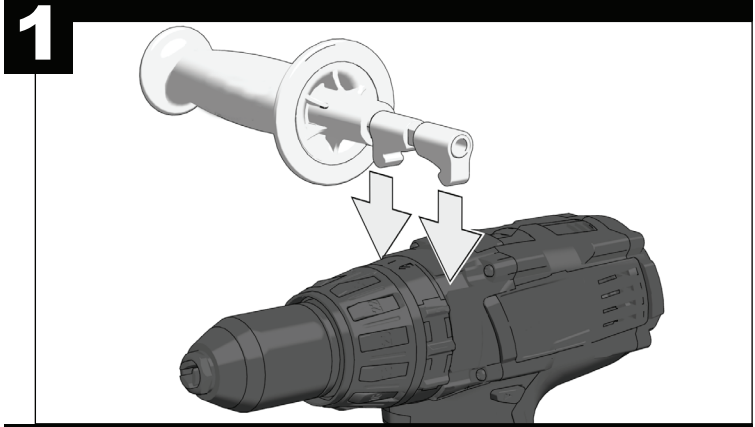
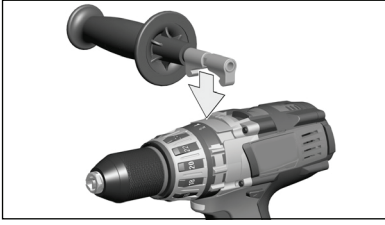
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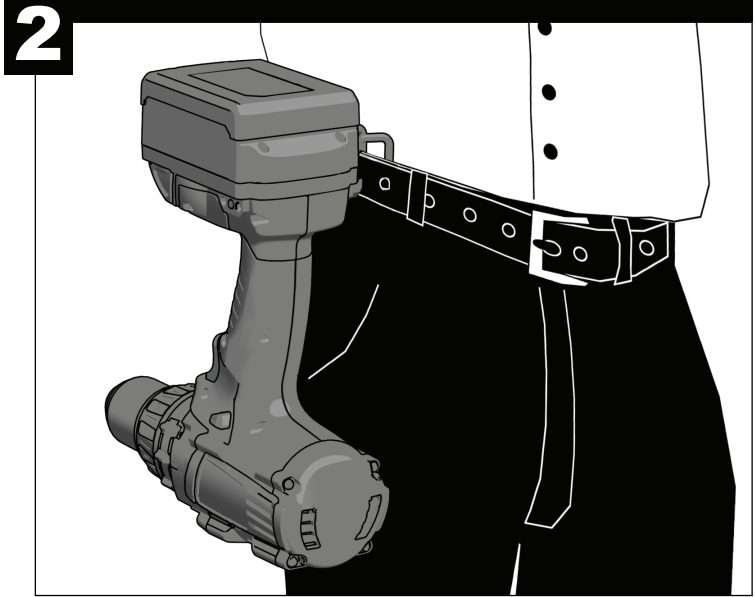
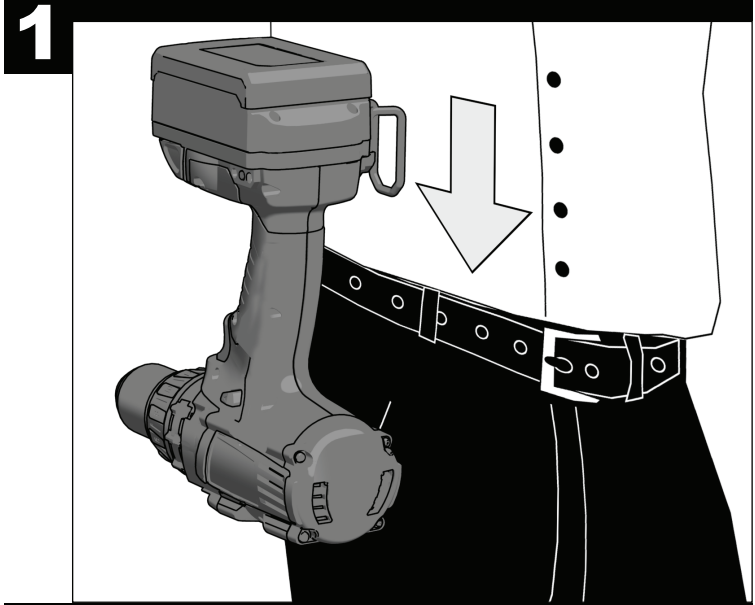
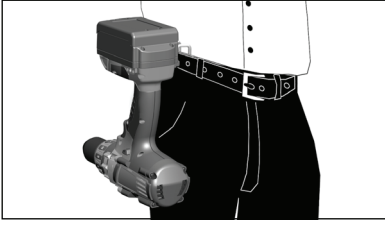












TECHNICAL DATA

	CHDDR18
Drilling capacity in steel	13 mm
Drilling capacity in wood	55 mm
Drilling capacity in brick and tile	16 mm
Wood screws (without pre-drilling)8 mm
No-load speed 1st gear	0-450 min-1
No-load speed 2nd gear	0-1800 min-1
Torque max *1	85 Nm
Battery voltage	18V
Drill opening range	1.5-13 mm
Weight with battery (1.5 Ah)	2.5 kg

Noise/vibration information

Measured values determined according to EN 60 745.

Typically, the A-weighted noise levels of the tool are:

Sound pressure level (K = 3dB(A))	86.5 dB (A)
Sound power level (K = 3dB(A))	97.5 dB (A)

Wear ear protectors!

Total vibration values (vector sum in the three axes) determined according to EN 60745. Vibration emission value a_h

Percussion drilling into concrete	11.6 m/s ²
Uncertainty K=	1.5 m/s ²
Drilling into metal	< 2.5 m/s ²
Uncertainty K=	1.5 m/s ²
Screwing	< 2.5 m/s ²
Uncertainty K=	1.5 m/s ²

WARNING

The vibration emission 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 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.

⚠ WARNING! Read all safety warnings and all instructions, including those given in the accompanying brochure. 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.**

SAFETY INSTRUCTIONS

Wear ear protectors. Exposure to noise can cause hearing loss.

Use auxiliary handles supplied with the tool. Loss of control can cause personal injury.

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 shock the operator.

Sawdust and splinters must not be removed while the machine is running.

When working in walls ceiling, or floor, take care to avoid electric cables and gas or waterpipes.

Remove the battery pack before starting any work on the machine.

Do not dispose of used battery packs in the household refuse or by burning them.
Do not store the battery pack together with metal objects (short circuit risk).

Use only CCR18 chargers for charging R18 battery packs. Do not use battery packs from other systems. Battery acid may leak from damaged batteries under extreme load or extreme temperatures. In case of contact with battery acid wash it off immediately with soap and water. In case of eye contact rinse thoroughly for at least 10 minutes and immediately seek medical attention.

SPECIFIED CONDITIONS OF USE

The electronic battery hammer drill/ screwdriver is designed for drilling, percussion drilling, as well as screwdriving for independent use away from mains supply.

Do not use this product in any other way as stated for normal use.

EC-DECLARATION OF CONFORMITY

We declare under our sole responsibility that this product is in conformity with the following standards or standardized documents. EN 60745, EN 55014-1, EN 55014-2, in accordance with the regulations 98/7/EC, 2004/108/ECC

BATTERIES

New battery packs reach full loading capacity after 4 - 5 chargings and dischargings. Battery packs which have not been used for some time should be recharged before use. Temperatures in excess of 50°C (122°F) reduce the performance of the battery pack. Avoid extended exposure to heat or sunshine (risk of overheating).

The contacts of chargers and battery packs must be kept clean.

BATTERY PACK PROTECTION

In extremely high torque, binding, stalling and short circuit situations that cause high current draw, the tool will vibrate for about 2 seconds and then the tool will turn OFF.

To reset, release the trigger.

Under extreme circumstances, the internal temperature of the battery could become too high. If this happens, the battery will shut down.

Place the battery on the charger to charge and reset it.

INTENANCE

Use only Ramset accessories and spare parts. Should components need to be replaced which have not been described, please contact our Ramset National Service Centre.

SYMBOLS



Please read the instructions carefully before starting the machine.



Remove the battery pack before starting any work on the machine.



Do not dispose of electric tools together with household waste material! In observance of European Directive 2002/96/EC on waste electrical and electronic equipment and its implementation in accordance with national law, electric tools that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.



Ramset™

CHDDR18 18V Hammer Drill/Driver Operator's Manual

TWO YEAR WARRANTY

Every Ramset™ 18 Volt Lithium-Ion power tool (including battery charger) is warranted to the original purchaser only to be free from defects in material and workmanship. Subject to certain exceptions, Ramset™ will repair or replace any part on a 18 Volt Lithium-Ion power tool which, after examination, is determined by Ramset™ to be defective in material or workmanship for a period of two (2) years* after the date of purchase. Return the 18 Volt Lithium-Ion power tool and a copy of proof of purchase to the Ramset™ National Service Centre, freight prepaid and insured, as requested for this warranty to be effective. This warranty does not apply to damage that Ramset™ determines to be from repairs made or attempted by anyone other than Ramset™ authorized personnel, misuse, alterations, abuse, normal wear and tear, lack of maintenance, or accidents.

*The warranty period for Li-Ion battery packs is two (2) years from the date of purchase.

ACCEPTANCE OF THE EXCLUSIVE REPAIR AND REPLACEMENT REMEDIES DESCRIBED HEREIN IS A CONDITION OF THE CONTRACT FOR THE PURCHASE OF EVERY Ramset™ PRODUCT. IF YOU DO NOT AGREE TO THIS CONDITION, YOU SHOULD NOT PURCHASE THE PRODUCT. IN NO EVENT SHALL Ramset™ BE LIABLE FOR ANY INCIDENTAL, SPECIAL, CONSEQUENTIAL OR PUNITIVE DAMAGES, OR FOR ANY COSTS, ATTORNEY FEES, EXPENSES, LOSSES OR DELAYS ALLEGED TO BE AS A CONSEQUENCE OF ANY DAMAGE TO, FAILURE OF, OR DEFECT IN ANY PRODUCT INCLUDING, BUT NOT LIMITED TO, ANY CLAIMS FOR LOSS OF PROFITS. THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES OR CONDITIONS, WRITTEN OR ORAL, EXPRESSED OR IMPLIED. WITHOUT LIMITING THE GENERALITY OF THE FOREGOING, Ramset™ DISCLAIMS ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, AND ALL OTHER WARRANTIES.

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