Nothing but **HEAVY DUTY.**™



M18 BLH
M18 BLHX

Original instructions

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Symbols



Please read the instructions carefully before starting the machine.



CAUTION! WARNING! DANGER!



Always wear goggles when using the machine.



Wear ear protectors!



Wear a suitable dust protection mask.



Wear gloves!



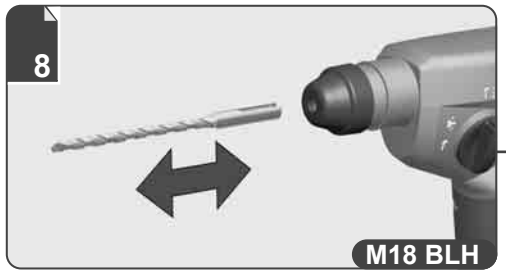
The anti-vibration system reduces machine vibrations on the handle.

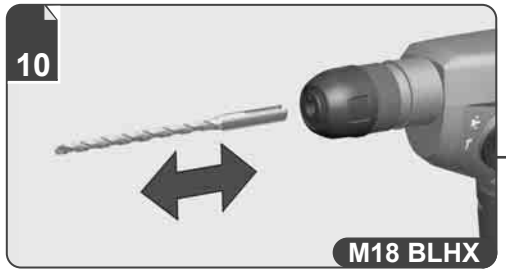


Accessory - Not included in standard equipment, available as an accessory.

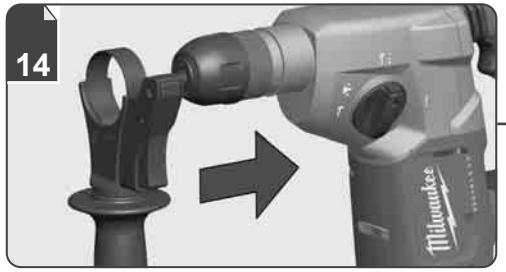
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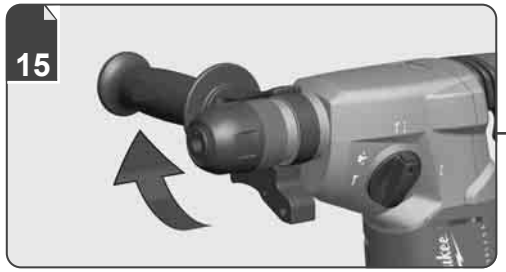
	M18 BLH	M18 BLHX
Production code	4837 25 03 XXXXXX MJJJJ	4837 35 03 XXXXXX MJJJJ
Battery voltage	18 V ⎓	18 V ⎓
Single impact energy	2,3 J	2,3 J
No-load speed	0-1400 min^{-1}	0-1400 min^{-1}
Rate of percussion under load	0-4900 min^{-1}	0-4900 min^{-1}
Chuck neck diameter	43 mm	43 mm
Drilling capacity in concrete	26 mm	26 mm
Drilling capacity in steel	13 mm	13 mm
Drilling capacity in wood	28 mm	28 mm
Light core cutter in bricks and limestone	65 mm	65 mm
Weight according EPTA-Procedure 01/2014 (2.0 Ah ... 12.0 Ah)	3,1 kg ... 4,1 kg	3,3 kg ... 4,3 kg
Recommended ambient operating temperature	-18...+50 °C	
Recommended battery types	M18B...; M18HB...; M18FB...	
Recommended charger	M12-18...; M1418...; M18...	
Noise Information: Measured values determined according to EN 62841. Typically, the A-weighted noise levels of the tool are:		
Sound pressure level / Uncertainty K	93,7 dB(A) / 3 dB(A)	93,7 dB(A) / 3 dB(A)
Sound power level / Uncertainty K	101,7 dB(A) / 3 dB(A)	101,7 dB(A) / 3 dB(A)
Wear ear protectors.		
Vibration Information: Total vibration values (vector sum in the three axes) determined according to EN 62841. Vibration emission value a_h / Uncertainty K		
Hammer-drilling in concrete ($a_{h,HD}$)	14,9 m/s^2 / 1,5 m/s^2	14,9 m/s^2 / 1,5m/s^2
Chiselling ($a_{h,Cheq}$)	12,7 m/s^2 / 1,5m/s^2	12,7 m/s^2 / 1,5 m/s^2

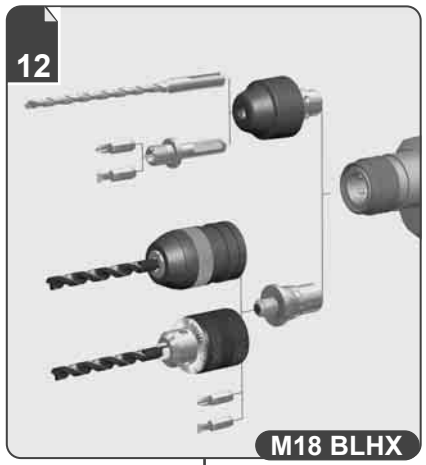

8
M18 BLH


10
M18 BLHX

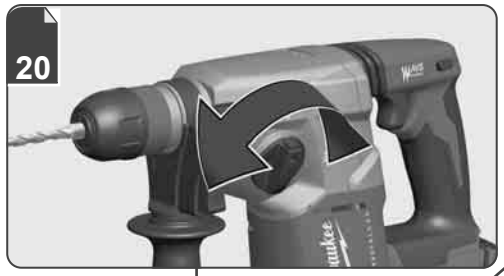

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X

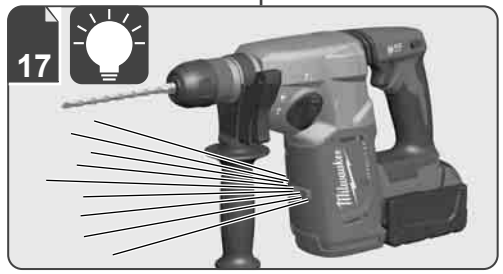

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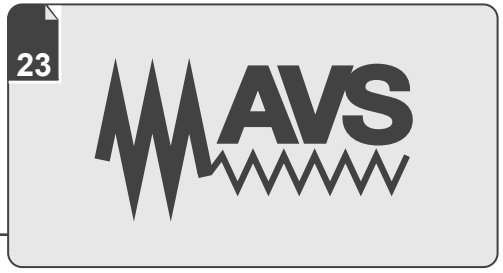

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12
M18 BLHX


Milwaukee
BRUSHLESS

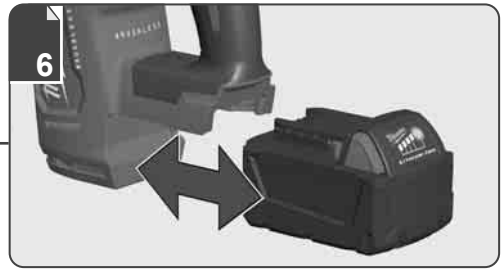

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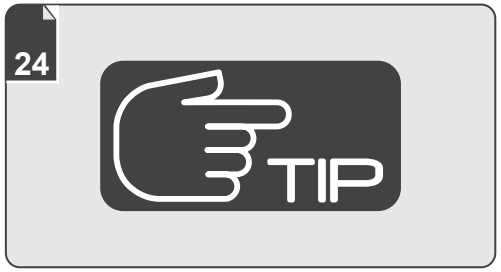

17


23
AVS


22


18
STOP
START

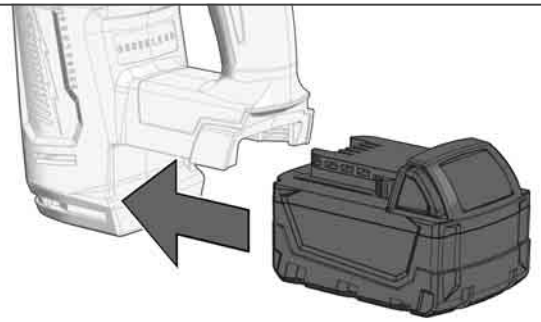

6


24
TIP



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

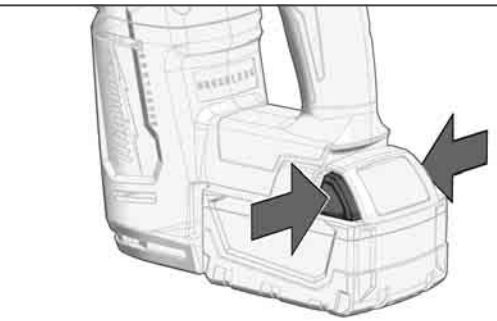
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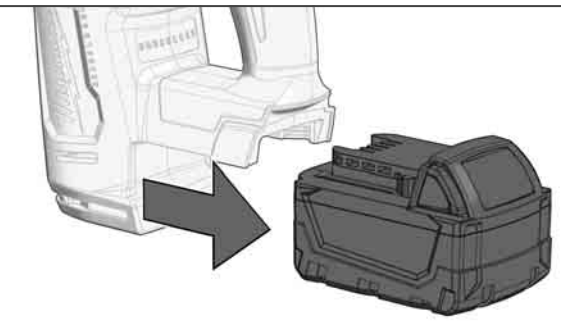
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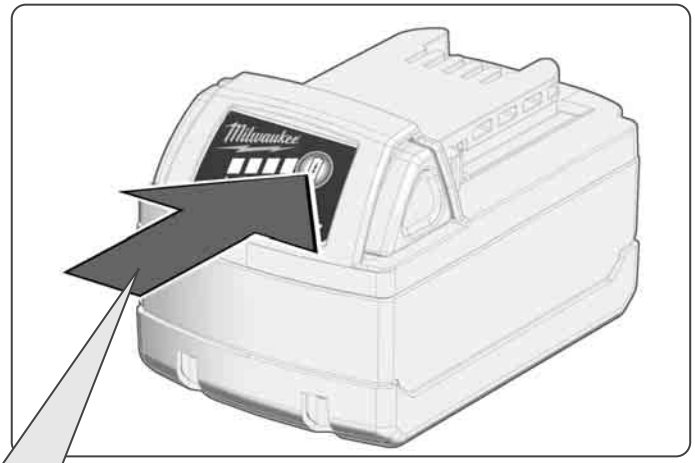


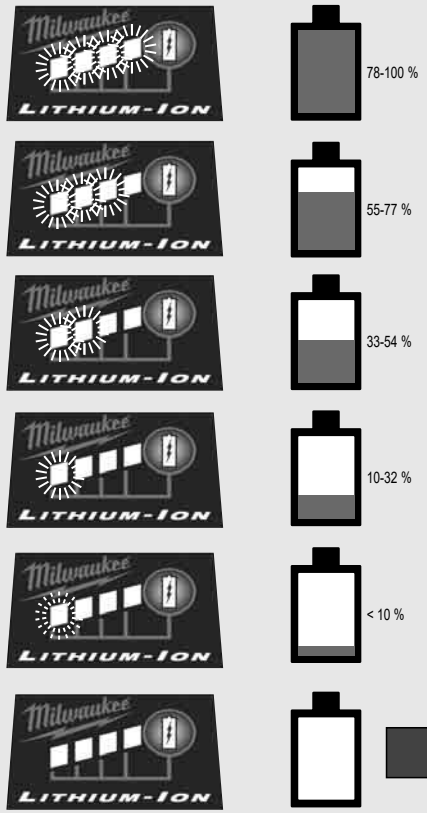
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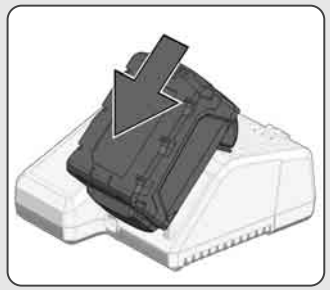


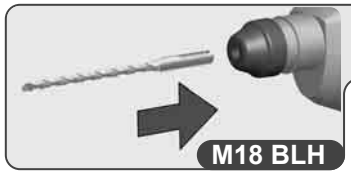
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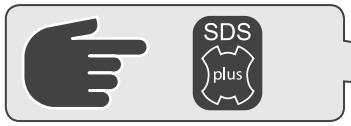




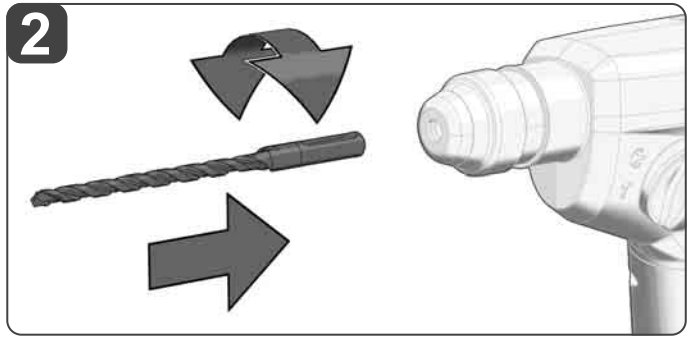


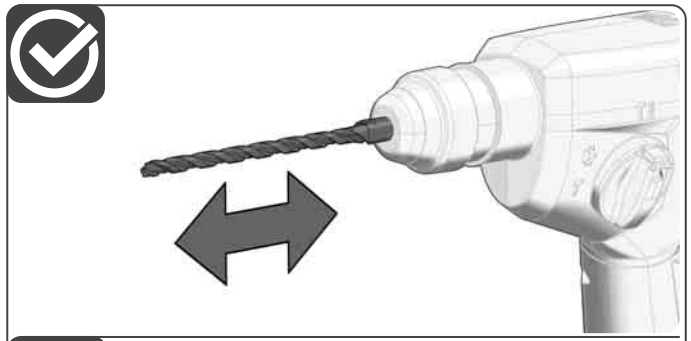


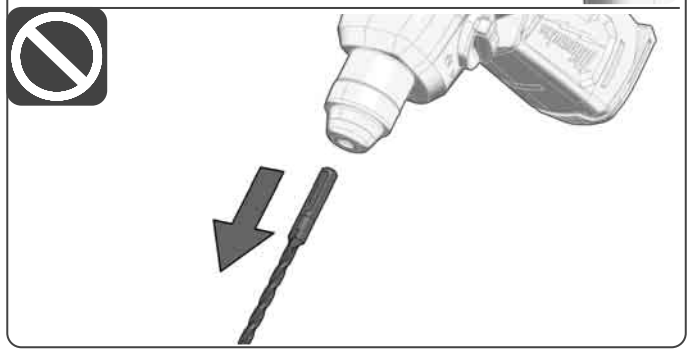

M18 BLH


SDS
plus

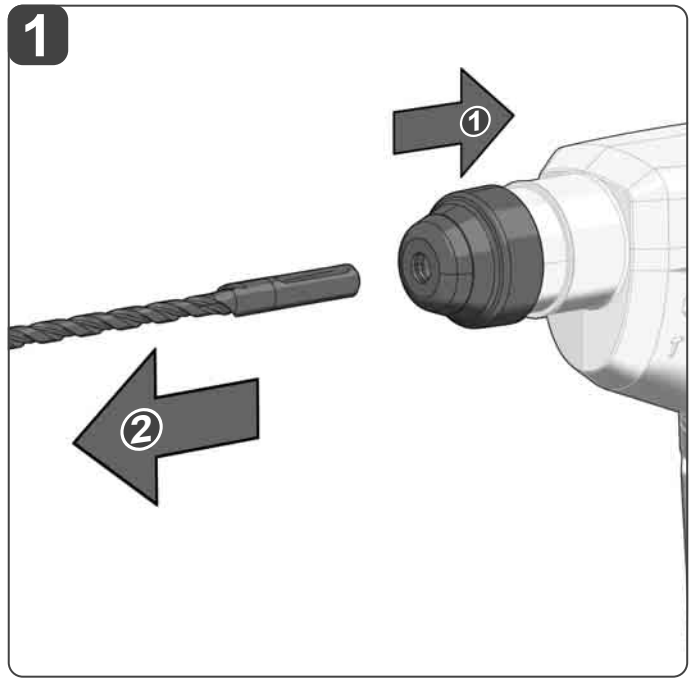

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GREASE


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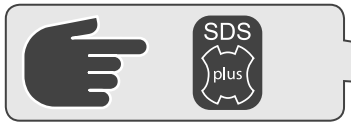


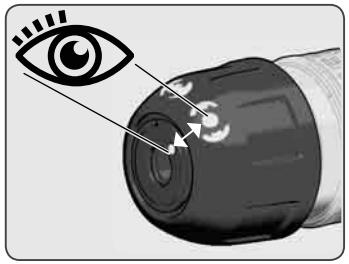


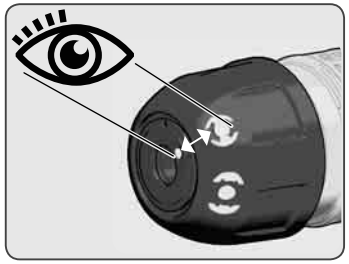

M18 BLH


1
①
②





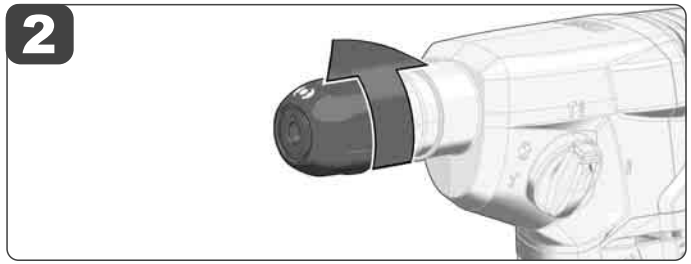




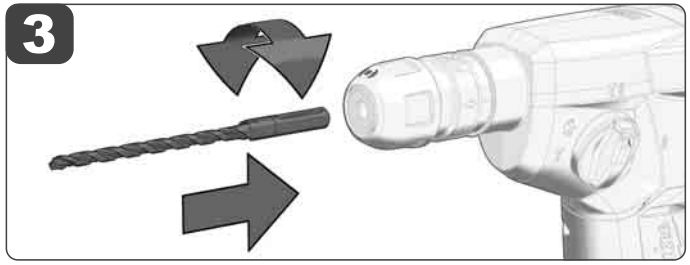
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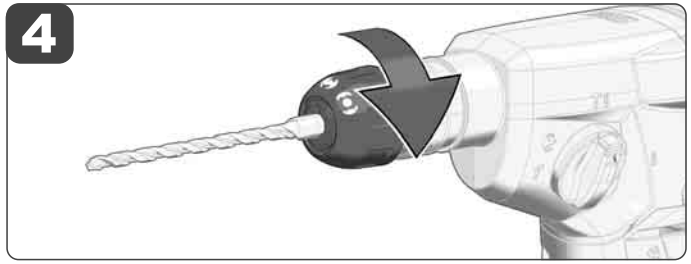
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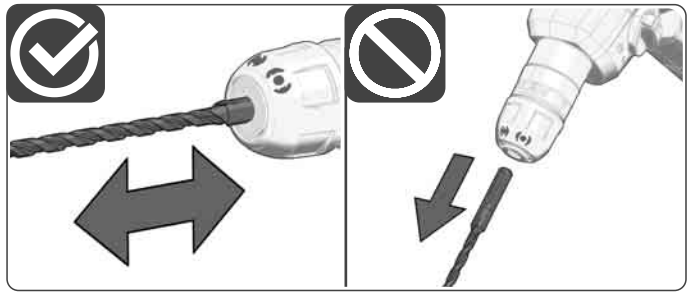


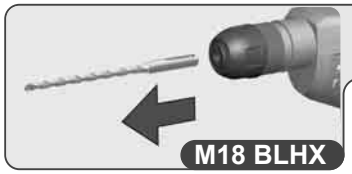
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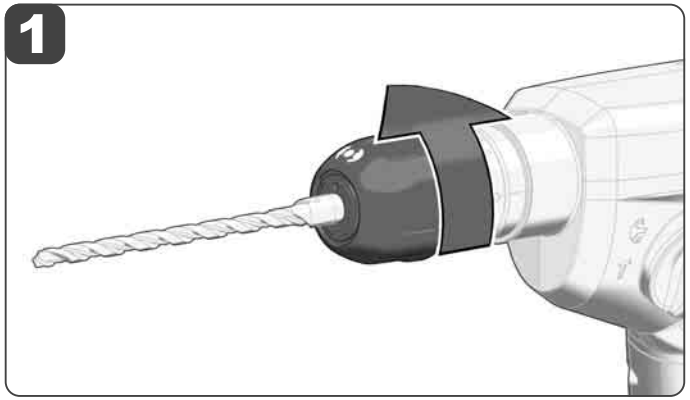
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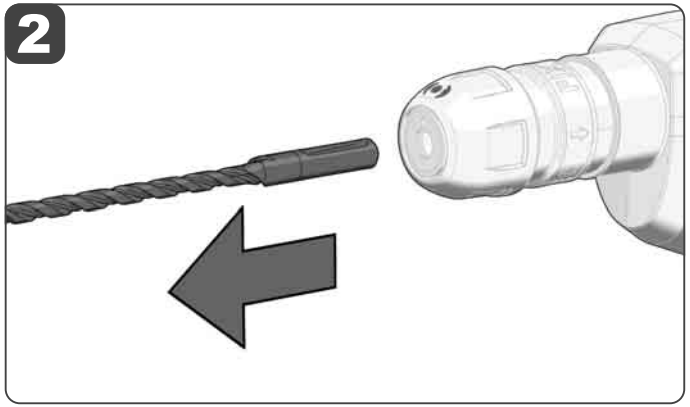




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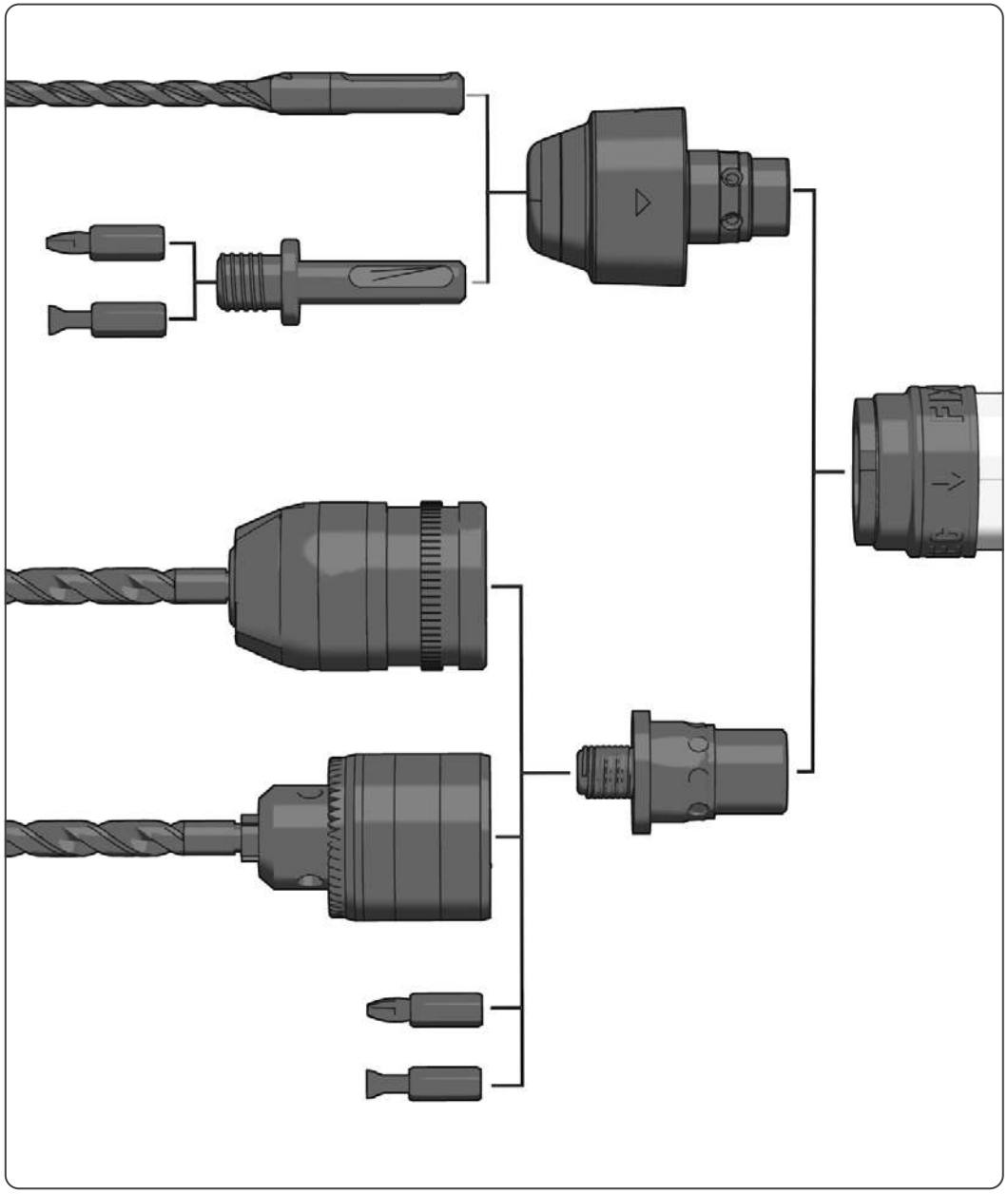


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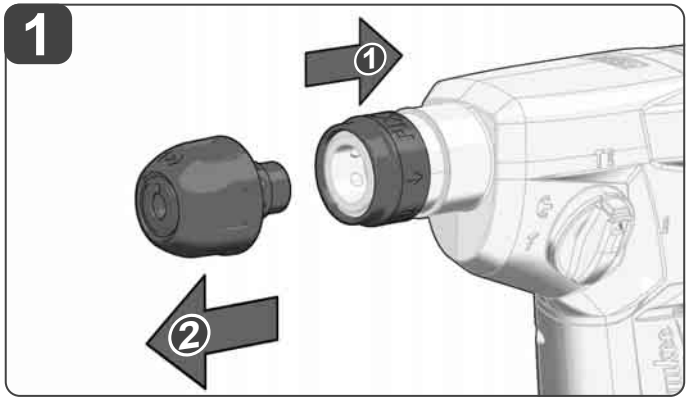


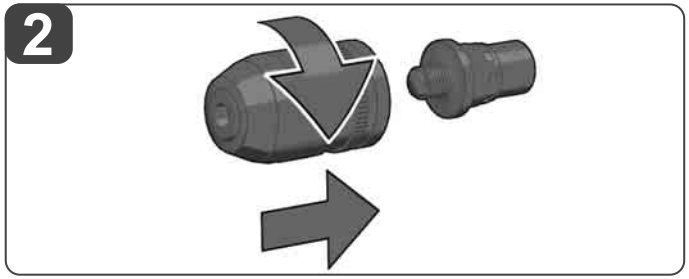
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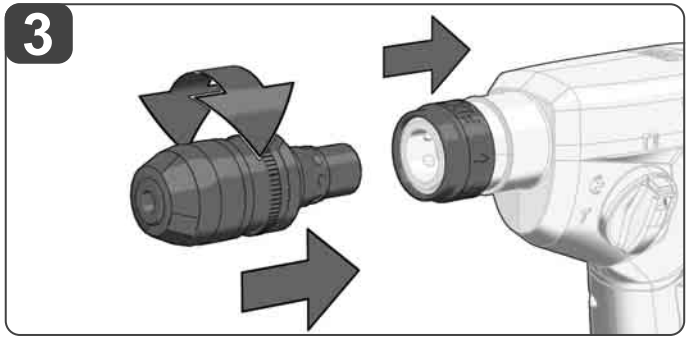
M18 BLHX

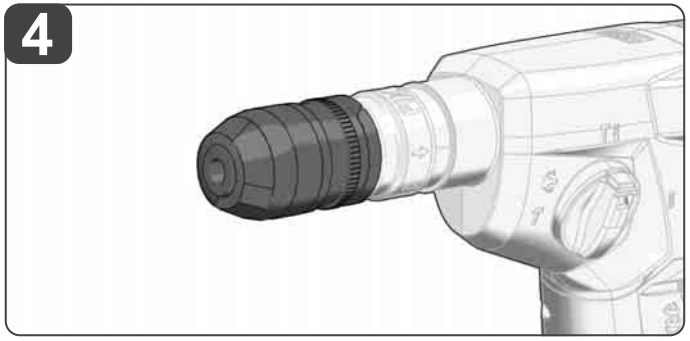






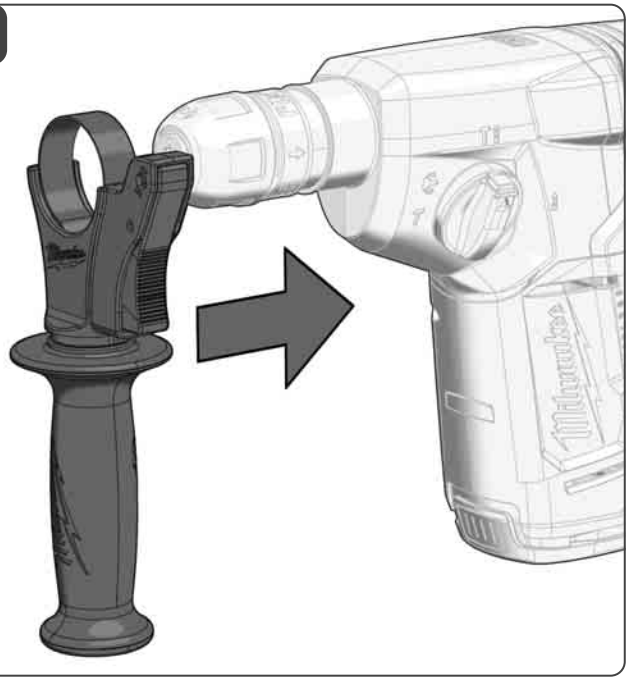








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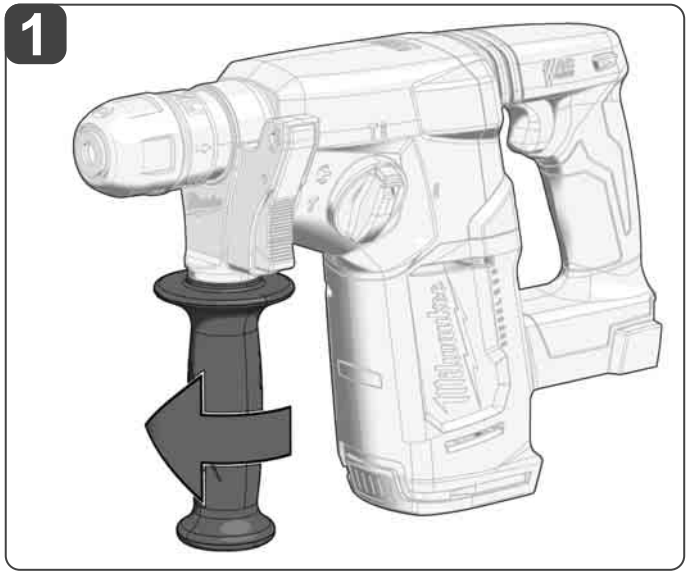


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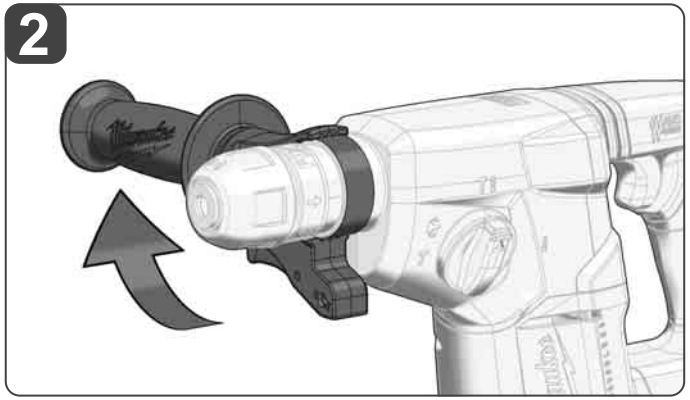




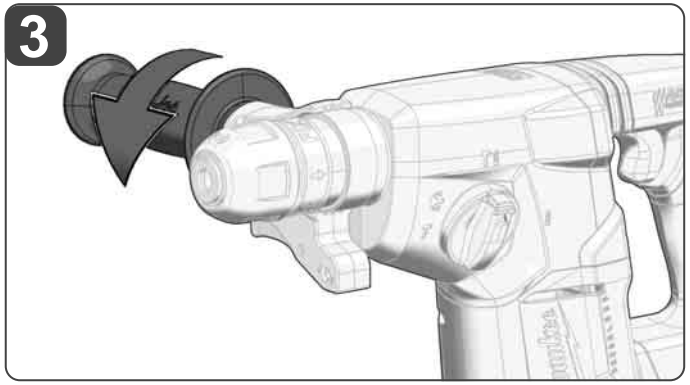
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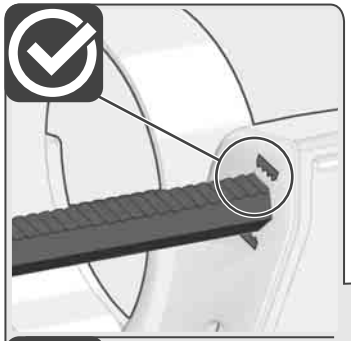
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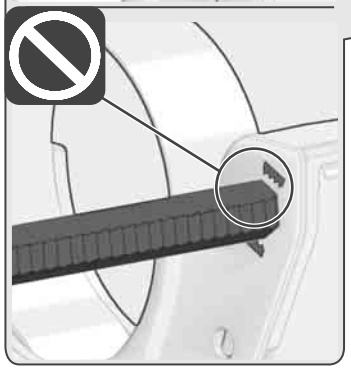


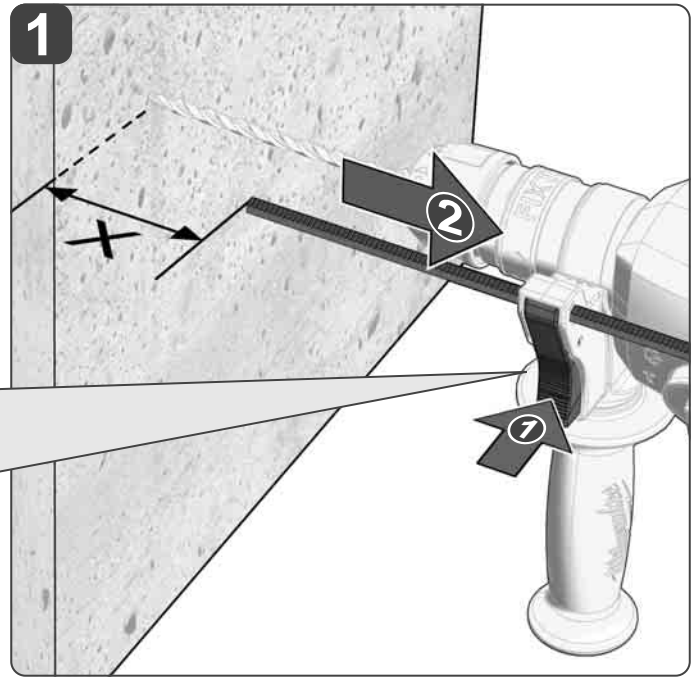
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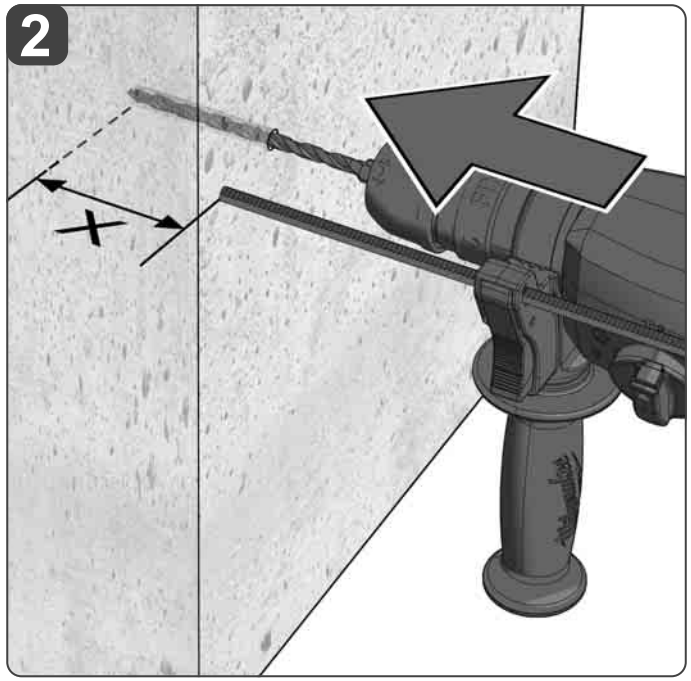


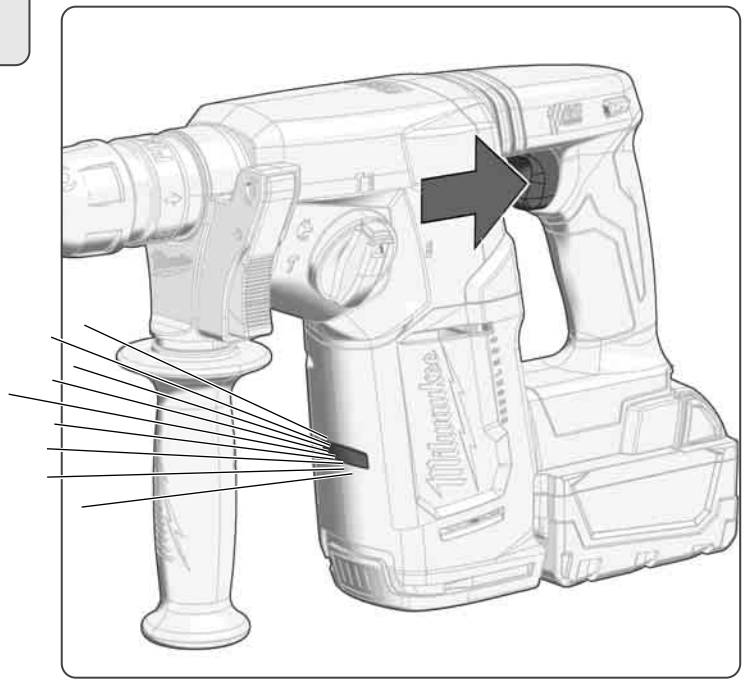

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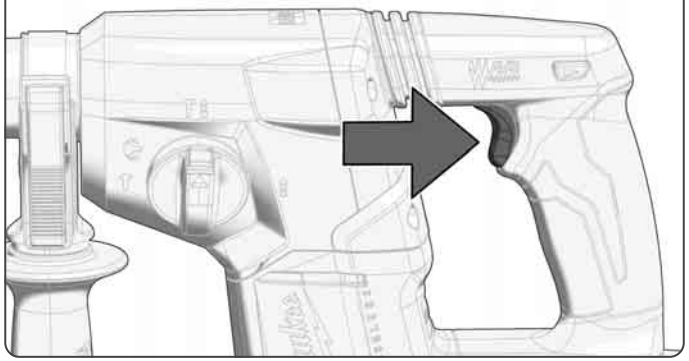

1
X
2
7

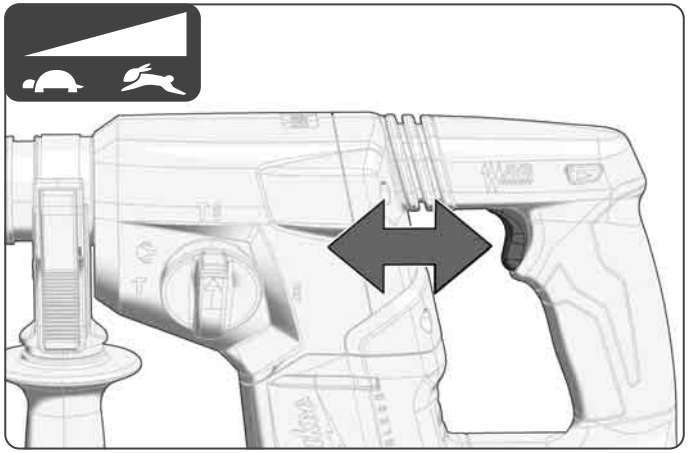

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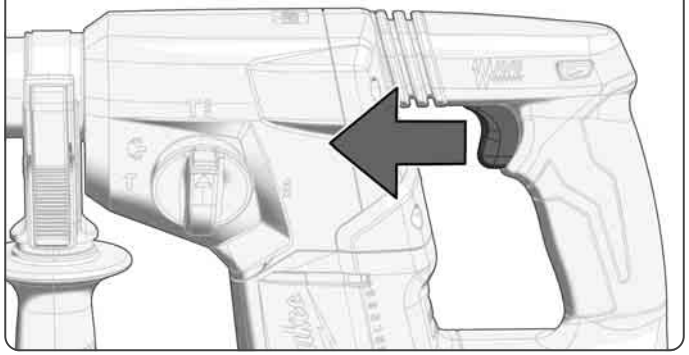


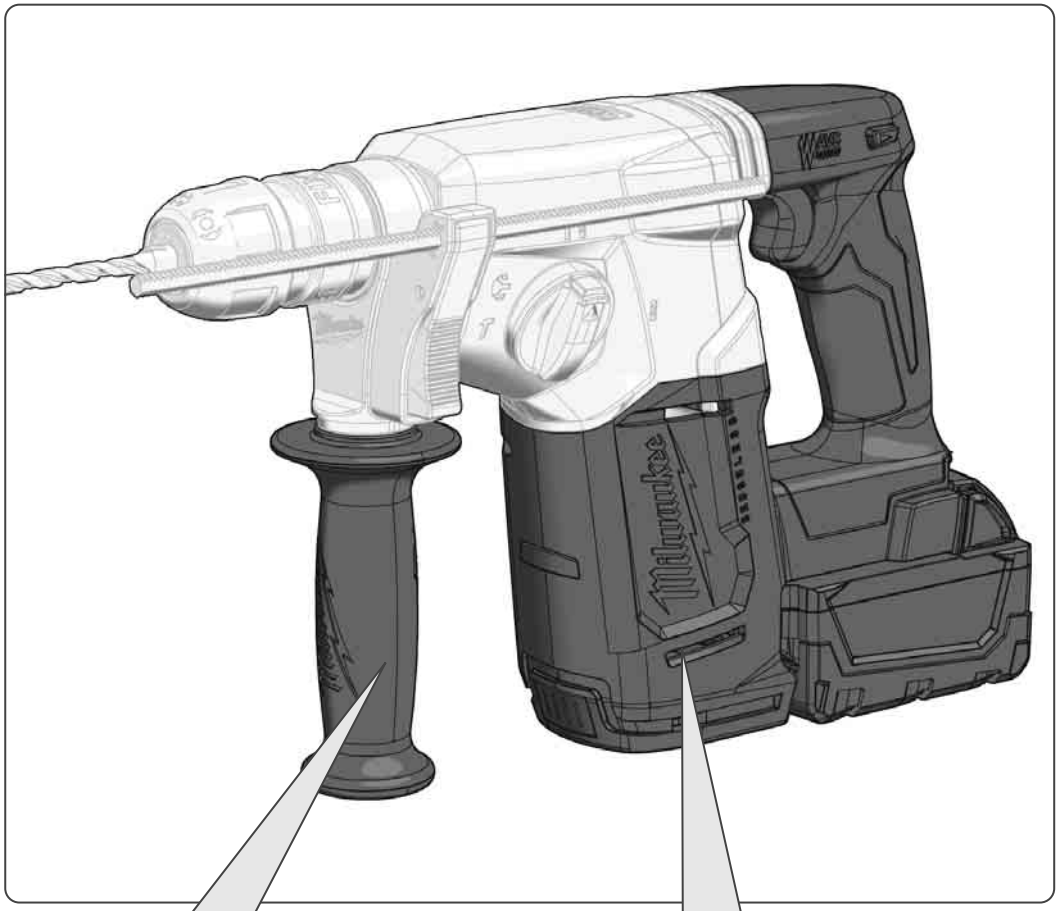
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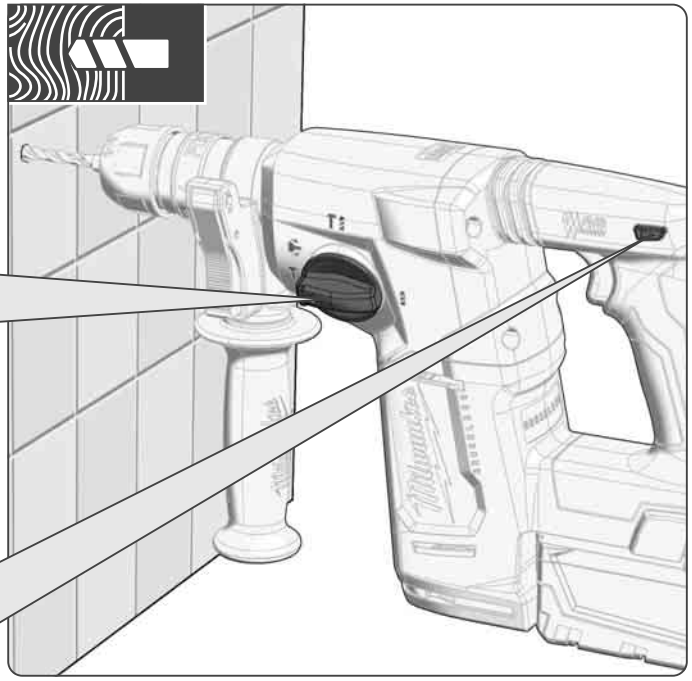


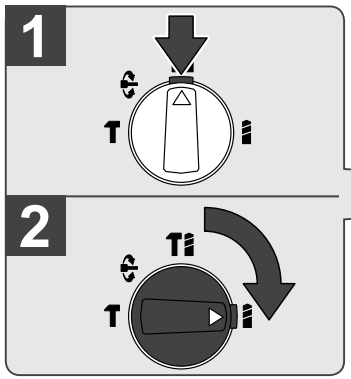
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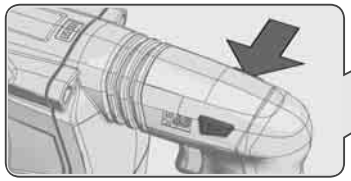




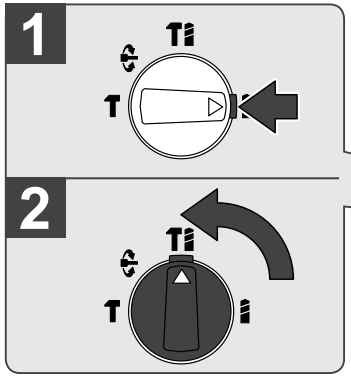


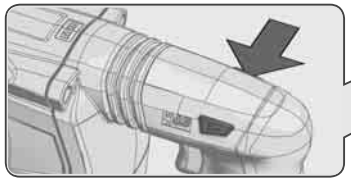


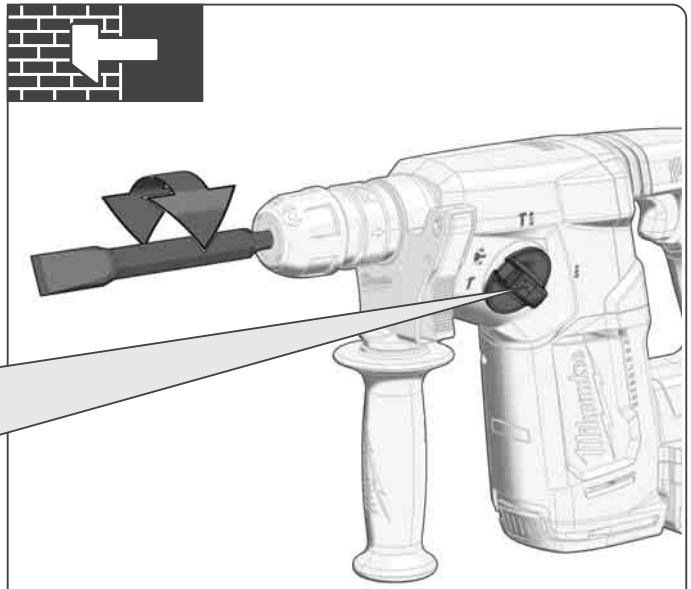

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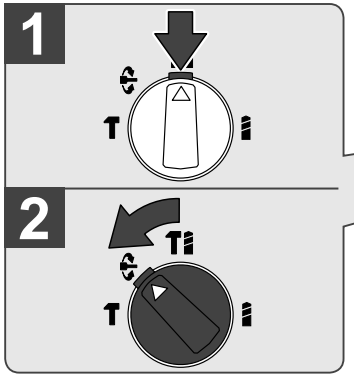


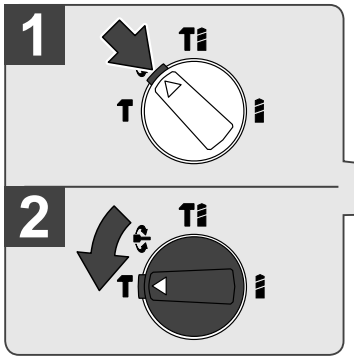


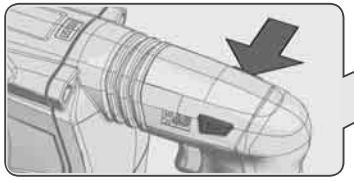

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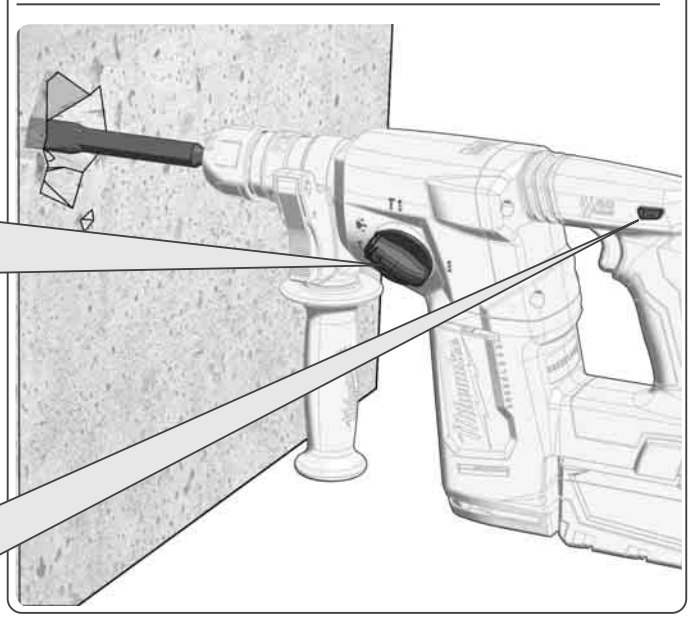





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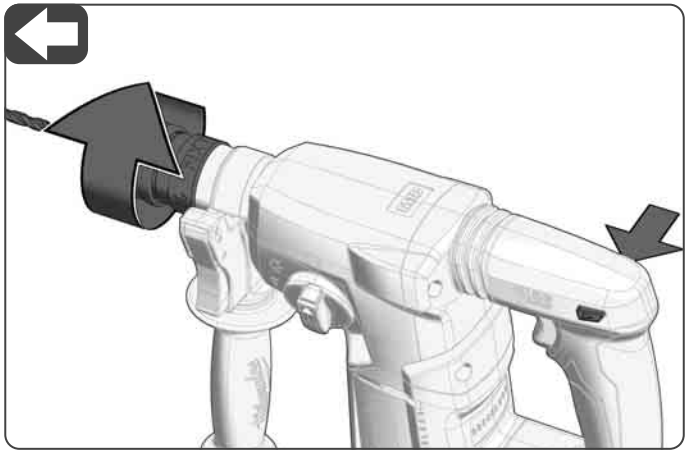

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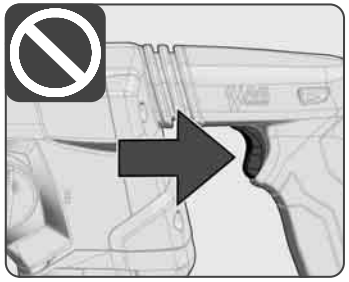


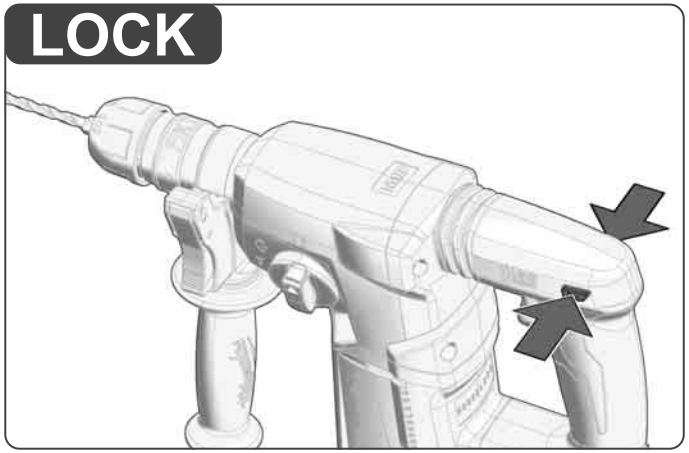


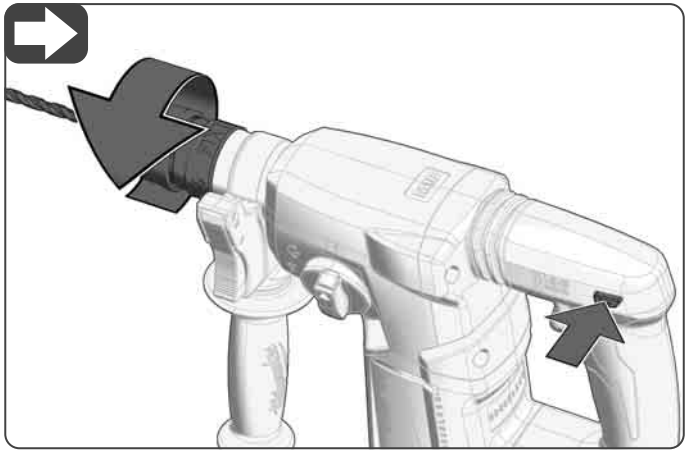


Only operate the forward or reverse switch until the the machine comes to a complete stop.

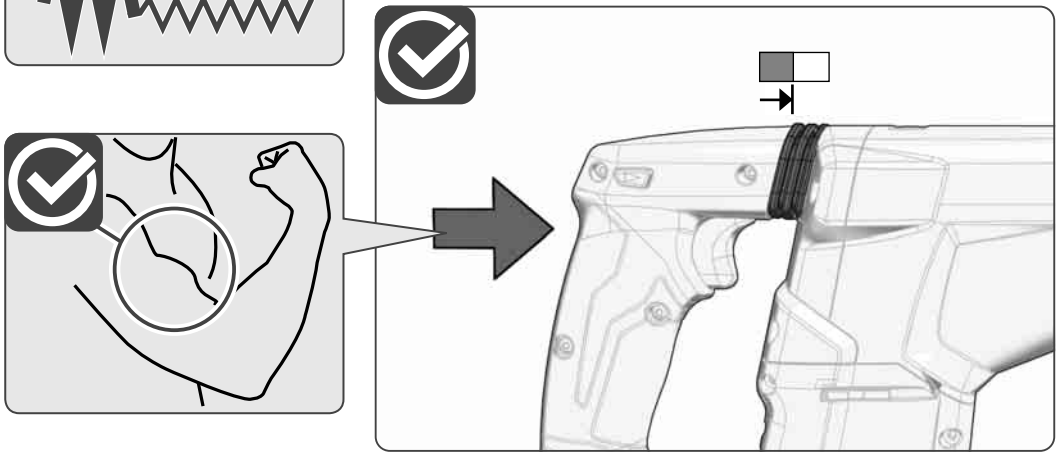


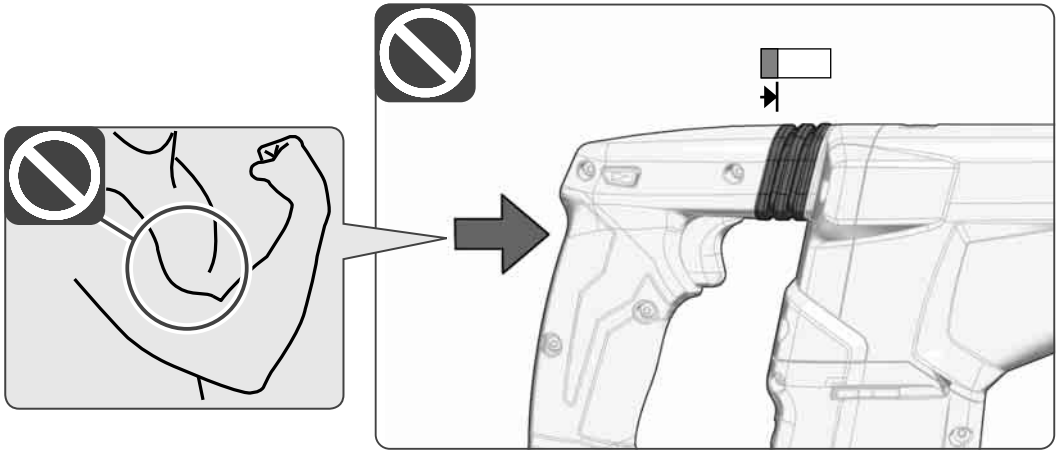


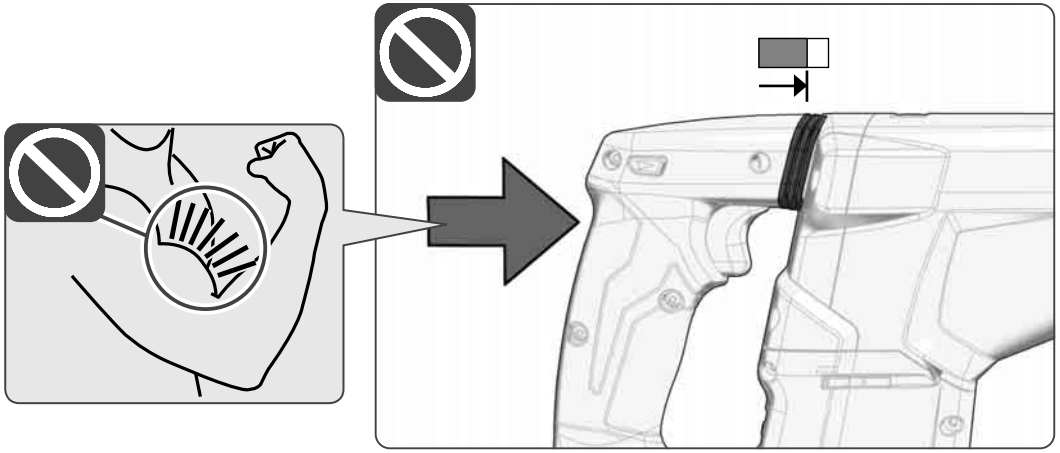


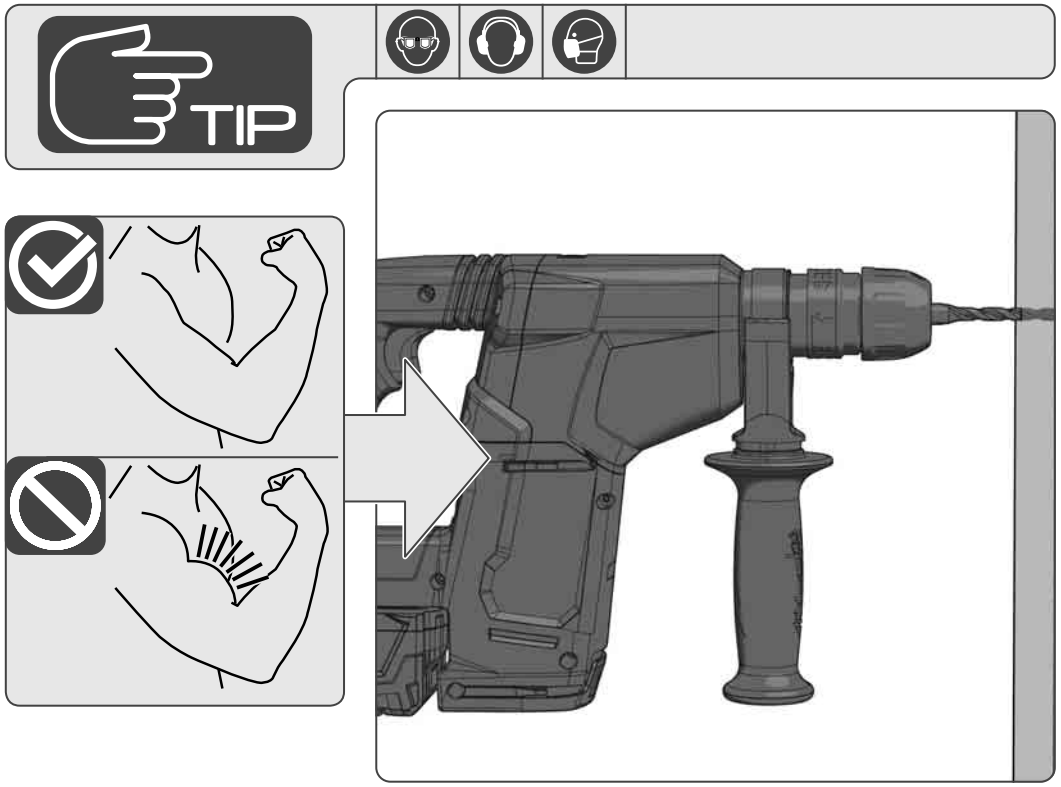


AVS









ENGLISH

⚠ 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.

⚠ WARNING The vibration and noise emission level given in this information sheet has been measured in accordance with a standardized test given in EN 62841 and may be used to compare one tool with another. It may be used for a preliminary assessment of exposure.

The declared vibration and noise 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 and noise emission may differ. This may significantly increase the exposure level over the total working period.

An estimation of the level of exposure to vibration and noise 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 and/or noise such as: maintain the tool and the accessories, keep the hands warm, organization of work patterns.

TYPE

M18 BLH	Cordless Rotary Hammer
M18 BLHX	Cordless Rotary Hammer

HAMMER SAFETY WARNINGS

Safety instructions for all operations

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

Use auxiliary handle(s), if supplied with the tool. Loss of control can cause personal injury.

Hold the power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring. Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.

Safety instructions when using long drill bits with rotary hammer

Always start drilling at low speed and with the bit tip in contact with the workpiece. At higher speeds, the bit is likely to bend if allowed to rotate freely without contacting the workpiece, resulting the personal injury.

Apply pressure only in direct line with the bit and do not apply excessive pressure. Bits can bend causing breakage or loss of control, resulting in personal injury.

ADDITIONAL SAFETY AND WORKING INSTRUCTIONS

Do not machine any materials that present a danger to health (e.g. asbestos).

The insertion tool is sharp-edged and can become hot during use.

WARNING! Danger of cuts and burns
- when handling the insertion tools
- when setting the device down.

Chips 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.

Clamp your workpiece with a clamping device. Unclamped workpieces can cause severe injury and damage.

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. Milwaukee Distributors offer to retrieve old batteries to protect our environment.

Do not store the battery together with metal objects (short circuit risk).

Use only compatible Milwaukee chargers from the same battery platform for charging batteries. Do not use batteries from other systems.

Never break open batteries and chargers and store only in dry rooms. Keep dry at all times.

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.

WARNING This device contains a lithium button/coin cell battery. A new or used battery can cause severe internal burns and lead to death in as little as 2 hours if swallowed or enters the body. Always secure the battery cover. If it does not close securely, stop using the device, remove the batteries, and keep it away from children. If you think batteries may have been swallowed or entered the body, seek immediate medical attention.

Warning! To reduce the risk of fire, personal injury, and product damage due to a short circuit, never immerse your tool, battery pack or charger in fluid or allow a fluid to flow inside them. Corrosive or conductive fluids, such as seawater, certain industrial chemicals, and bleach or bleach containing products, etc., can cause a short circuit.

SPECIFIED CONDITIONS OF USE

The battery rotary pneumatic hammer can be used for hammer drilling and drilling in wood, metal as well as plastic for independent use away from mains supply.

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

NOTES FOR LI-ION BATTERIES

Use of Li-Ion batteries

Battery packs which have not been used for some time should be recharged before use.

Temperatures in excess of 50°C reduce the performance of the battery. Avoid extended exposure to heat or sunshine (risk of overheating).

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

For an optimum life-time, the batteries have to be fully charged, after used.

To obtain the longest possible battery life remove the battery from the charger once it is fully charged.

For battery storage longer than 30 days:
Store the battery where the temperature is below 27°C and away from moisture.
Store the battery in a 30% - 50% charged condition.
Every six months of storage, charge the battery as normal.

Battery protection for Li-Ion batteries

In extremely high torque, binding, stalling and short circuit situations that cause high current draw, the tool will vibrate for about 5 seconds, the fuel gauge will flash,and then the tool will turn OFF. To reset, release the trigger.
Under extreme circumstances, the internal temperature of the battery pack could raise too much. If this happens, the fuel gauge will flash until the battery pack cooled down. After the lights go off, the work may continue.

Transport of Li-Ion batteries

Lithium-ion batteries are subject to the Dangerous Goods Legislation requirements.

Transportation of those batteries has to be done in accordance with local, national and international provisions and regulations.

- The user can transport the batteries by road without further requirements.
- Commercial transport of Lithium-Ion batteries by third parties is subject to Dangerous Goods regulations. Transport preparation and transport are exclusively to be carried out by appropriately trained persons and the process has to be accompanied by corresponding experts.

When transporting batteries:

- Ensure that battery contact terminals are protected and insulated to prevent short circuit.
- Ensure that battery pack is secured against movement within packaging.
- Do not transport batteries that are cracked or leak.

Check with forwarding company for further advice.

WORKING INSTRUCTIONS

Do not force too much when drilling or hammering. Let the rotary hammer do the work for you.

WORK WHEN IT'S COLD

If the tool is stored for a long period of time or at cold temperatures, the lubrication may become stiff and the tool may not working initially or the working may be weak. If this happens:

1. Insert a drillbit into the tool.
2. Run the tool against a scrap piece of concrete.
3. Pull and release the trigger every few seconds.

After 15 seconds to 2 minutes, the tool will start hammering normally. The colder the tool is, the longer it will take to warm up.

CLEANING

The ventilation slots of the machine must be kept clear at all times.

MAINTENANCE

Important note! If the carbon brushes are worn, in addition to exchanging the brushes the tool should be sent to after-sales service. This will ensure long service life and top performance.

Use only Milwaukee accessories and Milwaukee spare parts. Should components need to be replaced which have not been described, please contact one of our Milwaukee service agents (see our list of guarantee/service addresses).

If needed, an exploded view of the tool can be ordered. Please state the machine type printed as well as the six-digit No. on the label and order the drawing at your

local service agents or directly at: Techtronic Industries GmbH, Max-Eyth-Straße 10, 71364 Winnenden, Germany.

DISPOSAL



Do not dispose of waste batteries, waste electrical and electronic equipment as unsorted municipal waste. Waste batteries and waste electrical and electronic equipment must be collected separately. Waste batteries, waste accumulators and light sources have to be removed from equipment.
Check with your local authority or retailer for recycling advice and collection point.
According to local regulations retailers may have an obligation to take back waste batteries and Waste electrical and electronic equipment free of charge.
Your contribution to re-use and recycling of waste batteries and waste electrical and electronic equipment helps to reduce the demand of raw materials.
Waste batteries, in particular containing lithium and waste Electrical and electronic equipment contain valuable, recyclable materials, which can adversely impact the environment and the human health, if not disposed of in an environmentally compatible manner.
Delete personal data from waste equipment, if any.

EC DECLARATION OF CONFORMITY

We declare as the manufacturer under our sole responsibility that the product described under “Technical Data” fulfills all the relevant regulations and directives listed below and that the following harmonized standards have been used.

2011/65/EU (RoHS)
2014/30/EU
2006/42/EC

EN 62841-1:2015+A11:2022
EN 62841-2-1:2018+A12:2022+A1:2022
EN IEC 55014-1:2021
EN IEC 55014-2:2021
EN IEC 63000:2018

Winnenden, 2024-12-09

Martin Landherr
Managing Director

Authorized to compile the technical file

Techtronic Industries GmbH
Max-Eyth-Straße 10
71364 Winnenden
Germany

GB-DECLARATION OF CONFORMITY

We declare as the manufacturer under our sole responsibility that the product described under “Technical Data” fulfills all the listed below relevant regulations and that the following designated standards have been used.

S.I. 2008/1597 (as amended)
S.I. 2016/1091 (as amended)
S.I. 2012/3032 (as amended)

EN 62841-1:2015+A11:2022
EN 62841-2-1:2018+A12:2022+A1:2022
EN IEC 55014-1:2021
EN IEC 55014-2:2021
EN IEC 63000:2018

Winnenden, 2024-12-09

Martin Landherr
Managing Director

Authorized to compile the technical file:

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