

AEG

BSB18C2

Original instructions

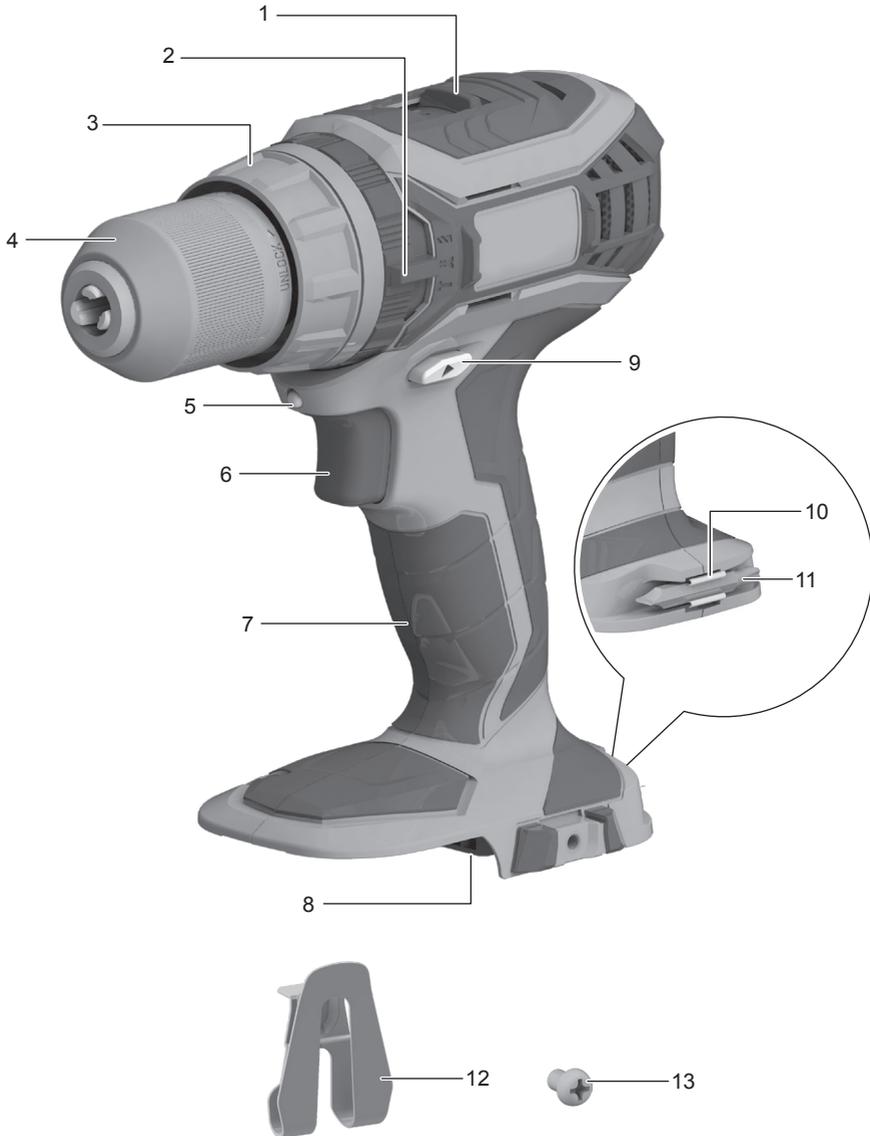
Important!

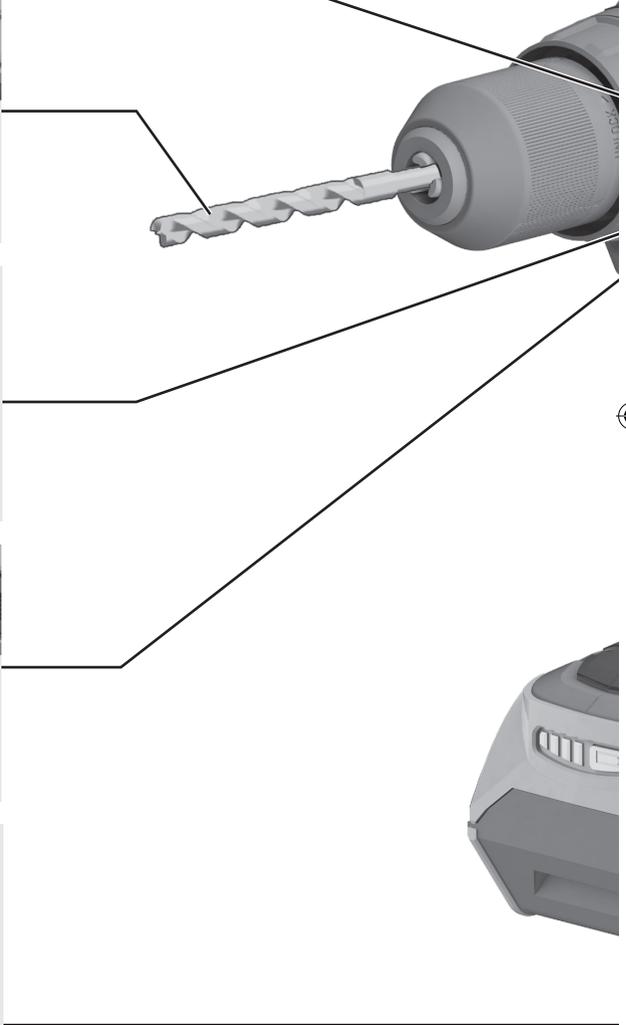
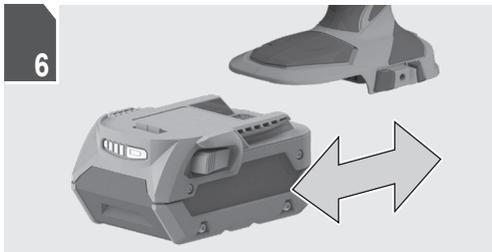
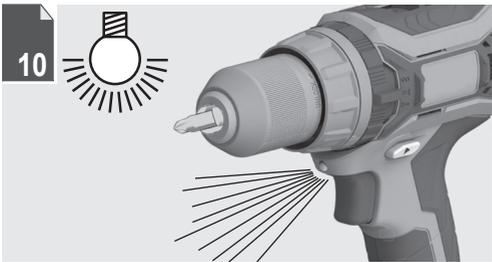
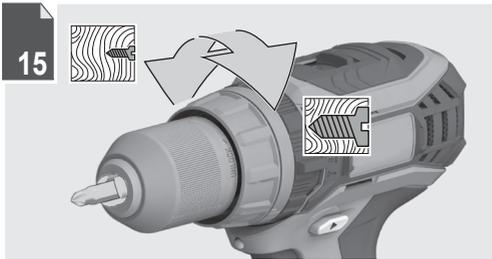
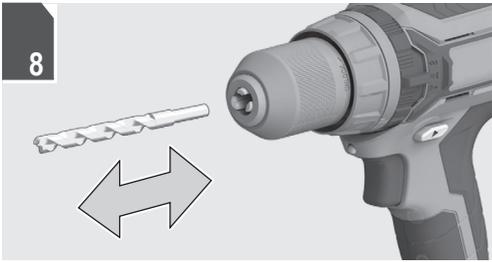
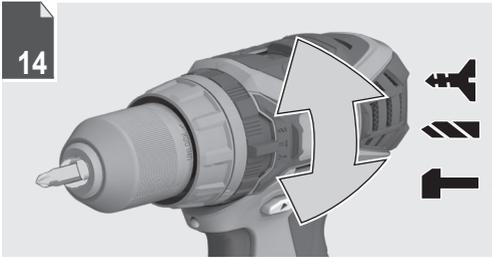
It is essential that you read the instructions in this manual before assembling, operating and maintaining the product.

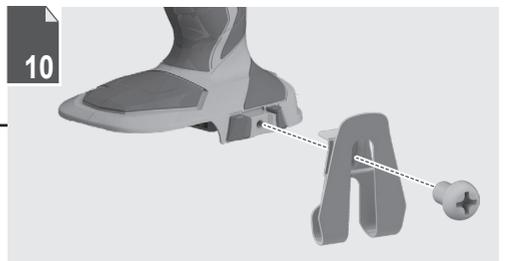
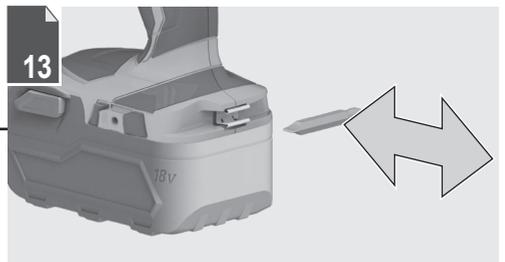
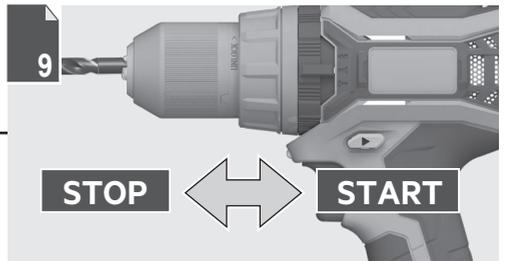
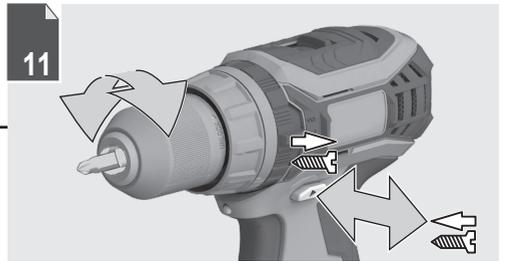
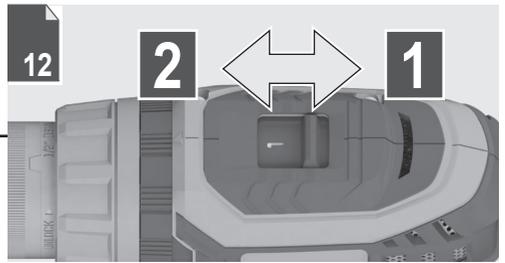
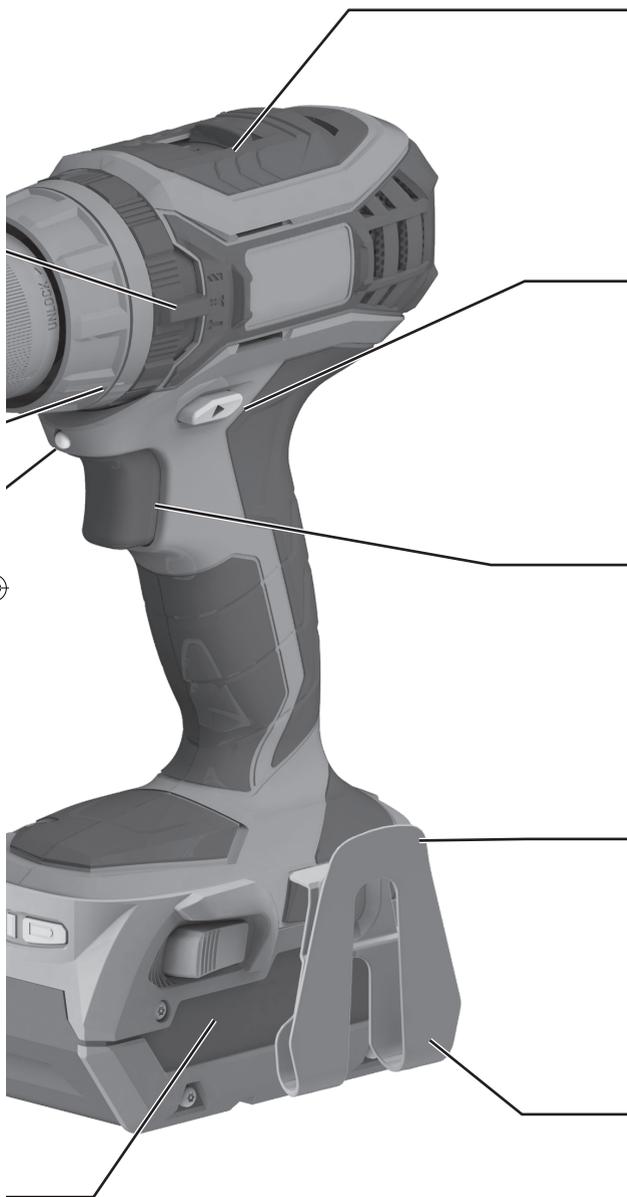
Subject to technical modifications.

1. Speed / torque selector
2. Mode selector
3. Torque adjustment ring
4. Keyless chuck
5. LED light
6. Variable speed switch trigger
7. Handle, insulated gripping surface

8. Battery port
9. Direction of rotation selector
10. Bit storage
11. Screw driver bit
- 12.
- 13.

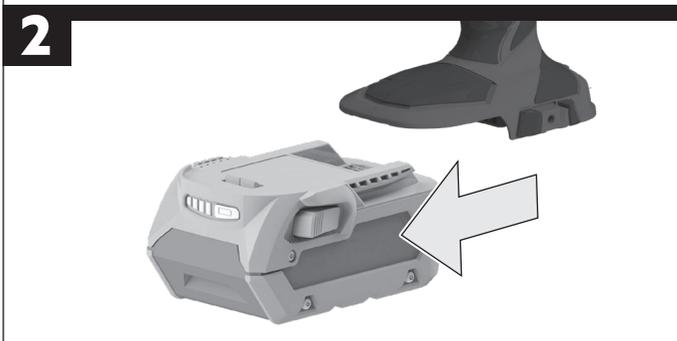
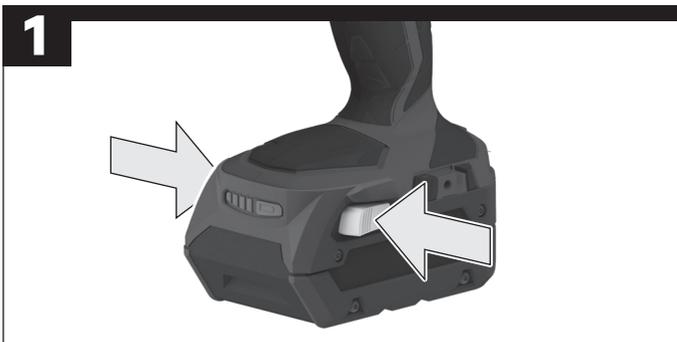
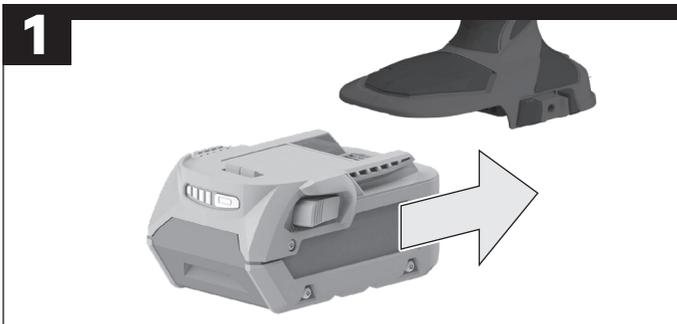


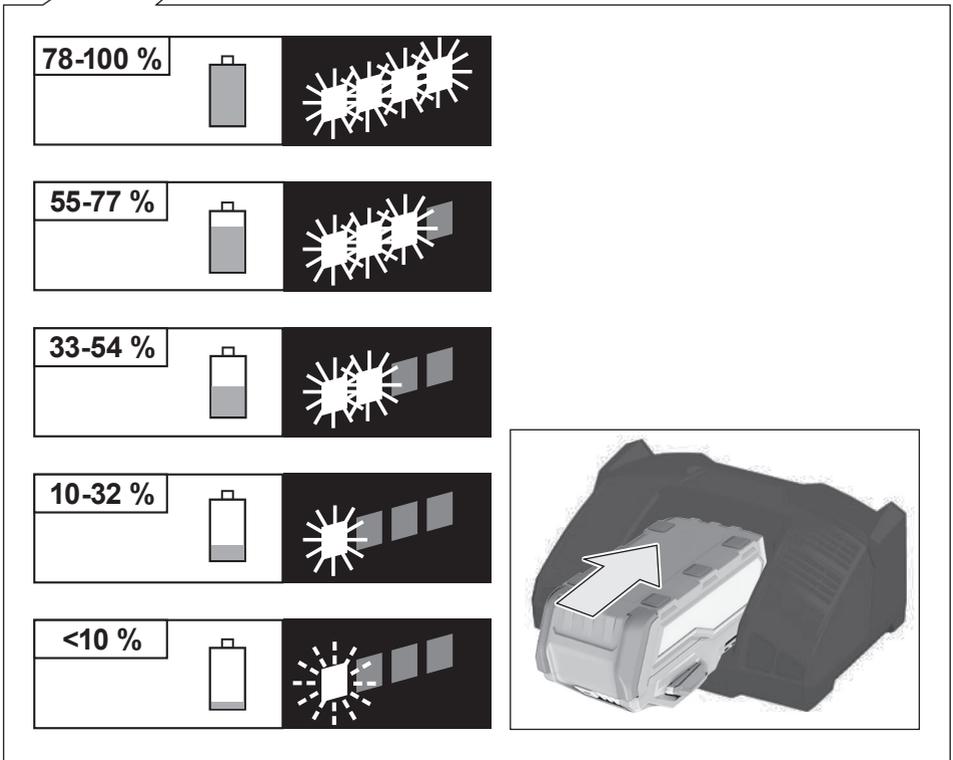
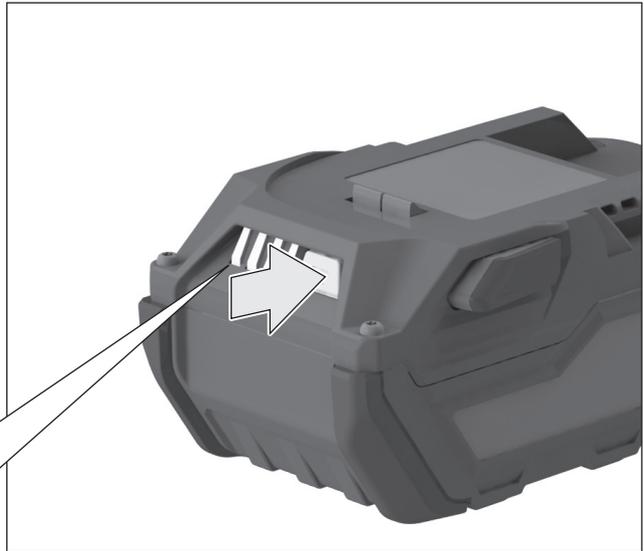


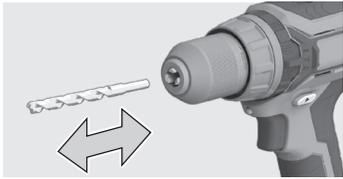




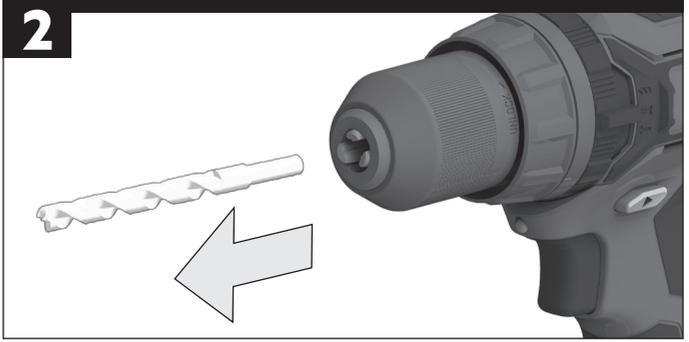
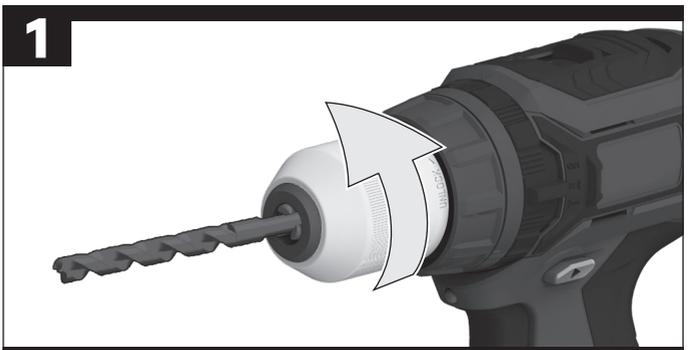
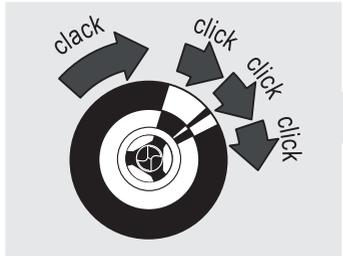
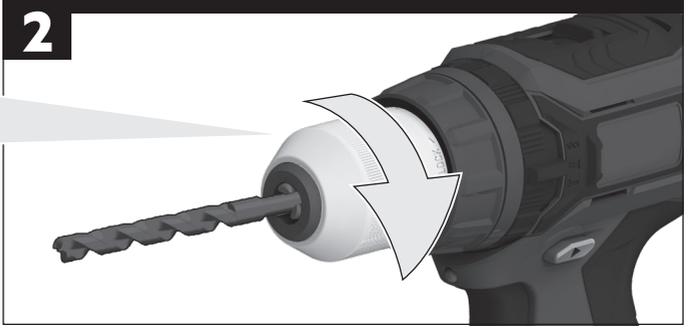
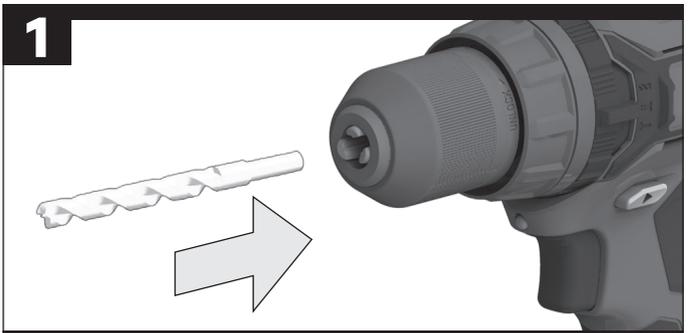
Remove the battery pack before starting any work on the machine.

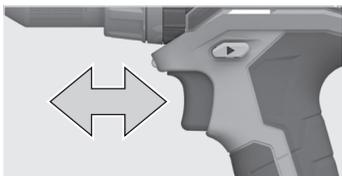






Remove the battery pack before starting any work on the machine.



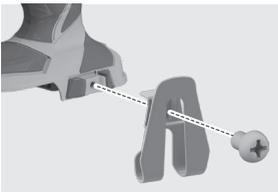
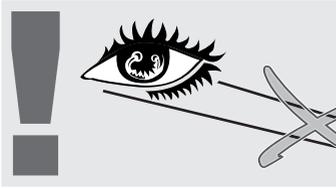


START

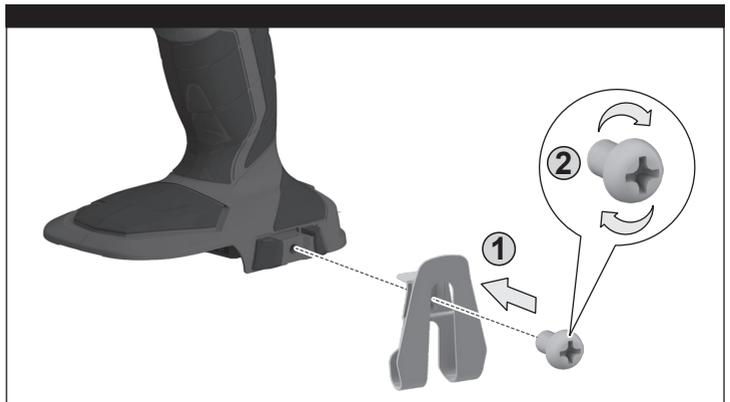
A side-view illustration of the power tool. The trigger is in its forward position. A white arrow points to the right from the trigger, indicating the tool is in the 'START' position.

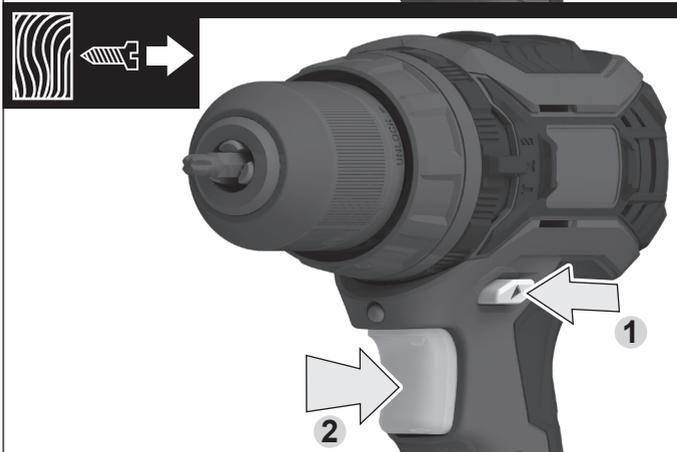
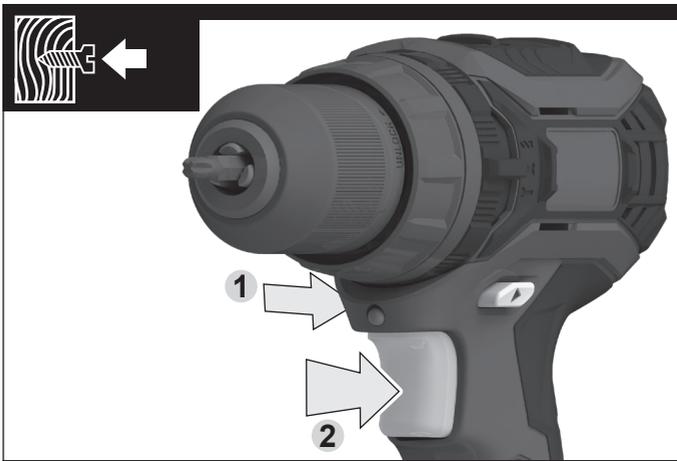
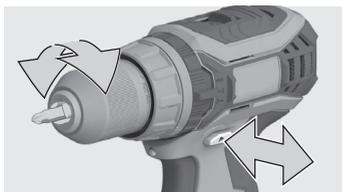
STOP

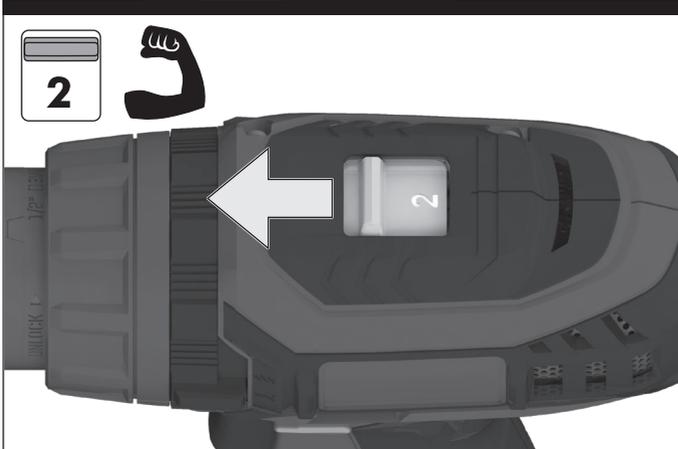
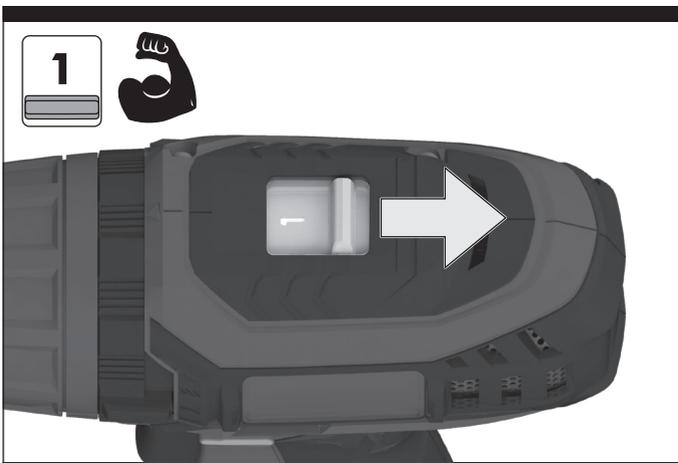
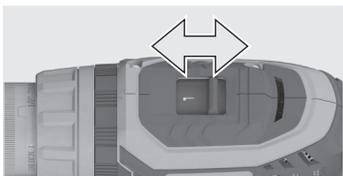
A side-view illustration of the power tool. The trigger is in its retracted position. A white arrow points to the left from the trigger, indicating the tool is in the 'STOP' position.

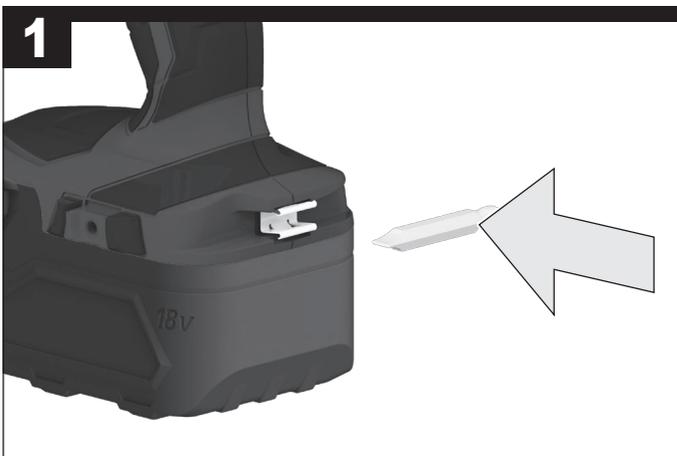
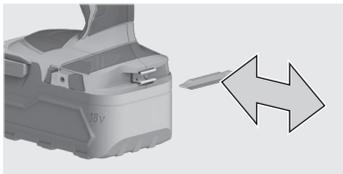


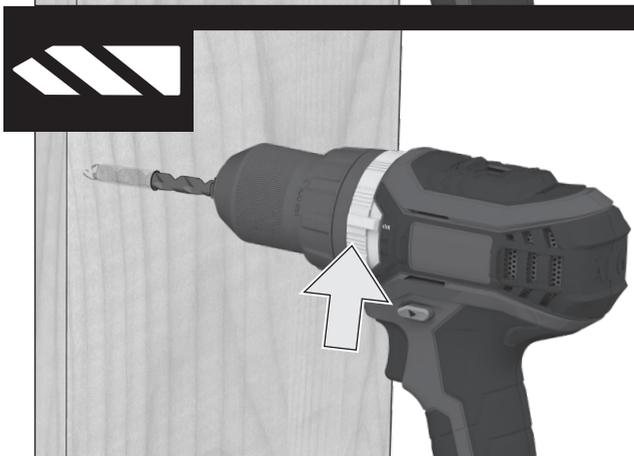
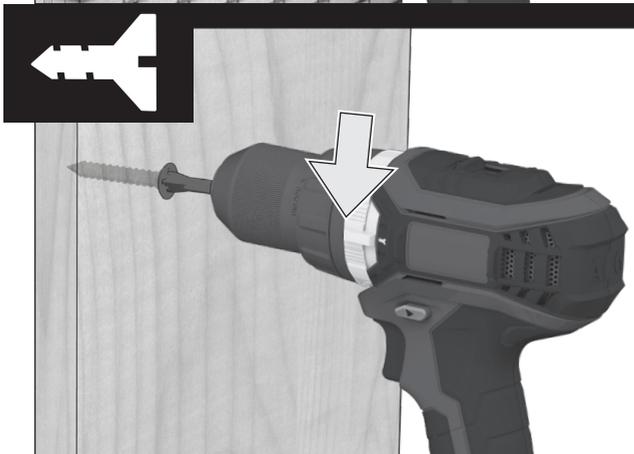
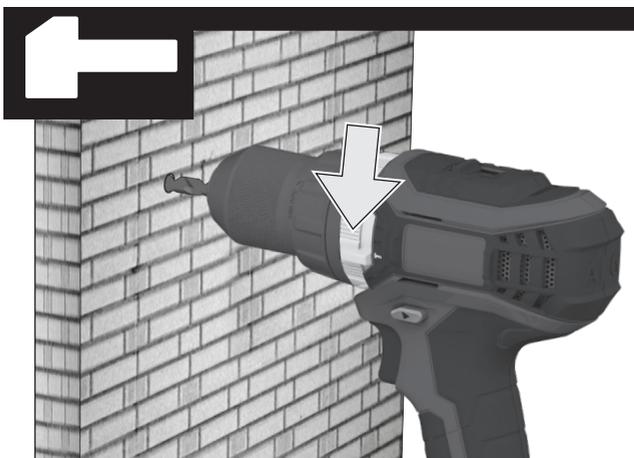
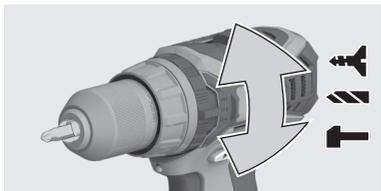
Remove the battery pack before starting any work on the machine.

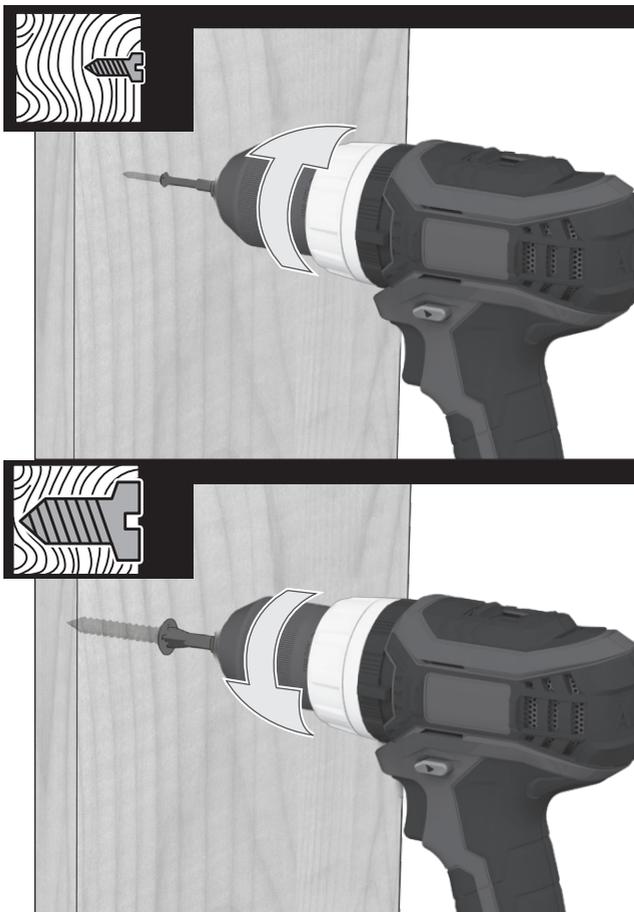
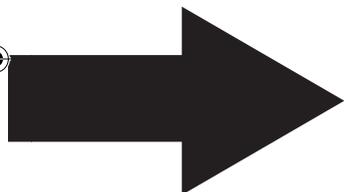
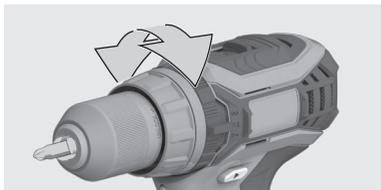












**TECHNICAL DATA****CORDLESS PERCUSSION DRILL/DRIVER****BSB18C2**

Rated voltage	18 V
Drilling capacity in steel	13 mm
Drilling capacity in wood	40 mm
Drilling capacity in brick and tile	13 mm
Wood screws	6 mm
No-load speed	
1st gear	0 - 450 min ⁻¹
2nd gear	0 - 1800 min ⁻¹
Impact rate	
1st gear	0 - 5850 min ⁻¹
2nd gear	0 - 23400 min ⁻¹
Torque with battery (1.5 Ah / 2.0 Ah) *	50 Nm
Torque with battery (3.0 Ah) *	60 Nm
Torque with battery (4.0 Ah) *	70 Nm
Weight - not including battery pack	1.24 kg
Measured values determined according to EN 62841.	
A-weighted sound pressure level	$L_p = 87$ dB(A)
Uncertainty K	3 dB(A)
A-weighted sound power level	$L_W = 98$ dB(A)
Uncertainty K	3 dB(A)
Wear ear protectors.	
The vibration total values (triaxial vector sum) determined according to EN 62841:	
Impact drilling into concrete	$a_{hID} = 15.6$ m/s ²
Uncertainty K	1.5 m/s ²
Drilling into metal	$a_{hD} = < 2.5$ m/s ²
Uncertainty K	1.5 m/s ²
Screwing	$a_h = < 2.5$ m/s ²
Uncertainty K	1.5 m/s ²

* test to AEG standard N 877318

⚠ WARNING

The vibration emission level given in this information sheet has been measured in accordance with a standardised 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 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.

BATTERY AND CHARGER

Compatible battery pack (not included)	Compatible charger (not included)
L1815R	
L1820R	
L1825R	AL18G
L1830R-X5	AL1218G
L1840R	BL1218
L1850R	BLK1218
L1860R	BL18DP-X5
L1860R-X5	BL18DP2-X5
L1890R	

Use AEG 18V battery and charger only

⚠ 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.**

DRILL SAFETY WARNINGS

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.

SCREWDRIVER SAFETY WARNINGS

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





ADDITIONAL SAFETY AND WORKING INSTRUCTIONS

Use protective equipment. Always wear safety glasses when working with the machine. The use of protective clothing is recommended, such as dust mask, protective gloves, sturdy non-slip footwear, helmet and ear defenders.

The dust produced when using this tool may be harmful to health. Do not inhale the dust. Wear a suitable dust protection mask.

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

Do not direct the light beam at persons or animals and do not stare into the light beam yourself (not even from a distance). Staring into the light beam may result in serious injury or vision loss.

The product is not waterproof. Do not submerge in liquid. Failure to heed this warning could result in serious personal injury.

Switch the device off immediately if the accessory stalls! Do not switch the device on again while the accessory is stalled, as doing so could trigger a sudden recoil with a high reactive force. Determine why the accessory stalled and rectify this, paying heed to the safety instructions.

The possible causes may be:

- it is tilted in the workpiece to be machined
- it has pierced through the material to be machined
- the power tool is overloaded

Do not reach into the machine while it is running. The accessory may become hot during use.

WARNING! Danger of burns

- when changing 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. Take them to an appropriate disposal/collecton site.

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

Use only System GBS chargers for charging System GBS battery packs. Do not use battery packs from other systems.

Never break open battery packs 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.

RESIDUAL RISKS

Even when the product is used as prescribed, it is still impossible to completely eliminate certain residual risk factors. The following hazards may arise and the operator should pay special attention to avoid the following:

- Risk of electrocution if electric cables are drilled into. – Always grasp the product by designated handles; do not touch the drill bits.
- Damage to the respiratory system. – Wear respiratory protection masks containing filters appropriate to the materials being worked. Ensure adequate workplace ventilation. Do not eat, drink or smoke in the work area.
- Damage to hearing – Always wear effective hearing protection and limit exposure to noise.
- Damage to eyes from flying dust and debris particles – Always wear suitable eye protection.
- Injury caused by vibration – Hold the product by designated handles; limit exposure to vibration. See "risk reduction".

RISK REDUCTION

It has been reported that vibrations from handheld tools may contribute to a condition called Raynaud's Syndrome in certain individuals. Symptoms may include tingling, numbness and blanching of the fingers, usually apparent upon exposure to cold. Hereditary factors, exposure to cold and dampness, diet, smoking and work practices are all thought to contribute to the development of these symptoms. There are measures that can be taken by the operator to possibly reduce the effects of vibration:

- Keep your body warm in cold weather. When operating the unit wear gloves to keep the hands and wrists warm. It is reported that cold weather is a major factor contributing to Raynaud's Syndrome.
- After each period of operation, exercise to increase blood circulation.
- Take frequent work breaks. Limit the amount of exposure per day.

If you experience any of the symptoms of this condition, immediately discontinue use and see your doctor about these symptoms.

WARNING! Injuries may be caused or aggravated by prolonged use of a tool. When using any tool for prolonged periods, ensure you take regular breaks.

SPECIFIED CONDITIONS OF USE

This electronic percussion drill/screwdriver is intended to be used only by adults who have read and understood the instructions and warnings in this manual and can be considered responsible for their actions.

The product can be used for drilling into various materials including wood, metal and plastics using a drill bit less than 13 mm in diameter. The product can also be used in hammer mode for drilling masonry and similar materials.

Do not use the product for any other purpose not described above.

BATTERIES

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.

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

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

For battery pack storage longer than 30 days:

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

ADDITIONAL BATTERY SAFETY WARNINGS

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.

TRANSPORTING LITHIUM 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.

BATTERY PACK PROTECTION

The battery pack has overload protection that protects it from being overloaded and helps to ensure long life. Under extreme stress the battery electronics switch off the machine automatically. To restart, switch the machine off and then on again. If the machine does not start up again, the battery pack may have discharged completely. In this case it must be recharged in the battery charger.

MAINTENANCE

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

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

If needed, an exploded view of the tool can be ordered. Please state the Article No. as well as the machine type printed on the label and order the drawing at your local service agents or directly at:

Techtronic Industries Australia Pty Ltd

PO Box 1065
Mount Waverley VIC 3149
Tel. no. 1300 234 797
Australia

Techtronic Industries N.Z. Limited

PO Box 12-806
Penrose AUCKLAND 1642
Tel. no. 0800 234 797
New Zealand

SYMBOLS



Safety alert

V

Volts



Direct current

min⁻¹

Revolutions or reciprocations per minute



No-load speed



Regulatory Compliance Mark (RCM). Product meets applicable regulatory requirements.



Please read the instructions carefully before starting the machine.



Do not dispose of electric tools together with household waste material. Electric tools and electronic equipment that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.



AEG

www.aegpowertools.com.au
www.aegpowertools.co.nz

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