

AEG

BSS18B6

Original instructions

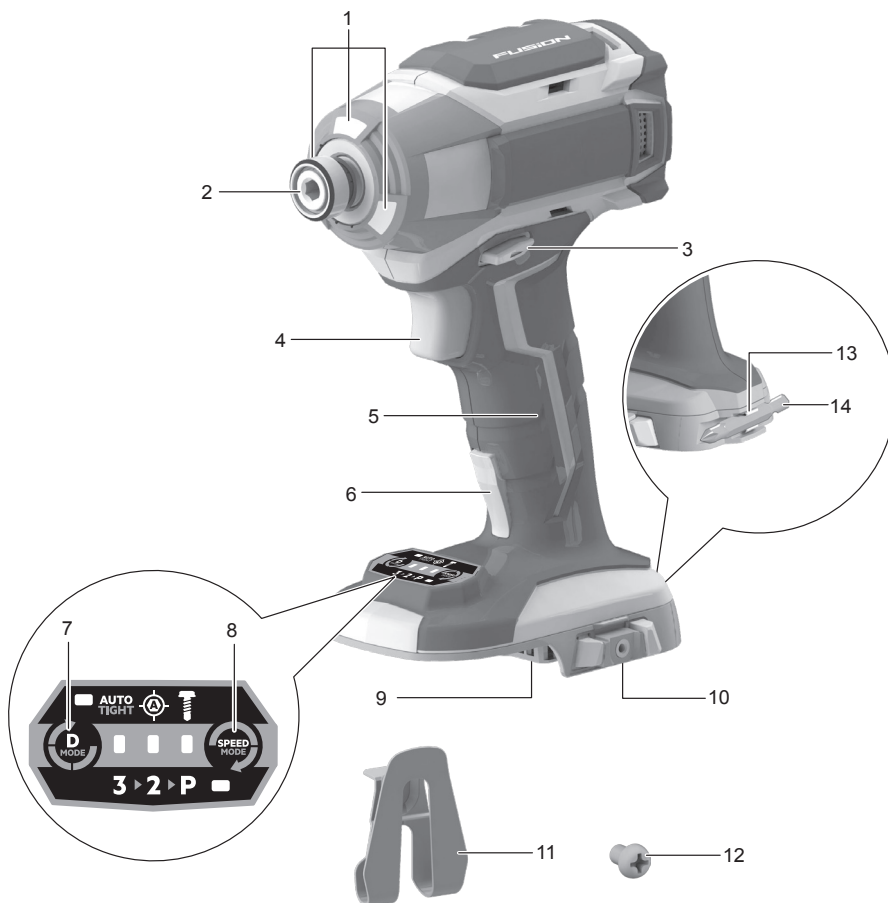
Important!

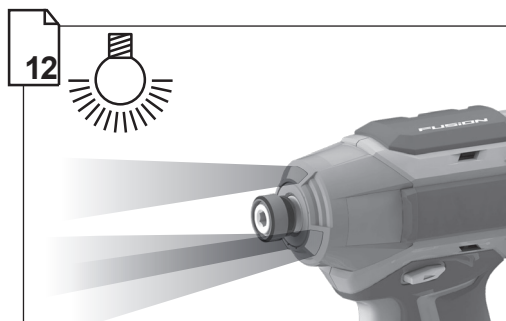
It is essential that you read the instructions in this manual before assembling, operating and maintaining the product.

Subject to technical modifications.

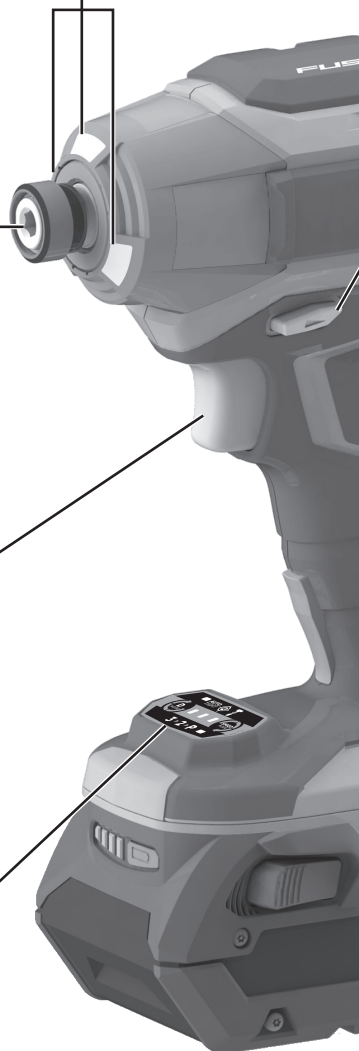
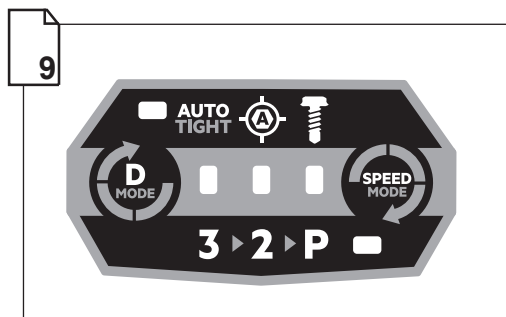
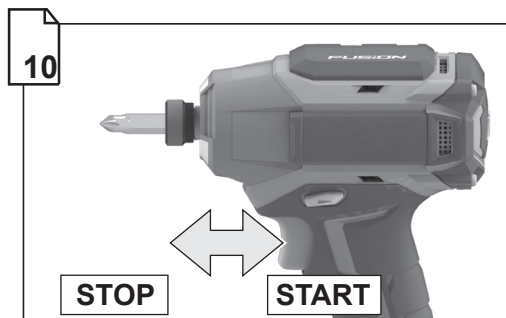
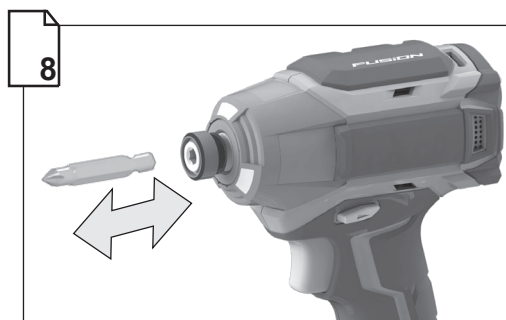
1. LED light
2. Auto-load chuck
3. Direction of rotation selector
4. Variable speed switch trigger
5. Handle, insulated gripping surface
6. LED light button
7. D mode

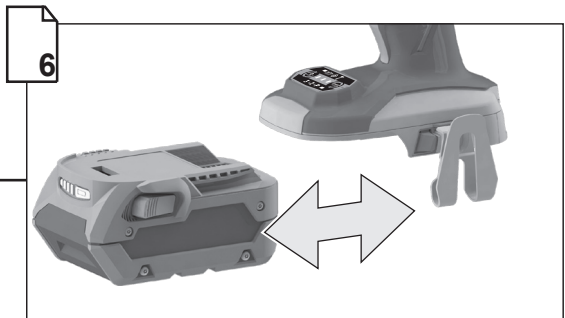
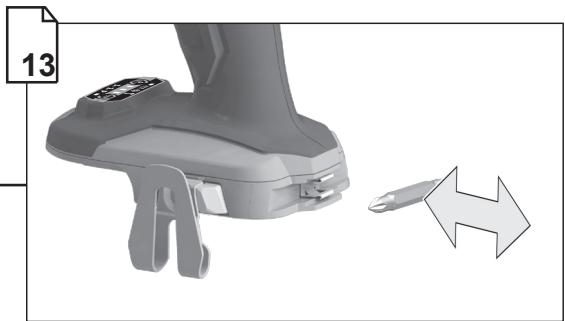
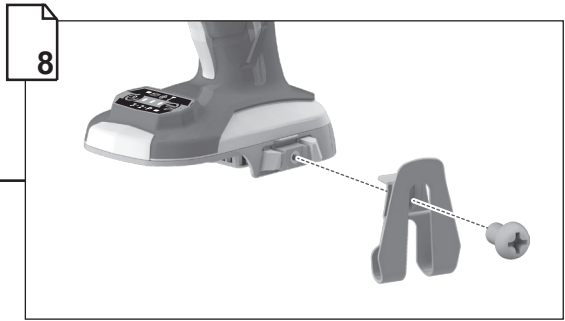
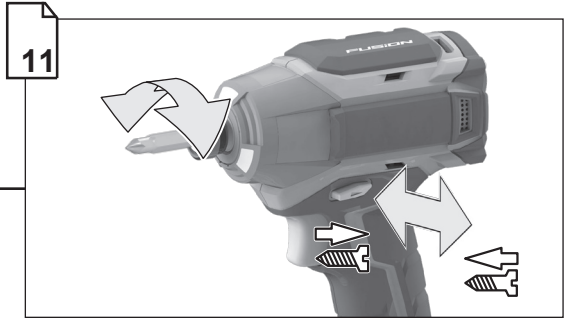
8. Speed mode
9. Battery port
10. Belt clip bracket
11. Belt clip
12. Screw
13. Bit storage
14. Screw driver bit

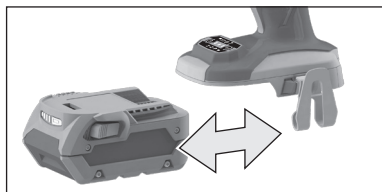




Remove the battery pack before starting any work on the machine.

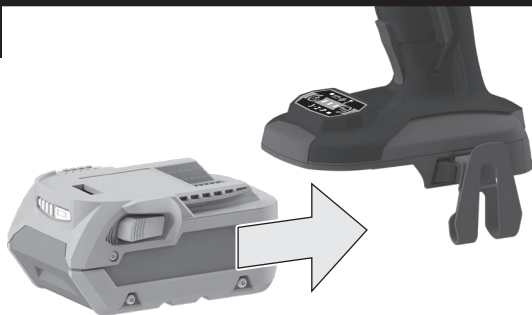






Remove the battery pack before starting any work on the machine.

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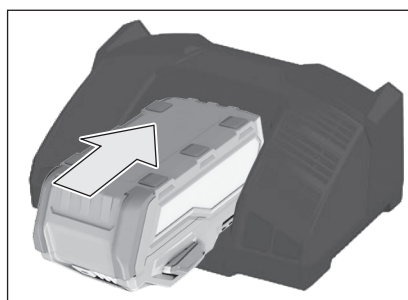
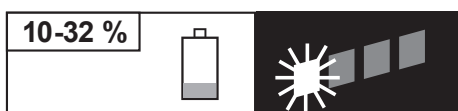
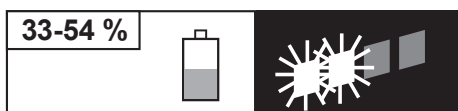
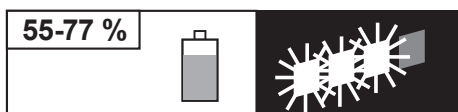
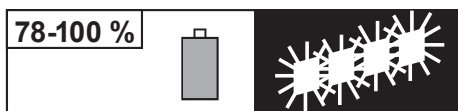
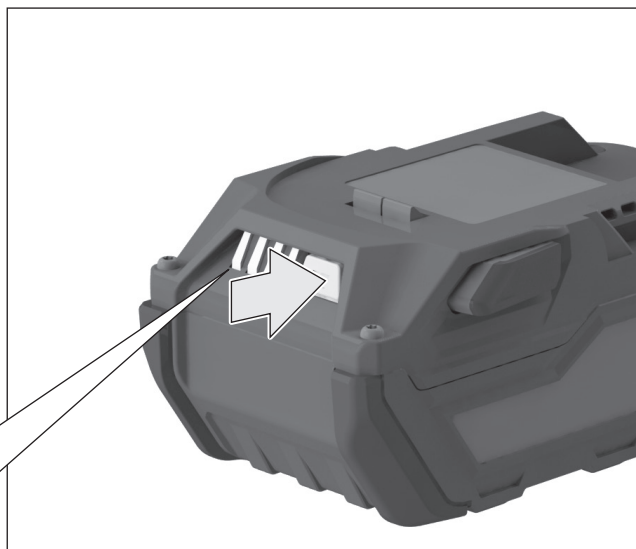


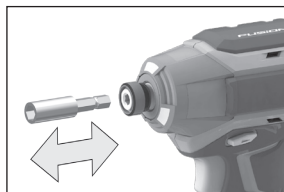
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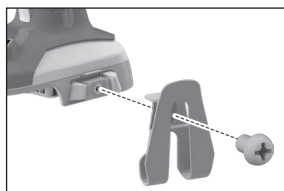
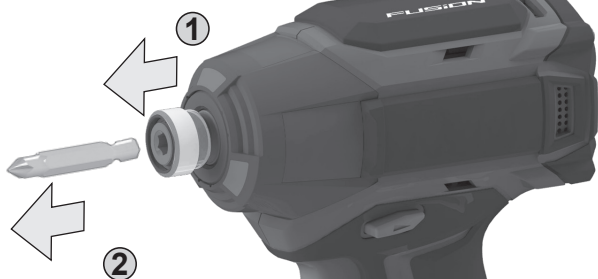


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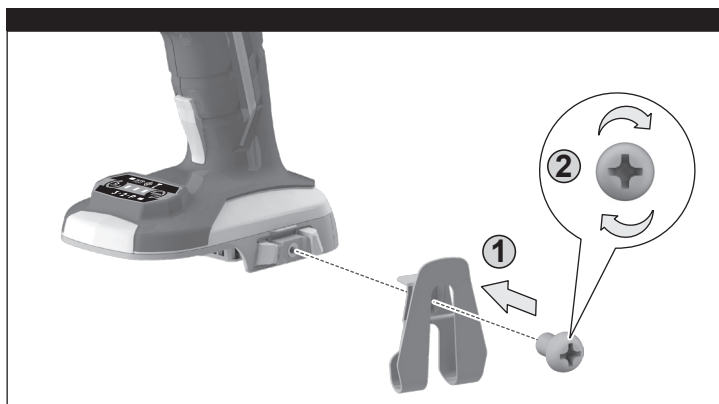


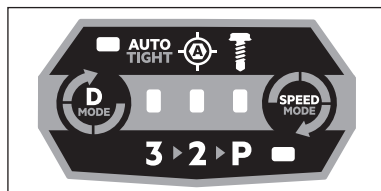
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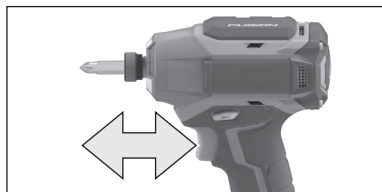


Remove the battery pack before starting any work on the machine.





| | | |
|--|----------------------------------|--|
| | <p>D mode: Tek screw</p> | <p>D mode: Self tapping screw</p> <p>Use this mode to drive self drilling screws into metal. This mode starts at a high speed to facilitate hole drilling and then lowers the speed when driving in the screw.</p> |
| | <p>D mode: Assistance</p> | <p>D mode: Assistance</p> <p>Use this mode to drive screws when better control is required. This mode starts at a lower speed and then increases to finish driving in the screw.</p> <p>In reverse direction, this mode rotates in 6 pulses moving up to a controlled reverse speed designed to remove screws with damaged heads.</p> |
| | <p>D mode: Auto tight</p> | <p>D mode: Auto tight</p> <p>Torque _____ 120 Nm</p> <p>Use this mode to avoid overdriving the nut or bolt. In this mode, the product will automatically stop after it has impacted on the fastener.</p> |
| | <p>Speed mode: 3</p> | <p>Speed mode: 3</p> <p>Torque _____ 280 Nm</p> <p>Use this mode to drive large fasteners when maximum force and speed are required.</p> |
| | <p>Speed mode: 2</p> | <p>Speed mode: 2</p> <p>Torque _____ 210 Nm</p> <p>Use this mode to drive medium-sized fasteners when medium force and speed are required.</p> |
| | <p>Speed mode: P</p> | <p>Speed mode: P</p> <p>Torque _____ 50 Nm</p> <p>Use this mode to drive small fasteners when lowest speed and force are required.</p> |

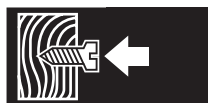
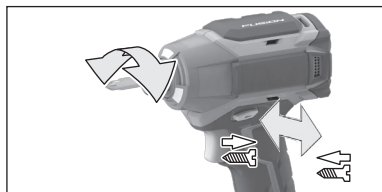


START

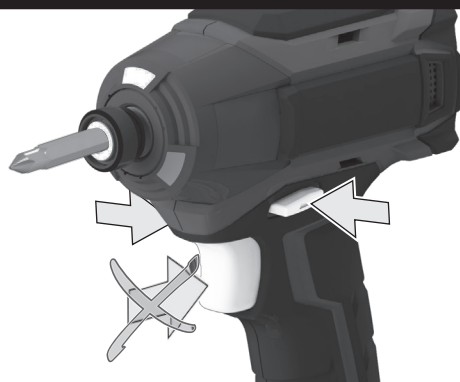


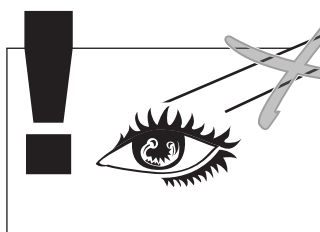
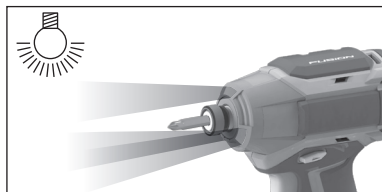
STOP

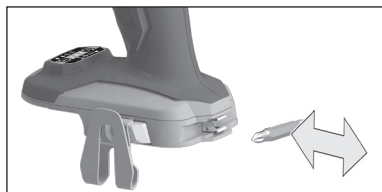




LOCK







**TECHNICAL DATA****18V BRUSHLESS IMPACT DRIVER****BSS18B6**

| | |
|--|------------------------------|
| Rated voltage | 18 V |
| Tool reception | 1/4" (6.35 mm) |
| No-load speed | 0 - 3000 min ⁻¹ |
| Impact rate | 0 - 4000 min ⁻¹ |
| Max torque | 280 Nm |
| Max. diameter bolt / nut | M14 |
| Weight - not including battery pack | 1.17 kg |
| Measured values determined according to EN 60745: | |
| A-weighted sound pressure level | $L_p = 99.5$ dB(A) |
| Uncertainty K | 3 dB(A) |
| A-weighted sound power level | $L_w = 110.5$ dB(A) |
| Uncertainty K | 3 dB(A) |
| Wear ear protectors. | |
| The vibration total values (triaxial vector sum) determined according to EN 60745: | |
| Impact tightening of fasteners of the maximum capacity of the tool | $a_h = 6.7$ 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.

BATTERY AND CHARGER

| Compatible battery pack (not included) | Compatible charger (not included) |
|---|--------------------------------------|
| L1815R | |
| L1820R | AL18G |
| L1825R | AL1218G |
| L1830R-X5 | BL1218 |
| L1840R | BLK1218 |
| L1850R | BL18DP-X5 |
| L1860R | BL18DP2-X5 |
| L1860R-X5 | BL18DPS |
| 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.**

IMPACT DRIVER SAFETY WARNINGS

Hold the 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.

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

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

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

Use only System AEG chargers for charging System AEG 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.

ADDITIONAL SAFETY WARNINGS

Ambient temperature range for tool during operation is between 0°C and 40°C.

Ambient temperature range for tool storage is between 0°C and 40°C.

The recommended ambient temperature range for the charging system during charging is between 10°C and 38°C.

RESIDUAL RISKS

Even when the product is used as prescribed, it is still impossible to completely eliminate certain residual risk factors. The operator should pay particular and additional attention to these points in order to reduce the risk of serious personal injury.

- Injury to hearing – Wear suitable ear protection and limit exposure.
- Injury to sight – Wear protective eye shields or goggles when using the product.
- Injury caused by vibration – Limit exposure and follow the instructions on risk reduction in this manual.
- Electric shock after contact with hidden wires – Hold the product only by insulated surfaces.





- Injury caused by dust – Dust created by operating the product can cause respiratory injury. Wear appropriate dust control mask with filters suitable for protecting against particles from the material being worked on.

RISK REDUCTION

It has been reported that vibrations from hand-held 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

The impact driver may be used to tighten and loosen nuts and bolts for independent use away from mains supply.

Do not use the product for any other purpose.

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.

Ambient temperature range for battery during use is between 0°C and 40°C.

Ambient temperature range for battery storage is between 0°C and 27°C.

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.

THERMAL OVERLOAD PROTECTION

Overheated cells will reduce performance, run time and life. Overheating can occur from battery packs being exposed to very hot environments or from the tool they are powering being over-worked. The control electronics will automatically shut down the battery pack to protect the cells which in turn protects the electronics and motor within the tool. The battery pack will automatically shut itself down again should the temperature condition remain high when the trigger is pulled again. The system will continue to shut the battery pack down until the temperature is returned to a safe operating level.

CURRENT OVERLOAD PROTECTION

The control electronics will instantly shut down the battery back when excessive current draw is detected - protecting both the battery cells and the motor of the tool. Releasing the trigger will reset the battery pack each time.

INDIVIDUAL CELL MONITORING

The control electronics constantly check each individual cell and automatically adjust its charge and discharge requirements accordingly.

This system maximises individual cell life whilst ensuring that the battery pack is delivering peak performance to the tool at all times.

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

n_o

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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