

# AEG

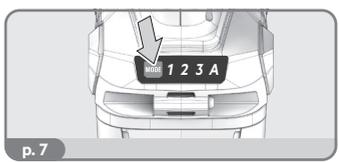
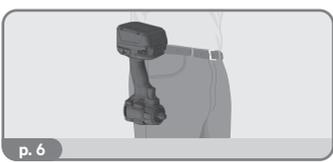
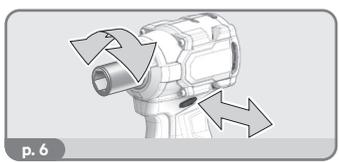
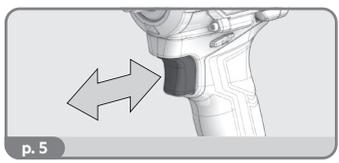
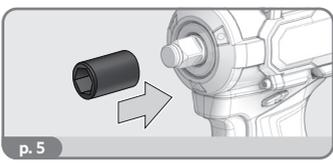
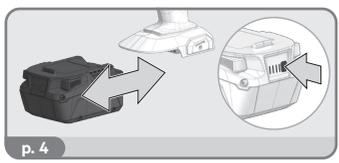
**A18SIW12BL**

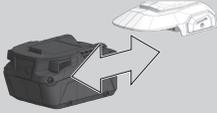
Original instructions

## **Important!**

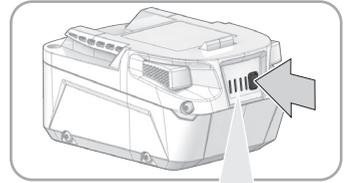
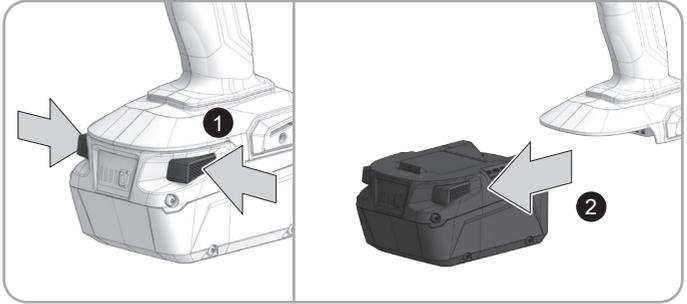
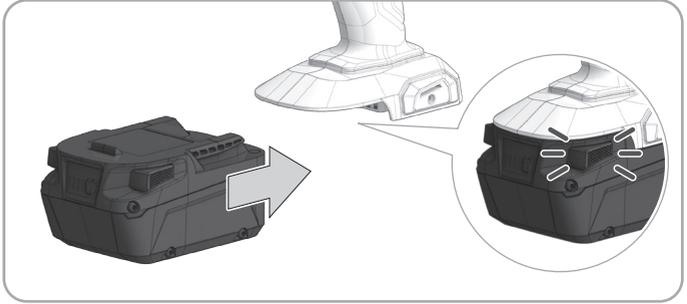
It is essential that you read the instructions in this manual before assembling, operating, and maintaining the product.

Subject to technical modifications.





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



75-100 %



50-75 %

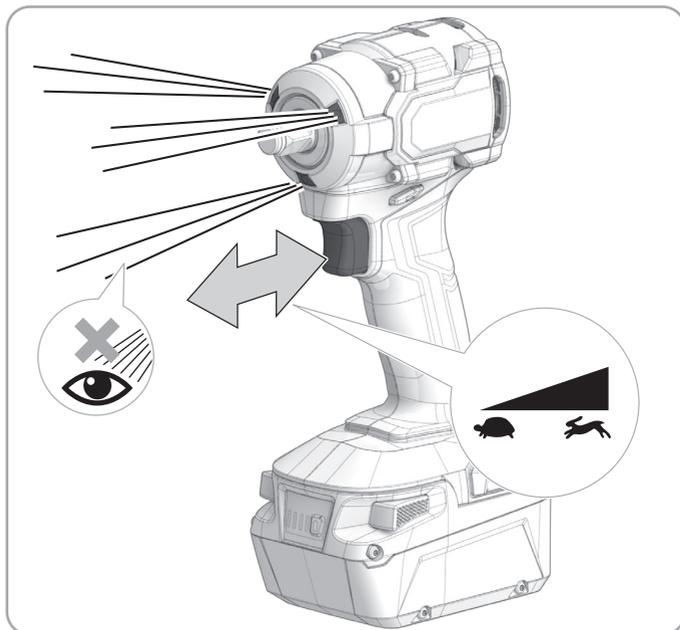
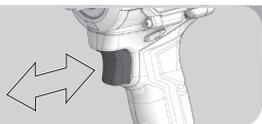
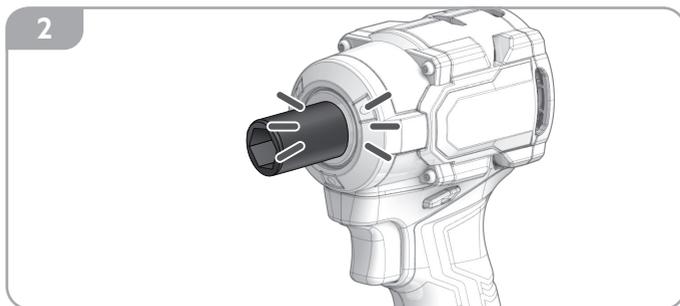
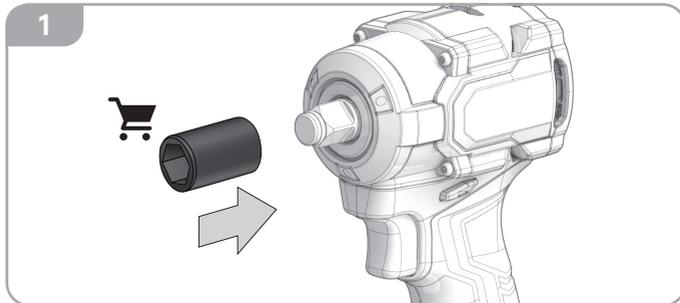
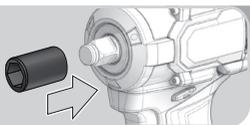


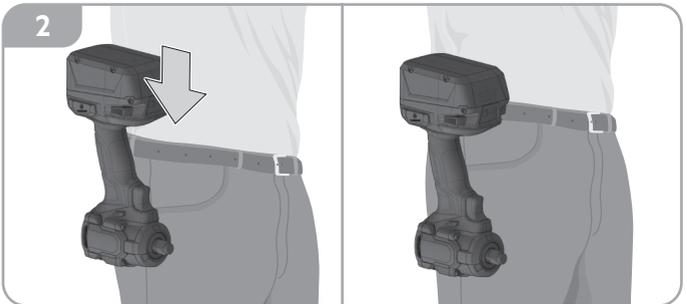
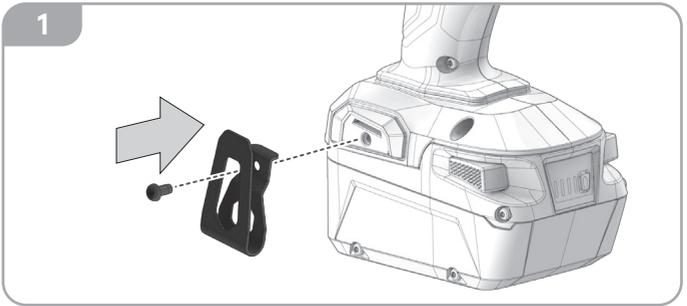
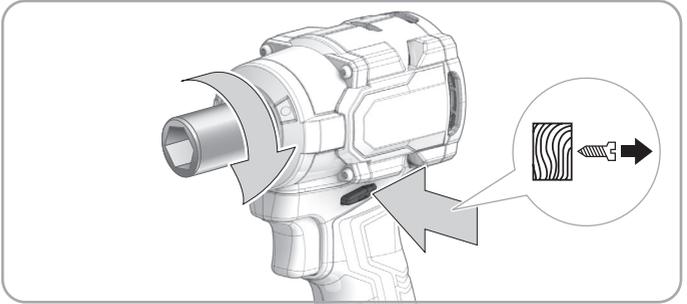
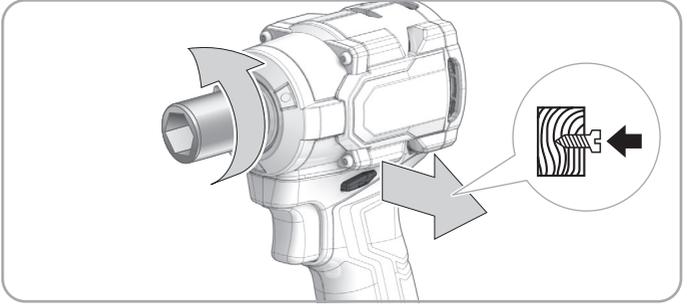
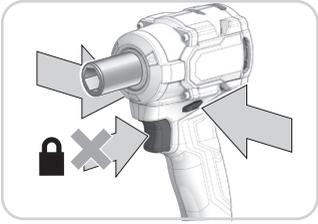
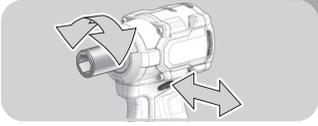
25-50 %



0-25 %

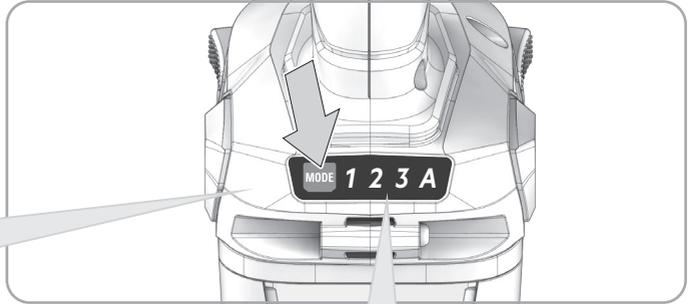








- 1 = 0-850 min<sup>-1</sup>
- 2 = 0-2,100 min<sup>-1</sup>
- 3 = 0-2,800 min<sup>-1</sup>
- A = 0-2,800 min<sup>-1</sup>



The "A" function is designed to give the user greater control in application and reduce damage to the fastener or work surface by automatically shutting the tool off after the tool senses the mechanism impacting for approximately one second.

**TECHNICAL DATA****A18SIW12BL**

Type	Cordless Impact Wrench
Tool reception	12.7 mm( 1/2")
No-load speed	
Speed 1	0-850 min <sup>-1</sup>
Speed 2	0-2,100 min <sup>-1</sup>
Speed 3	0-2,800 min <sup>-1</sup>
"A" mode	0-2,800 min <sup>-1</sup>
Impact rate (High speed)	3,800 min <sup>-1</sup>
Max. torque	280 Nm
Max. diameter bolt / nut	M18
Max breakaway torque	339 Nm/ 250 ft.lbs
Battery voltage	18 V ---
Weight without battery pack	0.95 kg
Weight according to EPTA-Procedure 01/2014 (Li-ion 2.0 Ah ... 9.0 Ah)	1.4 kg ...2.1 kg
Recommended ambient operating temperature	-18...+50 °C

**Noise Information**

Measured values determined according to EN 62841. Typically, the A-weighted noise levels of the tool are:

Sound pressure level / Uncertainty

$$L_{pA} = 101 \text{ dB (A)} / K_{pA} = 3 \text{ dB(A)}$$

Sound power level / Uncertainty

$$L_{WA} = 112 \text{ dB (A)} / K_{WA} = 3 \text{ dB(A)}$$

**Wear ear protection!****Vibration Information**

Vibration total values (triaxial vector sum) determined according to EN 62841.

Vibration emission value / Uncertainty

Impact tightening of fasteners of the maximum capacity of the tool  $a_r = 11.3 \text{ m/s}^2 / K = 1.5 \text{ m/s}^2$

**⚠ WARNING!**

The declared vibration total values and the declared noise emission values given in this instruction manual have been measured in accordance with a standardised test given in EN 62841 and may be used to compare one tool with another. They may be used for a preliminary assessment of exposure.

The declared vibration and noise emission values represent the main applications of the tool. However, if the tool is used for different applications, used with different accessories, or poorly maintained, the vibration and noise emission may differ. These conditions may significantly increase the exposure levels over the total working period.

An estimation of the level of exposure to vibration and noise should take into account the times when the tool is turned off or when it is running idle. These conditions 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 noise, such as maintaining the tool and the accessories, keeping the hands warm, and organising work patterns.



### COMPATIBLE BATTERY PACKS (NOT INCLUDED)

L1820R	A18B4	A18OB6
L1820S	L1840R	L1860R
A18FB2	A18FB4	L1860R-X5
L1825R	L1850R	L1890R
L1830R-X5	A18FB5	

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 WRENCH 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.

### ADDITIONAL SAFETY AND WORKING INSTRUCTIONS

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

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

Dust created by operating the product can cause respiratory injury. Wear appropriate respiratory masks with filters suitable for protecting against particles from the material being worked on. Ensure adequate workplace ventilation. Do not eat, drink, or smoke in the work area.

Damage to eyes from flying dust and debris particles. Always wear suitable eye protection.

The product will restart automatically if stalled. Switch off the product immediately if it stalls. Determine why the product has stalled and rectify it, paying heed to the safety instructions. If necessary, remove the insertion tool.

Always wear goggles when using the product. It is recommended to wear gloves, sturdy non slipping shoes and apron.

Always use the protective shields on the product.

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

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

The product will restart automatically if stalled. Turn off the product immediately if it stalls. Do not turn on the product again while it is 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.

### 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.

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

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.

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.

No metal parts must be allowed to enter the battery section of the charger (short circuit risk).

### ADDITIONAL SAFETY WARNING

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

The possible causes may be:

- It is tilted in the work piece to be machined
- It has pierced through the material to be machined
- The power tool is overloaded

### 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 – Hold the tool by the designated handles and limit exposure to vibration. See "RISK REDUCTION".
- Electric shock after contact with hidden wires – Hold the product only by insulated surfaces.
- Respiratory injury – Dust created by operating the product, wear suitable protection dependent on type of dust.

### SPECIFIED CONDITIONS OF USE

The cordless impact wrench is intended for fastening and loosening bolts and nuts.

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.



## 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 turn off the product automatically. To restart, turn the product off and then on again. If the product does not start up again, the battery pack may have discharged completely. Recharge the battery pack.

## 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.

## MAINTENANCE

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

Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to various types of commercial solvents and may be damaged by their use. Use clean cloths to remove dirt, carbon dust, etc.

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 product 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(0800 AEGPWR)  
New Zealand

## SYMBOLS

	Read the instructions carefully before starting the product.
	CAUTION! WARNING! DANGER!
	Remove the battery pack before starting any work on the product.
$n_o$	No-load speed

	Volts
	Direct current
	Regulatory Compliance Mark (RCM). Product meets applicable regulatory requirements.
	To reduce the risk of injury or damage, avoid contact with any hot surface.
	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 the 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 the reuse 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 and 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.



# AEG

[www.aegpowertools.com.au](http://www.aegpowertools.com.au)  
[www.aegpowertools.co.nz](http://www.aegpowertools.co.nz)

**Techtronic Industries Australia Pty Ltd**

31 Gilby Road, Mount Waverley,  
VIC, 3149, Australia

**Techtronic Industries N.Z. Limited**

Unit C, 70 Business Parade South,  
Highbrook, Auckland 2013, New Zealand

961096916-01A

*AEG is a registered trade mark used under  
license from AB Electrolux (publ).*