AEG

A18F10FN
A18F10FNNZ

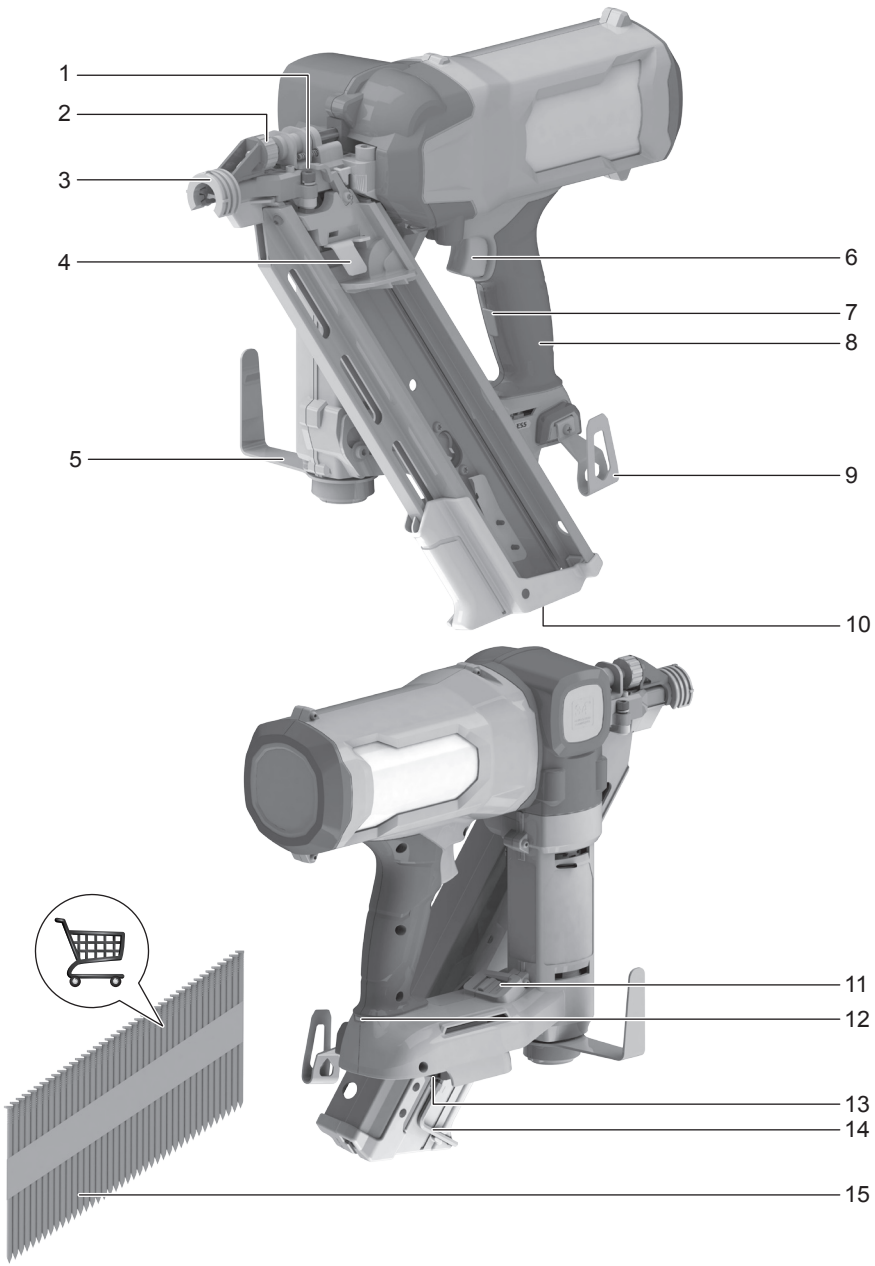
Original instructions

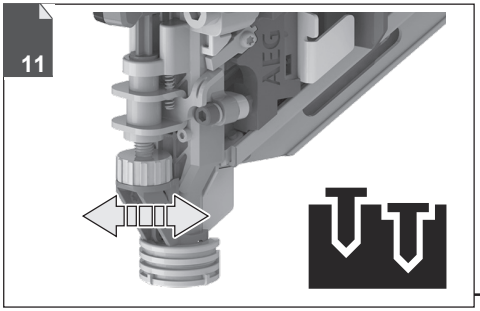
Important!

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

Subject to technical modifications.

1. Jam-clearing mechanism
2. Depth-of-drive adjustment
3. No-mar pad
4. Pusher
5. Rafter hook
6. Switch trigger
7. Grip switch
8. Handle, insulated gripping surface
9. Belt clip
10. Rear loading magazine
11. Trigger mode selector (for A18F10FN only)
12. LED light
13. Battery port
14. Hex key
15. Nails

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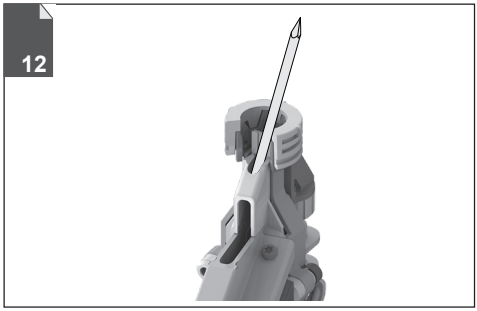
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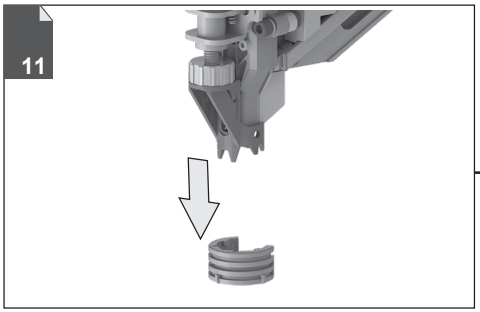
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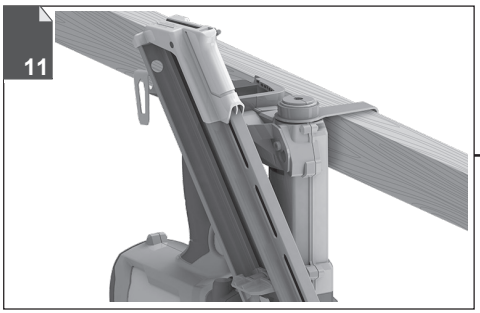
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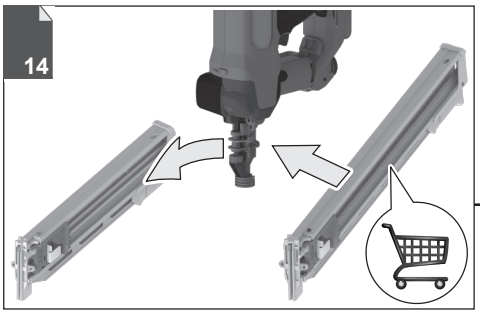
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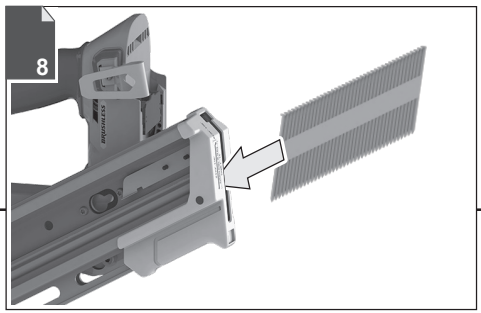
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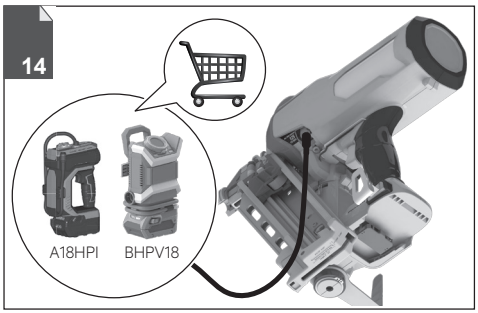
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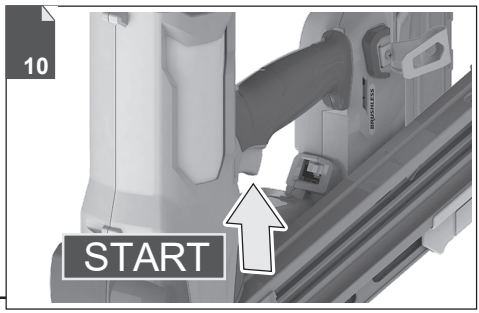
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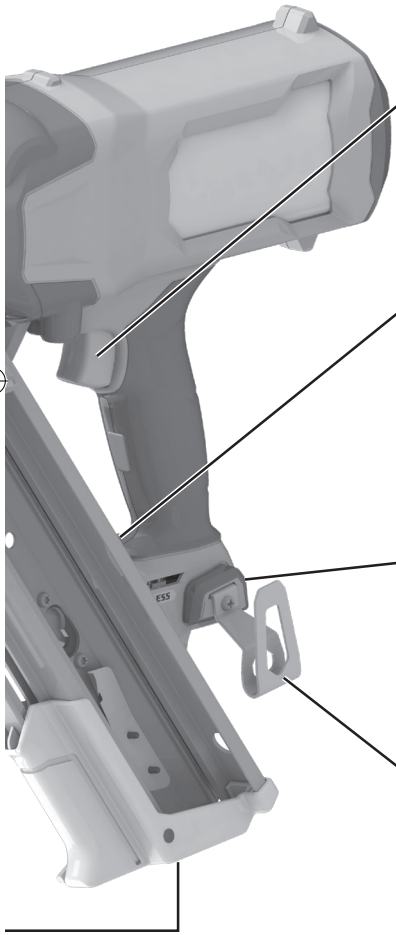

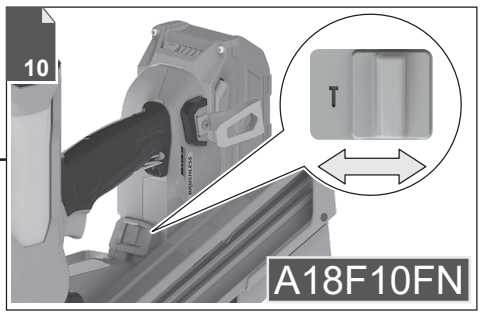
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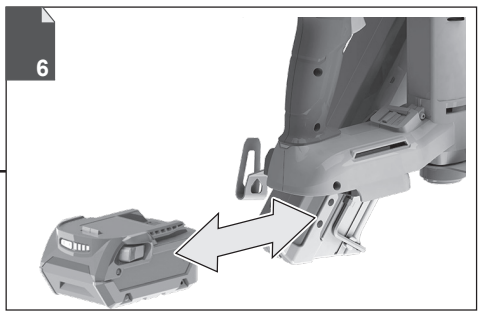
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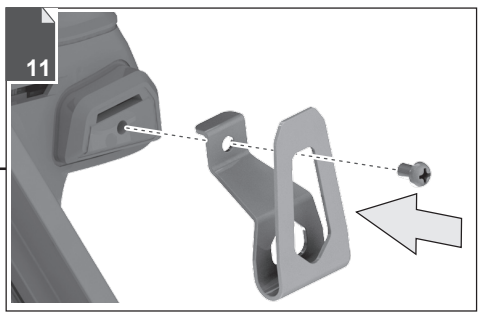
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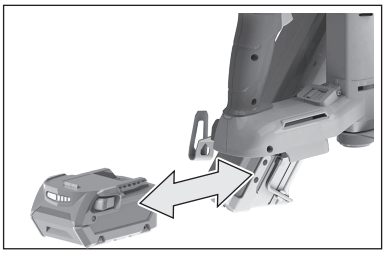
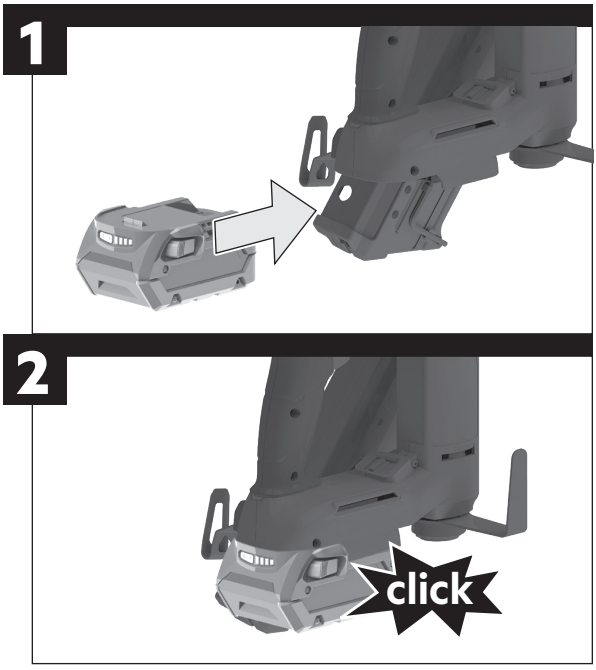
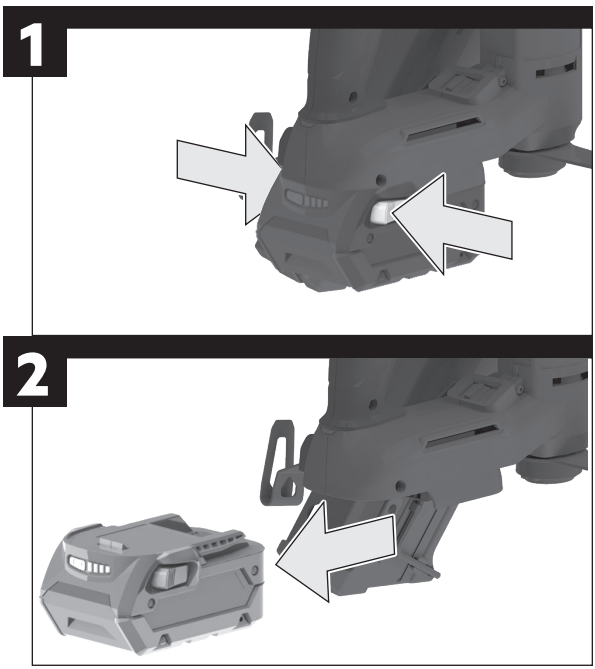
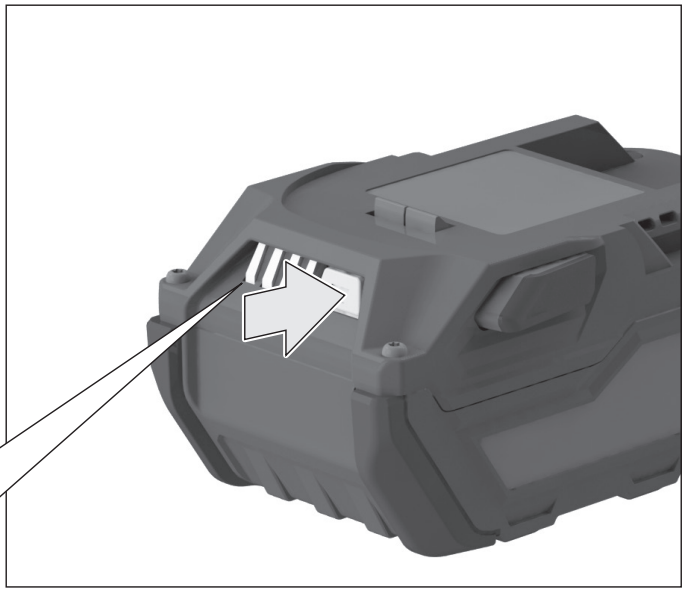
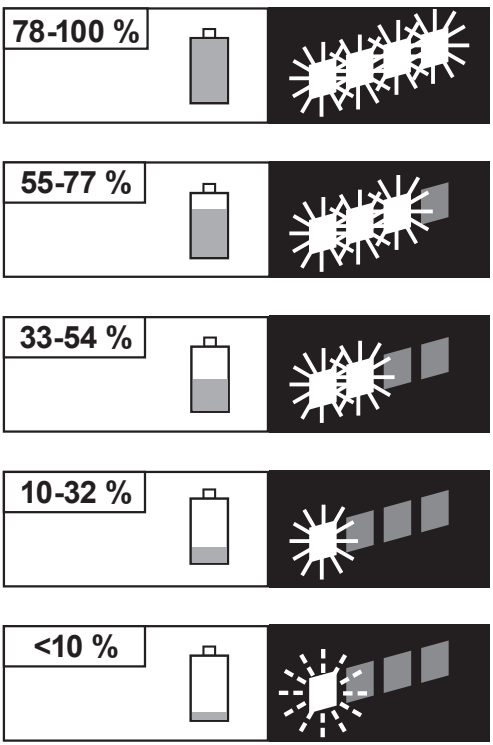


Remove the battery pack before starting any work on the machine.





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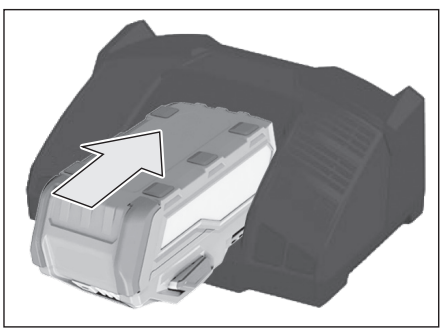
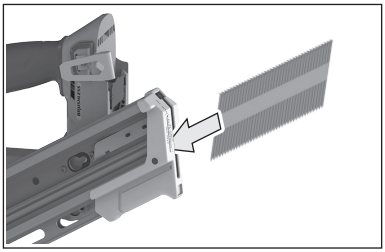
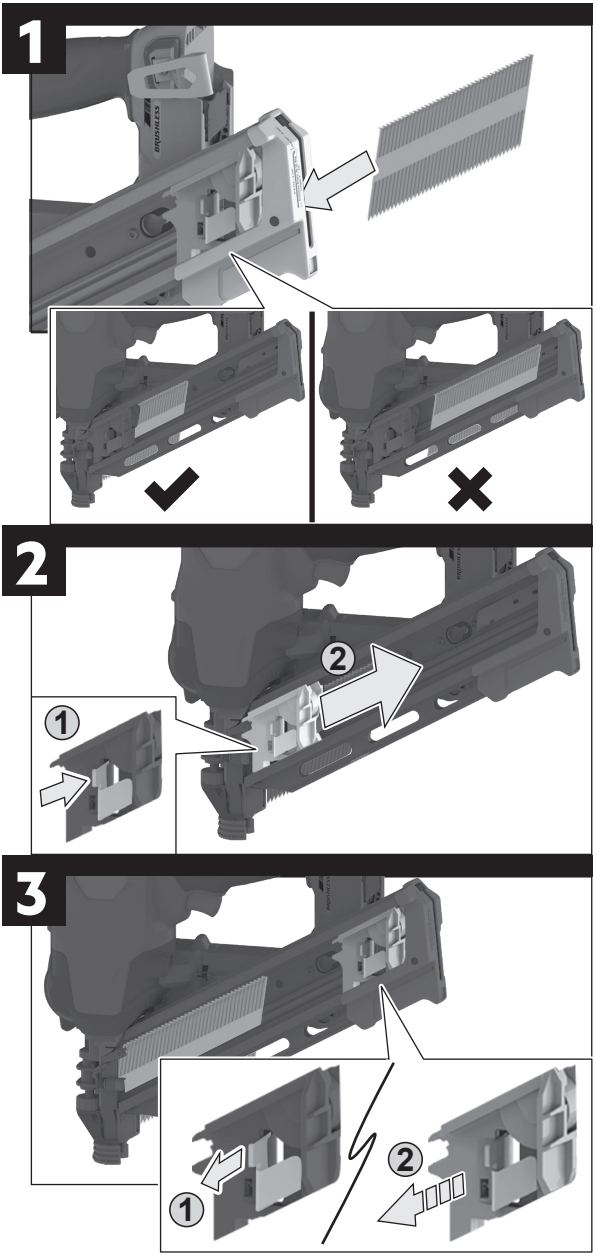
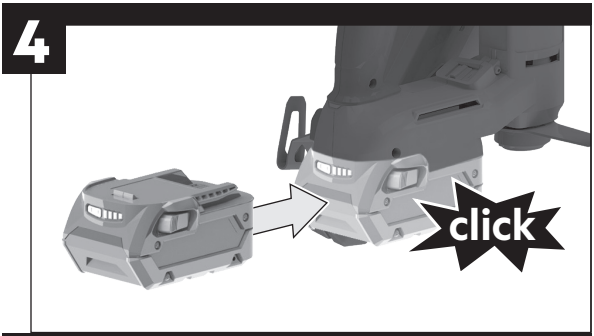
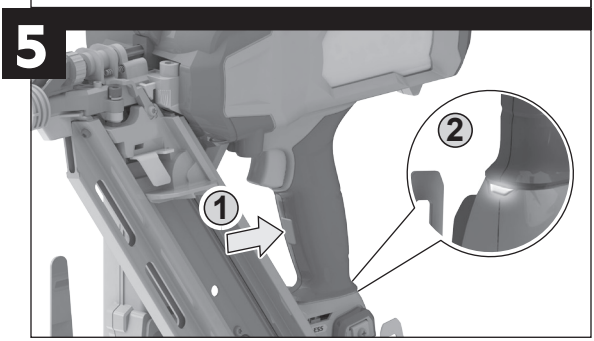




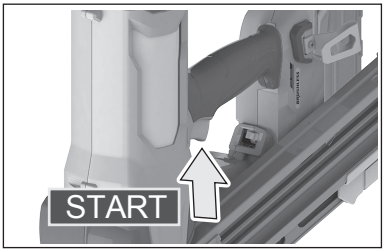
Remove the battery pack before starting any work on the machine.

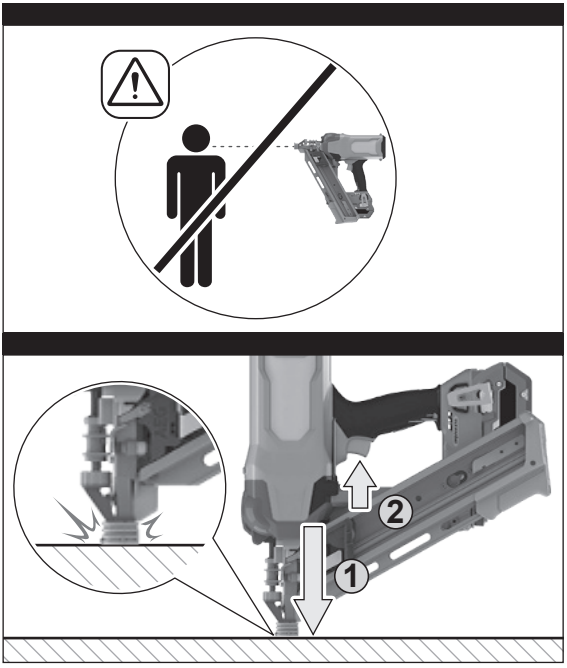




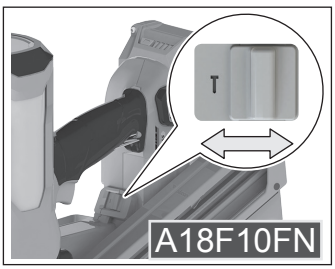


NOTE: Squeeze the grip switch (1) to activate the nailer whenever the battery has been removed and replaced, or when the product enters its inactive mode. The LED (2), located on the rear base of the nailer, will glow green once activated.

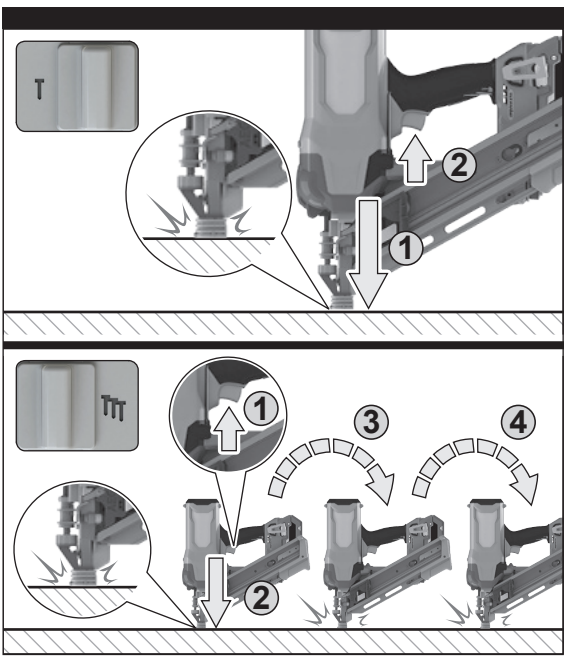


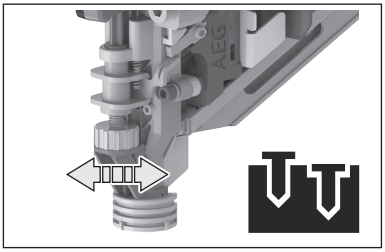


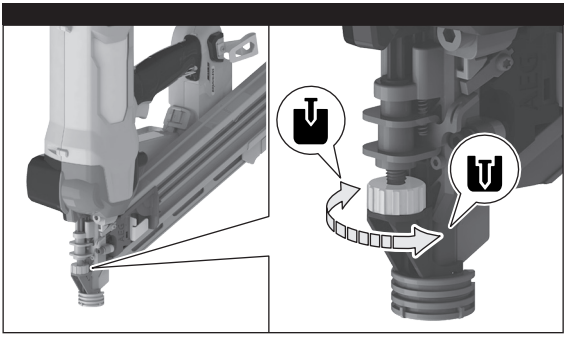
When marks to material or surfaces are unwanted in straight nailing applications the no-mar pad can be used. Remove the no-mar pad for skew nailing and general framing.



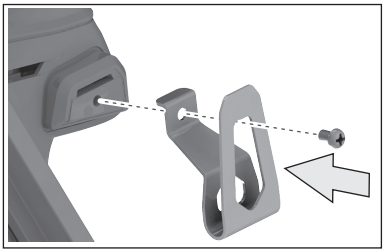
The bump fire feature is not available for A18F10FNNZ.

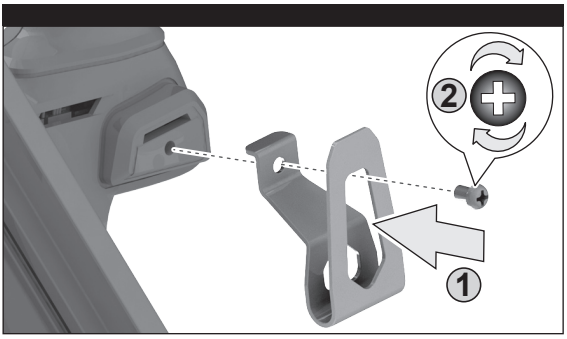


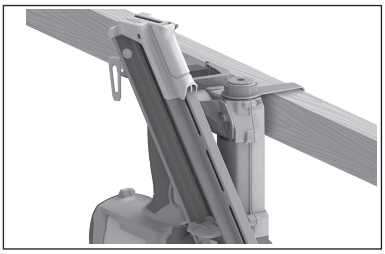


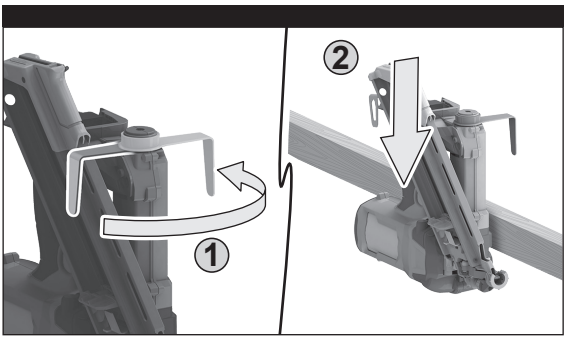


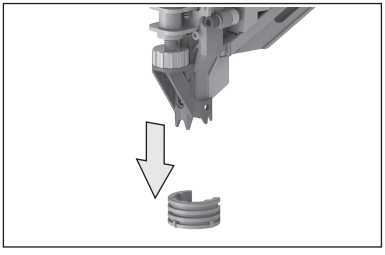
Remove the battery pack before starting any work on the machine.

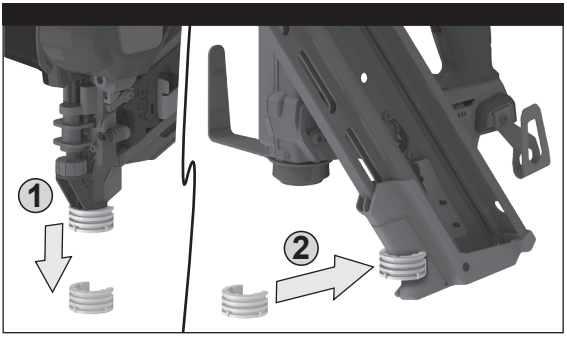


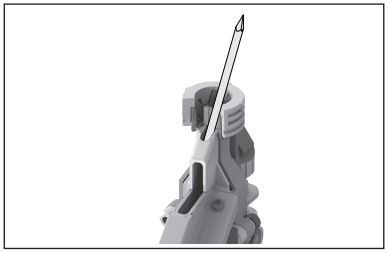




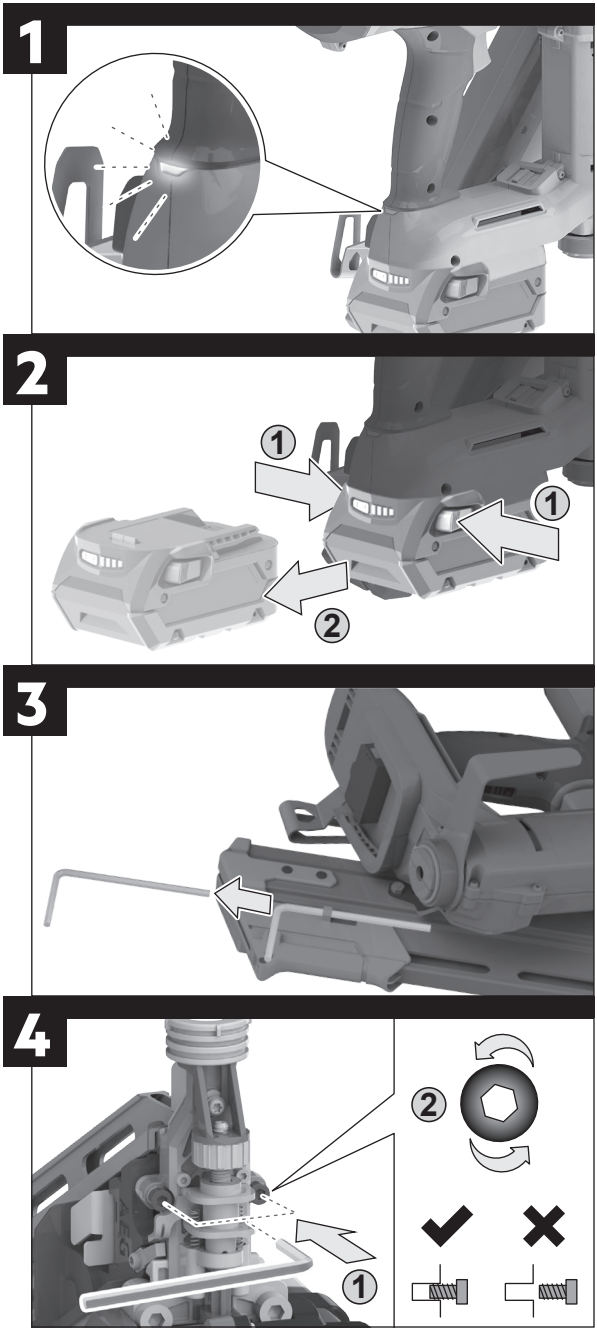


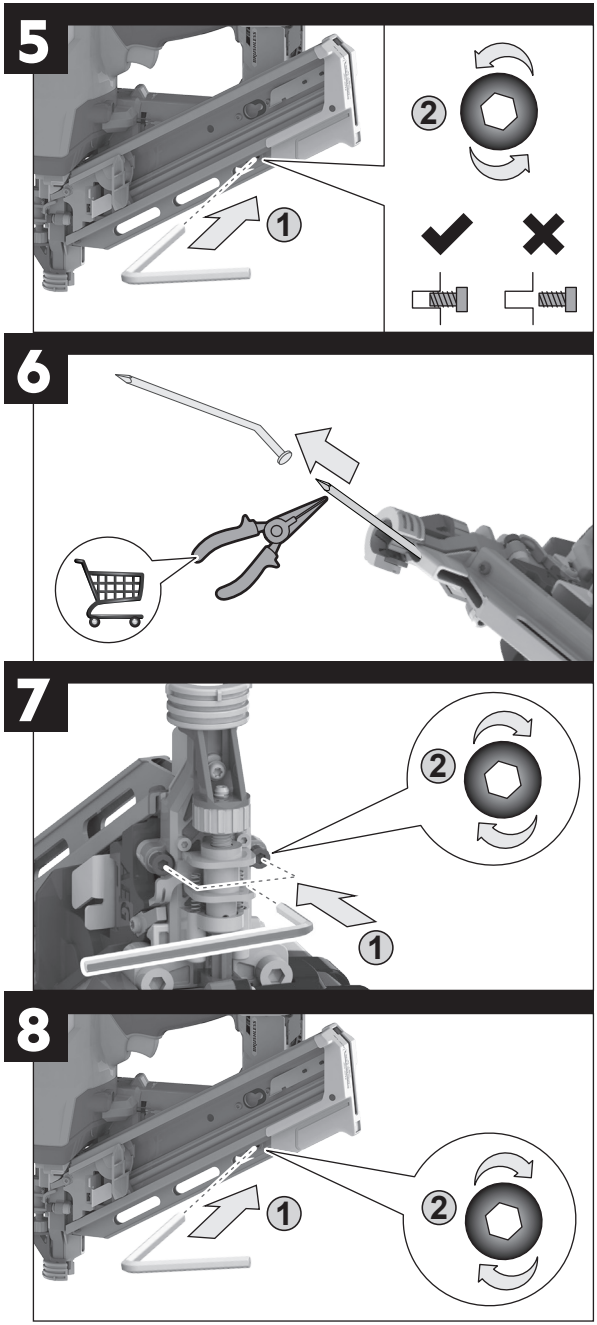






If a jam occurs, the product will automatically enter a jam mode and reset the driver blade. The LED, located on the rear base of the nailer, will flash red. Remove the battery pack. Check to ensure that the product is free from a jammed fastener. In the event of a severe jam the magazine may require removal to clear the jammed fastener before reinserting the battery. The battery must be removed and reinstalled to reset it into normal operation mode.

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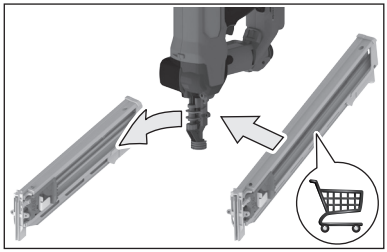

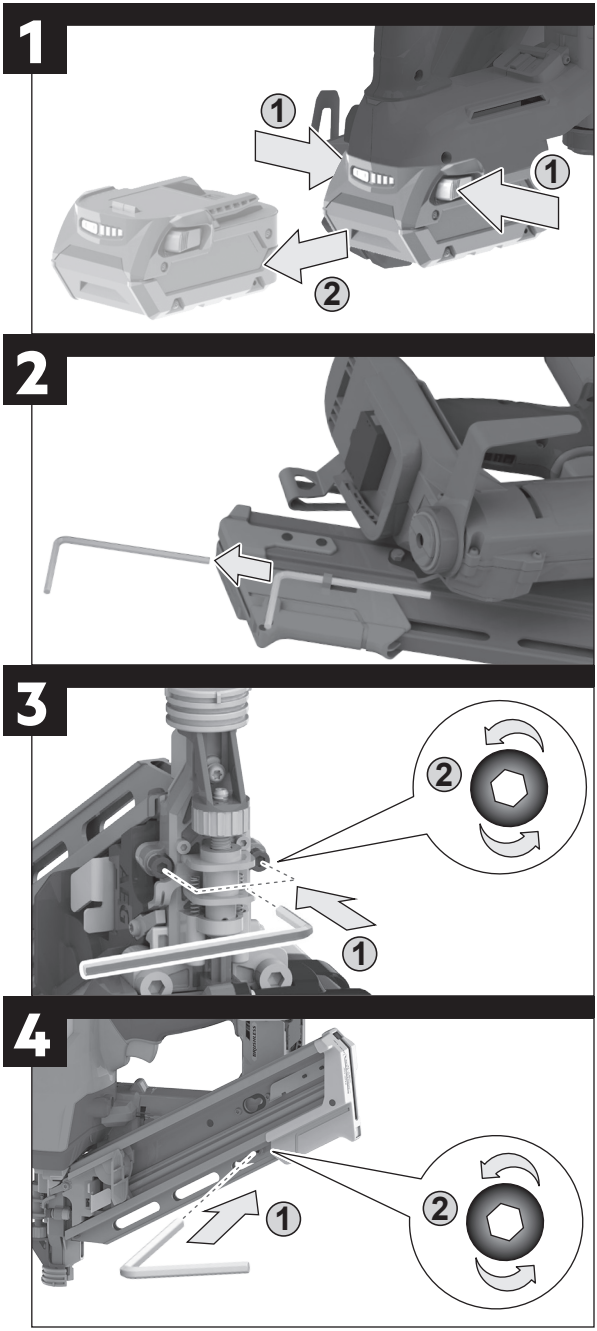
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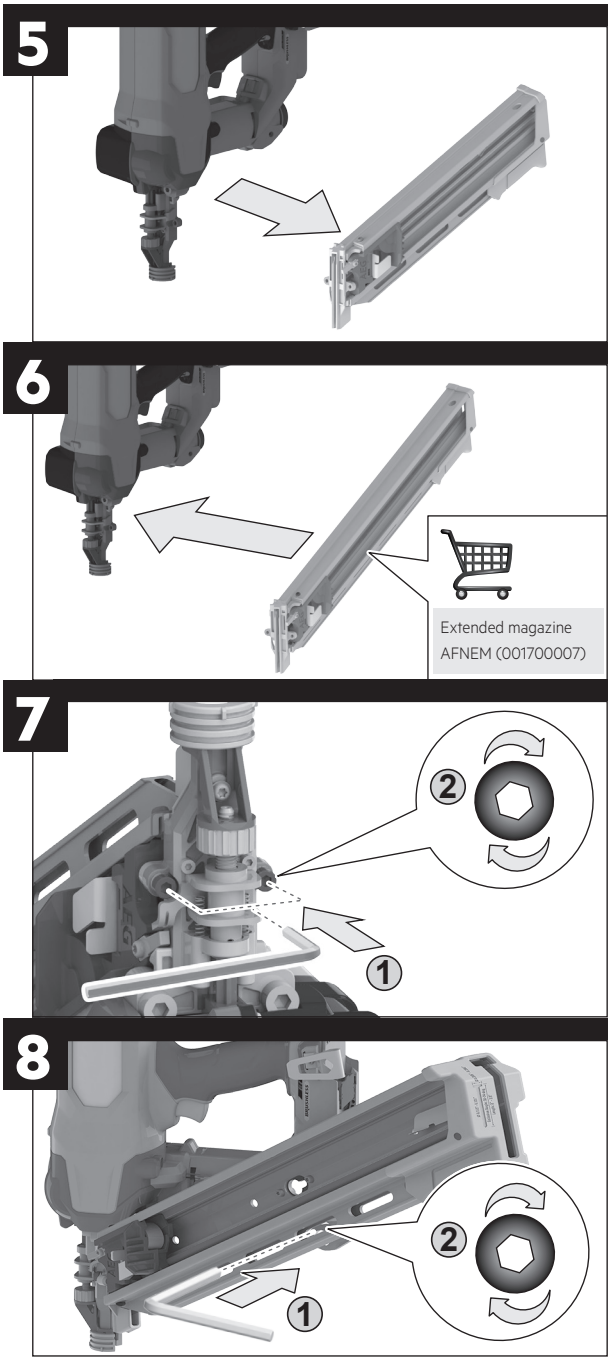
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Extended magazine
AFNEM (001700007)
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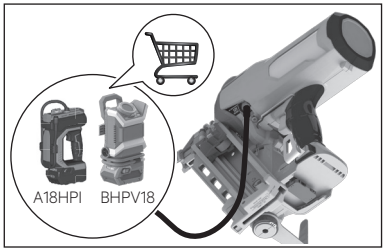
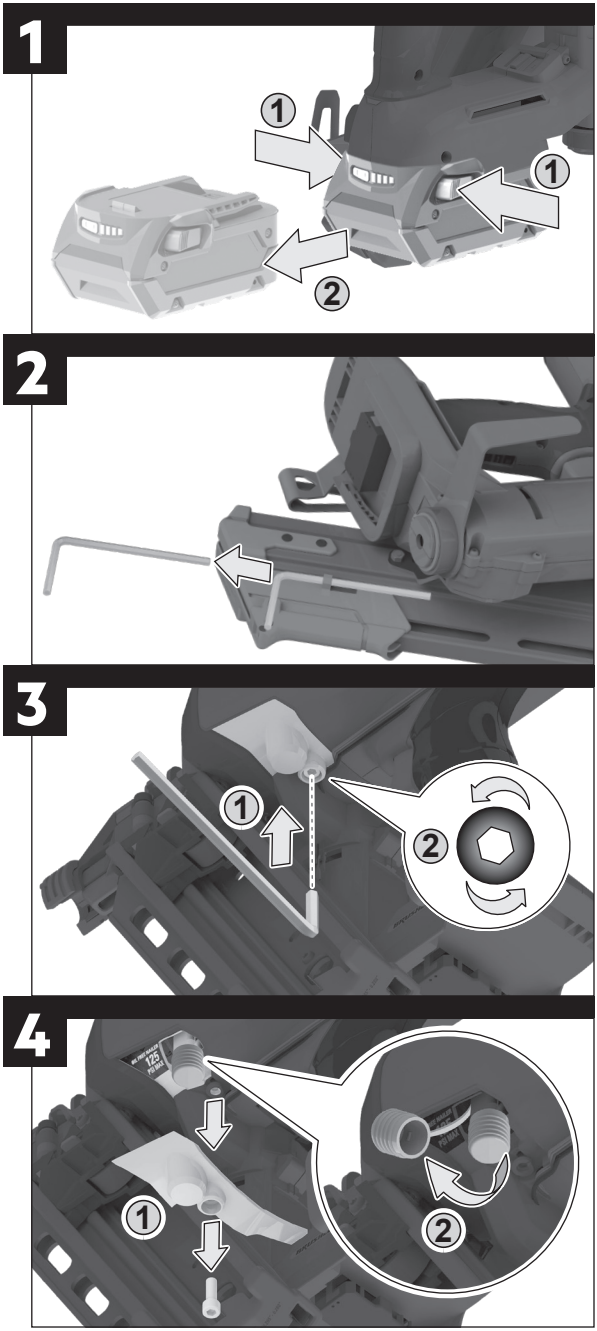


After the initial use, you may notice a decrease in performance. Refilling the air pressure tank to 125 psi can help restore the unit's performance.



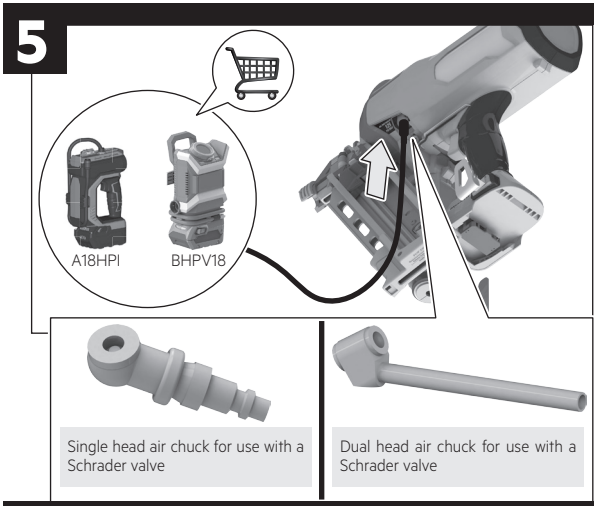
Connect an inflator/air compressor to the valve and pressurise the tank to a maximum of 125 psi. Allow the tool to recharge for approximately 30 seconds.

Type of air chuck required: Compatible with Schrader Valve with 0.305"-32TPI thread

NOTE: It is normal to hear a hissing sound while the tank is being refilled. Do not overfill. Always check the pressure before use. If overfilling occurs, a safety overflow valve will open to allow the excessive pressure to escape. Once the pressure has decreased, the valve will close automatically.

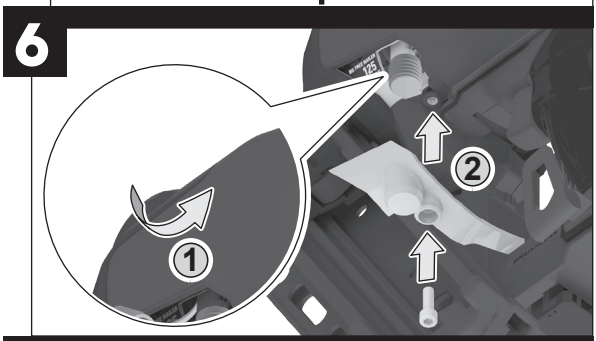
⚠ WARNING!

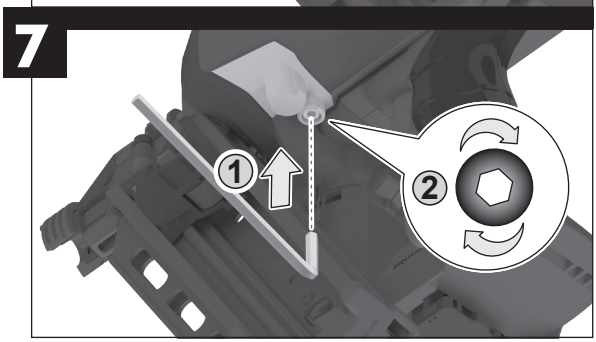
Never pressurise the tank to more than 125 psi. Failure to heed this warning can result in serious personal injury.



Single head air chuck for use with a Schrader valve

Dual head air chuck for use with a Schrader valve





TECHNICAL DATA	NAILER	A18F10FN / A18F10FNNZ
Rated voltage		18 V
Fastener type		30-34 ° D-Head Hard Paper Strip Framing nails (Clipped Head)
Diameter		2.9 to 3.3 mm
Length min./max		50/90 mm
Recommended Cycle rate		500/hr
Burst cycle rate (A18F10FN) – bump fire mode		3 / second
Burst cycle rate (A18F10FNNZ)		2 / second
Magazine capacity		67 nails (3.06 mm diameter)
Fastener range		50 to 90 mm
Weight - not including battery pack		4.2 kg

Noise/vibration information

Measured values determined according to EN 60 745.

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

Sound power level (K = 3 dB(A)) ..... L_{pA} = 95.5 dB (A)

Sound pressure level (K = 3 dB (A)) ..... L_{wA} = 106.5 dB (A)

Wear ear protectors!

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

Vibration emission value ..... a_h = 12.2 m/s^2

Uncertainty K ..... 1.5 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 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 (in case of vibration), and organising work patterns.

BATTERY AND CHARGER

Compatible battery pack (not included)	Compatible charger (not included)
L1820R	
L1820S	
A18FB2	
L1825R	
L1830R-X5	AL18G
L1840R	BL1218
A18B4	BLK1218
A18FB4	BL18DPS
L1850R	BL18S
A18FB5	
L1860R	
L1860R-X5	
L1890R	

Use AEG 18V battery and charger only

⚠ **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.

NAILER SAFETY WARNINGS

Always assume that the tool contains fasteners. Careless handling of the nailer can result in unexpected firing of fasteners and personal injury.

Do not point the tool towards yourself or anyone nearby. Unexpected triggering will discharge the fastener causing an injury.

Do not actuate the tool unless the tool is placed firmly against the workpiece. If the tool is not in contact with the workpiece, the fastener may be deflected away from your target.

Disconnect the tool from the power source when the fastener jams in the tool. While removing a jammed fastener, the nailer may be accidentally activated if it is plugged in.

Use caution while removing a jammed fastener. The mechanism may be under compression and the fastener may be forcefully discharged while attempting to free a jammed condition.

When fastening electrical cables, make sure the cables are not energized. Hold the tacker only by insulated gripping surfaces.

Use only fasteners designed for electrical cable installations. Inspect that the fastener has not damaged the insulation of the electrical cables. A fastener that damages the insulation of electric cables can lead to electric shock and fire hazards.

Do not use this nailer for fastening electrical cables. It is not designed for electric cable installation and may damage the insulation of electric cables thereby causing electric shock or fire hazards.

Additional safety warnings

The tool is designed for single-hand use. Do not hold the tool by the front of the magazine. Do not put hands, head, or other parts of your body near the bottom of the magazine where the nail exits the tool, as serious personal injury could be caused.

Always ensure that the workpiece contact is fully positioned above the workpiece. Positioning the workpiece contact only partially above the workpiece could cause the nail to miss the workpiece completely and result in serious personal injury.

Do not drive nails near edge of material. The workpiece may split causing the nail to ricochet, injuring you or a coworker. Be aware that the nail may follow the grain of the wood, causing it to protrude unexpectedly from the side of the work material or deflect, possibly causing injury.

Keep hands and body parts clear of immediate work area. Hold workpiece with clamps when necessary to keep hands and body out of potential harm. Be sure the workpiece is properly secured before pressing the fastener against the material. The workpiece contact may cause the work material to shift unexpectedly.

Keep face and body parts away from back of the tool cap when working in restricted areas. Sudden recoil can result in impact to the body, especially when nailing into hard or dense material.

During normal use the tool will recoil immediately after driving a fastener. This is a normal function of the tool. Do not attempt to prevent the recoil by holding the nailer against the work. Restriction to the recoil can result in a second fastener being driven from the nailer. Grip the handle firmly, let the tool do the work and do not place second hand on top of tool or near exhaust at any time. Failure to heed this warning can result in serious personal injury.

Do not drive fasteners on top of other fasteners or with the tool at an overly steep angle as this may cause deflection of fasteners which could cause injury.

Always check the work area for hidden wiring, gas lines, water lines, etc., before using the product on such work area.

After using the product in the contact actuation mode, switch it back to the full sequential mode.

The driving depth of the nail may be adjusted beyond air pressure. It is advisable to test the depth on a scrap workpiece to determine the required depth for the application.

Only fasteners matching the description in the product specifications table can be used with this tool. Using incorrect fasteners may lead to jamming or other malfunctions.

Always remove the battery before adjusting the depth of drive.

Do not press the trigger while adjusting the depth of drive.

Always select full sequential firing mode before adjusting the depth of drive.

Do not point the tool towards yourself or anyone nearby when adjusting the depth of drive.

The product will restart automatically if stalled. Switch off the product immediately if it stalls. Do not switch on the product again while it is still stalled, as doing so could trigger a sudden recoil with a high reactive force. Determine why the product stalled and rectify this, paying heed to the safety instructions.

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.

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

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

Sawdust and splinters must not be removed while the product 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 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.

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.

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.

Before first use, test the nailer function with scrap wood. This will ensure correct performance of the nailer. If the nailer experiences performance issues, re-inflate the air tank following the instructions given.

SPECIFIED CONDITIONS OF USE

The nailer is intended to drive nails in soft materials such as wood.

This product is not suitable for fixing electric cables.

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 product automatically. To restart, switch the product off and then on again. If the product 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 product must be kept clear at all times.

⚠ **IMPORTANT! Do not throw away the hard case. Store the product in the hard case to protect it during transport. Without it, your warranty may be void if the product is damaged upon arrival to the service centre.**

To make a booking for service or replacement, scan the QR code below.

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

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.

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 product.

Fastener length

Wear eye protection

Keep hands away

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.

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
Product does nothing or operates sluggishly	Inadequate air pressure supply	Verify adequate air supply. Add air to the product through the air fill valve.
	Inadequate lubrication	Lubricate tool.
	Worn or damaged O-ring seals or bumper	Contact Authorised Service Centre for repair.
	Exposure to low temperatures	Allow product to warm to proper operating temperature.
	Exposure to high temperatures.	Allow product to cool to proper operating temperature.
Product jams frequently	Incorrect fasteners	Verify that fasteners are of the correct size.
	Damaged fasteners	Replace fasteners.
	Loose magazine	Tighten screws.
	Dirty magazine	Clean magazine.
	Worn or damaged driver	Contact Authorised Service Centre for repair.

LED LIGHT FUNCTIONS

TOOL STATUS	LED LIGHT SCENARIO	ACTION REQUIRED
Normal	Solid green light (No flashes)	No action needed
Low battery	Solid red light (No flashes)	Recharge or replace battery. If problem persists, contact an Authorised Service Centre for repair.
Jam mode	Flashing red light	Clear jam – Follow instructions in this operator's manual.

MAINTENANCE SCHEDULE

FREQUENCY	BOXES OF NAILS	NUMBER OF NAILS	MAINTENANCE TASKS
Daily	N/A	N/A	Clean body and blow out tool vents; clean magazine rack; check bolts/screws for anything that is loose.
Monthly	5 - 7	15000 - 21000	Lubricate nosepiece with air tool oil. (Oil type: Synthetic lightweight oil) **WARNING!** Do not lubricate other parts of the product. Otherwise the product may be degraded or damaged.
2 - 4 months	10 - 20	30000 - 60000	Check pressure of tank and re-pressurise.
6 - 12 months	21 - 26	65000 - 80000	Return to Authorised Service Centre for Service.

AEG

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

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