AEG

BPN18

Original instructions

www.irivet.ru

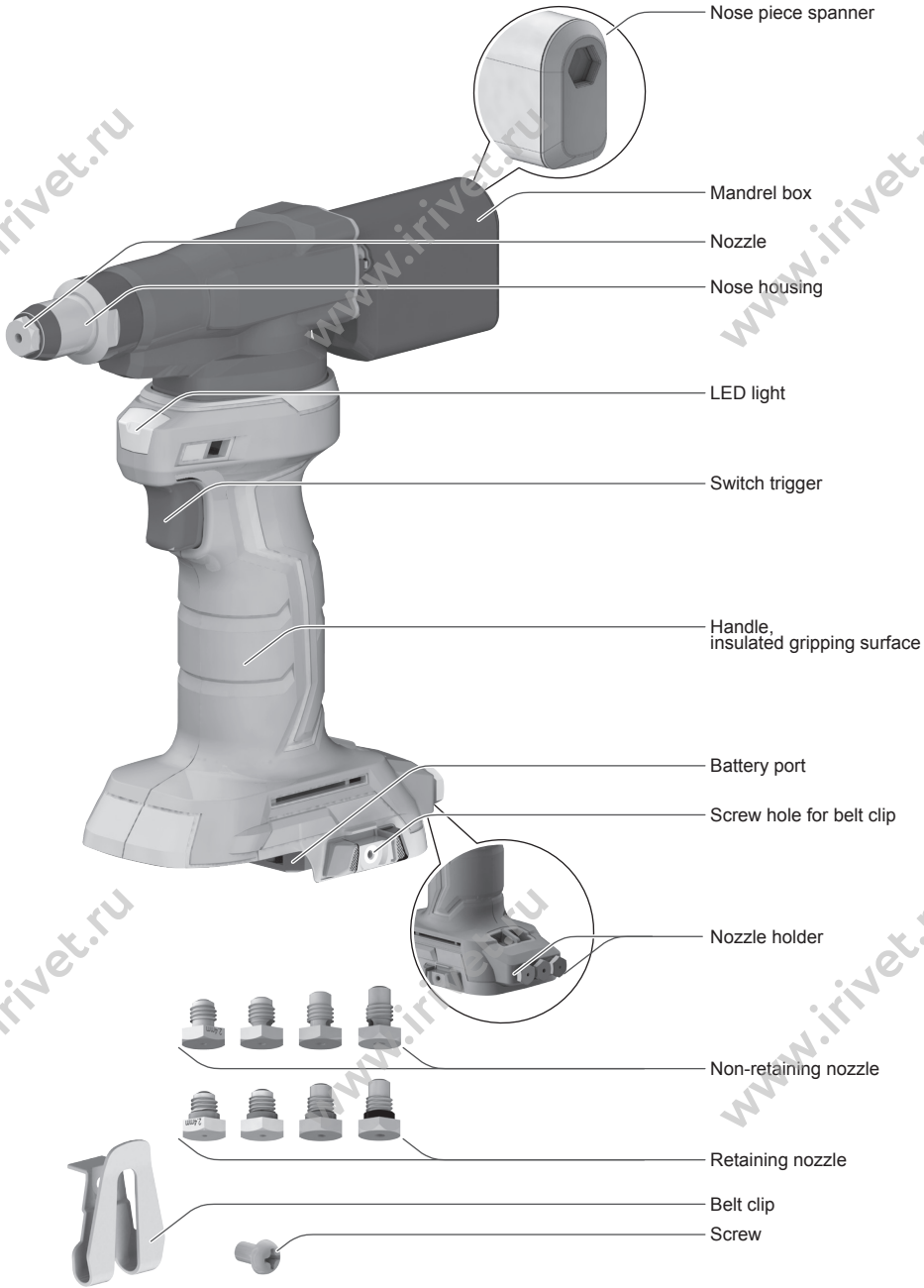
www.irivet.ru

Important!

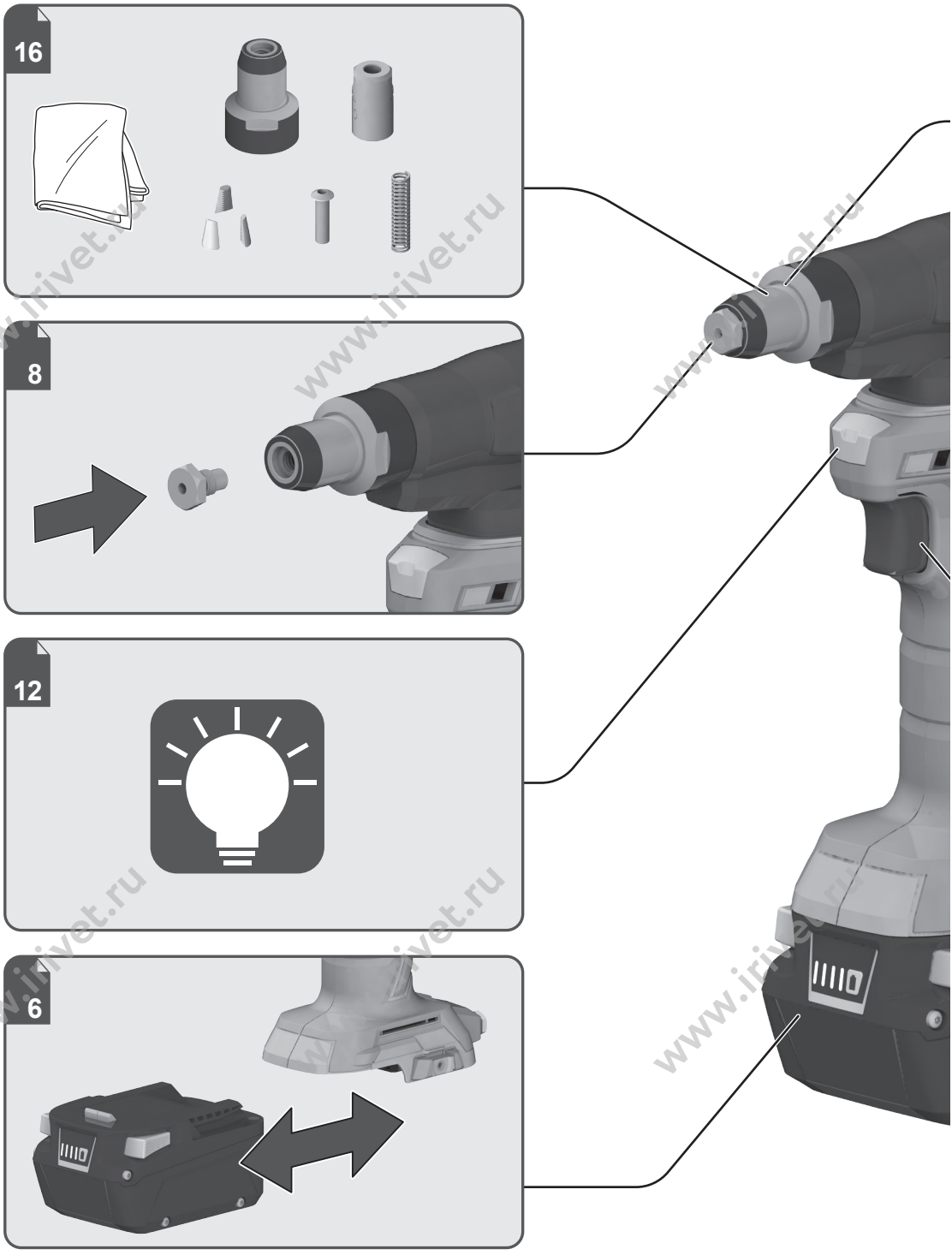
It is essential that you read the instructions in this manual before assembling, operating and maintaining the product.

Subject to technical modifications.

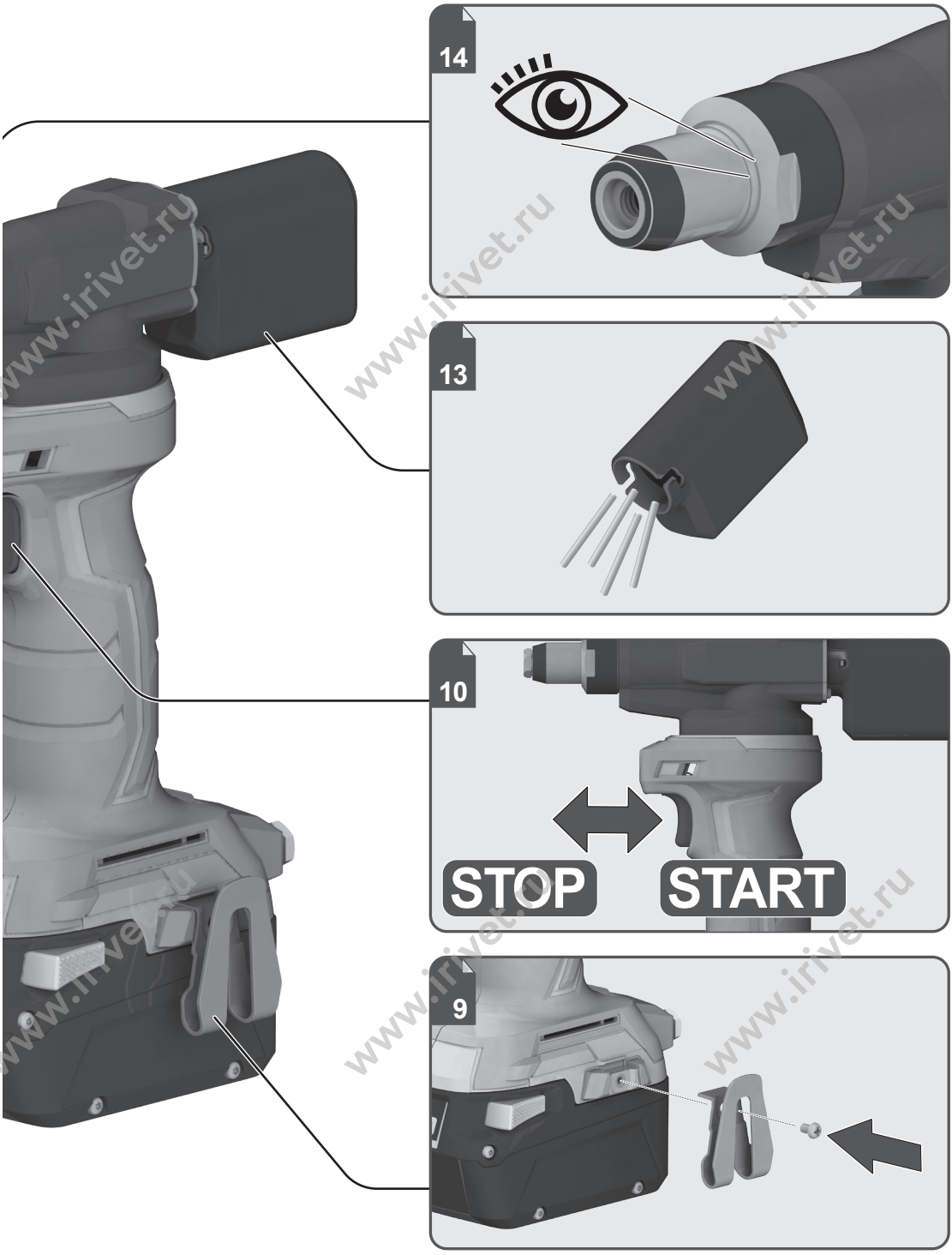
www.irivet.ru



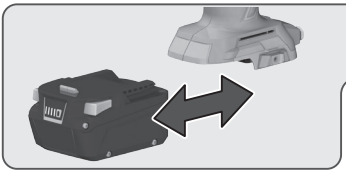
www.irivet.ru



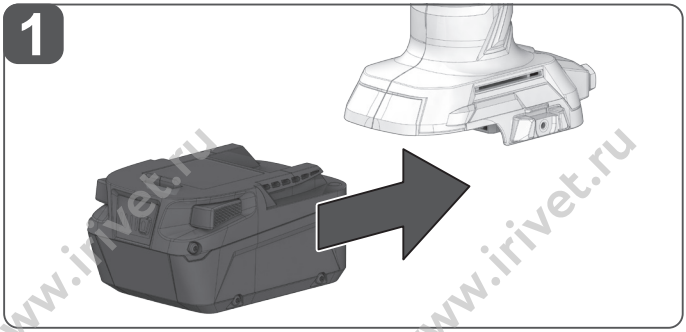
www.irivet.ru

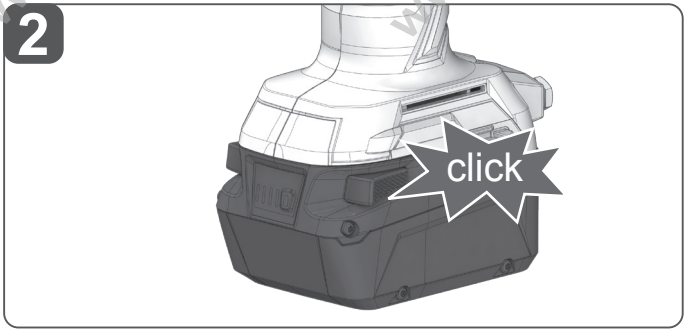


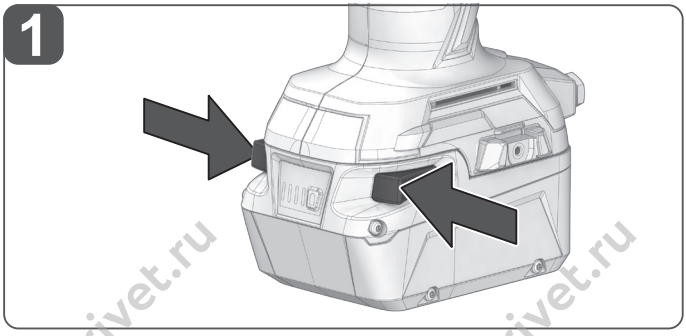
www.irivet.ru

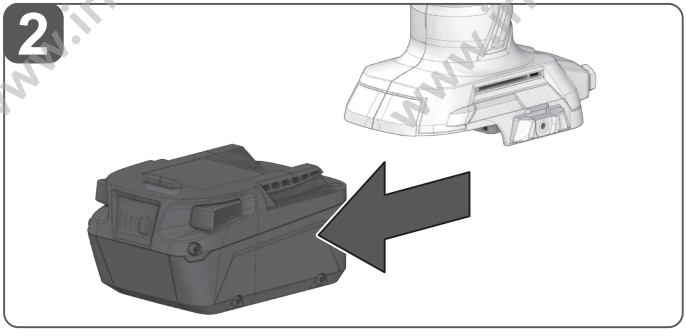


Remove the battery pack before starting any work on the product.

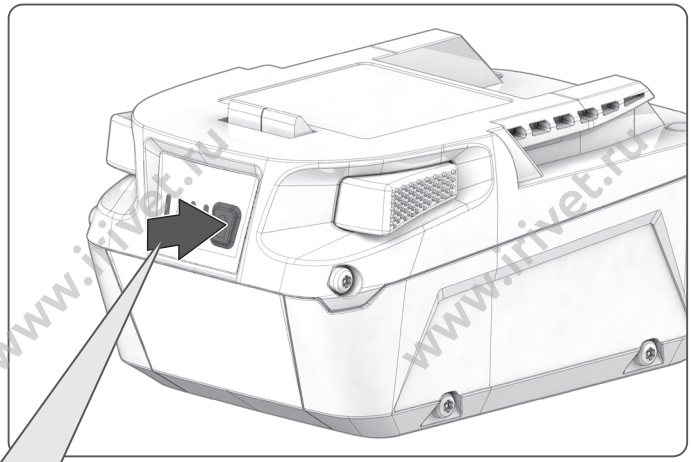


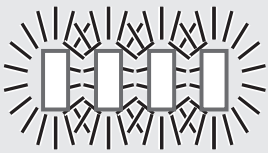




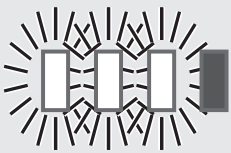


www.irivet.ru

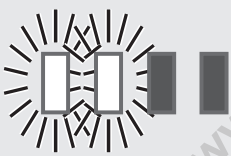




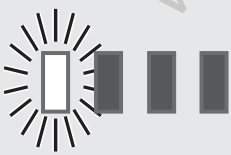
75-100 %



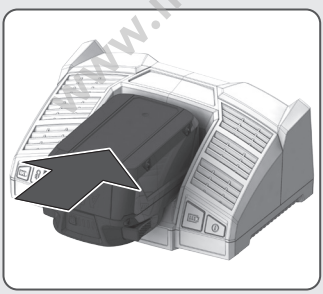
50-75 %



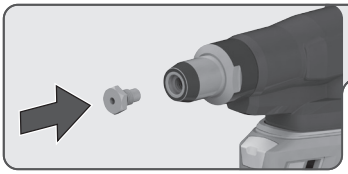
25-50 %



0-25 %



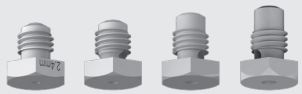
www.irivet.ru



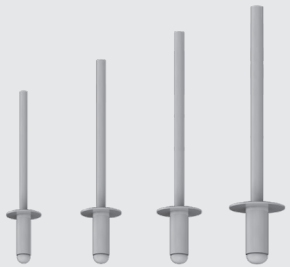
Ø2,4mm Ø3,2mm Ø4,0mm Ø4,8mm



Retaining nozzles (with rubber rings)

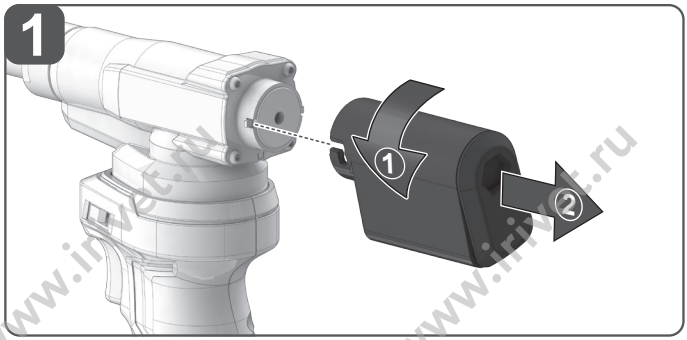


Non-retaining nozzles

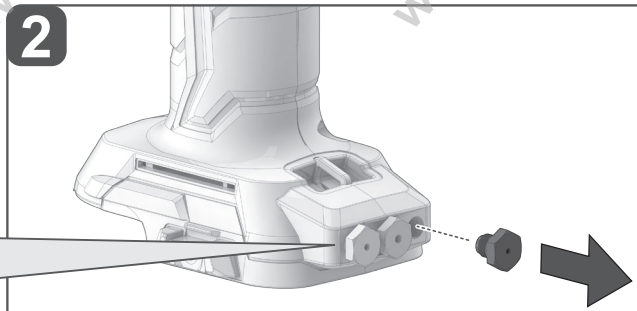


NOTE: Retaining nozzles will hold rivet in nozzle before driving.

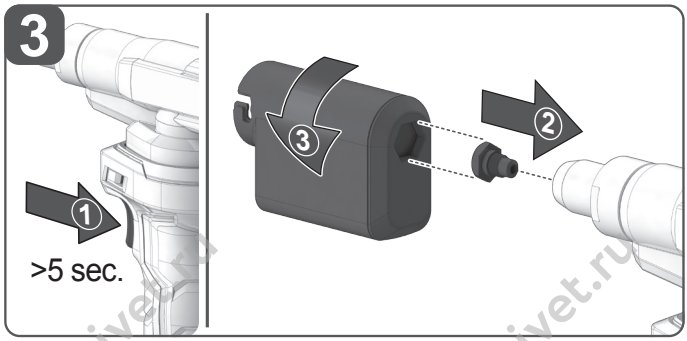
1



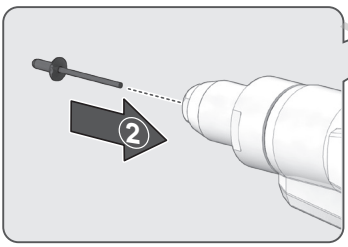
2

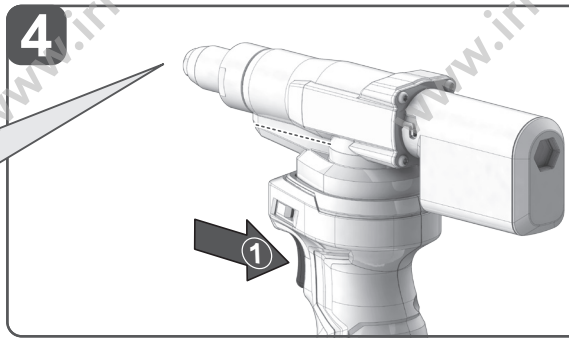


3

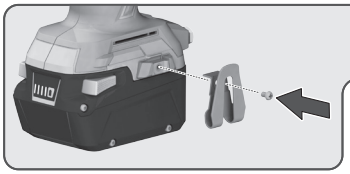


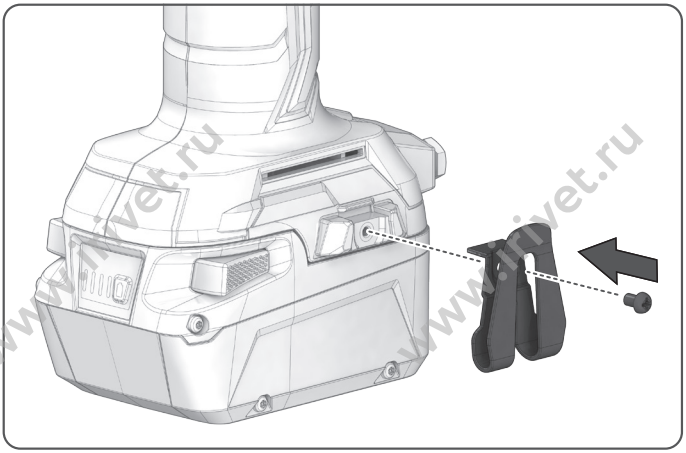
4

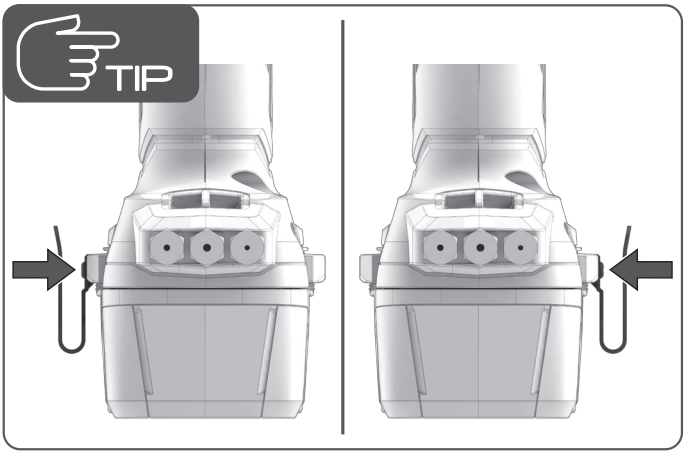




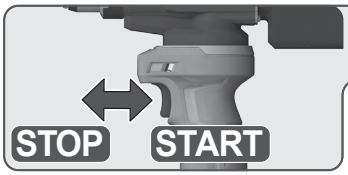
www.irivet.ru



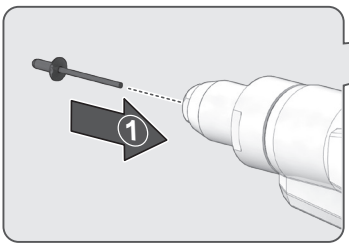


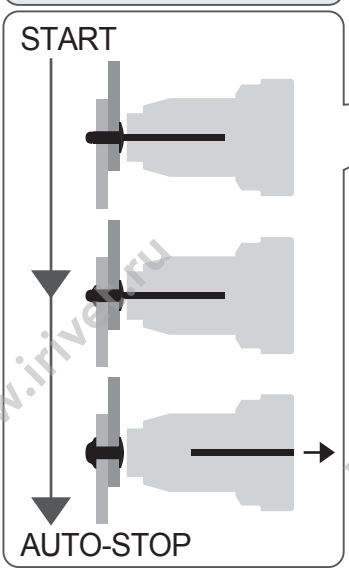


www.irivet.ru

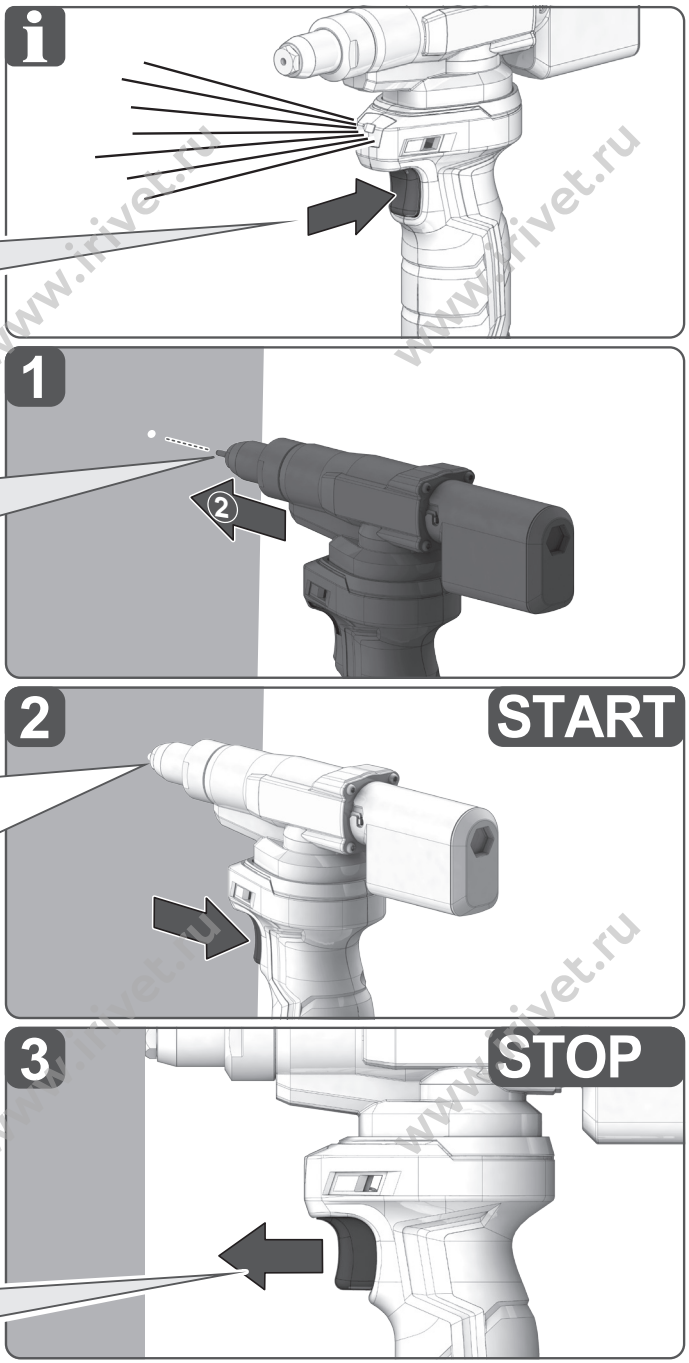


Press the trigger lightly to activate the LED to find the predrilled hole in poorly lit conditions.





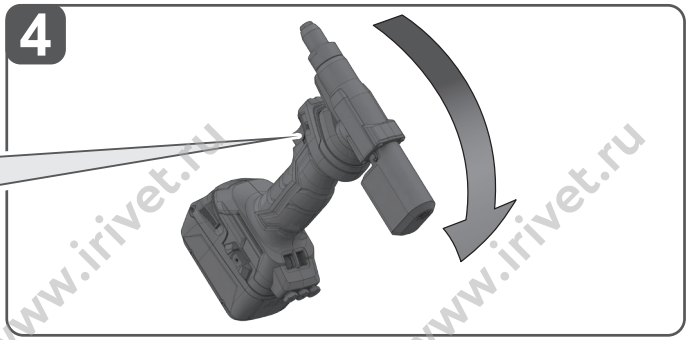
Depress and hold the trigger until the rivet has completed a full travel.



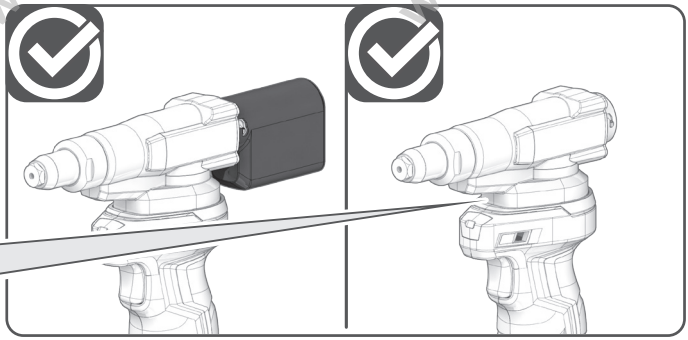
www.irivet.ru

Non-retaining nozzle: After driving a rivet, tip the gun back to slide mandrel into the mandrel box.

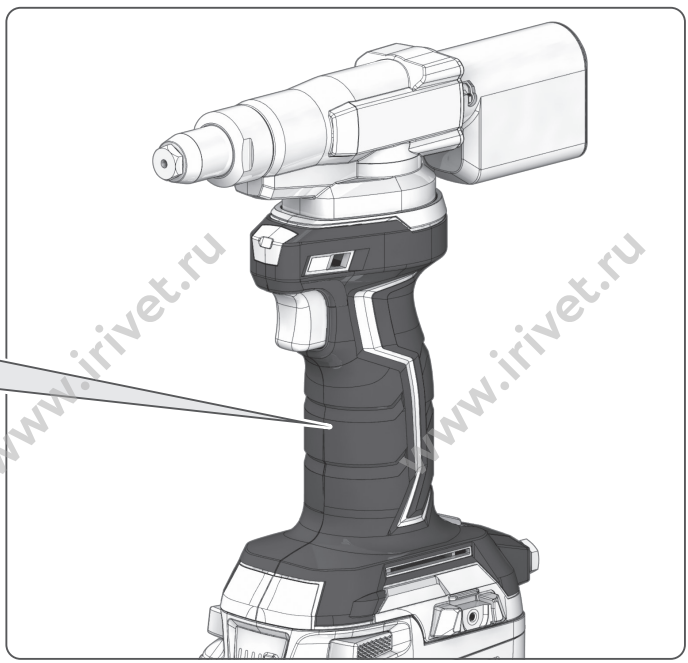
Retaining nozzle: After driving a rivet, the mandrel will be retained in the nozzle. Insert the next rivet to clear the mandrel from the nozzle. Tilt backwards to slide mandrel into mandrel box.



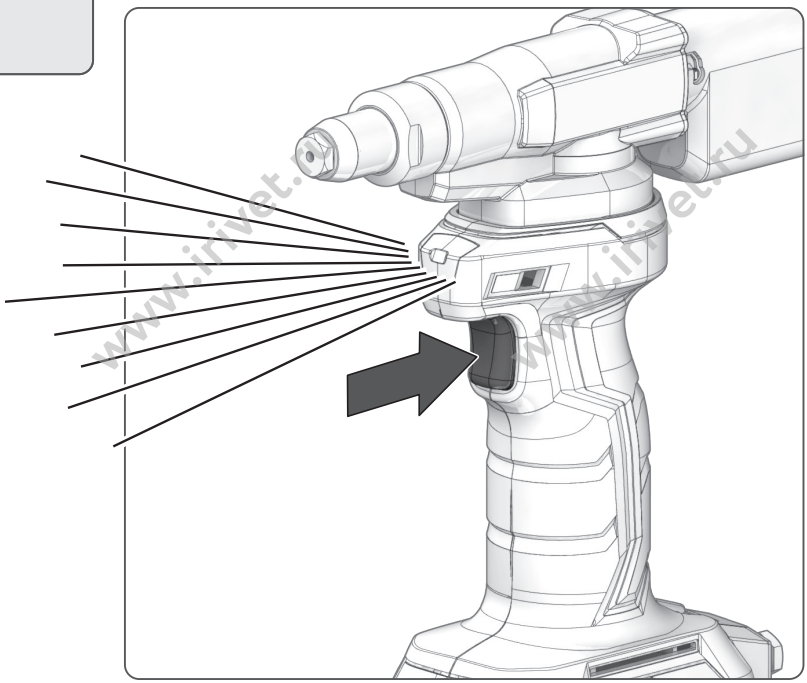
When using the tool without the mandrel box to access tight spaces, dispose of the mandrel manually.



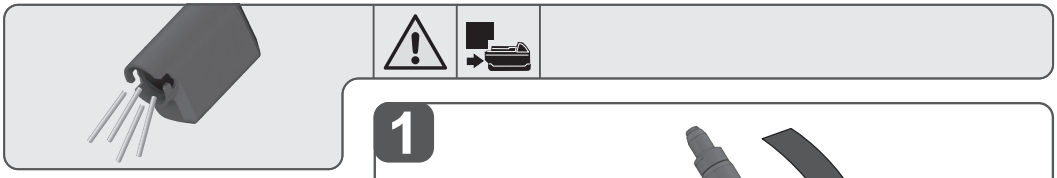
Handle (insulated gripping surface)

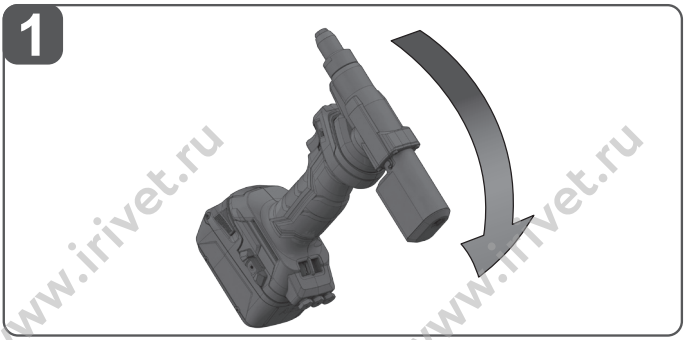


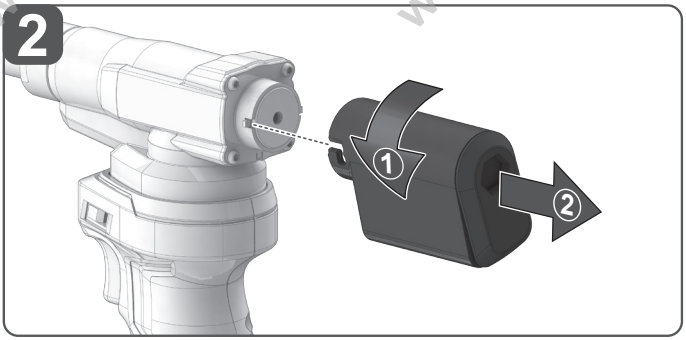
www.irivet.ru

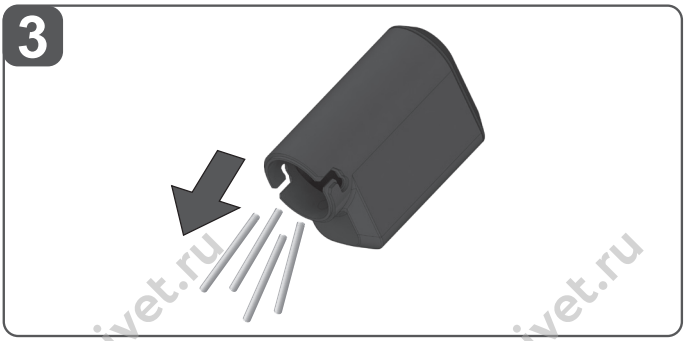


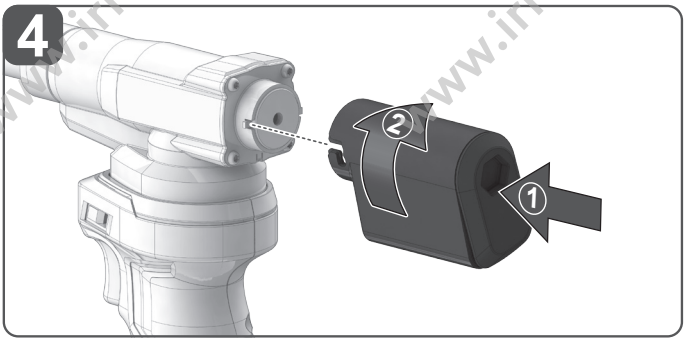
www.irivet.ru



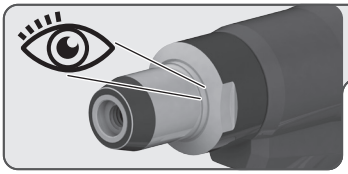


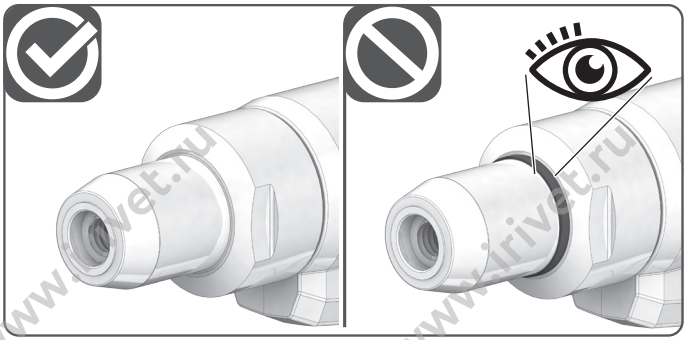




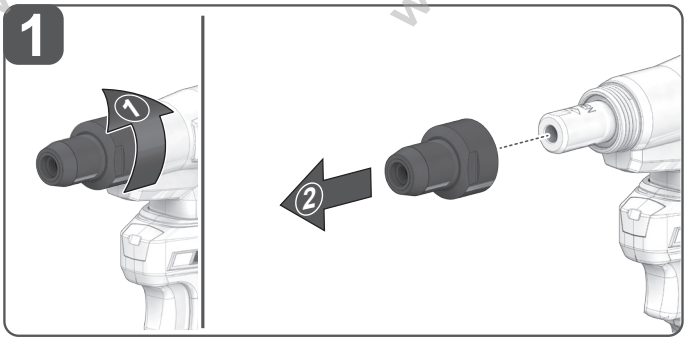


www.irivet.ru

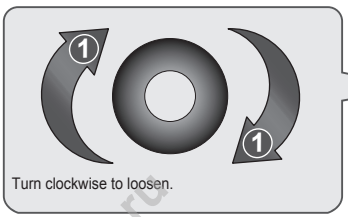




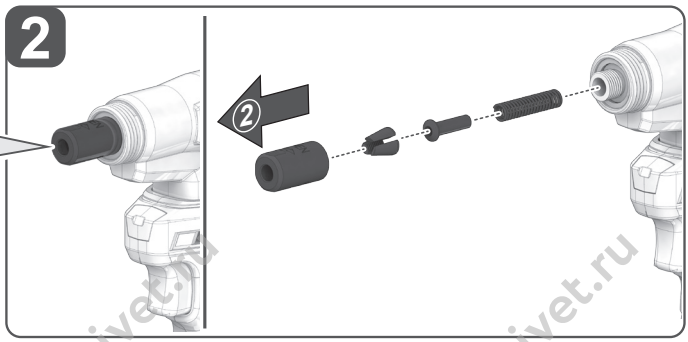
1



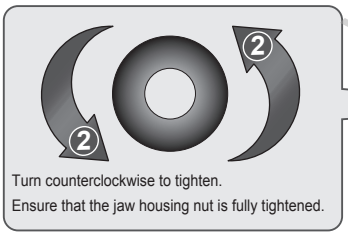
2



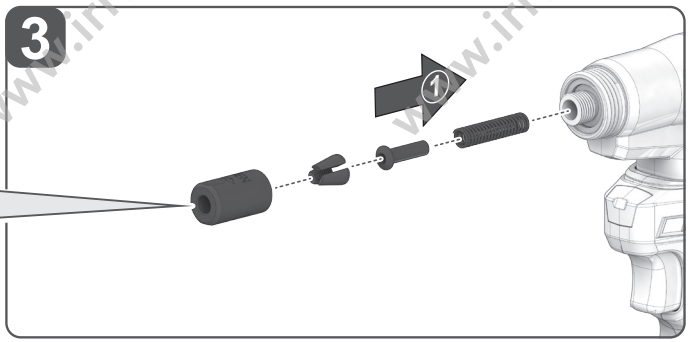
Turn clockwise to loosen.



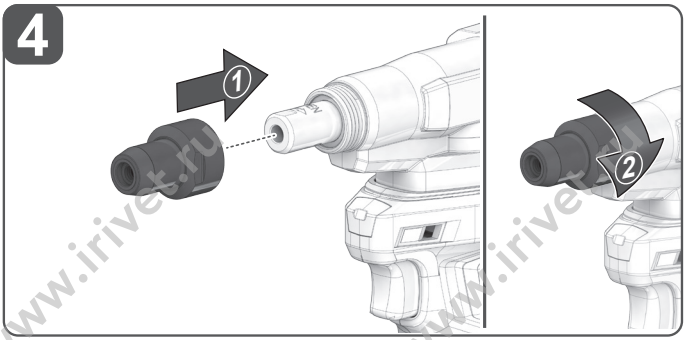
3

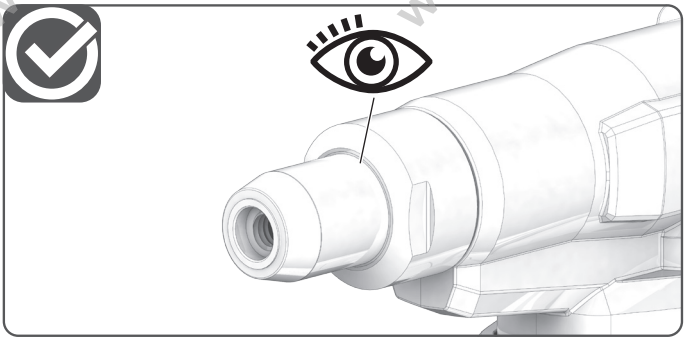


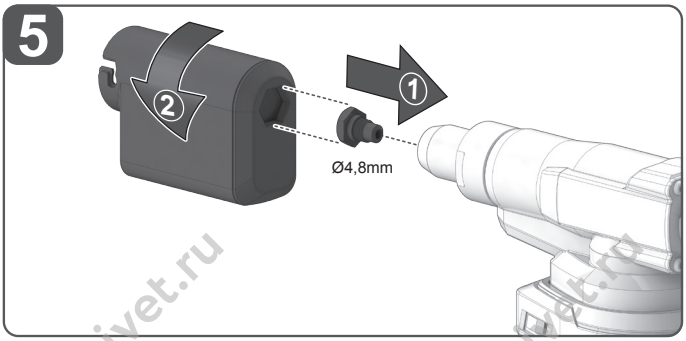
Turn counterclockwise to tighten.
Ensure that the jaw housing nut is fully tightened.

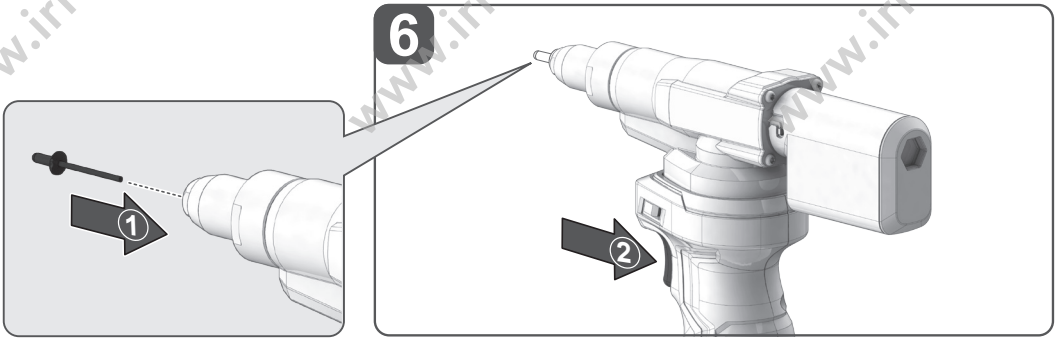


www.irivet.ru

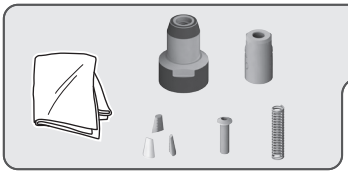






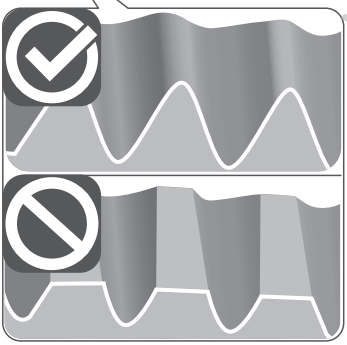


www.irivet.ru

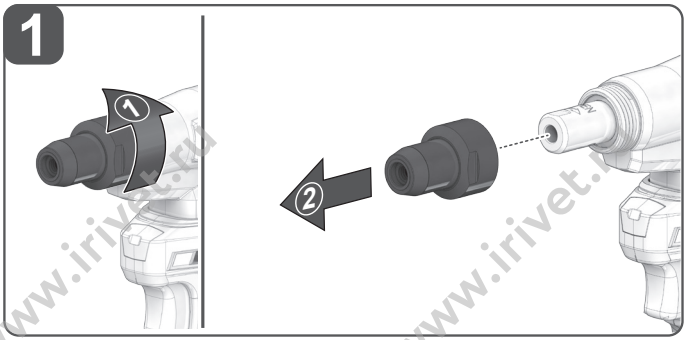


5000 x

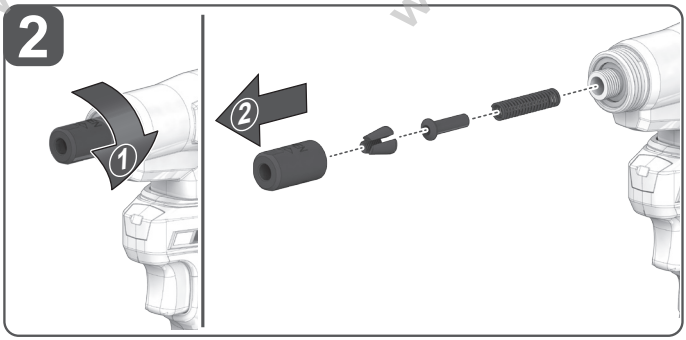




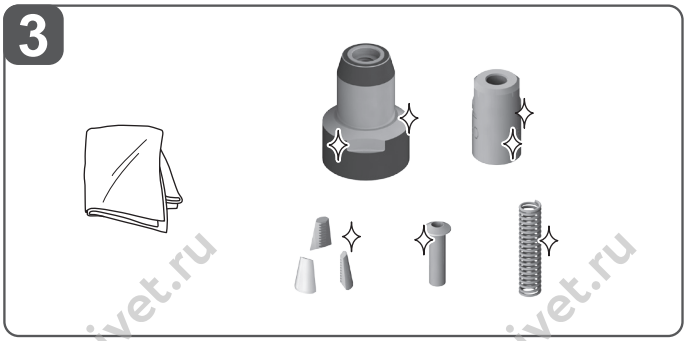
1



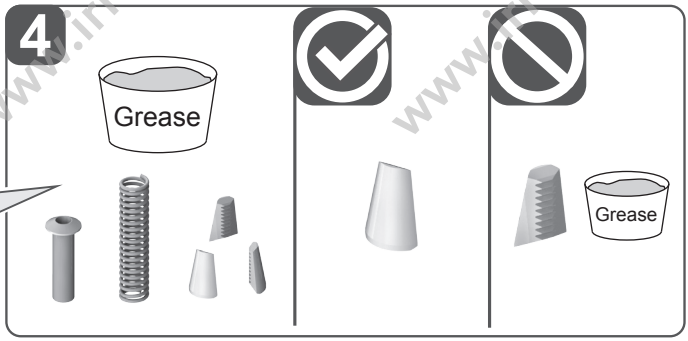
2



3

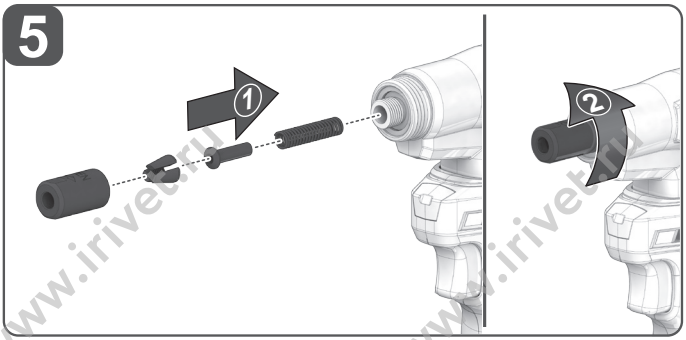


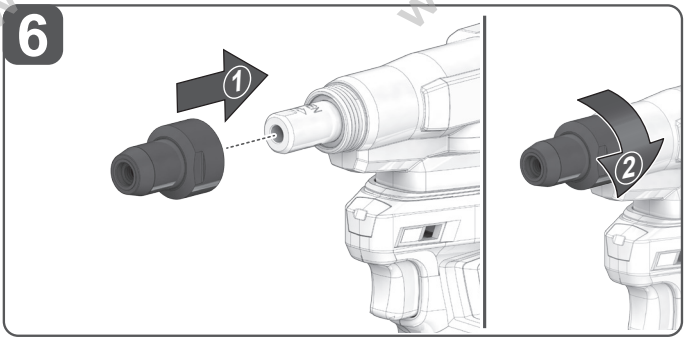
4

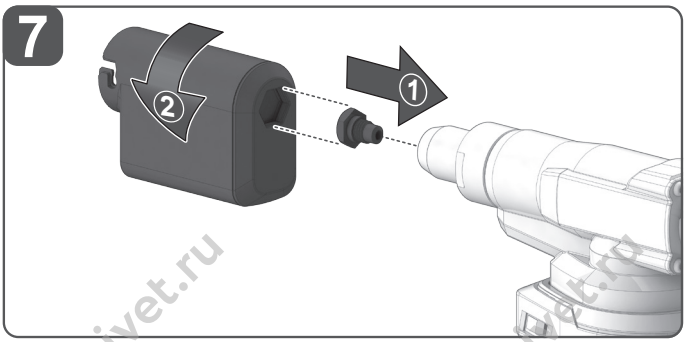


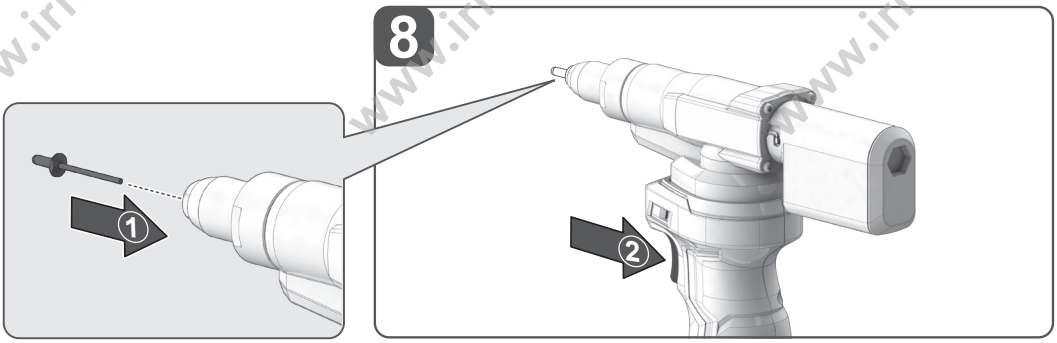
Apply a thin and even layer of grease to the components. Do not grease the jaw teeth.

www.irivet.ru









www.irivet.ru

TECHNICAL DATA	BPN18
Type	Rivet gun
Rated voltage	18 V ⎓
No-load speed	0.92 m/min
Pull force	11000 N
Tool stroke length	28.0 mm
Jaw diameter max.	4.8 mm
Rivet size Ø	2.4 mm / 3.2 mm / 4.0 mm / 4.8 mm
Rivet material	Aluminium / Copper / Steel / Stainless steel
Weight without battery pack	1.4 kg
Noise Information Measured values determined according to AS/NZS 62841. Typically, the A-weighted noise levels of the tool are: Sound pressure level (Uncertainty K=3dB(A)) Sound power level (Uncertainty K=3dB(A)) **Wear ear protection!**	 L_{pA} = 70.5 dB (A) L_{WA} = 81.5 dB (A)
Vibration Information Vibration total values (triaxial vector sum) determined according to AS/NZS 62841. Vibration emission value, a_h (Uncertainty K = 1,5 m/s^2)	 a_h = 0.7 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.

COMPATIBLE BATTERY PACKS (NOT INCLUDED)

L1820R	A18B4	L1860R
L1820S	L1840R	L1860R-X5
A18FB2	A18FB4	L1890R
L1825R	L1850R	
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 instruction for future reference.

RIVET GUN 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.

ADDITIONAL SAFETY AND WORKING INSTRUCTIONS

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

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 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.

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

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

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.

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

www.irivet.ru

packs. Do not use battery packs from other systems.

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

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.

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 20°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.

- Damage to hearing caused by noise – Wear suitable hearing protection and limit exposure.
- Injury to the eyes – Wear protective eye shields or goggles when using the product.
- Injury caused by vibration – Limit exposure. Follow the instructions in Risk Reduction.
- Electric shock caused by contact with hidden wires – Hold the product only by insulated services.
- 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 rivet gun may be used to fasten rivets on metal or plastic pieces.

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.

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 LI-ION BATTERY

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

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(0800 AEGPWR)
New Zealand

www.irivet.ru

SYMBOLS

	Read the instructions carefully before starting the product.
	CAUTION! WARNING! DANGER!
	Remove the battery pack before starting any work on the product.
	Wear eye protection.
	Wear protective gloves.
	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.
n_o	No-load speed
V	Volts
	Direct current
	Regulatory Compliance Mark (RCM). Product meets applicable regulatory requirements.

www.irivet.ru

www.irivet.ru
www.irivet.ru
www.irivet.ru
www.irivet.ru
www.irivet.ru
www.irivet.ru

www.irivet.ru
www.irivet.ru
www.irivet.ru
www.irivet.ru
www.irivet.ru
www.irivet.ru

www.irivet.ru
www.irivet.ru
www.irivet.ru
www.irivet.ru
www.irivet.ru
www.irivet.ru

AEG

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

www.irivet.ru

Techtronic Industries Australia Pty Ltd
47 Gilby Road, Mount Waverley,
VIC 3149, Australia

Techtronic Industries N.Z. Limited
Unit C, 70 Business Parade South,
Highbrook, Auckland 2013, New Zealand

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

961096698-03A