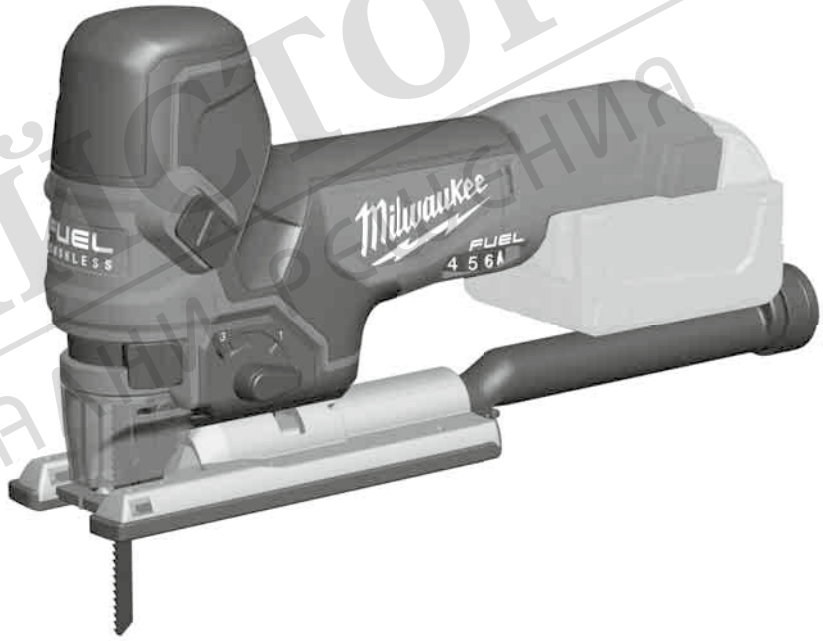
Nothing but **HEAVY DUTY.®**




# M18 FBJS

Original instructions

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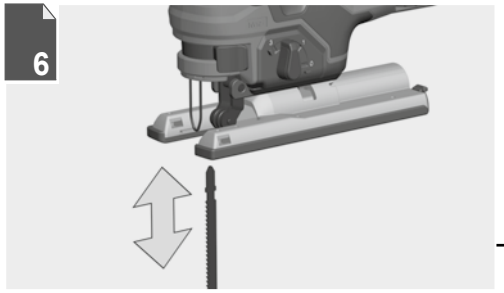
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Max-Eyth-Str. 10
71364 Winnenden
Germany
+49 (0) 7195-12-0
www.milwaukeetool.eu

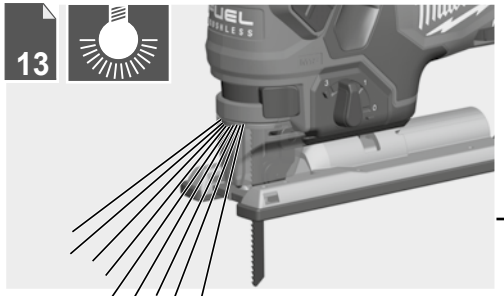
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Parkway
Marlow, SL7 1YL
UK

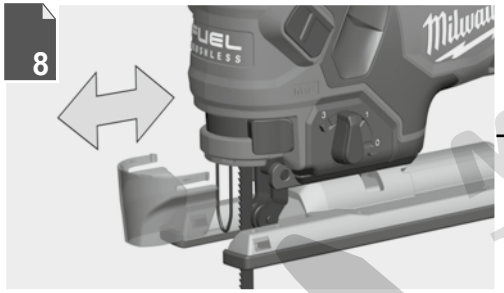
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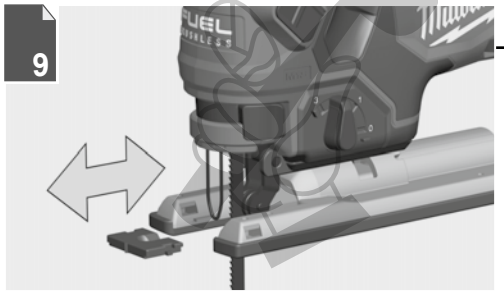
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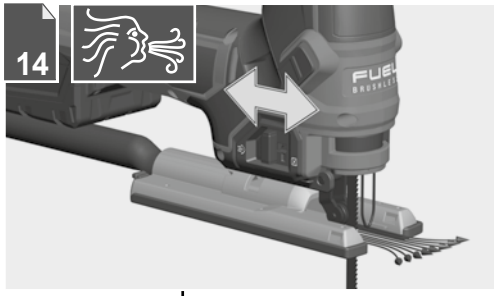
18 Text section with Technical Data, important Safety and Working Hints and description of Symbols

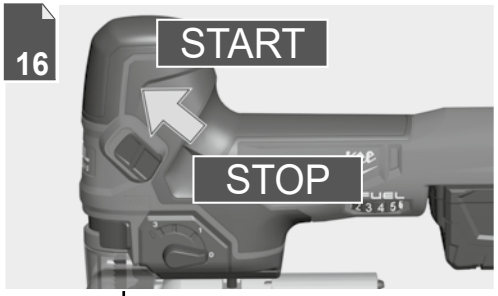


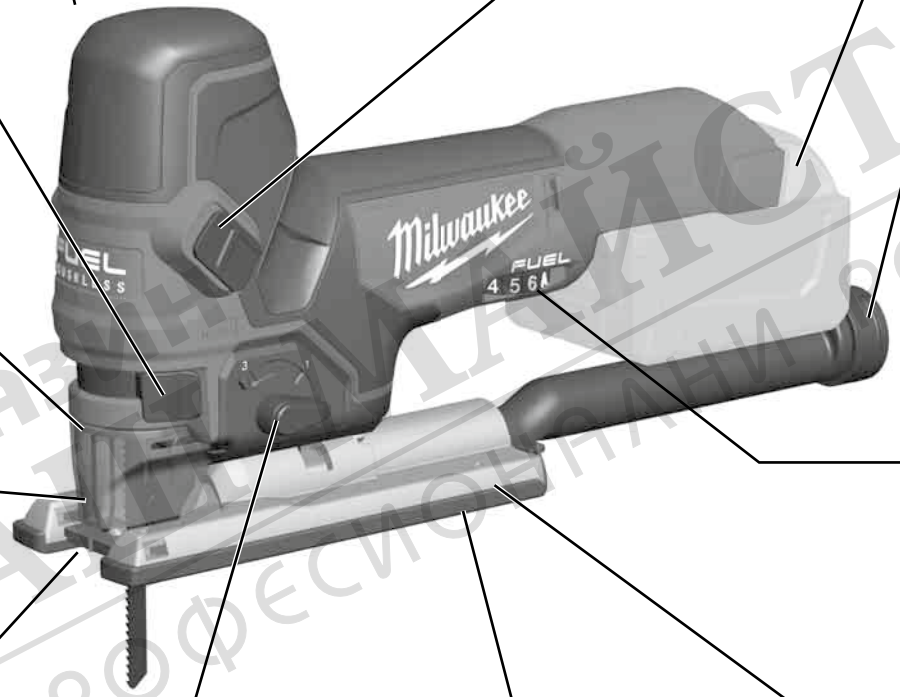



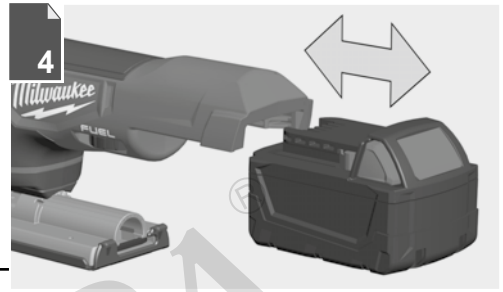



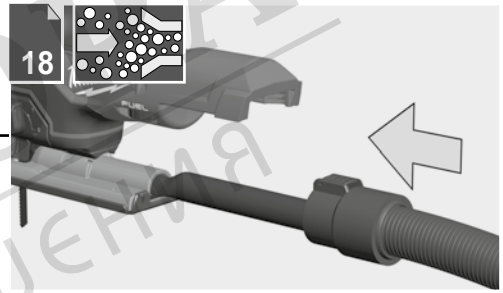



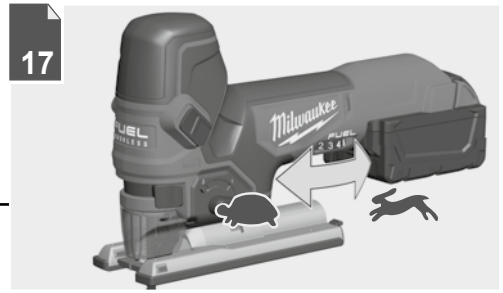


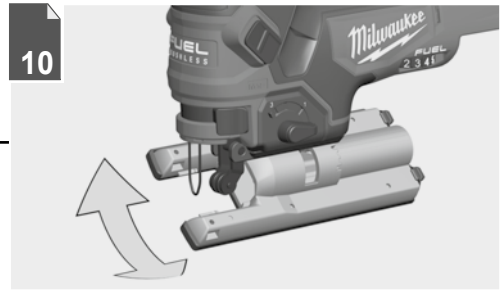


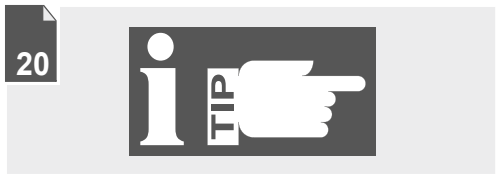


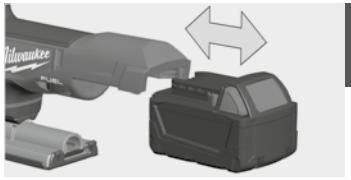



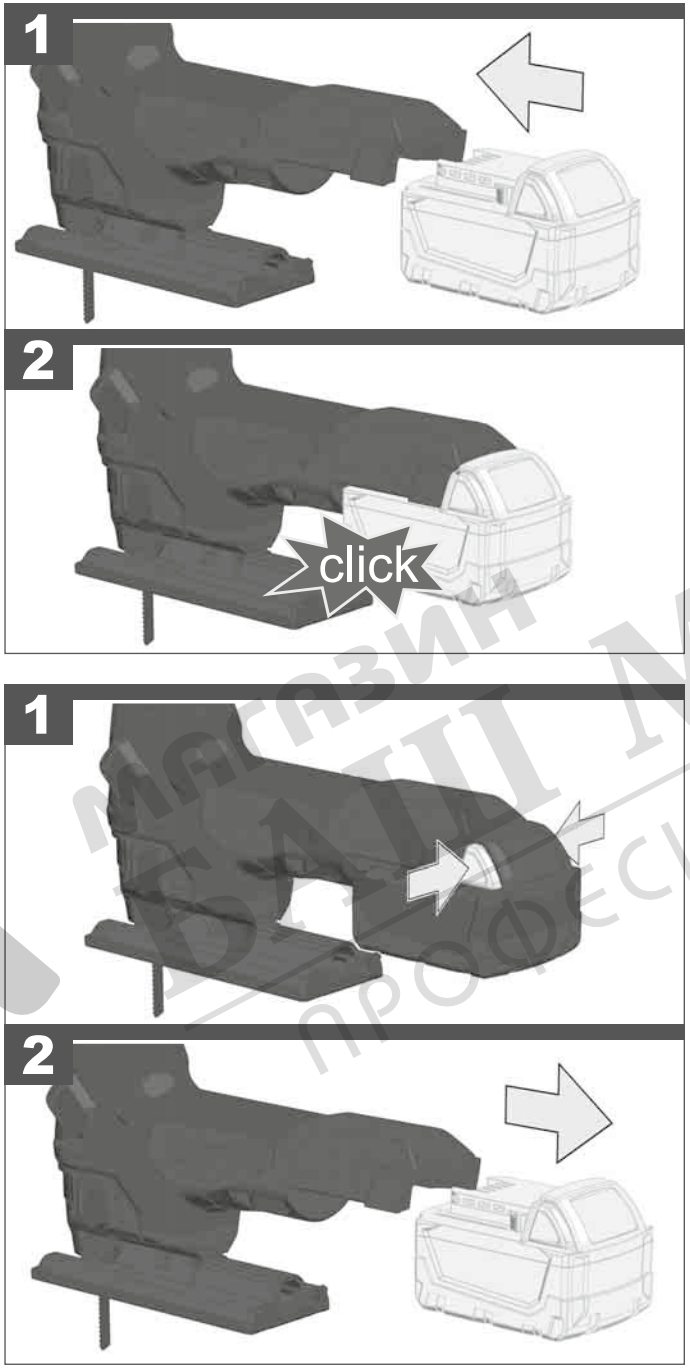



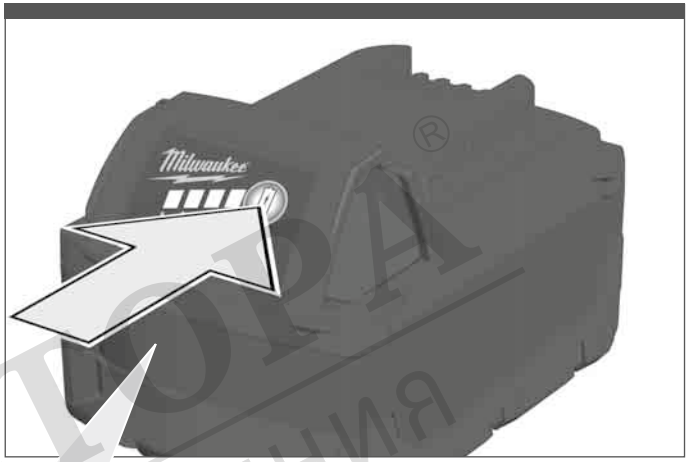



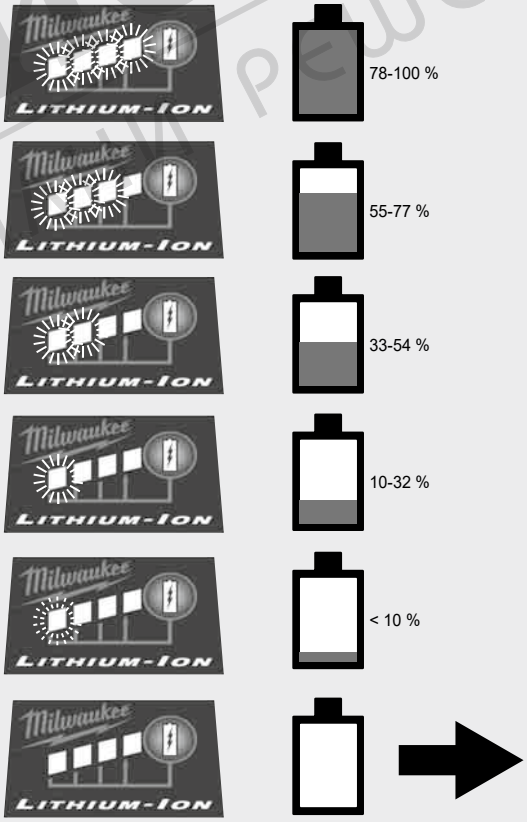

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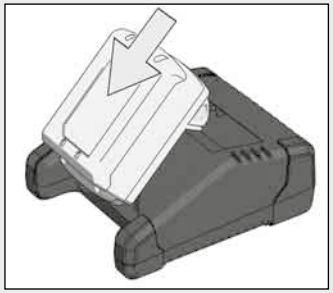


Remove the battery pack before starting any work on the machine.





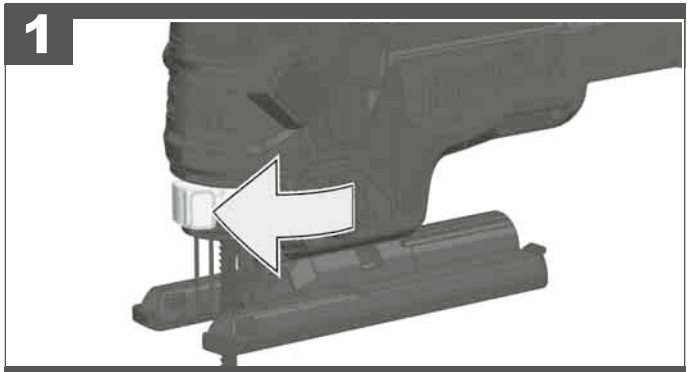



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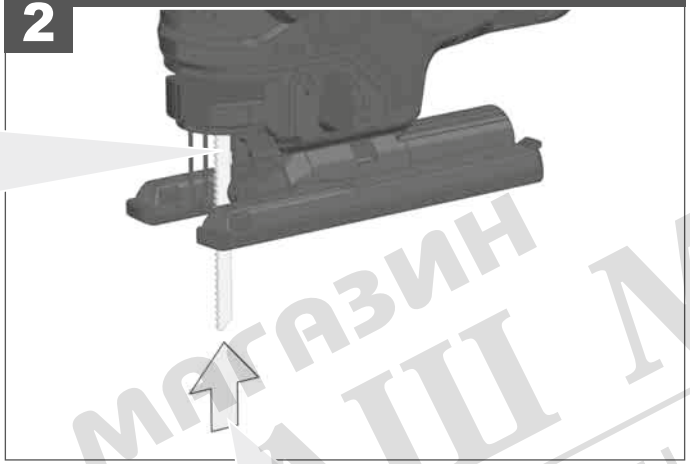


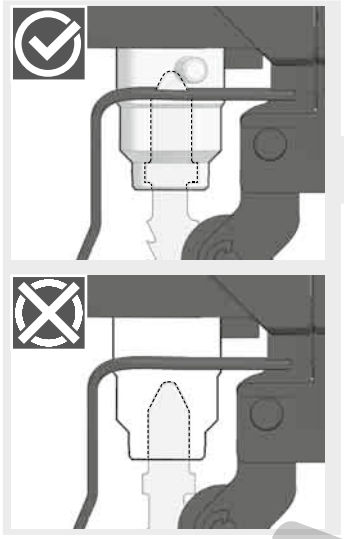


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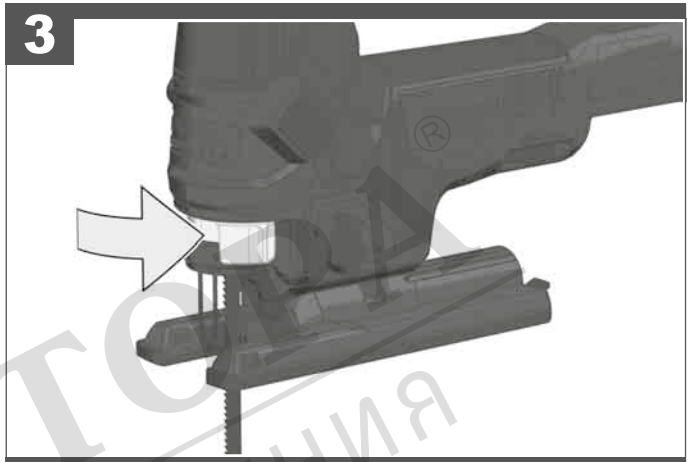




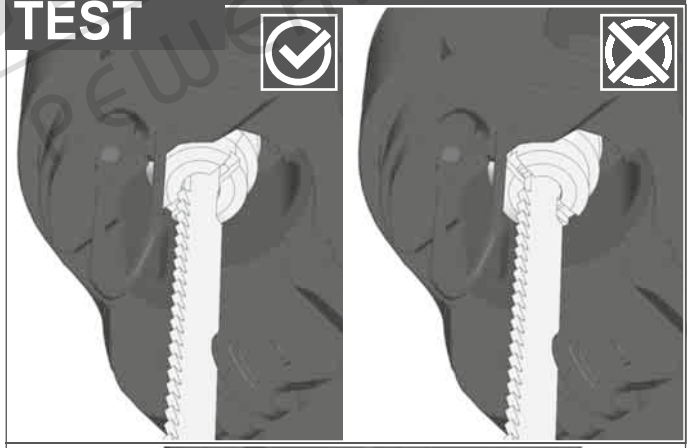
Press the saw blade into the Fixtec holder up to the stop.

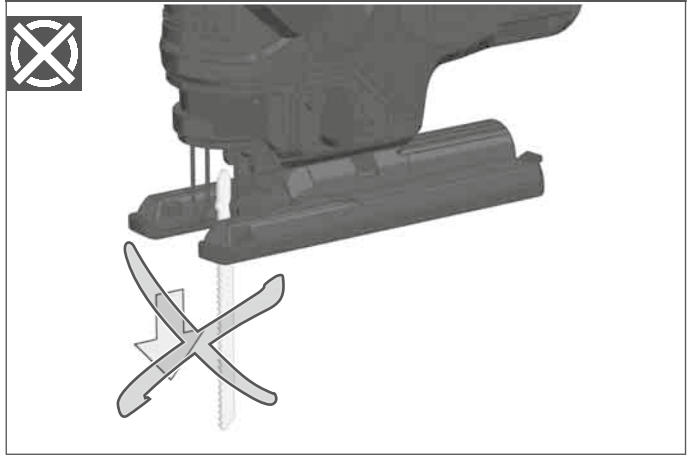


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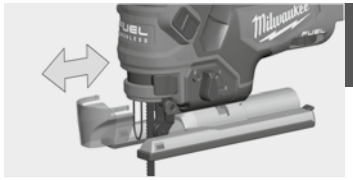


TEST

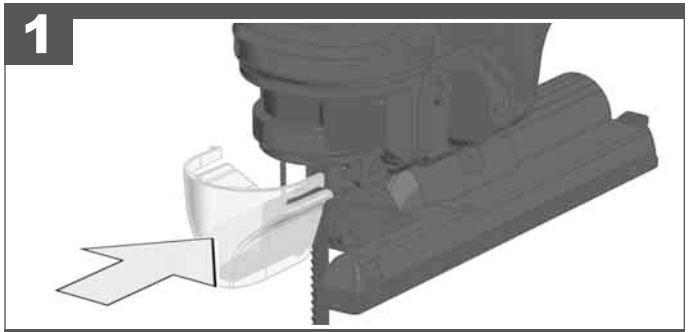




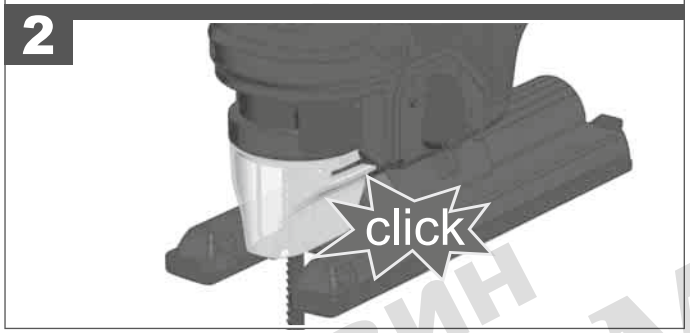
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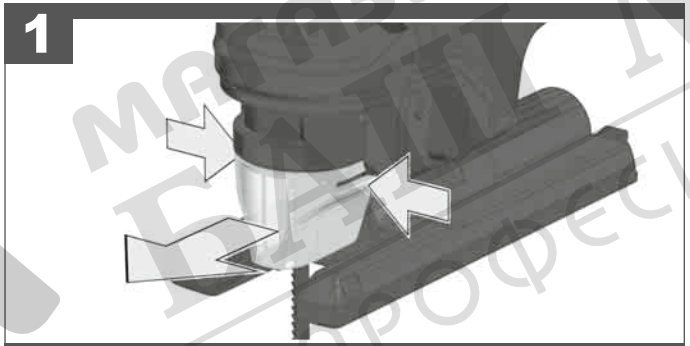
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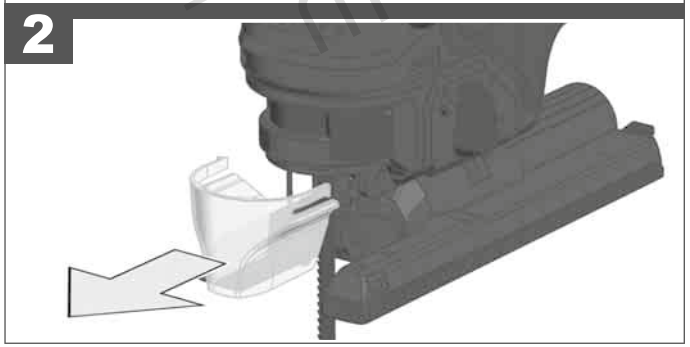
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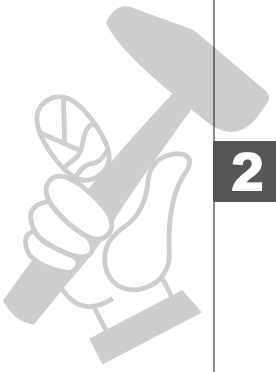



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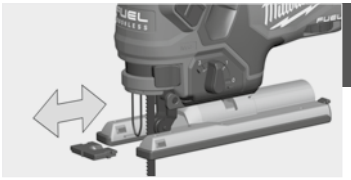


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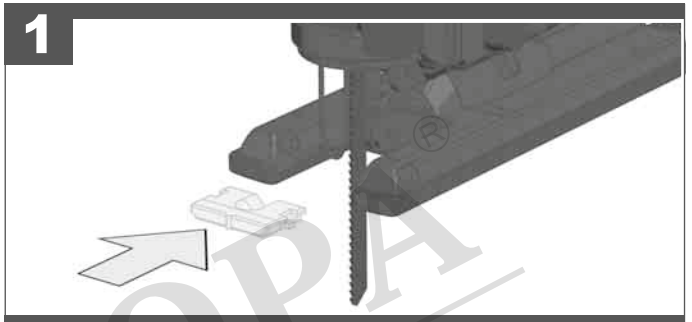




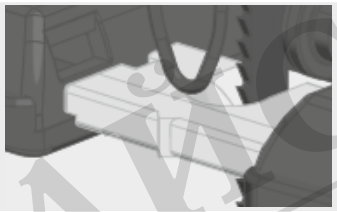


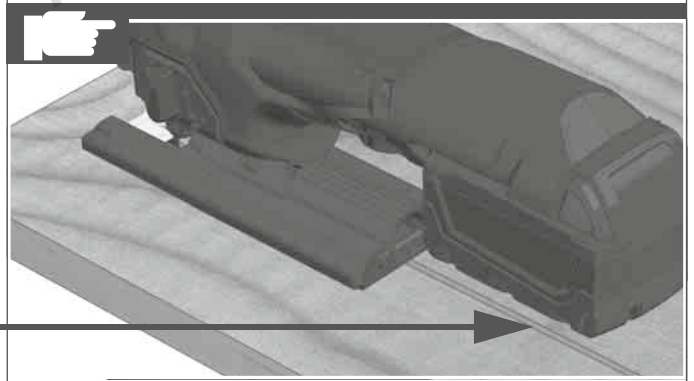


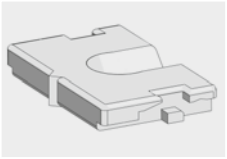
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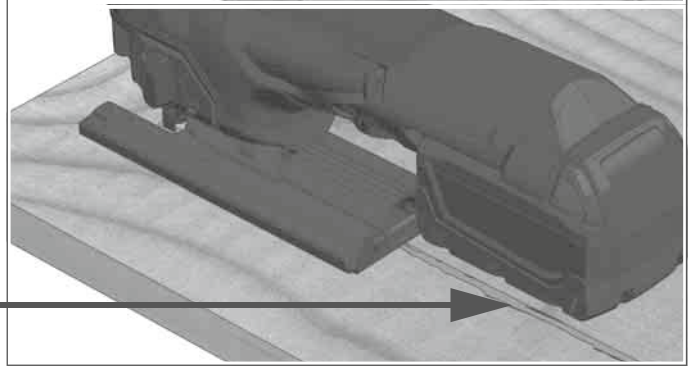


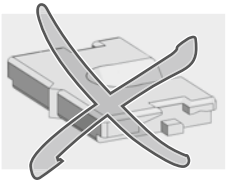
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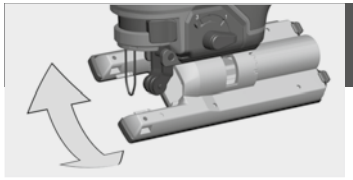




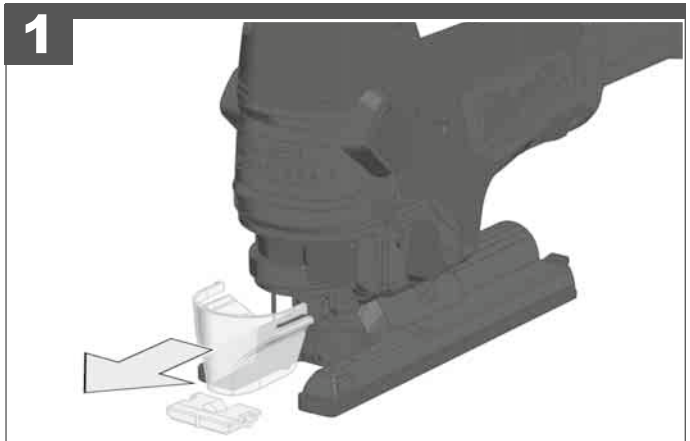




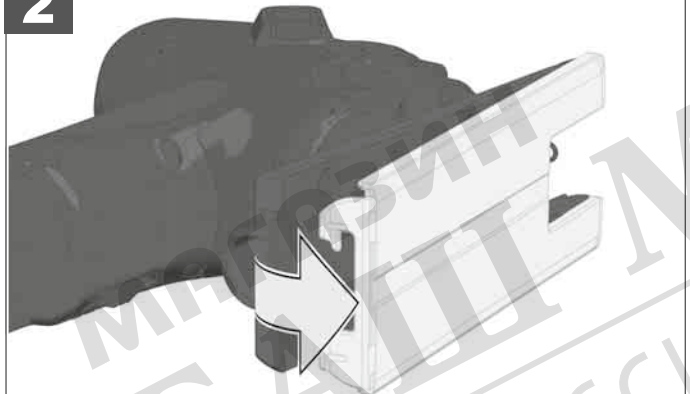
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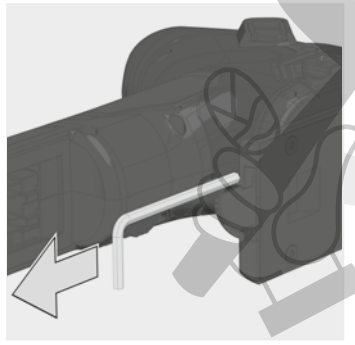
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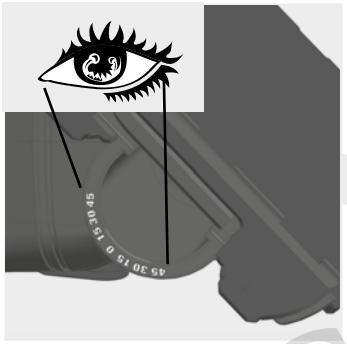


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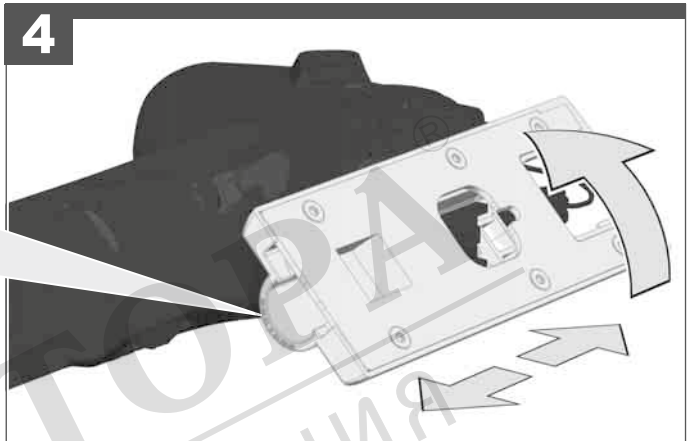


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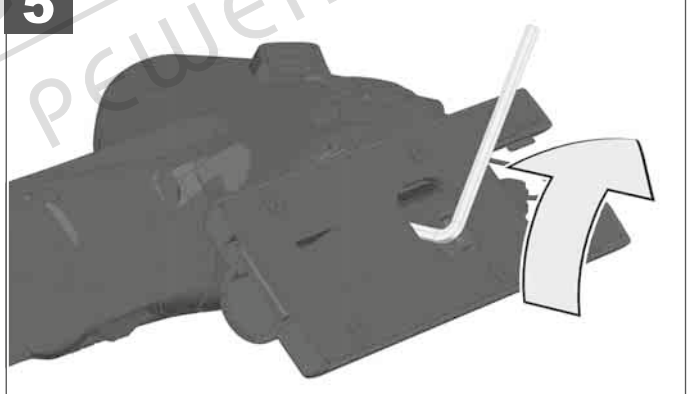





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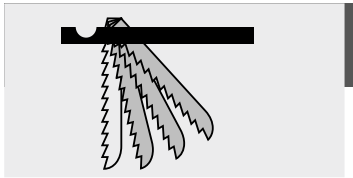
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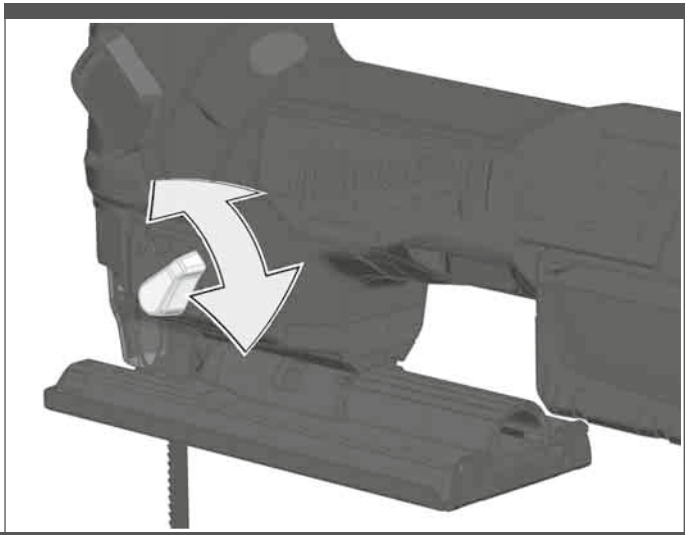


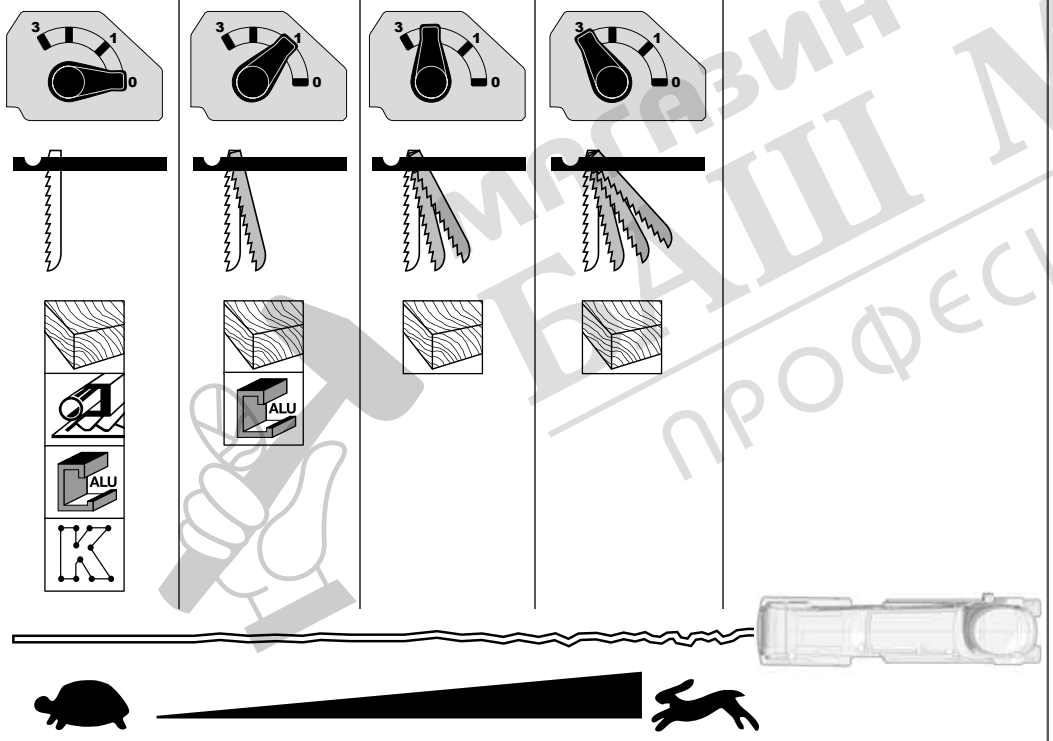
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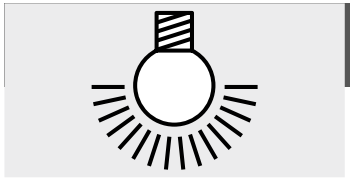
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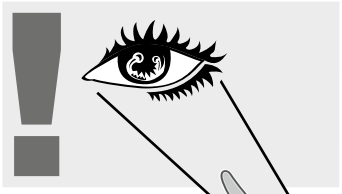


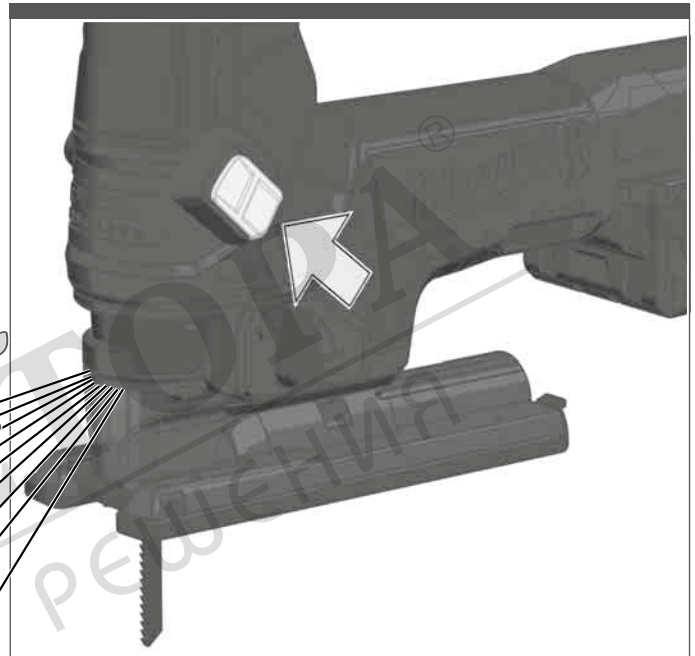


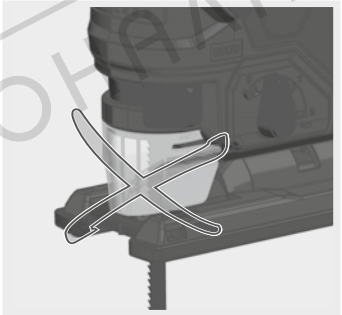


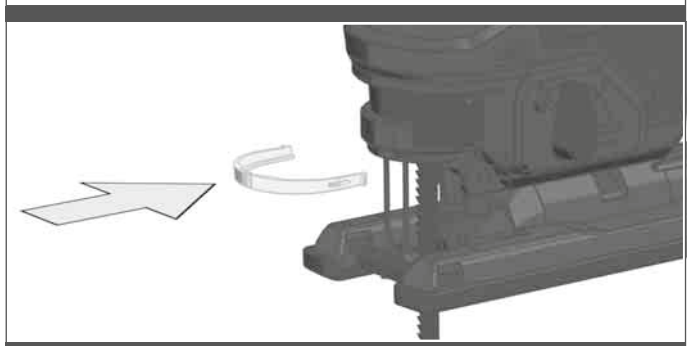


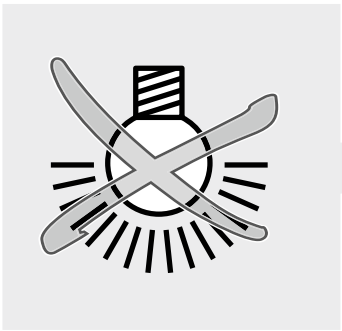



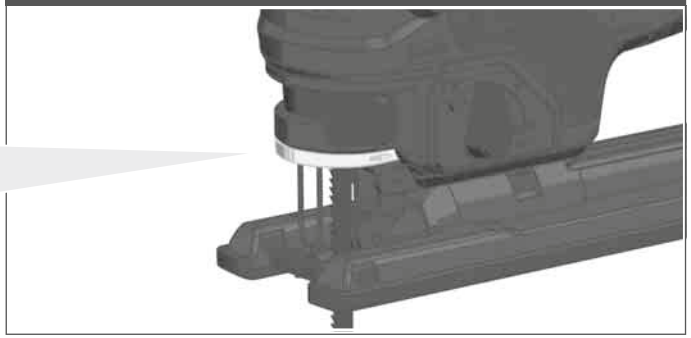




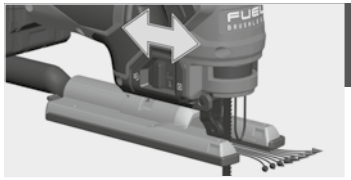


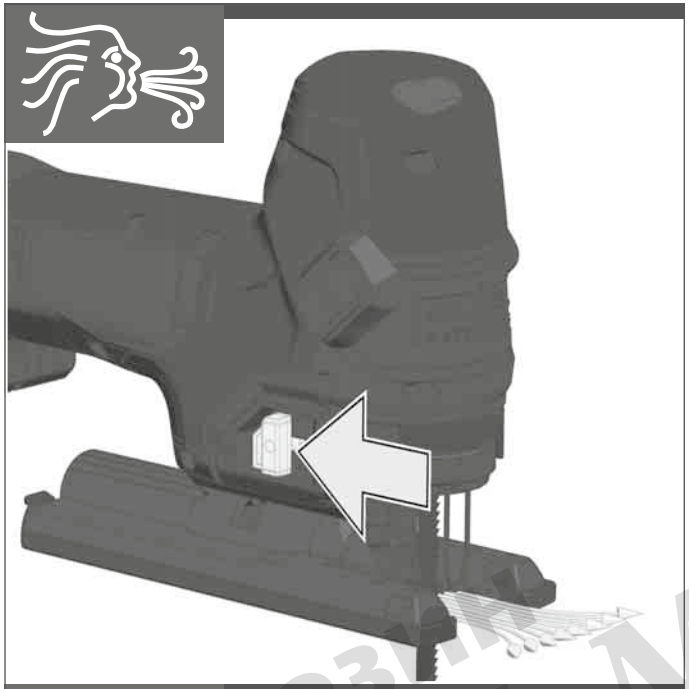


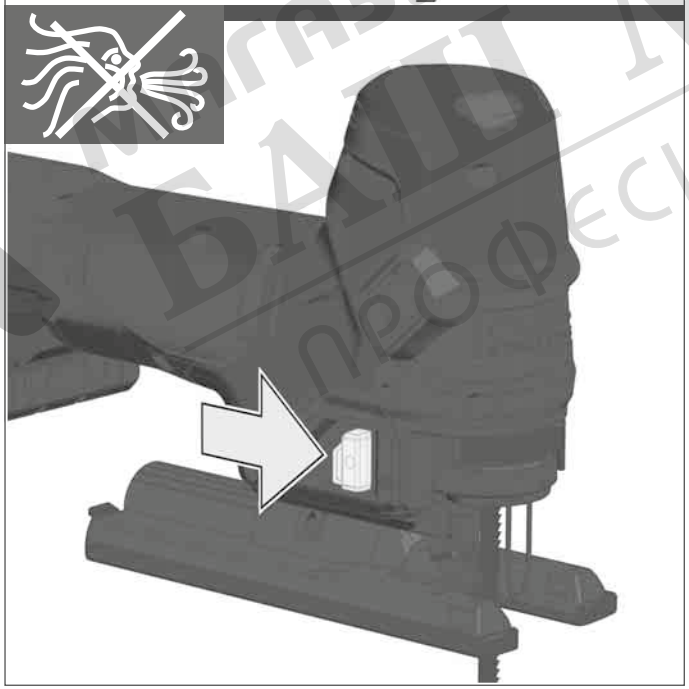


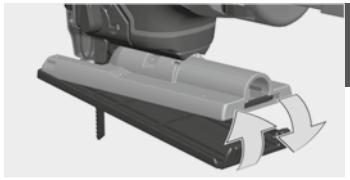


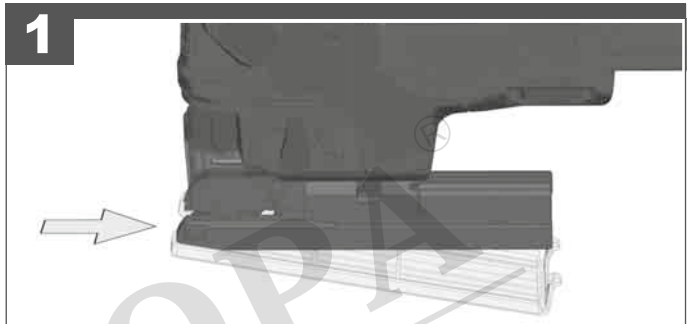
Магазин БАШ МАЙСТРА ПРОФЕСІОНАЛЬНІ рішення

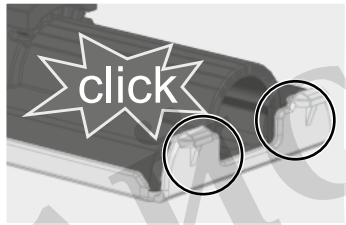


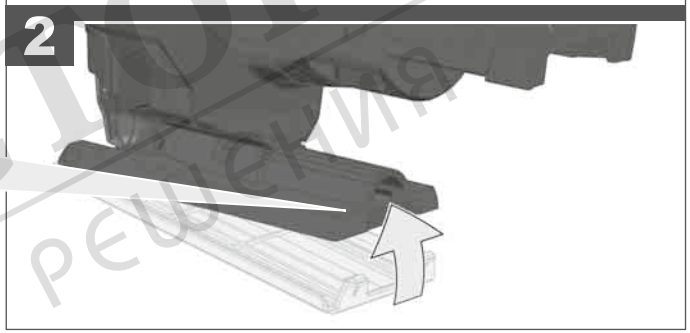


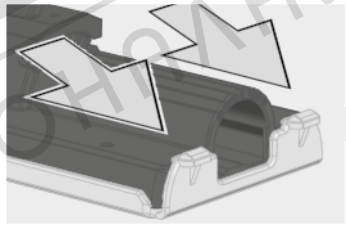


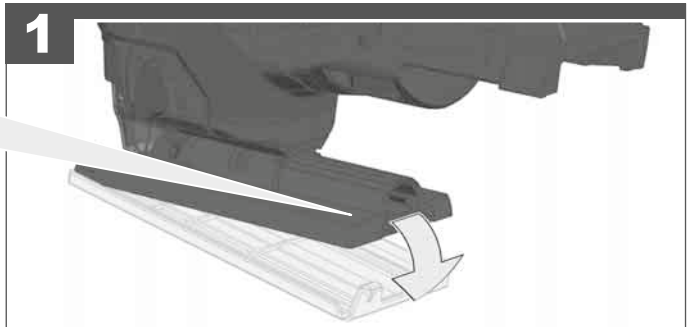


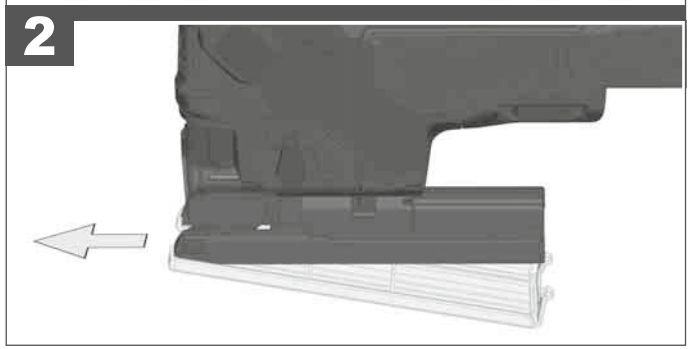


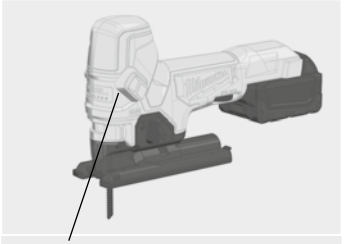






Магазин МАЙСТОРА
БАШ
професионални решения





Insulated gripping surface

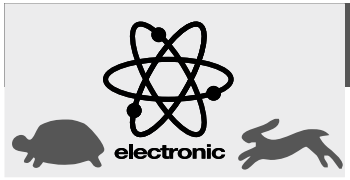
Push the switch forward and hold until tool starts (approx. 0,6 seconds).
If the switch is held on for more than 3 seconds, the tool will shut off .
**Startup protection:** When switched on, the machine will not start up after the battery is inserted again.

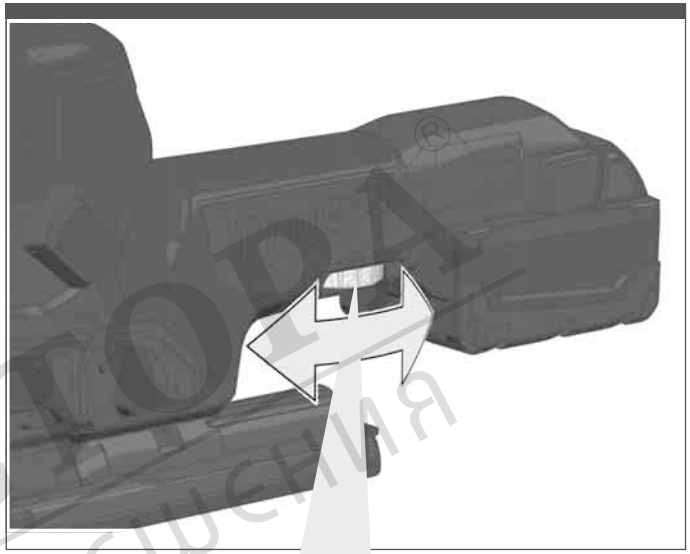
## START




## STOP





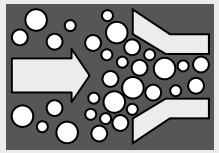





800 min$^{-1}$ 1350 min$^{-1}$ 1850 min$^{-1}$ 2500 min$^{-1}$ 3150 min$^{-1}$ 3500 min$^{-1}$ 1500 min$^{-1}$

**A - Auto-Controlled Start:** Fully press the switch. Saw runs at reduced speeds until blade engages workpiece. The saw speed will increase automatically to provide the most efficient cut.

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Accessory

M12B2 ... M18B6

M18B9, M18 HB12

1



AS 2-250




4931 4472 95

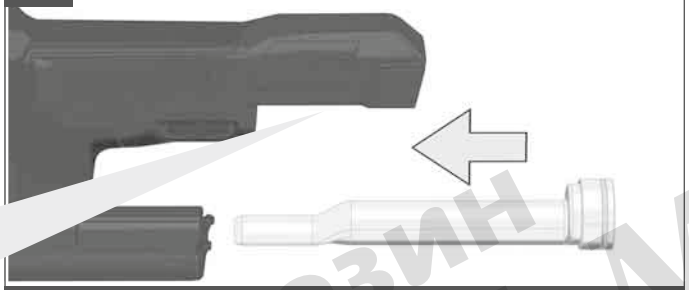


AS 300
AS-30
AS-42

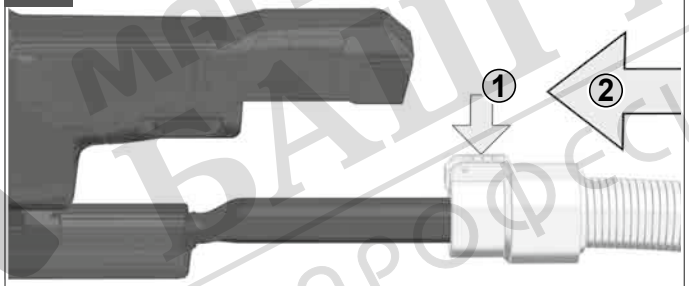


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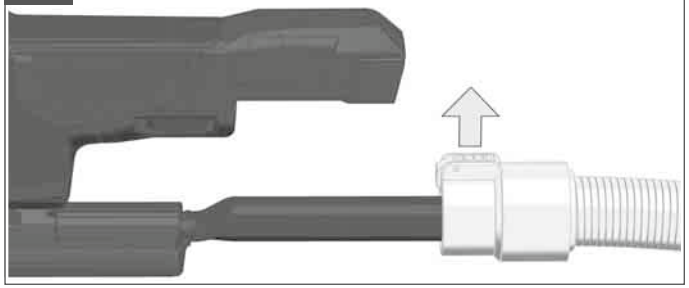
2

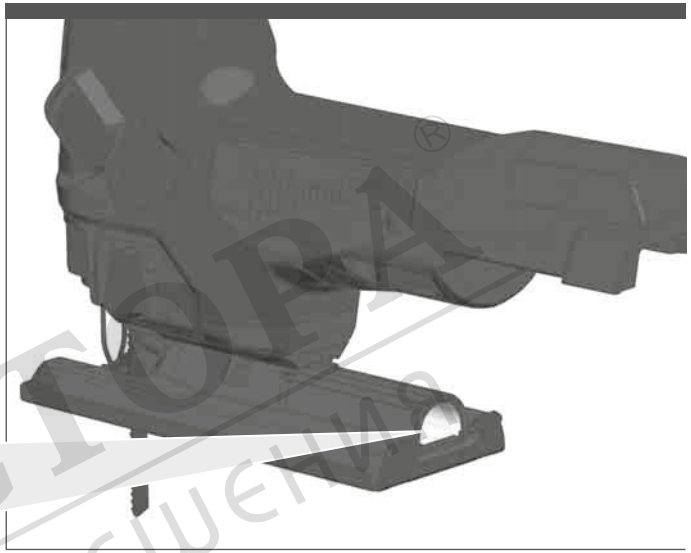


3



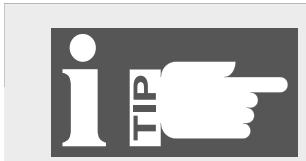

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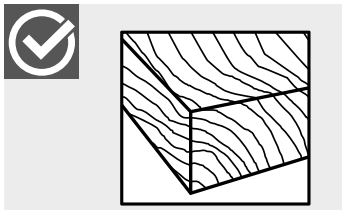


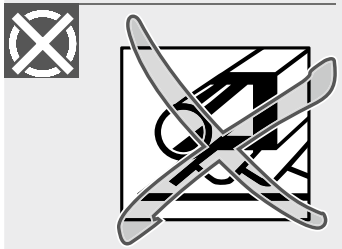


Clean regularly the chip ejection opening.

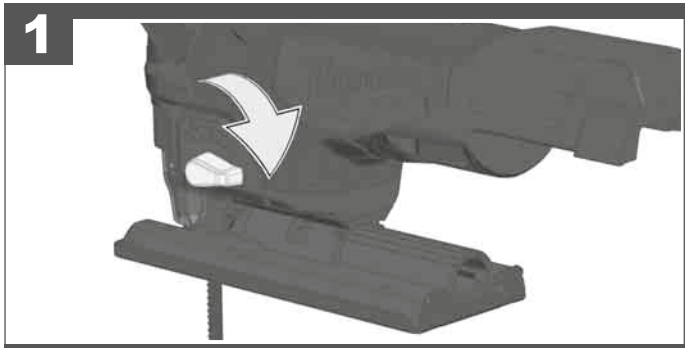
Магазин БАШ МАЙСТОРА професионални решения

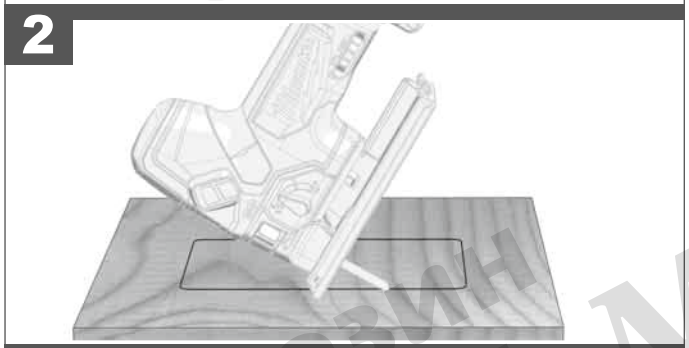


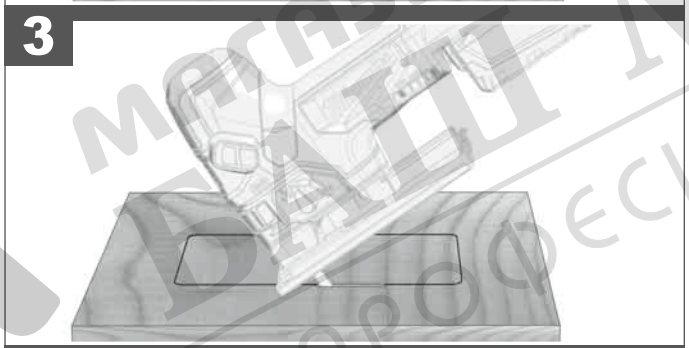



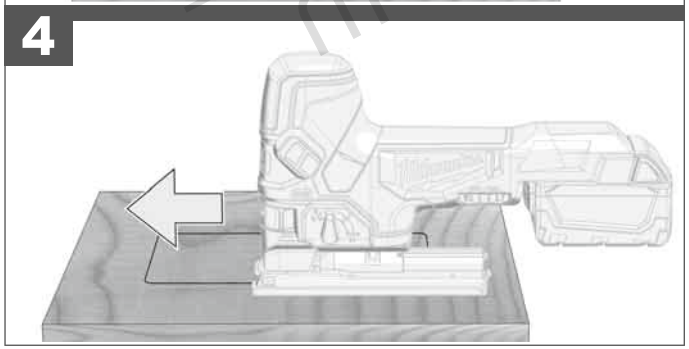


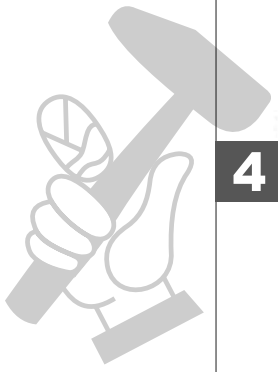




магазин БАЛИ МАЙСТОРА® професионални решения

| TECHNICAL DATA | CORDLESS JIGSAW | M18 FBJS |
|---|---|---|
| Production code | | 4692 71 03... ...000001-999999 |
| Battery voltage | | 18 V |
| Stroke rate under no-load | | 800-3500 $min^{-1}$ (+/- 10%) |
| Length of stroke | | 25 mm |
| Bevel cuts up to | | 45° |
| Cutting depth max. in: | | |
| Wood | | 100 mm |
| Aluminium | | 19 mm |
| Steel | | 10 mm |
| Weight according EPTA-Procedure 01/2014 (2.0 - 12.0 Ah) | | 2,63 - 3,69 kg |
| Recommended ambient operating temperature | | -18...+50 °C |
| Recommended battery types | | M18B... |
| Recommended charger | | M12-18 ... ; M1418C6 |

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

| | |
|---|---|
| Sound pressure level (Uncertainty K=3dB(A)) | 88,65 dB (A) |
| Sound power level (Uncertainty K=3dB(A)) | 99,65 dB (A) |

**Wear ear protectors!**

Total vibration values (vector sum in the three axes) determined according to EN 62841.

| | |
|---|---|
| Cutting boards *1 | |
| Vibration emission value $a_{h,B}$ | 15,55 $m/s^2$ |
| Uncertainty K | 1,5 $m/s^2$ |
| Cutting sheet metal *2 | |
| Vibration emission value $a_{h,M}$ | 15,01 $m/s^2$ |
| Uncertainty K | 1,5 $m/s^2$ |

*1 with saw blade BIM, dimension 100 x 7,5 x 1,0 mm and tooth pitch 2,5 mm
*2 with saw blade BIM, dimension 75 x 7,5 x 1,0 mm and tooth pitch 1,8 mm

**WARNING**
The vibration emission level given in this information sheet has been measured in accordance with a standardized test given in EN 62841 and may be used to compare one tool with another. It may be used for a preliminary assessment of exposure.

The declared vibration emission level represents the main applications of the tool. However if the tool is used for different applications, with different accessories or poorly maintained, the vibration emission may differ. This may significantly increase the exposure level over the total working period.

An estimation of the level of exposure to vibration should also take into account the times when the tool is switched off or when it is running but not actually doing the job. This may significantly reduce the exposure level over the total working period.

Identify additional safety measures to protect the operator from the effects of vibration such as: maintain the tool and the accessories, keep the hands warm, organisation of work patterns.

**⚠ 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.**

## ⚠ JIG SAW 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.

**Use clamps or another practical way to secure and support the workpiece to a stable platform.** Holding the workpiece by hand or against your body leaves it unstable and may lead to loss of control.

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

## ADDITIONAL SAFETY AND WORKING INSTRUCTIONS

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

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

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

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

Do not reach into the machine while it is running.

The insertion tool may become hot during use.
**WARNING!** Danger of burns
- when changing tools
- when setting the device down

Chips and splinters must not be removed while the machine is running.

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

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

Do not use cracked or distorted saw blades.



Plunge cuts without pre-drilling a hole are possible with soft materials (wood, light building materials for walls). Harder materials (metals) must first be drilled with a hole corresponding to the size of the saw blade.

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

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

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

Use only System M18 chargers for charging System M18 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.

**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.

## SPECIFIED CONDITIONS OF USE

This jig saw can cut wood, plastic and metal; it can cut straight lines, bevels, curves, and internal cut-outs.

Do not use this product in any other way as stated for normal use.

## EC DECLARATION OF CONFORMITY

We declare as the manufacturer under our sole responsibility that the product described under “Technical Data” fulfills all the relevant regulations and the directives 2011/65/EU (RoHS), 2014/30/EU, 2006/42/EC, and the following harmonized standards have been used:

EN 62841-1:2015
EN 62841-2-11:2016+A1:2020
EN 55014-1:2017+A11:2020
EN 55014-2:2015
EN IEC 63000:2018

Winnenden, 2021-08-16

Alexander Krug
Managing Director

Authorized to compile the technical file

Techtronic Industries GmbH
Max-Eyth-Straße 10
71364 Winnenden
Germany

## GB-DECLARATION OF CONFORMITY

We declare as the manufacturer under our sole responsibility that the product described under “Technical Data” fulfills all the relevant provisions of the following Regulations S.I. 2008/1597 (as amended), S.I. 2016/1091 (as amended), S.I. 2012/3032 (as amended) and that the following designated standards have been used:

BS EN 62841-1:2015
BS EN 62841-2-11:2016+A1:2020
BS EN 55014-1:2017+A11:2020
BS EN 55014-2:2015
BS EN IEC 63000:2018

Winnenden, 2021-08-16

Alexander Krug
Managing Director

Authorized to compile the technical file.

Techtronic Industries GmbH
Max-Eyth-Straße 10
71364 Winnenden
Germany

## RESTART PROTECTION

The machine is supplied with a restart protection.
This prevents the switched-on machine from starting by itself when the battery pack is inserted and from restarting after a failure of the battery pack.

If the blade is outside of the workpiece switch off the machine and switch it back on again in order to continue to work.
If the blade is inside of the workpiece wait until the blade comes to a complete stop.
Remove the battery pack from the machine and the blade from the cut.
Make sure that the switch is in the off position.
Insert the battery pack and then switch the machine back on again, in order to continue to work.

## LOAD-DEPENDENT MOTOR PROTECTION:

If the motor is overloaded, the overload protection will trip. To continue working, switch the machine off and then on again.

## SOFT START

Electronic smooth start for save use prevents jerky run-up of the machine.

## 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 use.

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 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.

## 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 machine must be kept clear at all times.

Use only Milwaukee accessories and spare parts. Should components need to be replaced which have not been described, please contact one of our Milwaukee 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 GmbH, Max-Eyth-Straße 10, 71364 Winnenden, Germany.

## SYMBOLS


CAUTION! WARNING! DANGER!


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


Please read the instructions carefully before starting the machine.


Always wear goggles when using the machine.


Wear gloves!


Wear ear protectors!


Accessory - Not included in standard equipment, available as an accessory.


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 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 re-use 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, 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.

$n_0$ Stroke rate under no-load

V Volts

Direct current

European Conformity Mark

British Confomity Mark


Ukraine Conformity Mark

EurAsian Conformity Mark

МАГАЗИН БАШ МАЙСТОРА® ПРОФЕСИОНАЛНИ РЕШЕНИЯ