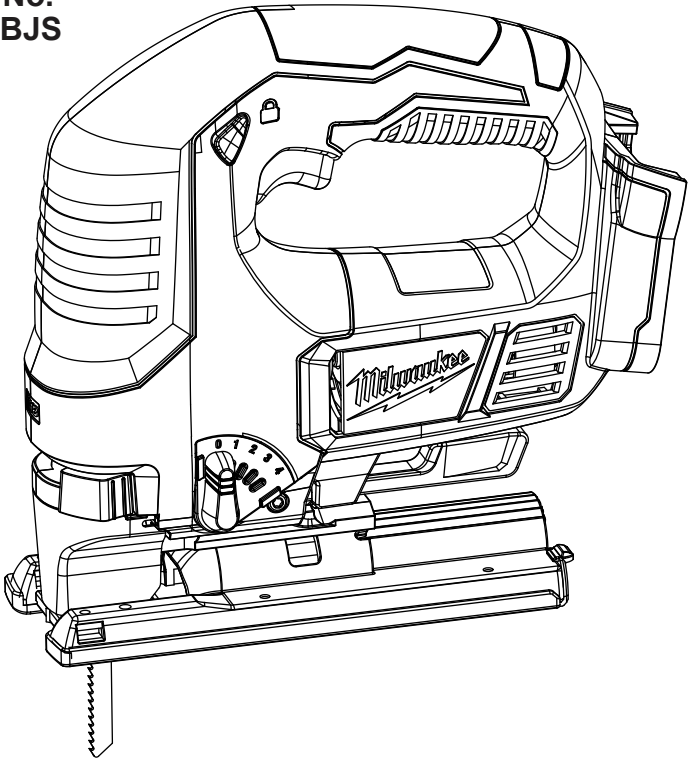




# OPERATOR'S MANUAL

Cat. No.  
M18 BJS



## M18™ TOP-HANDLE JIGSAW

 **WARNING**

To reduce the risk of injury, user must read and understand operator's manual.



## GENERAL POWER TOOL SAFETY WARNINGS

 **WARNING READ ALL SAFETY WARNINGS AND ALL INSTRUCTIONS.** Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury. **Save all warnings and instructions for future reference.** The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

### WORK AREA SAFETY

- **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
- **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

### ELECTRICAL SAFETY

- **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- **Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
- **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

### PERSONAL SAFETY

- **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- **Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left

attached to a rotating part of the power tool may result in personal injury.

- **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.

### POWER TOOL USE AND CARE

- **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
- **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
- **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.
- **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- **Use the power tool, accessories and tool bits etc., in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.

### BATTERY TOOL USE AND CARE

- **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.

•When battery pack is not in use, keep it away from other metal objects like paper clips, coins, keys, nails, screws, or other small metal objects that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.

•Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

### SERVICE

•Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

### SPECIFIC SAFETY RULES FOR JIGSAWS

•Hold 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.

•Wear Ear Protectors. Exposure to noise can cause hearing loss.

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

•Keep hands away from all cutting edges and moving parts.

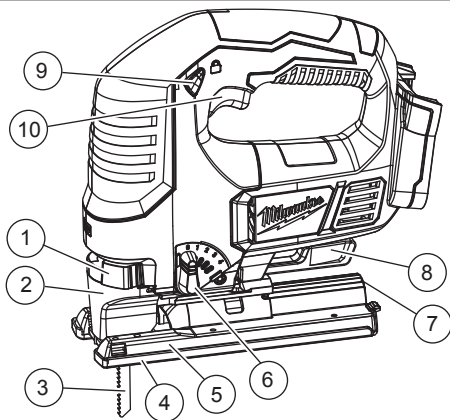
•Maintain labels and nameplates. These carry important information. If unreadable or missing, contact a MILWAUKEE® service facility for a replacement.

•WARNING Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- lead from lead-based paint
- crystalline silica from bricks and cement and other masonry products, and
- arsenic and chromium from chemically-treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

### FUNCTIONAL DESCRIPTION



- |                            |                                  |
|----------------------------|----------------------------------|
| 1. FIXTEC clamp            | 6. Orbital action selector lever |
| 2. Transparent blade cover | 7. Tilt angle scale              |
| 3. Blade                   | 8. Shoe adjustment lever         |
| 4. Shoe cover              | 9. Lock button                   |
| 5. Shoe                    | 10. Trigger                      |

### SYMBOLGY

<b>V</b>	Volts
— — —	Direct Current
<b>n<sub>0</sub> xxxxmin.<sup>-1</sup></b>	No Load Strokes per Minute (SPM)

### SPECIFICATIONS

Cat. No.	Volts DC	No Load Strokes Per Minute	Length of Stroke	Max. cutting depth (wood)	Max. cutting depth (aluminium)
M18BJS-0	18	0 - 2800	26 mm	55 mm	10 mm

## ASSEMBLY

**! WARNING** Recharge only with the charger specified for the battery. For specific charging instructions, read the operator's manual supplied with your charger and battery.

### Inserting/Removing the Battery

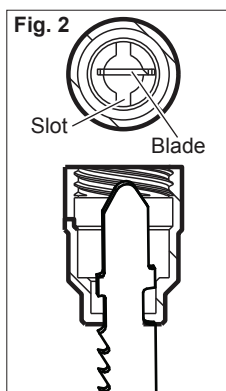
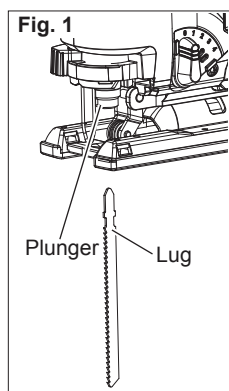
To **remove** the battery, push in the release buttons and pull the battery pack away from the tool.

To **insert** the battery, slide the pack into the body of the tool. Make sure it latches securely into place.

**! WARNING** Always remove battery pack before changing or removing accessories. Only use accessories specifically recommended for this tool. Others may be hazardous.

### Installing saw blades

1. Remove the battery pack.
2. Push the FIXTEC slider to the left (Fig. 1).
3. Fit the saw blade into the groove in the support roller and push it firmly into the plunger as far as it will go; the lug of the saw blade must be in the plunger.
4. Push the FIXTEC slider to the right to secure the saw blade.
5. Check that the saw blade is held firmly; the slot in the plunger will be at an angle to the blade (Fig. 2).

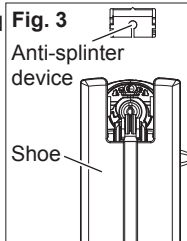


### Using the anti-splinter device

The anti-splinter device helps stabilize the workpiece and reduce workpiece splinter.

1. Remove the battery pack.
2. Slide the anti-splinter device onto the shoe (Fig. 3). Make sure the anti-splinter device is installed flush with the bottom of the shoe.

**NOTE:** Do not use the transparent blade cover and anti-splinter device when making bevel/angle cuts.



### Using the shoe cover

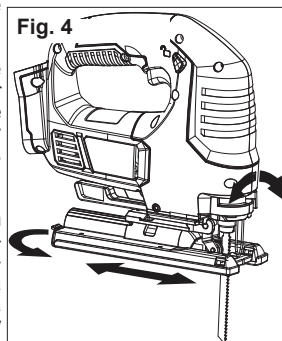
The shoe cover is used to prevent marring and scratching of the workpiece surface. To attach the shoe cover:

1. Remove the battery pack.
2. Hook the front of the cover over the steel shoe.
3. Snap the rear of the shoe cover over the back of the shoe. Be sure both sides are snapped in place.
4. When the shoe cover is not needed, remove it by pulling the tabs on rear of the shoe cover down. Unhook the front of the shoe cover and remove.

### Adjusting the shoe

The shoe may be tilted up to 45° in either direction. To set a tilt angle for bevel/angle cuts:

1. Remove the battery pack.
2. Loosen the shoe adjustment lever and pull the base forward slightly until the detents are not engaged.
3. Tilt the shoe to the required preset angle (0°, 15°, 30°, or 45°).
4. Push the shoe into the detent and tighten the shoe adjustment lever.
5. To set an angle other than 0°, 15°, 30°, or 45°; loosen the shoe adjustment lever and pull the base forward slightly until the detents are not engaged. Set the desired angle and tighten the shoe adjustment lever without engaging a detent. Make a test cut to verify the angle.



## OPERATION


**⚠️ WARNING** Always remove battery pack before changing or removing accessories. Only use accessories specifically recommended for this tool. Others may be hazardous.


**⚠️ WARNING** To reduce the risk of injury, wear safety goggles or glasses with side shields. Keep hands away from the blade and other moving parts.

### Starting and stopping the tool

1. To **start** the tool, grasp the handle firmly and pull the trigger.
2. To **vary** the speed, increase or decrease pressure on the trigger. The further the trigger is pulled, the greater the speed.
3. To **stop** the tool, release the trigger. Allow the tool to come to a complete stop before removing the blade from a partial cut or laying the tool down.

### Locking the trigger

To **lock** the trigger, push the trigger lock from the  lock side of the tool. The trigger will not work while the switch is in the locked position. Always lock the trigger and remove the battery pack before performing maintenance and changing accessories. Lock the trigger when storing the tool and when the tool is not in use.

To **unlock** the trigger, push the trigger lock from the  unlock side of the tool.

### Adjusting the orbital action

The amount of orbital action may be adjusted with the orbital action selector lever. In general, a large orbital action (4) should be used with soft materials and a no orbital action (0) should be used with hard materials. When a smooth cut is required, no orbit (0) should be used.

Material	Orbital Action
Wood	0-4
Metal	0-1
Aluminum	0-1
Smooth Cut	0

**⚠️ WARNING** To reduce the risk of injury, do not start the tool with the blade contacting the workpiece.

### Making the Cut

1. Set the orbital action according to the material to be cut.
2. Position the tool with the front part of the shoe on the workpiece and start the tool.
3. Hold the shoe firmly against the workpiece and guide the tool along the desired cutting line. Do not feed into the work too hard, light pressure on the saw blade will achieve the optimum cutting speed.

### Special Cutting Techniques

1. *Straight cuts* — To obtain a perfectly straight cut, clamp a strip of wood as a guide along the workpiece or use the rip guide (accessory).
2. *Bevel cuts* — adjust the shoe to the correct angle (see Adjusting the Shoe).
3. *Cutting Sheet Metal* — sheet metal may vibrate when being cut. To minimise vibration, clamp the workpiece to a wood base.

**⚠️ WARNING** To reduce the risk of explosion, electric shock and property damage, always check the work area for hidden gas pipes, electrical wires or water pipes when making blind or plunge cuts.

### Plunge Cutting

Plunge cuts can be made into soft materials without a pre-drilled hole. Harder materials require a starter hole with a diameter slightly over the width of the blade. To make a plunge cut:

1. Set the orbital action selector lever to 0.

2. Make sure nothing below the intended cut area will be damaged.

3. Without turning the tool on, place the front edge of the shoe solidly on workpiece (Fig. 5).

4. Align the blade with the intended cut line, but keep it above the workpiece.

5. Using the front edge of the shoe as a pivot, turn on the tool and gradually lower the blade into the workpiece (Fig. 6).

6. When the shoe is flat against the workpiece, normal cutting may take place (Fig. 7).

Fig. 5

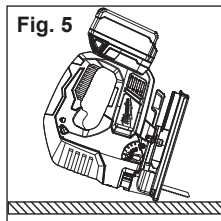


Fig. 6

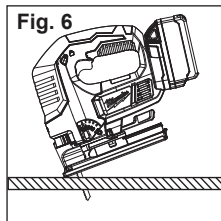
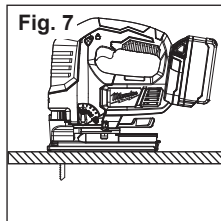


Fig. 7



## MAINTENANCE



**WARNING** To reduce the risk of injury, always unplug the charger and remove the battery pack from the charger or tool before performing any maintenance. Never disassemble the tool, battery pack or charger. Contact a **MILWAUKEE®** service facility for ALL repairs.

### Maintaining Tool

Keep your tool, battery pack and charger in good repair by adopting a regular maintenance program. After six months to one year, depending on use, return the tool, battery pack and charger to a **MILWAUKEE®** service facility for:

- Lubrication
- Mechanical inspection and cleaning (gears, spindles, bearings, housing, etc.)
- Electrical inspection (battery pack, charger, motor)
- Testing to assure proper mechanical and electrical operation

If the tool does not start or operate at full power with a fully charged battery pack, clean the contacts on the battery pack. If the tool still does not work properly, return the tool, charger and battery pack, to a **MILWAUKEE®** service facility for repairs.



**WARNING** To reduce the risk of personal injury and damage, never immerse your tool, battery pack or charger in liquid or allow a liquid to flow inside them.

### Cleaning

Clean dust and debris from charger and tool vents. Keep tool handles clean, dry and free of oil or grease. Use only mild soap and a damp cloth to clean the tool, battery pack and charger since certain cleaning agents and solvents are harmful to plastics and other insulated parts. Some of these include gasoline, turpentine, lacquer thinner, paint thinner, chlorinated cleaning solvents, ammonia and household detergents containing ammonia. Never use flammable or combustible solvents around tools.

### Repairs

For repairs, return the tool, battery pack and charger to the nearest service centre.

## ACCESSORIES



**WARNING** Always remove battery pack before changing or removing accessories. Only use accessories specifically recommended for this tool. Others may be hazardous.

For a complete listing of accessories refer to your **MILWAUKEE®** Electric Tool catalog or go online to [www.milwaukeeetools.com.au/](http://www.milwaukeeetools.com.au/) [www.milwaukeeetools.co.nz](http://www.milwaukeeetools.co.nz). To obtain a catalog, contact your local distributor or service centre.



## **WARRANTY - AUSTRALIA and NEW ZEALAND**

Please refer to Australian and New Zealand warranty supplied with tool. This warranty applies only to product sold in Australia and New Zealand.

## **SERVICE - AUSTRALIA and NEW ZEALAND**

**MILWAUKEE®** prides itself in producing a premium quality product that is Nothing But Heavy Duty®. Your satisfaction with our products is very important to us! If you encounter any problems with the operation of this tool, please contact your authorised **MILWAUKEE®** dealer.

For a list of **MILWAUKEE®** dealers, guarantee or service agents please contact **MILWAUKEE®** Customer Service or visit our website.

(Australia Toll Free Telephone Number 1300 361 505)

(New Zealand Toll Free Telephone Number 0800 279 624)

or visit [www.milwaukeetools.com.au](http://www.milwaukeetools.com.au) / [www.milwaukeetools.co.nz](http://www.milwaukeetools.co.nz).

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Techtronic Industries (New Zealand) Pty. Ltd.

Mangere, Auckland, New Zealand, 2022

Professionally made in China for Milwaukee Electric Tool Corporation