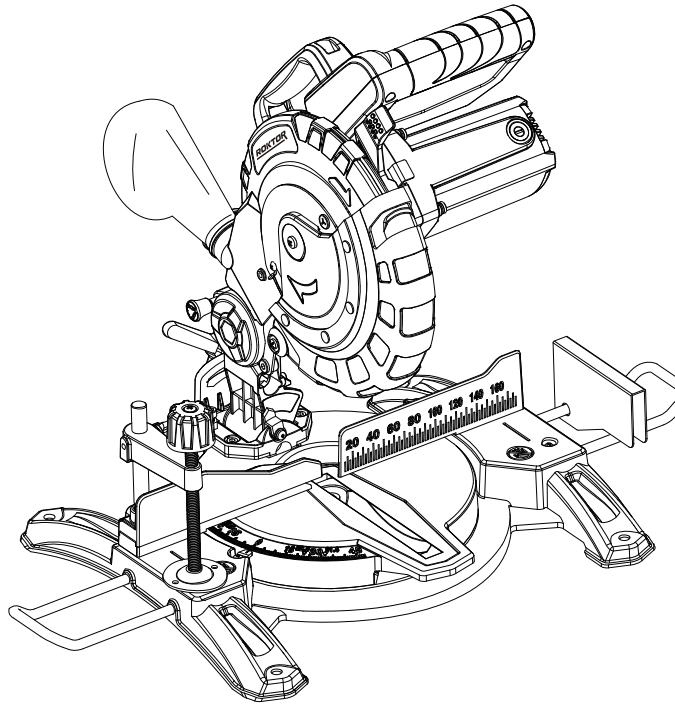
ROKTOR

ORIGINAL USER INSTRUCTIONS

1450W 210MM SINGLE BEVEL MITRE SAW

SKU: AJ037



READ BEFORE USE
PLEASE KEEP THESE INSTRUCTIONS FOR FURTHER REFERENCE

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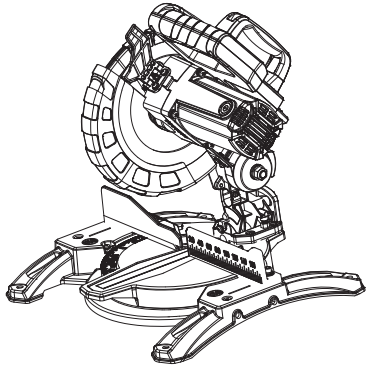
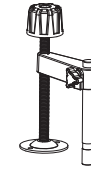
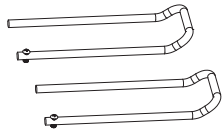
WHAT'S IN THE BOX



Mitre saw with TCT wood blade 24T

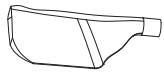


Work clamp



Extension bar x 2

Bevel lock knob



Dust bag

Brace

Wrench

User instruction manual

SPECIFICATIONS

- 230V~50Hz
- Table mitre lock
- Spindle lock
- Transparent movable guard
- With extension bar

TECHNICAL DATA

SKU/Model		AJ037 (BMS2101)
Rated Voltage		230V~50Hz
Rated Power Rate		1450W(S1), 1800W(S6, 25%)
No-load speed		5000/min
Plug		BS plug
Protection class		⧈ /II
Bevel capacity		0-45º
Blade diameter		210mm*2.4mm*30mm (24T)
Cutting capacity	Max cutting mitre/bevel 45°/0°	60*85mm
	Max cutting mitre/bevel 0°/0°	60*120mm
	Max cutting mitre/bevel 0°/45°	35*120mm
	Max cutting mitre/bevel 45°/45°	35*85mm
Net weight approx.(kg)		7.3 kg
A weighted sound pressure L_{pA} (K_{pA}=3dB(A))		93.7dB(A)
A weighted sound power L_{wA} (K_{wA}=3dB(A))		106.7dB(A)

The declared noise emission value has been measured in accordance with a standard test method and may be used for comparing one tool with another.
The declared noise emission value may also be used in a preliminary assessment of exposure.

WARNING: The noise emissions during actual use of the power tool can differ from the declared value depending on the ways in which the tool is used especially what kind of workpiece is processed, dependent on the following examples and other variations on how the tool is used:

- How the tool is used and the materials being cut or drilled.
- The tool being in good condition and well maintained.
- The use of the correct accessory for the tool and ensuring it is sharp and in good condition.
- The tightness of the grip on the handles and if any anti-vibration and noise accessories are used.
- The tool is being used as intended by its design and these instructions.

This tool may cause hand-arm vibration syndrome if its use is not adequately managed.

WARNING: To be accurate, an estimation of exposure level in the actual conditions of use should also take account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle but not actually doing the job. This may significantly reduce the exposure level over the total working period, helping to minimise your vibration exposure risk.
Maintain this tool in accordance with these instructions and keep it well lubricated (where appropriate).
If the tool is to be used regularly then invest in anti-vibration and noise accessories.
Plan your work schedule to spread any high vibration tool use across a number of days.

EXPLANATIONS AND SYMBOLS, CAUTIONS AND WARNINGS

To reduce the risk of injury, user must read the instruction manual

Class II device - Double Insulation

Risk of damage or injury if the instructions in this manual are not followed

Immediately disconnect the plug from the power outlet if it is damaged, and for all maintenance operations.

Wear eye protection

Wear ear protection

Wear a dust mask

Keep hands away from the blade and mechanism

The product complies with the applicable European Directives and an evaluation method of conformity for these Directives was carried out.

UK Conformity Assessed

IMPORTANT SAFETY WARNINGS

CAUTION – To reduce the risk of injury, user must read instruction manual

GENERAL SAFETY RULES FOR POWER TOOL

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.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1) Work area safety

a) Keep work area clean and well lit. *Cluttered or dark areas invite accidents.*

b) 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.*

c) Keep children and bystanders away while operating a power tool. *Distractions can cause you to lose control.*

2) Electrical safety

a) Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adaptor plugs with earthed (grounded) power tools. *Unmodified plugs and matching outlets will reduce risk of electric shock.*

b) 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.*

c) Do not expose power tools to rain or wet conditions. *Water entering a power tool will increase the risk of electric shock.*

d) 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.*

e) 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.*

f) 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.*

3) Personal safety

a) 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.*

b) 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.*

c) 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.*

d) **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.*
e) **Do not overreach. Keep proper footing and balance at all times.** *This enables better control of the power tool in unexpected situations.*
f) **Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.** *Loose clothes, jewellery or long hair can be caught in moving parts.*
g) **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.*
h) **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** *A careless action can cause severe injury within a fraction of a second.*

4) Power tool use and care
a) **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.*
b) **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.*
c) **Disconnect the plug from the power source and/or remove the battery pack, if detachable, 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.*
d) **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.*
e) **Maintain power tools and accessories. 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.*
f) **Keep cutting tools sharp and clean.** *Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.*
g) **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.*
h) **Keep handles and grasping surfaces dry, clean and free from oil and grease.** *Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.*

5) Service
a) **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.*

SAFETY INSTRUCTIONS FOR MITRE SAWS
a) **Mitre saws are intended to cut wood or wood-like products, they cannot be used with abrasive cut-off wheels for cutting ferrous material such as bars, rods, studs, etc.** *Abrasive dust causes moving parts such as the lower guard to jam. Sparks from abrasive cutting will burn the lower guard, the kerf insert and other plastic parts.*
b) **Use clamps to support the workpiece whenever possible. If supporting the workpiece by hand, you must always keep your hand at least 100 mm from either side of the saw blade. Do not use this saw to cut pieces that are too small to be securely clamped or held by hand.** *If your hand is placed too close to the saw blade, there is an increased risk of injury from blade contact.*

c) **The workpiece must be stationary and clamped or held against both the fence and the table. Do not feed the workpiece into the blade or cut "freehand" in any way.** *Unrestrained or moving workpieces could be thrown at high speeds, causing injury.*

d) **Push the saw through the workpiece. Do not pull the saw through the workpiece. To make a cut, raise the saw head and pull it out over the workpiece without cutting, start the motor, press the saw head down and push the saw through the workpiece.** *Cutting on the pull stroke is likely to cause the saw blade to climb on top of the workpiece and violently throw the blade assembly towards the operator.*

e) **Never cross your hand over the intended line of cutting either in front or behind the saw blade.** *Supporting the workpiece "cross handed" i.e. holding the workpiece to the right of the saw blade with your left hand or vice versa is very dangerous.*

f) **Do not reach behind the fence with either hand closer than 100 mm from either side of the saw blade, to remove wood scraps, or for any other reason while the blade is spinning.** *The proximity of the spinning saw blade to your hand may not be obvious and you may be seriously injured.*

g) **Inspect your workpiece before cutting. If the workpiece is bowed or warped, clamp it with the outside bowed face toward the fence. Always make certain that there is no gap between the workpiece, fence and table along the line of the cut.** *Bent or warped workpieces can twist or shift and may cause binding on the spinning saw blade while cutting. There should be no nails or foreign objects in the workpiece.*

h) **Do not use the saw until the table is clear of all tools, wood scraps, etc., except for the workpiece.** *Small debris or loose pieces of wood or other objects that contact the revolving blade can be thrown with high speed.*

i) **Cut only one workpiece at a time.** *Stacked multiple workpieces cannot be adequately clamped or braced and may bind on the blade or shift during cutting.*

j) **Ensure the mitre saw is mounted or placed on a level, firm work surface before use.** *A level and firm work surface reduces the risk of the mitre saw becoming unstable.*

k) **Plan your work. Every time you change the bevel or mitre angle setting, make sure the adjustable fence is set correctly to support the workpiece and will not interfere with the blade or the guarding system.** *Without turning the tool "ON" and with no workpiece on the table, move the saw blade through a complete simulated cut to assure there will be no interference or danger of cutting the fence.*

l) **Provide adequate support such as table extensions, saw horses, etc. for a workpiece that is wider or longer than the table top.** *Workpieces longer or wider than the mitre saw table can tip if not securely supported. If the cut-off piece or workpiece tips, it can lift the lower guard or be thrown by the spinning blade.*

m) **Do not use another person as a substitute for a table extension or as additional support.** *Unstable support for the workpiece can cause the blade to bind or the workpiece to shift during the cutting operation pulling you and the helper into the spinning blade.*

n) **The cut-off piece must not be jammed or pressed by any means against the spinning saw blade.** *If confined, i.e. using length stops, the cut-off piece could get wedged against the blade and thrown violently.*

o) **Always use a clamp or a fixture designed to properly support round material such as rods or tubing.** *Rods have a tendency to roll while being cut, causing the blade to "bite" and pull the work with your hand into the blade.*

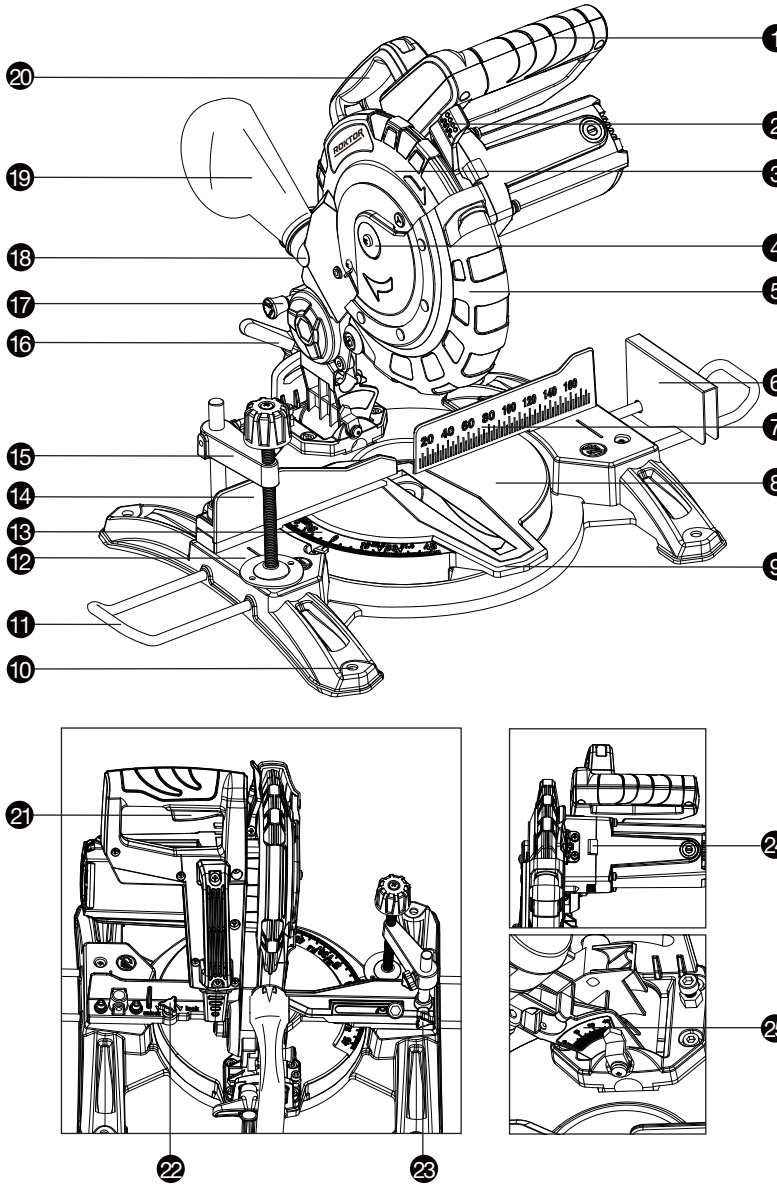
p) **Let the blade reach full speed before contacting the workpiece.** *This will reduce the risk of the workpiece being thrown.*

q) **If the workpiece or blade becomes jammed, turn the mitre saw off. Wait for all moving parts to stop and disconnect the plug from the power source and/or remove the battery pack. Then work to free the jammed material.** *Continued sawing with a jammed workpiece could cause loss of control or damage to the mitre saw.*

r) **After finishing the cut, release the switch, hold the saw head down and wait for the blade to stop before removing the cut-off piece.** *Reaching with your hand near the coasting blade is dangerous.*

s) **Use only saw blades recommended by the manufacturer, which conform to EN 847-1, if intended for wood and analogous materials.**

PRODUCT DESCRIPTION AND IDENTIFICATIONS



1. Operating handle
2. Lower blade lock lever
3. Upper fixed guard
4. Blade bolt cover
5. Lower rotating guard
6. Brace
7. Fence
8. Rotating mitre table
9. Mitre table adjusting handle
10. Mounting hole (x4)
11. Extension bar (x2)
12. Base plate
13. Mitre scale
14. Extension fence
15. Work clamp
16. Bevel lock knob
17. Saw head release knob
18. Dust extraction port
19. Dust bag
20. Carry handle
21. On/off switch
22. Mitre table lock knob
23. Work clamp lock knob
24. Spindle lock button
25. Bevel scale
26. Saw blade (See Fig. 29)
27. Wrench / Hex key with screwdriver head (See Fig. 13&30)

ASSEMBLY AND OPERATING INSTRUCTIONS

NOTE: Before using the tool, read the instruction manual carefully.

The tool is packaged with some parts that are unattached and require a little simple assembly.

WARNING: Do not operate until fully assembled and with all parts correctly attached.

WARNING: This product is not intended for use by persons under 18 years of age.

ASSEMBLY

1. SAW HEAD RELEASE KNOB (SEE FIG. 1, 2)

The saw head release knob is provided for holding the saw head down while transporting or storing the mitre saw.

When boxed, during storage or transportation, ensure the saw head is locked in the down position. To release the head ready for operation, apply downward pressure on the operating handle, pull out the saw head release knob and allow the head to rise to the upper position.

To lock the saw head down for transportation, push the lower blade lock lever outwards a little and lay down the saw head by pressing the operating handle downwards to its lowest position. Then push the saw head release knob into original place to lock the saw head in the lowest position.

NOTE: You need to cut the packing tie first before releasing the saw head.

NOTE: The saw must never be used with the saw head release knob locking the head down.

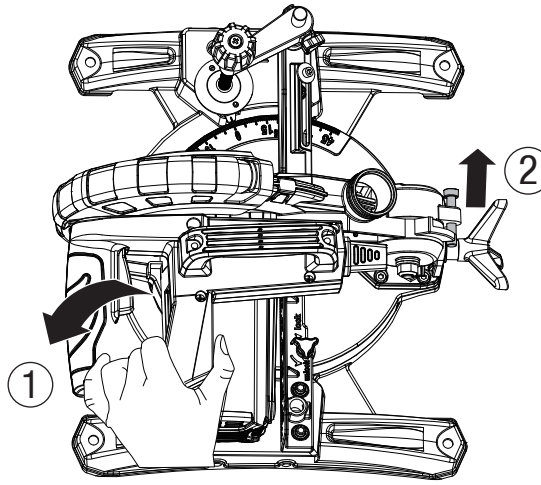


Figure 1

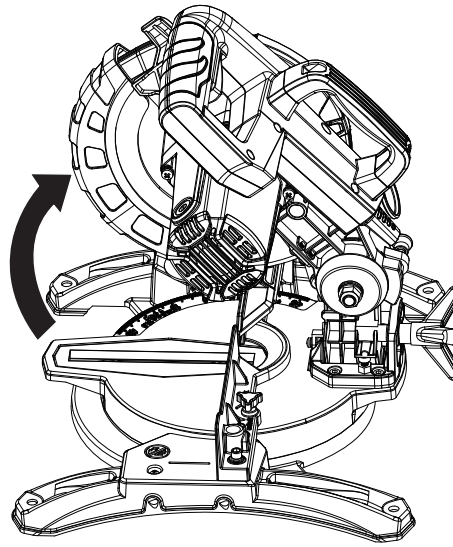


Figure 2

2. DUST EXTRACTION PORT (SEE FIG. 3)

To reduce build up of saw dust and maintain the cutting efficiency, saw dust collection can be achieved by connecting a vacuum dust collector or cleaner to the dust extraction port. Alternatively, a dust bag is provided for use on your mitre saw. To install it, hold the dust bag by depressing both sides of the metal ring clip, and locate onto the dust extraction port, then you can loosen the ring clip. Ensure the dust bag is securely fastened before operating the saw.
To empty the dust bag, remove it from the dust extraction port, open the dust bag by unzipping the slide fastener.

NOTE: To ensure optimal dust collecting, empty the dust bag when it becomes filled to approximately 2/3 of its capacity.

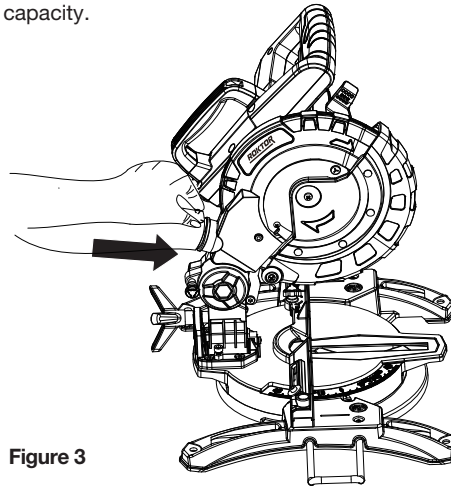


Figure 3

3. SIDE TABLE EXTENSIONS (SEE FIG. 4-8)

Long workpieces require extra supports. The supports should be placed along the workpiece so it does not sag. The support should allow the workpiece to lay flat on the base of the saw and work table during the cutting operation. Use the work clamp to secure the workpiece.

This mitre saw is provided with extension bars for both sides, and a brace for only one side. To install the side extension bars (Left & right) and the brace, follow the below instructions.

1) Loosen the screw on the side of the brace by turning it anti-clockwise. (See Fig. 4)
2) Loosen and remove the screw installed on the top of the extension bar. (See Fig. 4)
3) Attach the extension bar with the brace as shown in Fig. 5. Insert one end of the rail into the hole of the brace, the other end into the notch of the brace.

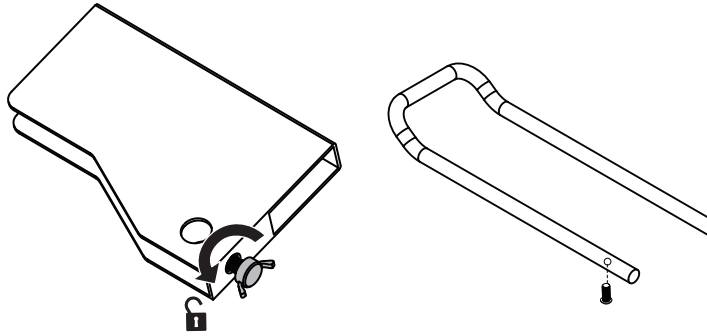


Figure 4

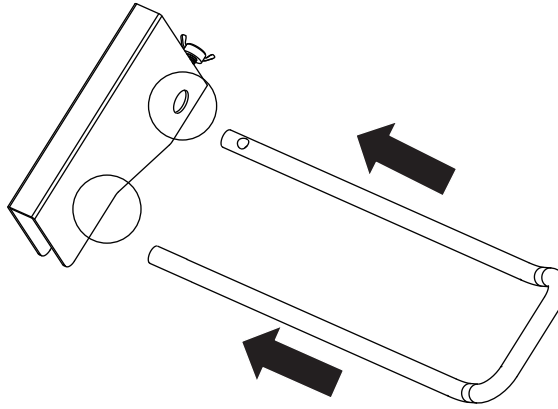


Figure 5

4) Loosen and remove the screw on the corner of the base plate using a screwdriver. (See Fig. 6)
5) Invert the mitre saw for better visibility. Align and insert the 2 ends of the extension bar into the 2 holes at the edge of the base plate. (See Fig. 7)
6) Re-tighten the screw on the corner of the base plate using a screwdriver to secure the extension bar. (See Fig. 6)
7) Position the brace upright as shown in Fig. 8.
8) Repeat step 4 to 6 for opposite extension bar without the brace.

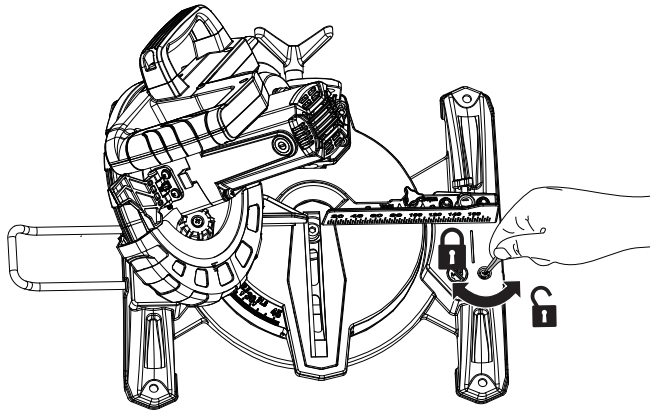


Figure 6

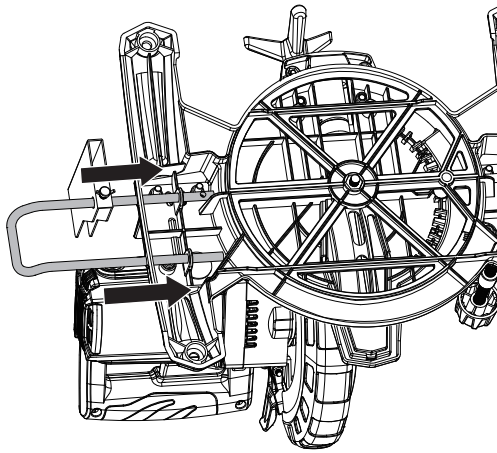


Figure 7

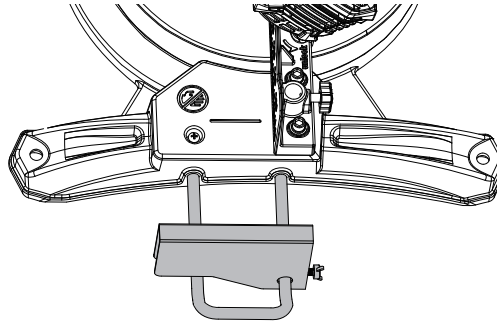


Figure 8

4. WORK CLAMP (SEE FIG. 9)

When cutting workpieces, they should always be clamped with a work clamp. The work clamp can be fitted on either side of the saw and is fully adjustable to suit the size of the workpiece. To install the work clamp, just insert it into the hole located at rear of the fence on either side of the base plate. Work clamp lock knob is used to secure the work clamp on the base plate. Adjustment knob (a) is used to adjust the height of the rail (c).
Adjustment knob (b) is used to lock the workpieces.

NOTE:

- Do not operate the saw without clamping the workpiece.
- Make sure that the work clamp securing knobs are tightened.

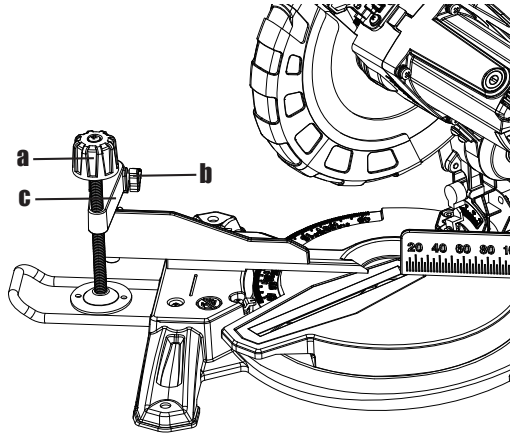


Figure 9

5. MOUNTING BOLT (SEE FIG. 10)

Before use, the mitre saw can be fixed to a firm, level and stable supporting surface, such as a workbench.
Four mounting holes have been provided in the base plate for this purpose. Each of these four mounting holes should be securely bolted using appropriate machine bolt with suitable lock washer and hex nut (not supplied).
To mount the saw, proceed as follows:

1) Locate and mark where the saw is to be mounted.
2) Drill 4 holes through the surface.
3) Place the mitre saw on the surface aligning holes in base with holes drilled in the surface.
4) Install and tighten the bolts, washers and hex nuts.

Carefully check the workbench after mounting the saw to make sure that no movement can occur during use. If any tipping, sliding or walking is noted, secure the workbench to the floor before operating.
NOTE: The saw can be used without the need to mount. However, if you will be using the saw for a long period of time, we advise that it is mounted securely.

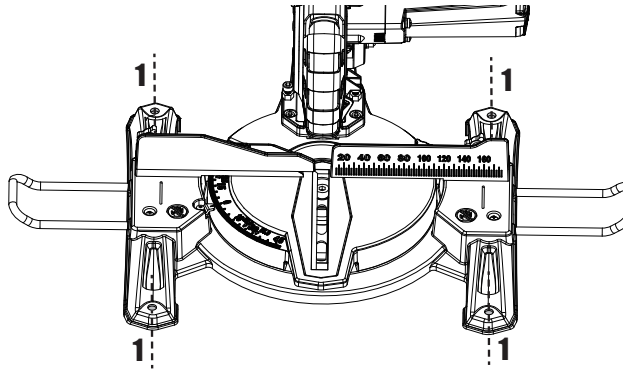


Figure 10

BEFORE OPERATION

1. MITRE TABLE LOCK (SEE FIG. 11, 12)

The mitre saw cuts from 0° to 45° in the left or right side (the saw blade is facing to the operator). To adjust the mitre angle, first loosen the mitre table lock knob by turning it anti-clockwise. Then hold the rotating mitre table handle and move the handle to the left in order to adjust the rotating mitre table to a desired angle. Align the pointer with the mitre angle scale marked on the table. After that, tighten mitre table lock knob by turning it clockwise to lock the mitre table in the required mitre angle.

The rotating mitre table features positive click stops at 0°, 15°, 22.5°, 30° and 45° for quick setting of common mitre angles.

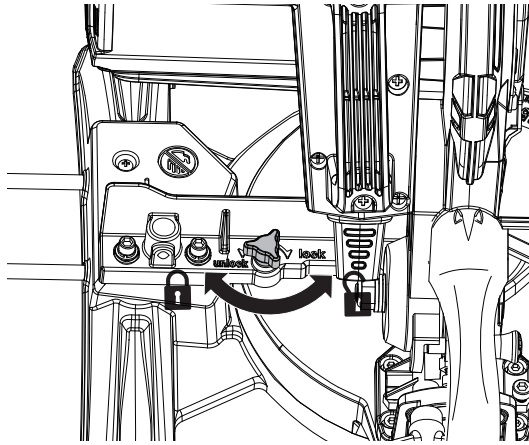


Figure 11

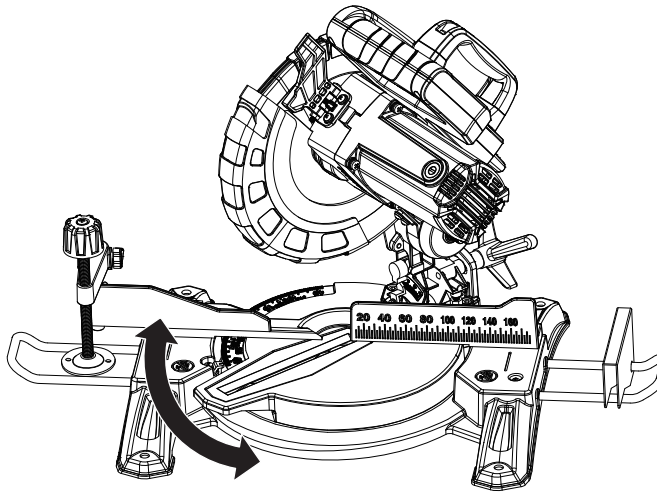


Figure 12

2. BEVEL LOCK (SEE FIG. 13-16)

The bevel lock is used to set the blade at the desired bevel angle. The mitre saw bevel cuts from 0° to 45° to the left (the saw blade is facing to the operator). To adjust the bevel angle, follow the steps below:

1) Make sure the bevel lock knob is installed correctly.
2) Loosen the locking bolt (d) using the hex key provided located on the extension fence. Pull the extension fence outwards to its farthest position. Tighten the locking bolt again to lock the fence.
3) Loosen the bevel lock knob by turning it anti-clockwise and move the saw head to the left (the saw blade is facing to the operator) to a desired bevel angle (between 0° and 45°). Tighten the bevel lock knob by turning it clockwise.

NOTE: Assemble the work clamp on the right side before adjusting into bevel cut mode.
NOTE: Always pull the extension fence outwards before bevel cut.

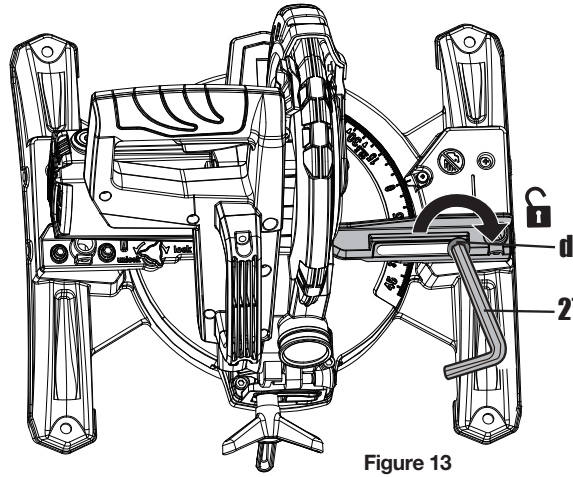


Figure 13

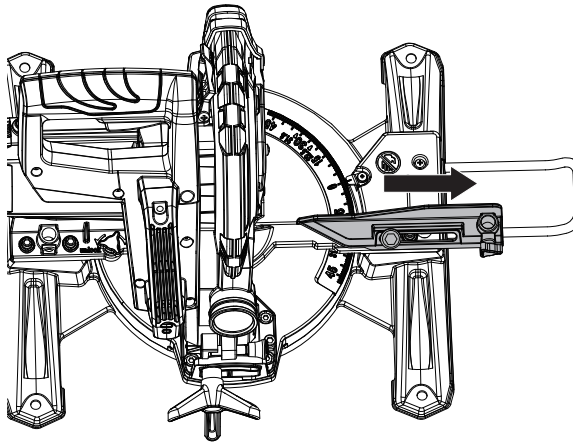


Figure 14

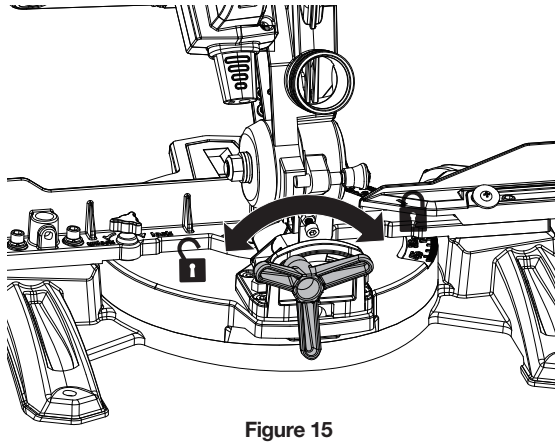


Figure 15

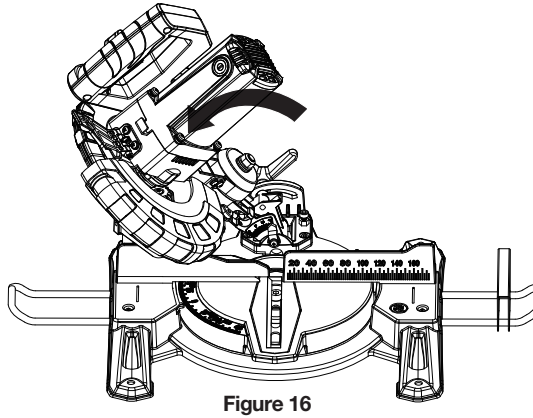


Figure 16

3. SPINDLE LOCK BUTTON (SEE FIG. 17)

The spindle lock button prevents the blade in the saw from rotating. Depress and hold the spindle lock button while installing, changing, or removing the blade.

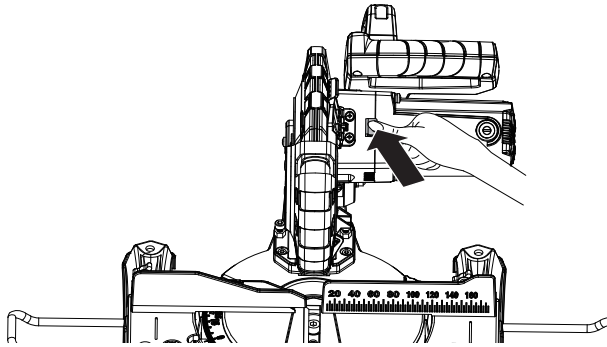


Figure 17

OPERATION

INTENDED USE

The machine is intended as a stationary machine for making straight lengthways and crossways cuts in wood. Horizontal mitre angles of 0° to +45° as well as vertical bevel angles of 0° to +45° are possible.

1. STARTING THE SAW (SEE FIG. 18, 19)

WARNING: DO NOT START UNDER LOAD.

1) Push the lower blade lock lever outwards a little and hold it, so that the lock lever is far away from the upper fixed guard, and the lower rotating guard can rotate upwards. Then press down the saw head by holding the operating handle.
2) Squeeze the on/off switch to turn on the saw and allow the blade to reach full operational speed.
3) Gently but firmly lower the saw head and allow the blade to cut through the workpiece.
4) When the cut has been completed, hold the saw head in the down position and release the on/off switch.
5) Let the blade stop completely before allowing the saw head to rise to its upper position.
6) Remove your hand from the operating handle only when the saw head is raised, the blade is stationary and the lower rotating guard is covering the blade.

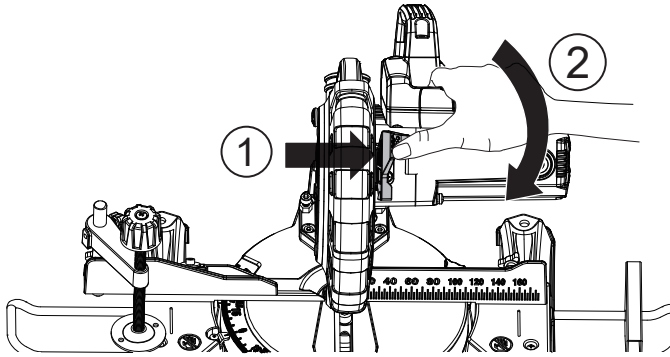


Figure 18

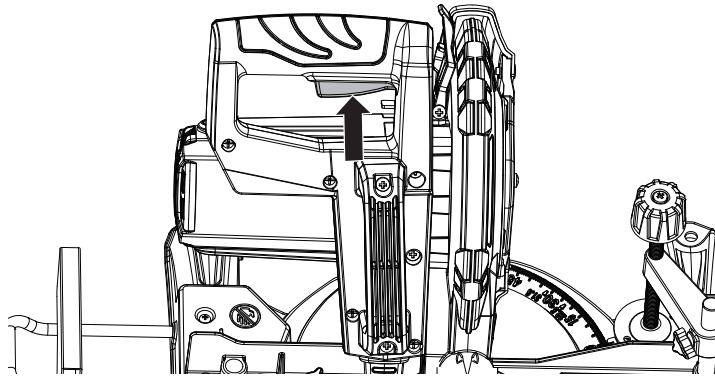


Figure 19

2. CROSS CUT (SEE FIG. 20)

A crosscut is made by cutting across the grain of the workpiece. A 90° crosscut is made with the mitre table set at 0°.

1) Connect the machine to power outlet and ensure that the mains cable is clear of the blade and base plate.
2) Position the material to be cut on the rotating mitre table with one edge securely against the fence, ensure it is firmly clamped with the work clamp so that it will not move during cutting.

NOTE: Ensure that the bevel lock knob is tightened before cutting.

3) Before turning on the saw, perform a dry run of the cutting operation just to make sure that no problems will occur when the cut is made.
4) Hold the operating handle firmly when squeezing the on/off switch. Allow several seconds for the blade to reach maximum speed.
5) Press and hold the on/off switch, slowly lower the saw head and blade into and through the workpiece. Continue to move the saw head down smoothly and make the cut exerting only gentle pressure on the downward stroke, letting the saw do the work.
6) Release the on/off switch. Allow the saw blade to stop rotating before raising the blade out of the workpiece. Wait until the blade stops before removing the workpiece.

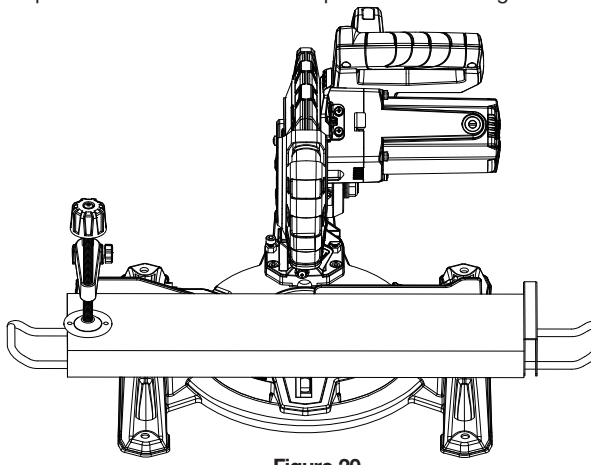


Figure 20

3. MITRE CUT (SEE FIG. 21)
A mitre cut is made at 0° bevel and any mitre angle in the range from 0° to 45° left (the saw blade is facing to the operator).
To adjust the mitre angle, refer to MITRE TABLE LOCK section in the BEFORE OPERATION section.
After setting the required mitre angle, follow the procedures of cross cut.

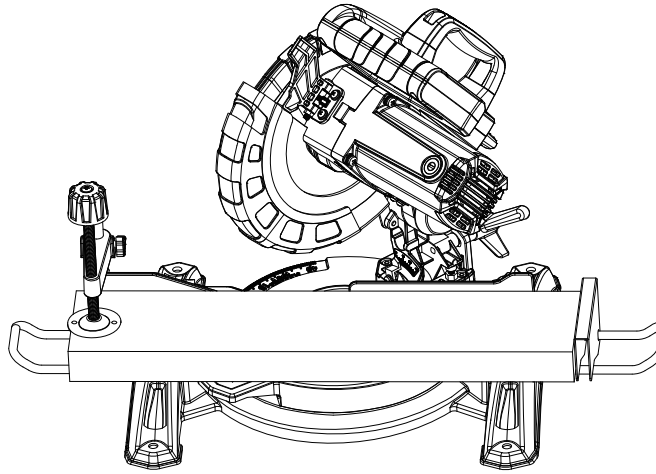


Figure 21

4. BEVEL CUT (SEE FIG. 22)
A bevel cut is made at 0° mitre and any bevel angle in the range of 0° to 45° left (the saw blade is facing to the operator).
The saw can be moved from the normal 0° perpendicular position to an angled position down to 45° from the horizontal, on the left only.
The bevel lock is used to set the blade at the desired bevel angle. To adjust the bevel angle, refer to BEVEL LOCK section in the BEFORE OPERATION section.
After setting the required bevel angle, follow the procedures of cross cut.

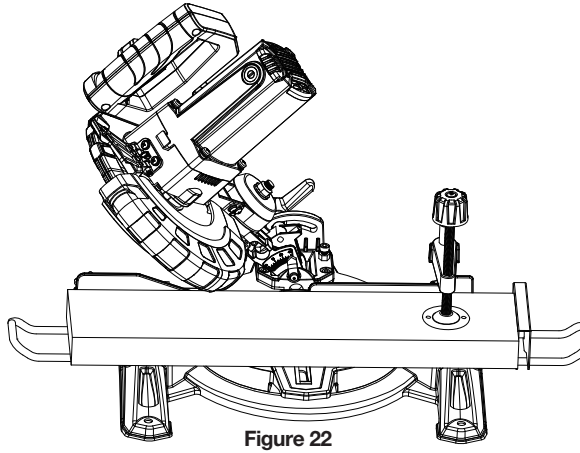


Figure 22

5. COMPOUND CUT (SEE FIG. 23)

A compound mitre cut is a cut made using a mitre angle and a bevel angle at the same time. This type of cut is used for mouldings, picture frames, and boxes with sloping sides. Always make a test cut on a piece of scrap wood before cutting into the good material.

Set the mitre angle and bevel angle refer to MITRE TABLE LOCK section and BEVEL LOCK section in the BEFORE OPERATION section.

After setting the required mitre and bevel angle, follow the procedures of cross cut.

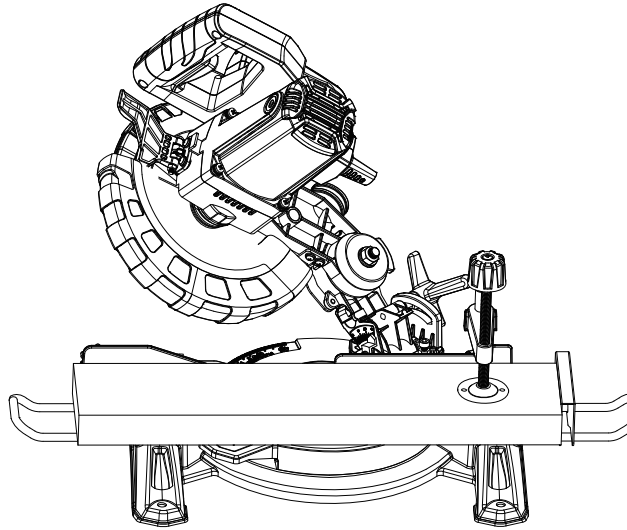


Figure 23

MAINTENANCE

1. PRECISION SETTING OF ANGLES (SEE FIG. 24-27)

While the machine has been factory set, it is advisable that the 0° setting of the rotary table and the 90° perpendicular setting of the tilt be checked, as these positions may have moved in transit.

To confirm the 0° rotating mitre table setting, set the rotating mitre table at 0° and tighten the mitre table lock knob. Check that the angle between the straight guide and the blade is 90° using a tri-square (e) (not supplied) as shown in Fig. 24. If the angle requires adjustment, loosen the locking bolts (f) for straight guide, and align the fence against the tri-square.

Re-tighten the locking bolts (f) for straight guide.

Similarly, check that the angle of the blade to the face of the rotary table is 90°. If necessary, adjust the tilt angle of the saw head at the 90° position: loosen the bevel lock lever and adjust the 0° bevel adjustment screw (g) to bring the saw blade into alignment with the square. Loosen the head screw (h) holding the pointer of the bevel scale and adjust the position of the pointer so that it accurately indicates zero on the scale. Retighten the head screw (h). Retighten the bevel lock lever and the 0° bevel adjustment screw (g).

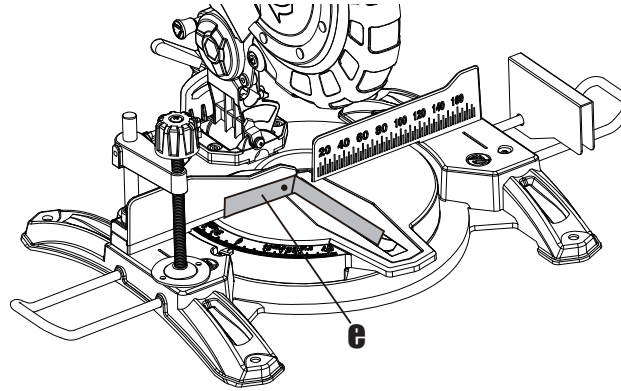


Figure 24

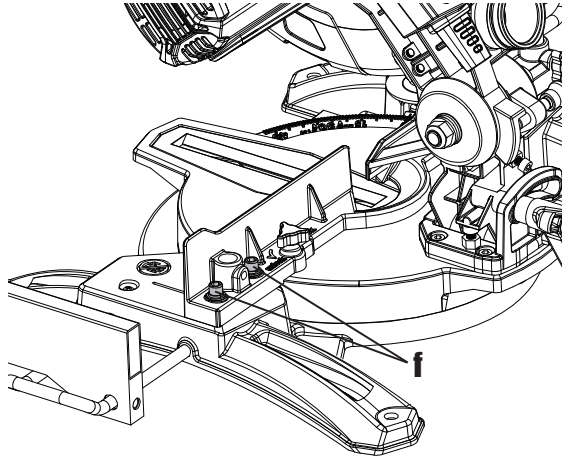


Figure 25

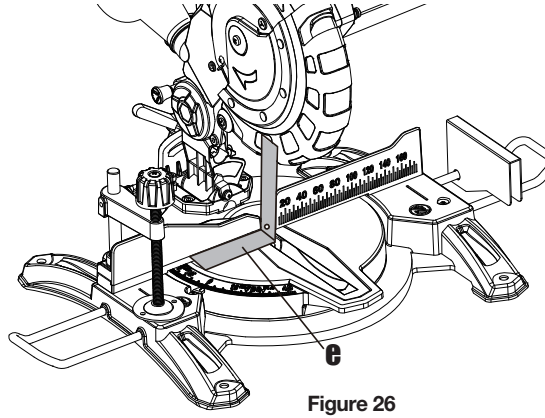


Figure 26

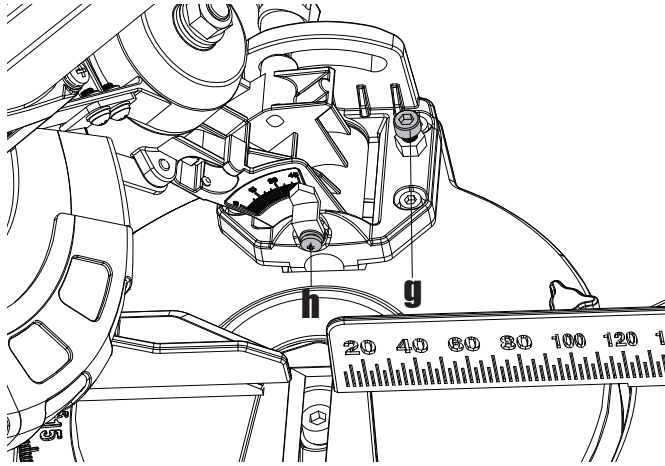


Figure 27

2. CHANGING THE SAW BLADE (SEE FIG. 28-31)

WARNING: To prevent personal injury, always disconnect the plug from power source before assembling parts, making adjustments or changing blades.

1) Unplug the saw from the power supply.
2) Release and raise the saw head to its fully raised position. Caution, the lower blade guide is spring loaded.
3) Loosen the screw (i) from the lower left of the upper fixed guard as shown in Fig. 28.
4) Push the lower blade lock lever outwards a little and hold it, then rotate the lower rotating guard together with the blade bolt cover anti-clockwise until the blade bolt appears.
5) Depress the spindle lock button and rotate the saw blade with an anti-clockwise direction until the spindle lock button engages and the saw blade cannot rotate.
6) Use the hex key provided to loosen and remove the blade bolt by turning it clockwise. Remove the outer flange, and the saw blade. DO NOT remove the inner flange.
7) Wipe a drop of anti-rust oil onto the inner flange and the outer flange where they come in contact with the blade.

WARNING: If the inner flange has been removed, reposition it BEFORE placing blade on the spindle. Failure to do so could cause an accident because the blade will not tighten properly.

WARNING: ALWAYS install the blade with the blade teeth and the arrow printed on the side of the blade pointing down at the front of the saw. The direction of blade rotation is also stamped with an arrow on the lower blade guard.

WARNING: To prevent damage to the spindle lock, always allow the motor to come to a complete stop before engaging the spindle lock. Always make sure the spindle lock is disengaged before reconnecting saw to the power source.

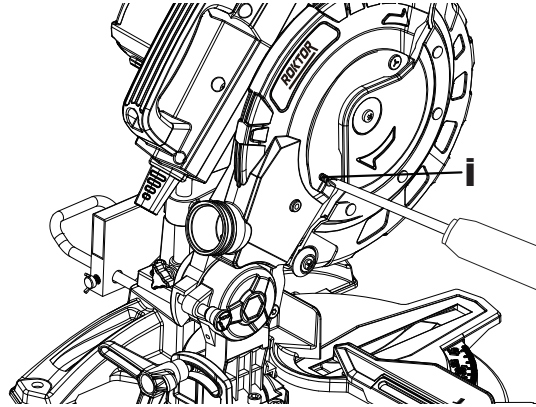


Figure 28

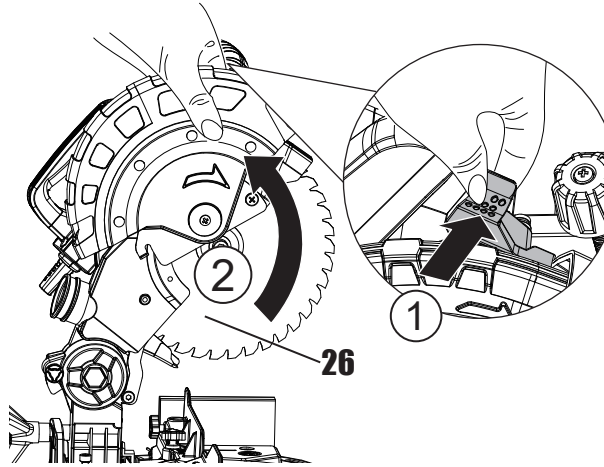


Figure 29

8) Fit the new blade onto the spindle taking care that the inner flange sits behind the saw blade.
9) Reposition the outer flange.
10) Depress the spindle lock button and reposition the blade bolt.
11) Use the supplied hex key to tighten the blade bolt securely (tighten in an anti-clockwise direction).
12) Re-tighten the screw (i).
13) Check that the blade guard operates correctly and covers the blade as the operating handle is lowered.
14) Connect the saw to the power supply and run the blade to make certain that it is operating correctly.

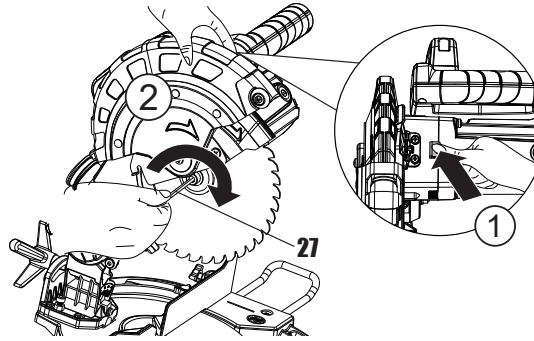


Figure 30

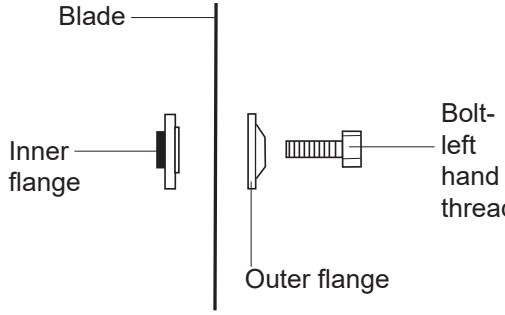


Figure 31

3. CHANGING CARBON BRUSHES (NOT SUPPLIED) (SEE FIG. 32)
Remove the brush cover with a screwdriver (not supplied). Next raise the end of the spring and slide the brush out from the brush holder, easing the connector from its terminal. Check the length of the brush and replace if under 6mm (original size 16.5mm). Worn brushes should be replaced in the same holder and position as removed. Insert the existing brush or new brush (not supplied), secure the connector, reposition the spring and then check the other brush. When brushes need replacement always renew both brushes, even if one is still more than 6mm long. Check that the tool is working. Before use, allow it to run for a few minutes to enable the brushes to settle.

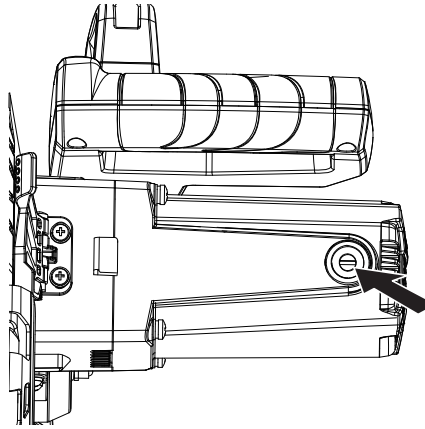


Figure 32

CARE AND CLEANING

Remove the plug from the socket before carrying out any adjustment, servicing or maintenance. Your power tool requires no additional lubrication or maintenance. There are no user serviceable parts in your power tool. Never use water or chemical cleaners to clean your power tool. Wipe clean with a dry cloth. Always store your power tool in a dry place. Keep the motor ventilation slots clean. Keep all working controls free of dust.
If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

- Disconnect the power and allow the tool rotation to stop.
- Use a slightly damp cloth to clean the enclosure. Do not allow water to enter the tool.
- Do not use any chemical or abrasive cleaners.
- When the tool is not used for long periods of time, it should be protected from dust and stored in a clean dry place.
- Clean it with a soft cloth. If the dust is difficult to wipe away, rub it with soapy water.
- **WARNING!** Unplug the tool before cleaning.

TROUBLESHOOTING

Use this section to help you to try and solve any problems you may have:

PROBLEM	POSSIBLE CAUSES	REMEDIES
The tool is not operating.	• The plug is not fully inserted into the wall outlet • Faulty power switch	• Make sure that the plug is fully inserted into the base AC wall outlet. • Contact Customer Service Centre.
The tool stops during operation	• Motor overheated. • Excessive pressure applied	• Switch off and allow the tool to cool. • Reduce pressure during operation

NOTE: IF YOU EXPERIENCE A PROBLEM WITH YOUR POWER TOOL, PLEASE DO NOT ATTEMPT TO OPEN OR REPAIR THE POWER TOOL YOURSELF. DOING SO MAY VOID THE WARRANTY AND COULD CAUSE DAMAGE OR PERSONAL INJURY. IF THE PROBLEM STILL PERSISTS, PLEASE CONTACT US BY REFERRING TO THE SERVICE & SUPPORT INFORMATION ON THE FOLLOWING PAGE.

DECLARATION OF CONFORMITY / PERFORMANCE

Product Code: AJ037 (BMS2101)
Product Description: 1450W 210mm Single Bevel Mitre Saw

1. Toolstation (company number 04372131)
   This declaration of conformity is issued under the sole responsibility of Toolstation

2. Object of the declaration
   The object of the declaration described above is in conformity with the relevant Community harmonisation legislation:

- Supply of Machinery (Safety) Regulations 2008
- Electromagnetic Compatibility Regulations 2016
- The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations

3. References to the relevant standards used (or references to the specifications in relation to which conformity is declared):
- BS EN 62841-1
- BS EN 62841-3-9
- BS EN IEC 55014-1
- BS EN IEC 55014-2
- BS EN IEC 61000-3-2
- BS EN 61000-3-3
- BS EN IEC 63000

4. Additional information:
   Signed for and on behalf of Toolstation Limited

ENVIRONMENTAL INFORMATION

The symbol on the product or its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste for recycling, please contact your local authority, or where you purchased your product.

WARRANTY

Toolstation products deliver reliable service for normal, household use in domestic settings. All Toolstation products are individually tested before leaving the factory.
Your product is under warranty for 2 years from the date of purchase or the date of delivery of the product, if later.

The warranty is subject to the following provisions:

- The warranty does not cover accidental damage, misuse, parts, knobs, or consumable items.
- The product must be correctly installed and operated in accordance with the instructions contained in this manual.
- It must be used solely for domestic purpose.
- The warranty will be rendered invalid if the product is re-sold or has been damaged by inexpert repair.
- Specifications are subject to change without notice.
- The manufacturer disclaims any liability for incidental or consequential damages.
- The warranty is in addition to, and does not diminish your statutory or legal rights.

CUSTOMER SUPPORT

Helpline: +44 3331 880059
Email: roktor.support@positecgroup.com

Made in China