VEVOR®

TOUGH TOOLS, HALF PRICE

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WET TILE SAW

MODEL:TC250VI-I

We continue to be committed to provide you tools with competitive price.
"Save Half", "Half Price" or any other similar expressions used by us only represents an estimate of savings you might benefit from buying certain tools with us compared to the major top brands and doses not necessarily mean to cover all categories of tools offered by us. You are kindly reminded to verify carefully when you are placing an order with us if you are actually saving half in comparison with the top major brands.

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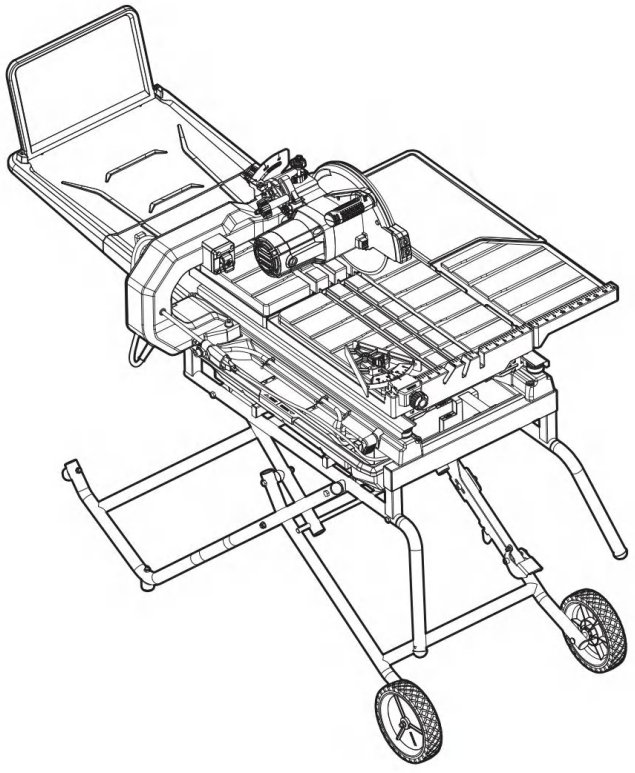
WET TILE SAW

MODEL:TC250VI-I



NEED HELP? CONTACT US!

Have product questions? Need technical support? Please feel free to contact us:

CustomerService@vevor.com

This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

Symbol description

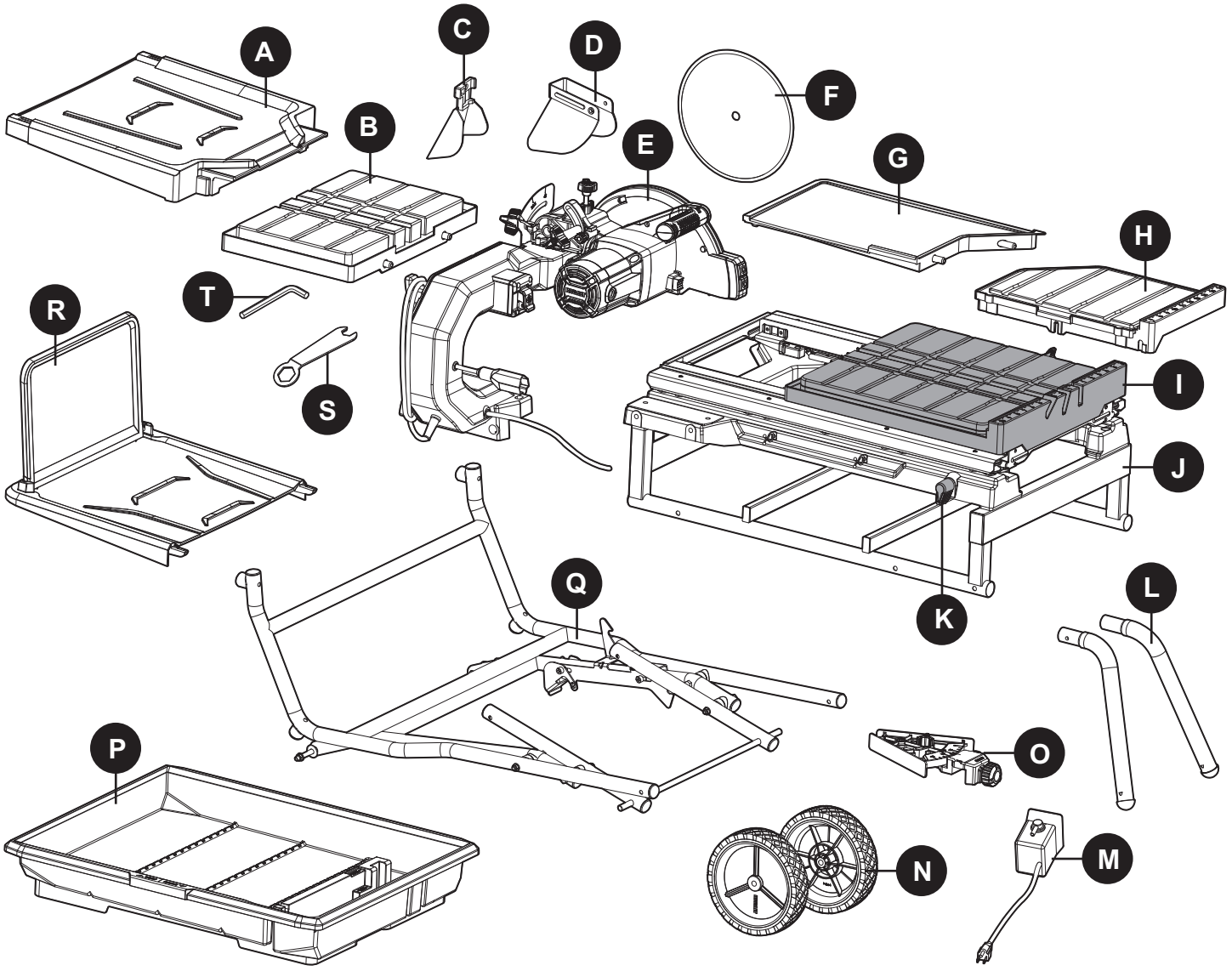
	Warning - To reduce the risk of injury, user must read instructions manual carefully.
	This symbol, placed before a safety comment, indicates a kind of precaution, warning, or danger. Ignoring this warning may lead to an accident. To reduce the risk of injury, fire, or electrocution, please always follow the recommendation shown below.
	Warning- Be sure to wear eye protectors when using this product.

TABLE OF CONTENTS

PRODUCT SPECIFICATIONS

DESCRIPTION	SPECIFICATIONS
Voltage	120~ V, 60 Hz
Amperage	15 A
No Load Speed	4,500 RPM
Blade	10 in. x 5/8 in. (arbor)
Maximum Cutting Depth	3-3/4 in.
Rip Cut	36 in.
Diagonal Cut	24 in.
Bevel Cut Range	0°, 22.5°, 45°

PACKAGE CONTENTS

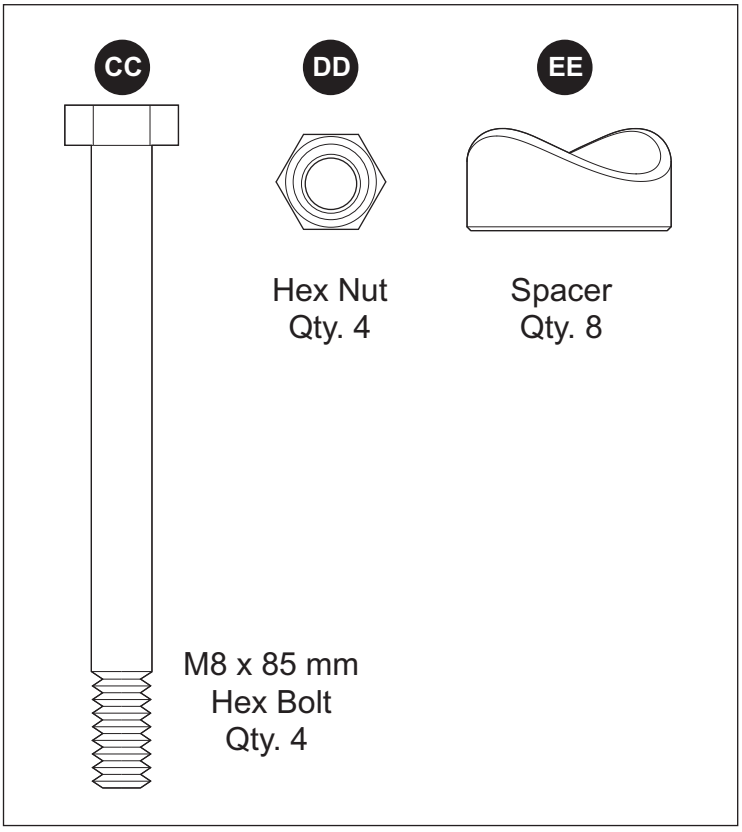


PART	DESCRIPTION	QUANTITY
A	Rear Extension Tray-1	1
B	Rear Extension Table	1
C	Rear Rubber Flap	1
D	Side Rubber Flap	1
E	Motor Head Assembly	1
F	Cutting Wheel	1
G	Side Extension Tray	1
H	Side Extension Table	1
I	Sliding Table	1
J	Frame and Sliding Table Assembly	1

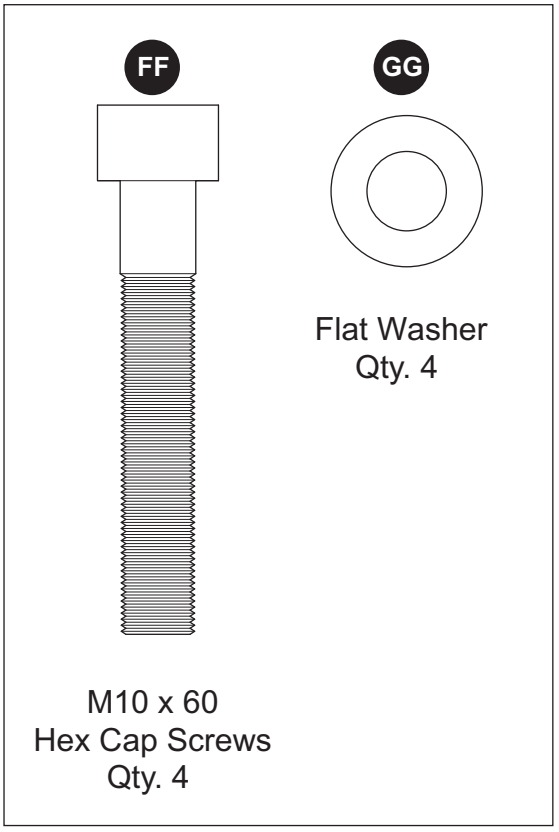
PART	DESCRIPTION	QUANTITY
K	Sliding Table Lock Knob	1
L	Handle	2
M	Pump	1
N	Wheel	2
O	Miter Guide	1
P	Water Tray	1
Q	Stand Assembly	1
R	Rear Extension Tray-2	1
S	Arbor Wrench	1
T	Hex Wrench	1

HARDWARE CONTENTS (shown actual size)

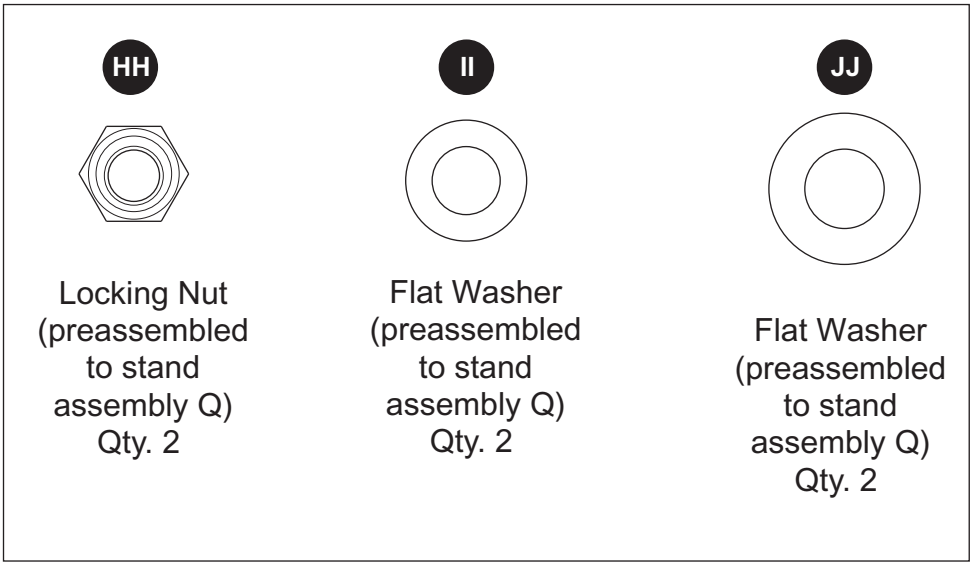
Hardware for Stand
Replacement Part #108505116



Hardware for Motor Head
Replacement Part #108505117



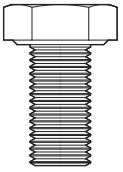
Hardware for Wheel
Replacement Part #108505118



HARDWARE CONTENTS (shown actual size)

Hardware for Handle
Replacement Part #108505119

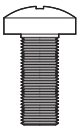
LL



M8 x 16 mm
Hex Bolt
(preassembled
to handle L)
Qty. 2

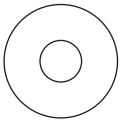
Hardware for Rear Rubber Flap
Replacement Part #108505120

MM



M5 x 12 mm
Cross Screw
(preassembled
to motor head
assembly E)
Qty. 1

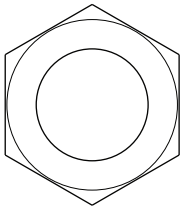
NN



Big Flat Washer
(preassembled
to motor head
assembly E)
Qty. 1

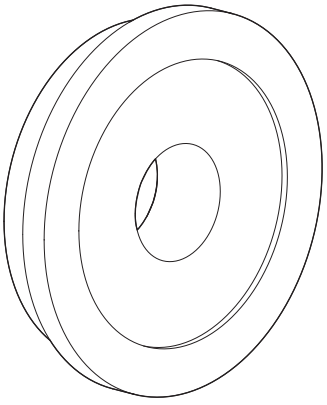
Blade Locking Assembly
Replacement Part #108505121

OO



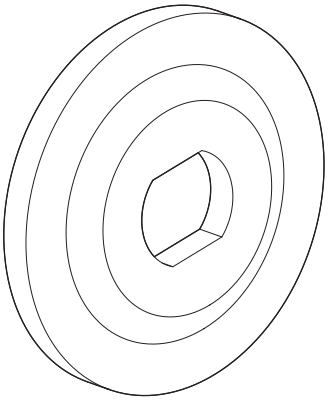
Arbor Nut
(preassembled to
tile saw CC)
Qty. 1

PP



Inner Washer
(preassembled to
tile saw CC)
Qty. 1

QQ



Outer Washer
(preassembled to
tile saw CC)
Qty. 1

SAFETY INFORMATION

Please read and understand this entire manual before attempting to assemble, operate, or install the product.

This manual contains information that relates to PROTECTING PERSONAL SAFETY and PREVENTING EQUIPMENT PROBLEMS. It is very important to read this manual carefully and understand it thoroughly before using the product. The symbols listed below are used to indicate this information.

DANGER
Potential hazard that will result in serious injury or loss of life.

WARNING
Hazard that could result in serious injury or loss of life.

CAUTION
Potential hazard that may result in moderate injury or damage to equipment.

Note: The word “Note” is used to inform the reader of something the operator needs to know about the tool.

SAFETY RECOMMENDATIONS

These precautions are intended for the personal safety of the operator and others working with the operator. Failure to follow these instructions may result in a permanent loss of vision, serious personal or even fatal injury, property damage and/or tool damage. Please take time to read and understand them. Safety is a combination of common sense, staying alert and knowing how your saw works.

WARNING
To avoid mistakes that could cause serious injury, **DO NOT** plug in the saw until you have read and understood the rules.

BEFORE USE

- For safe handling of this product, the user must have read and understood the instructions for use before using it for the first time.
- Observe all safety instructions! If you **DO NOT** observe the safety instructions, you will endanger yourself and others.
- Keep all instructions for future reference.
- Attach the instructions for use, if you pass on the product to someone else.
- KEEP WORK AREA CLEAN. Cluttered areas and benches invite accidents.
- All parts of the product, safety devices in particular, must be correctly installed to ensure faultless operation.

SAFETY INFORMATION

OPERATION/WORKPLACE

- KEEP GUARDS IN PLACE and in working order.
- REMOVE ADJUSTING KEYS AND WRENCHES. Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.
- KEEP CHILDREN AWAY. All visitors should be kept at a safe distance from work area.
- MAKE WORKSHOP CHILDPROOF with padlocks, master switches or by removing starter keys.
- DO NOT FORCE TOOL. It will do the job better and safer at the rate for which it was designed.
- USE THE RIGHT TOOL. DO NOT force tool or attachment to do a job for which it was not designed.
- DO NOT OVERREACH. Keep proper footing and balance at all times.
- REDUCE THE RISK OF UNINTENTIONAL STARTING. Make sure switch is in the off position before plugging in.
- DIRECTION OF FEED. Feed work into a cutting disc against the direction of rotation of the blade or cutter only.
- **NEVER** LEAVE TOOL RUNNING UNATTENDED. TURN POWER OFF. DO NOT leave tool until it comes to a complete stop.
- The product may be used only when in a good working condition. If the product or part of the product is defective, have it repaired by an expert.
- **ALWAYS** follow the applicable national and international safety, health and labor regulations.
- The product may only be used if no defects are found during the inspection. Ensure that any defective parts are replaced before the product is used again.
- Position the product horizontally on a rigid, even surface with adequate load-bearing capacity.
- **DO NOT** leave any tools, objects, or cables lying in the working range of the device.
- Ensure that there is sufficient lighting during operation.
- Assume a natural and secure stance when working.
- Make sure that during operation, no body parts or clothing are caught and drawn in by rotating components.
- The immediate environment must be free of combustible and other flammable or explosive substances.
- Young people under 18 years of age and users who are not sufficiently familiar with its operation must not use the product.
- Persons unable to safely and carefully use the tool for any reason must not use the product.
- Work with caution. Do not operate this products if you are fatigued, ill, or are under the influence of alcohol, medication and/or drugs.

SERVICE

- DISCONNECT TOOLS before servicing or when changing accessories, such as cutting discs.
- Have your electrical tool repaired only by qualified technicians, using only genuine spare parts. This will maintain the safety of the electrical tool.
- DO NOT USE IN A DANGEROUS ENVIRONMENT. DO NOT use power tools in damp or wet locations, or expose them to rain. Keep work area well lit.

SAFETY INFORMATION

- MAINTAIN TOOLS WITH CARE. Keep tools sharp and clean for best and safest performance.
- Follow instructions for lubricating and changing accessories.
- A cutting disc can cause injuries, even when stationary! Use protective gloves to change the cutting disc.
- **NEVER** use lateral counter pressure to bring the cutting disc to a standstill after switching off the drive.
- Replace table insert when worn.
- Use only diamond discs recommended by the manufacturer.
- **NEVER** use blades on this machine.
- Use only diamond discs for which the maximum possible speed is not less than the maximum spindle speed of the tool and the material to be cut.
- Maximum size of working piece should be 10 sq. ft.
- This tile saw should be used at an ambient temperature between 59-80°F (15-50°C).
- USE PROPER EXTENSION CORD. Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage, resulting in loss of power and overheating. The chart on Page 10 shows the correct size to use depending on cord length and nameplate ampere rating. If in doubt, use the next heavier gauge. The smaller the gauge number, the heavier the cord.

STORAGE AND TRANSPORT

- **ALWAYS** store the product in a dry place.
- Store the product in a frost-free place.
- Protect the product from damage during transport.
- Keep the product away from children. Store the product in a place where it is safe from children and unauthorized persons.

RESIDUAL RISKS

Even when the product is used properly and in compliance with all the safety precautions in these instructions, the following residual risks can arise:

- Touching the cutting disc in the exposed area.
- Reaching into the spinning cutting disc.
- Rebound from workpieces and workpiece parts.
- Cutting disc breaks.
- Faulty cutting disc diamond attachment being flung out.
- Hearing damage through failure to wear the requisite hearing protection.

WARNING

For your own safety, read instruction manual before operating saw.

- Wear eye protection.
- Use splash guard for every operation for which it can be used.
- Disconnect saw before servicing, when changing cutting wheels, and cleaning.
- Use tool only with smooth edge cutting wheels free of openings and grooves.
- Replace damaged cutting wheel before operating.
- **DO NOT** fill water tank above water fill line.

SAFETY INFORMATION

WARNING

The tool is loud and the sound can cause hearing damage. **ALWAYS** wear ear protection to help prevent hearing damage and loss. Failure to comply may result in moderate injury.

READ OPERATOR'S MANUAL

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

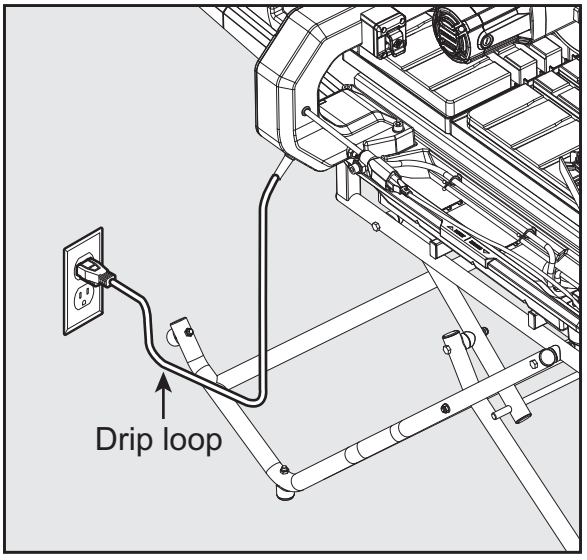
- **USE SAFETY GOGGLES AND EAR PROTECTION**
- **ALWAYS** WEAR EYE PROTECTION THAT CONFORMS WITH UL REQUIREMENTS. FLYING DEBRIS can cause permanent eye damage.

USE DUST MASK

Some dust created by sawing contains chemicals that are known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals come from lead-based paints, crystalline silica from bricks, cement and other masonry products, arsenic and chromium from chemically-treated lumber. To reduce exposure to these chemicals, work in a well-ventilated area with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles.

POSITION OF TILE SAW

- To avoid the possibility of the appliance plug or receptacle getting wet, position tile saw to one side of a wall-mounted receptacle to prevent water from dripping onto the receptacle or plug. The user should arrange a "drip loop" in the cord connecting the saw to a receptacle. The "drip loop" is the part of the cord below the level of the receptacle, or the connector if an extension cord is used, to prevent water traveling along the cord and coming into contact with the receptacle.
- If the plug or receptacle does get wet, **DO NOT** unplug the cord. First, disconnect the fuse or circuit breaker that supplies power to the tool. Then unplug and examine for presence of water in the receptacle.

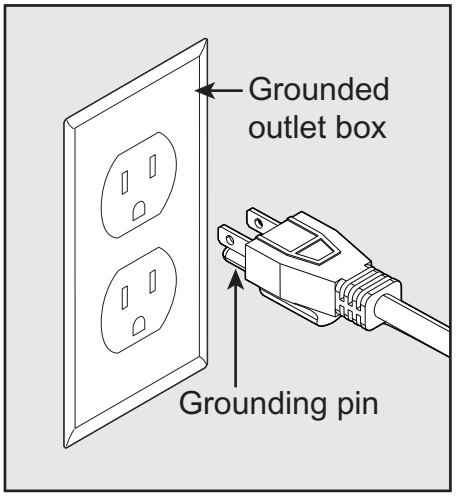


SAFETY INFORMATION

ELECTRICAL SAFETY

CAUTION

In all cases, verify that the outlet in question is properly grounded. If you are not sure, have a licensed electrician check the outlet.



GROUNDING INSTRUCTIONS

In the event of a malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This tool is equipped with an electric cord that has an equipment-grounding conductor and a grounding plug. The plug must be plugged into a matching outlet that is properly installed and grounded in accordance with all local codes and ordinances.

DO NOT modify the plug provided. If it will not fit the outlet, have the proper outlet installed by a qualified electrician.

Improper connection of the equipment-grounding conductor can result in a risk of electric shock. The conductor with a green outer surface, with or without yellow stripes, is the equipment-grounding conductor. If repair or replacement of the electric cord or plug is necessary, **DO NOT** connect the equipment-grounding conductor to a live terminal. Check with a qualified electrician or service technician if the grounding instructions are not completely understood, or if in doubt as to whether the tool is properly grounded. Use only three-wire extension cords that have three-prong grounding plugs and three-pole receptacles that accept the tool's plug, as shown. Repair or replace a damaged or worn cord immediately.

WARNING

- Use the proper extension cord. Make sure to use an extension cord that is heavy enough to carry the current required by the tool. An undersized cord will cause a drop in line voltage, resulting in loss of power and overheating of the tool.
- Use the extension cord only for intended purpose. **DO NOT** pull the extension cord to remove it from the power socket.

Recommended size for extension cords

Amperage Rating of the Tool (120 V Circuit Only)		Total Length of the Extension Cord			
		25' (7.6 m)	50' (15.2 m)	100' (30.5 m)	150' (45.7 m)
MORE THAN	NOT MORE THAN	MINIMUM GAUGE FOR THE EXTENSION CORD (AWG)			
0	6	18	16	16	14
6	10	18	16	14	12
10	12	16	16	14	12
12	16	14	12	Not recommended	

KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE

SAFETY INFORMATION

PREPARATION

Before beginning assembly of product, make sure all parts are present. Compare parts with package contents list and hardware contents list. If any part is missing or damaged, do not attempt to assemble the product.

Tools Required for Assembly (not included): 13 mm open wrench, adjustable wrench.

ASSEMBLY INSTRUCTIONS

UNPACKING

This product requires assembly.

- Carefully lift the saw from the carton and place on a level work surface.

WARNING

- **DO NOT** use this product if any loose parts on the Package Contents or Hardware Contents sections are already assembled to your product when you unpack it. Parts on this list are not assembled to the product by the manufacturer and require customer installation. Use of a product that may have been improperly assembled could result in serious personal injury.

1. Inspect the tool carefully to make sure no breakage or damage occurred during shipping.
2. **DO NOT** discard the packing material until you have carefully inspected and operated the tool.
3. The saw is factory set for accurate cutting. After assembling it, check for accuracy.
4. If any parts are damaged or missing, please call 1-888-3KOBALT (1-888-356-2258) for assistance.

WARNING

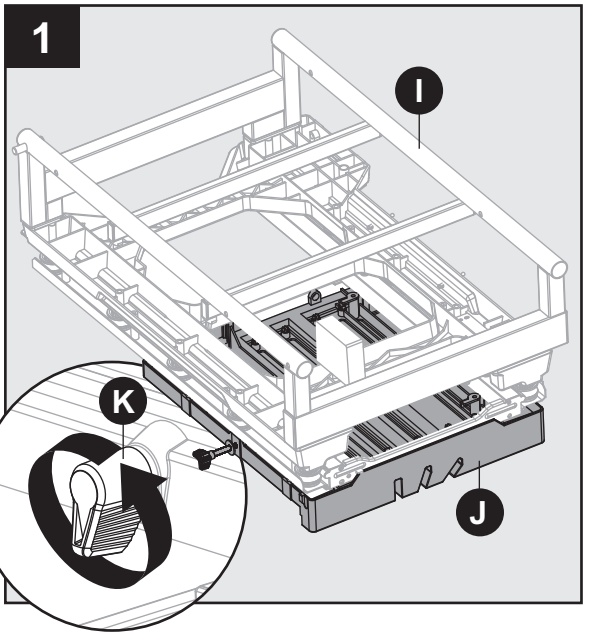
- If any parts are damaged or missing, **DO NOT** operate this tool until the parts are replaced. Use of this product with damaged or missing parts could result in serious personal injury.
- **DO NOT** attempt to modify this tool or create accessories not recommended for use with this tool. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.
- **DO NOT** connect to power supply until assembly is complete. Failure to comply could result in accidental starting and possible serious personal injury.

ASSEMBLY INSTRUCTIONS

Installing Stand Assembly to Frame and Sliding Table Assembly

1. Turn the sliding table lock knob (K) counter-clockwise to horizontal position to lock the sliding table (I). Place the frame and sliding table assembly (J) upside down on the protective material.

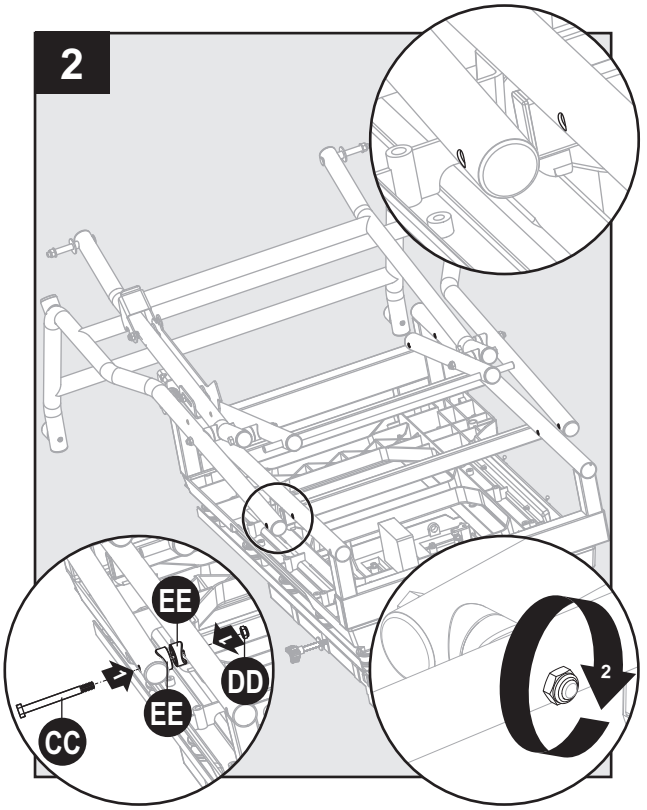
   Note: Place cardboard or an old blanket as protective material on floor in order to protect the surface of the sliding table.



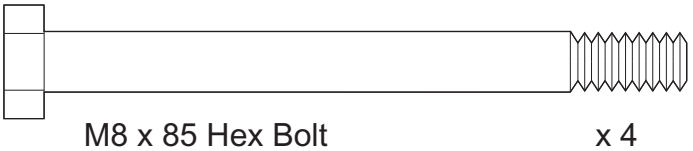
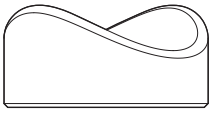
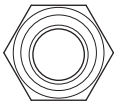
2. Align the four stand holes with four frame holes, insert hex bolt (CC) into one stand hole through two spacers (EE), and frame hole, slightly tighten with hex nut (DD). Repeat other three stand and frame holes. Tighten all the hex nuts.

   Note: The axles on stand are located on the opposite side with the sliding table locking knob.

   Note: Two spacers are opposite.

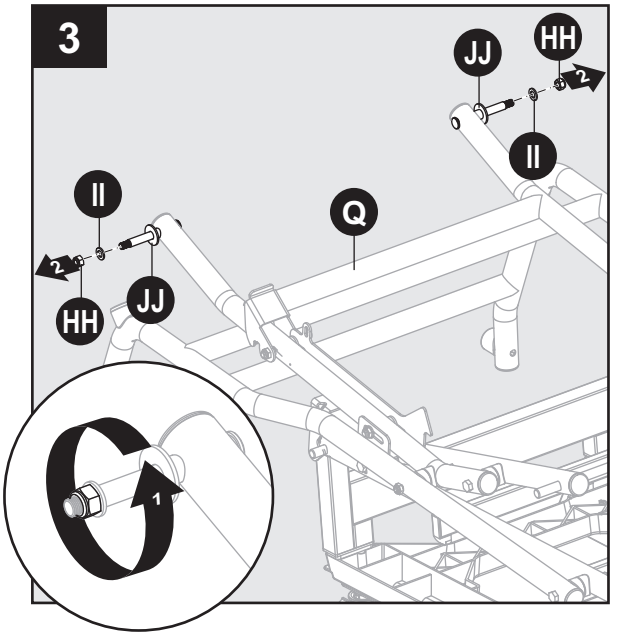


Hardware Used

DD	M8 x 85 Hex Bolt		x 4
FF	Spacer		x 8
FF	Hex Nut		x 4

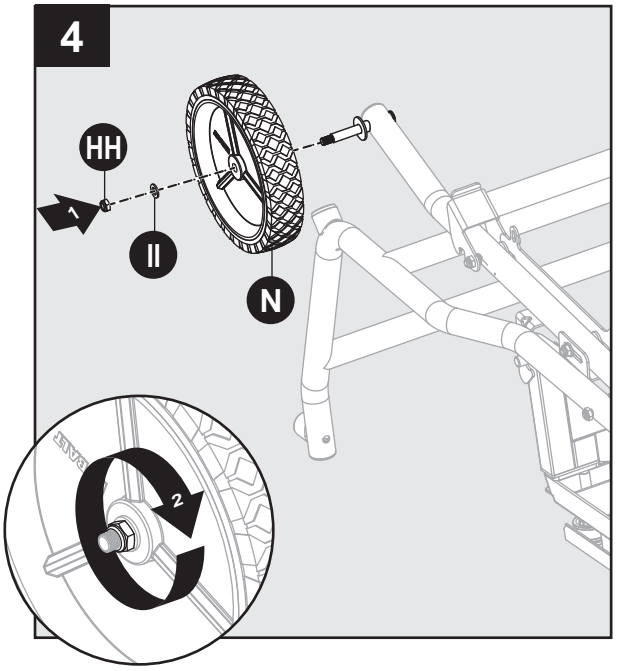
3. Remove lock nut (HH) and flat washer (II) preassembled to stand assembly (Q) from each axle.

   Note: Leave one flat washer (JJ) on each axle.



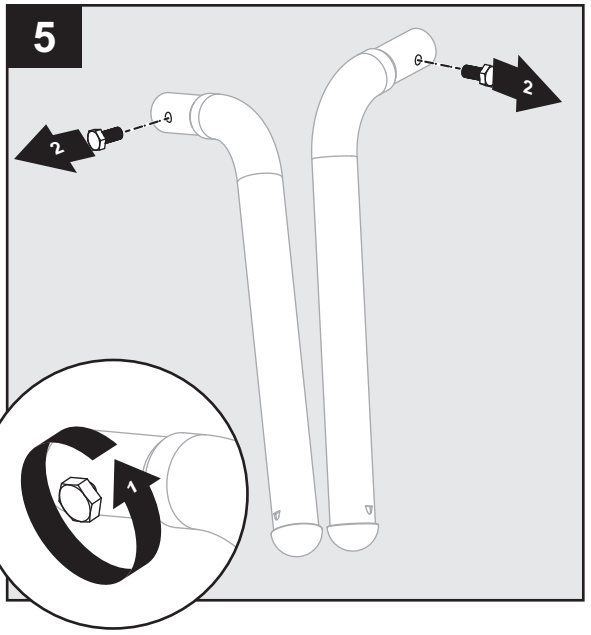
4. Slide wheel (N) and flat washer (II) (removed in previous step) onto axle of stand assembly (Q). Secure with lock nut (HH) (remove in previous step). Repeat for remaining wheel.

   Note: Kobalt logo on wheel should face outside of stand.

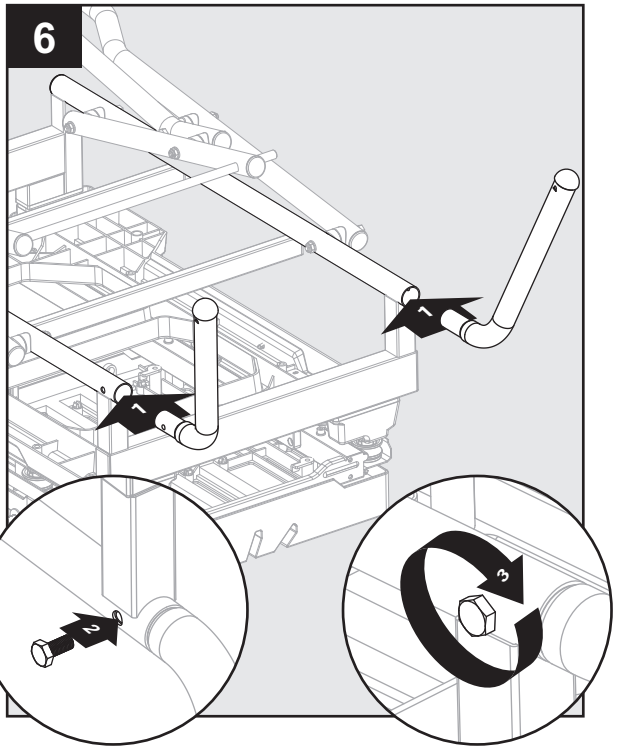


ASSEMBLY INSTRUCTIONS

5. Remove lock nut (UU) preassembled to handle (L) from handle (L).

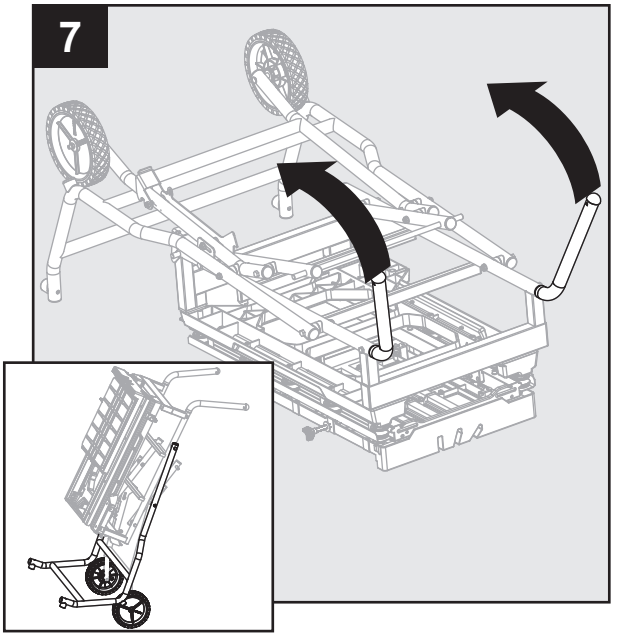


6. Attach handles (L) to Frame. Secure with lock nut (UU) (removed in previous step).

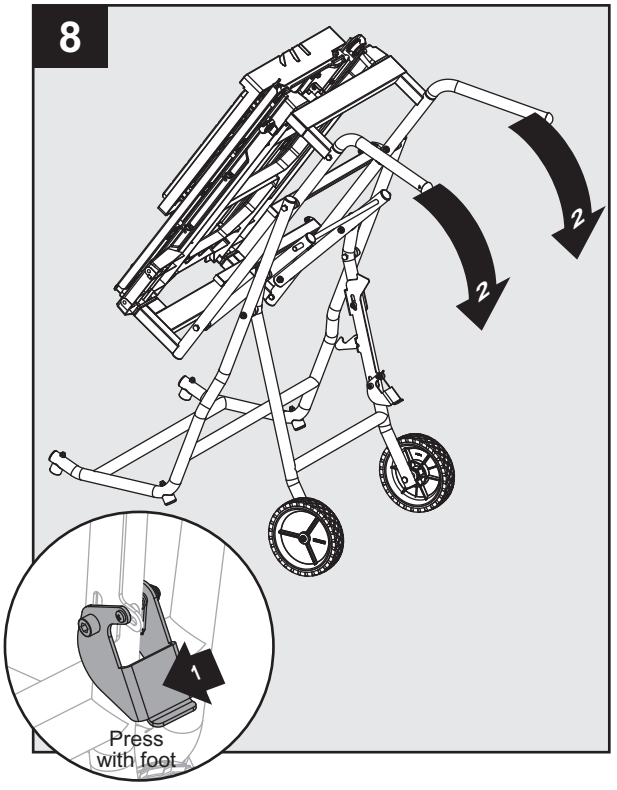


ASSEMBLY INSTRUCTIONS

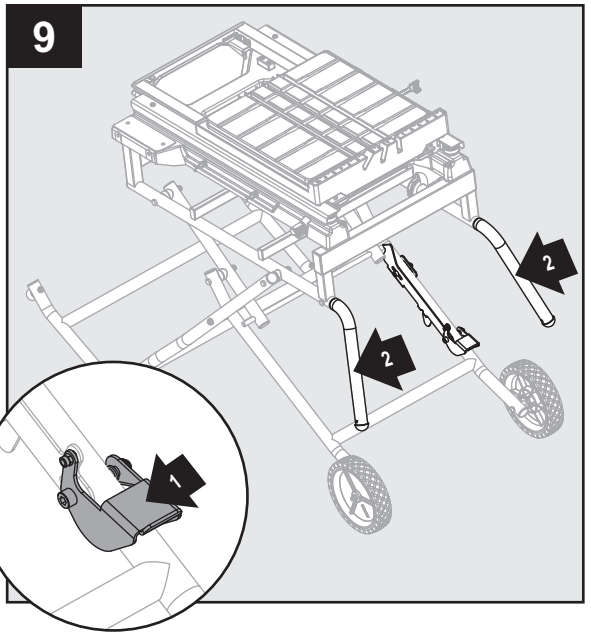
7. Grasp the handles and tilt stand, frame and sliding table assembly back onto wheels until the stand is balanced on the wheels and stand support assembly.



8. Step on the release lever and pull the handles toward you at the same time. Once the stand is released from the release lever, ease the stand toward the floor by pushing the handles toward the floor.

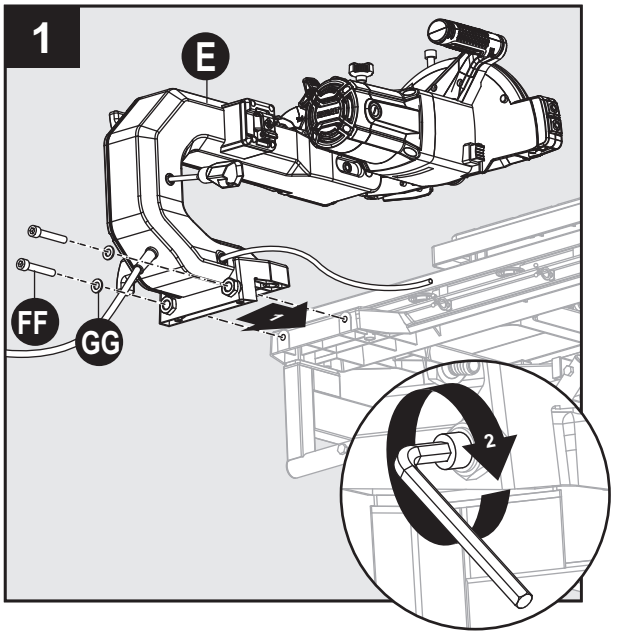


9. With your hands on the handles, push the stand toward the ground until the stand is in an open position.

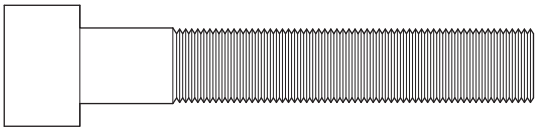


Installing Motorhead to Sliding Table, Frame and Stand Assembly

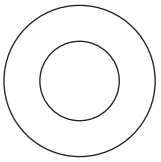
1. Align holes in motor head assembly (E) with holes on side of metal frame. Insert hex cap screw (FF) through flat washer (GG) into motor head assembly and side of frame. Secure with hex wrench.



Hardware Used

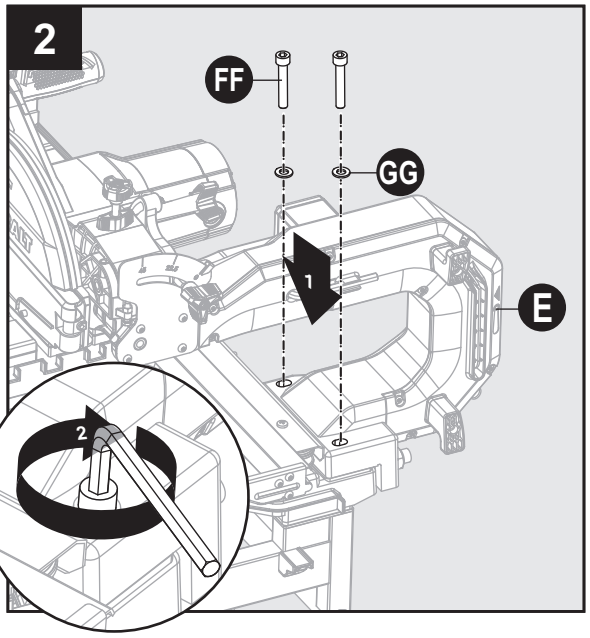
FF  x 2

M10 x 60 Hex Cap Screws

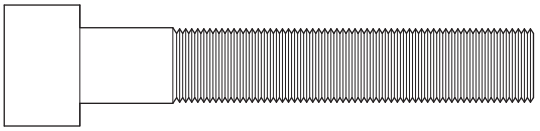
GG Flat Washer  x 2

ASSEMBLY INSTRUCTIONS

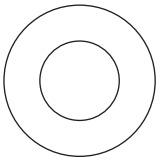
2. Insert hex cap screws (FF) through flat washers (GG) and into holes of motor head assembly (E) and top side of frame. Secure with hex wrench.



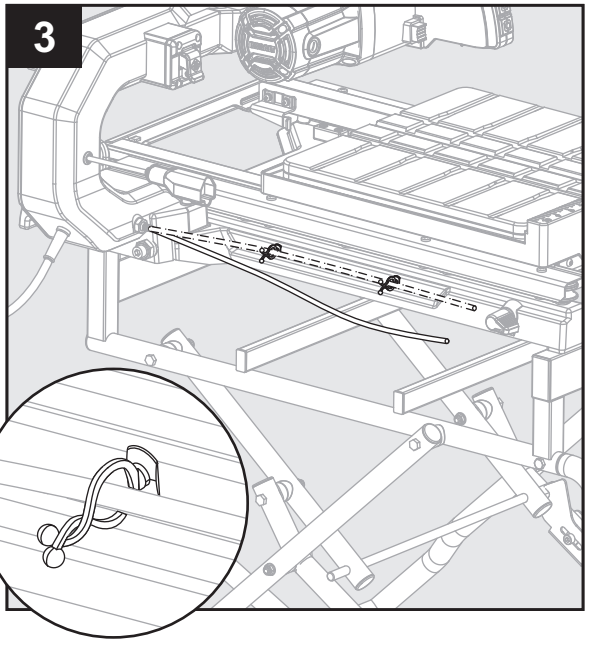
Hardware Used

FF  x 2

M10 x 60 Hex Cap Screws

GG Flat Washer  x 2

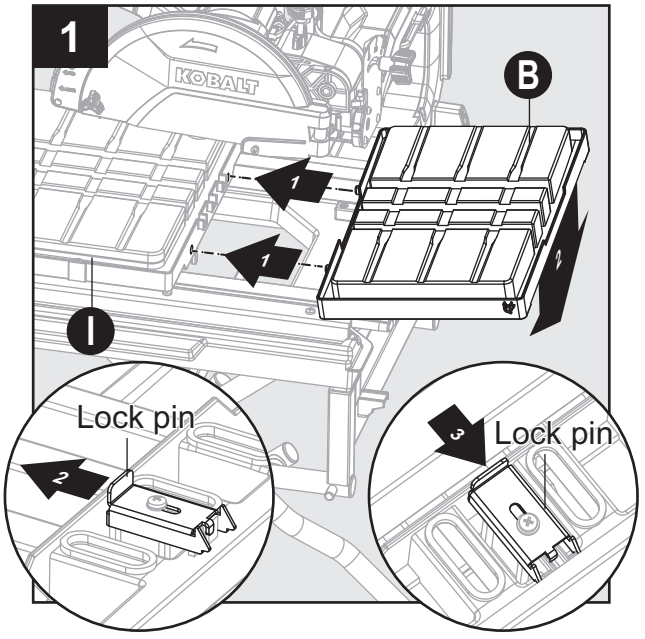
3. Place clear tube from motor head assembly into two hose clamps on frame. Squeeze clamp ends together to secure tube.



ASSEMBLY INSTRUCTIONS

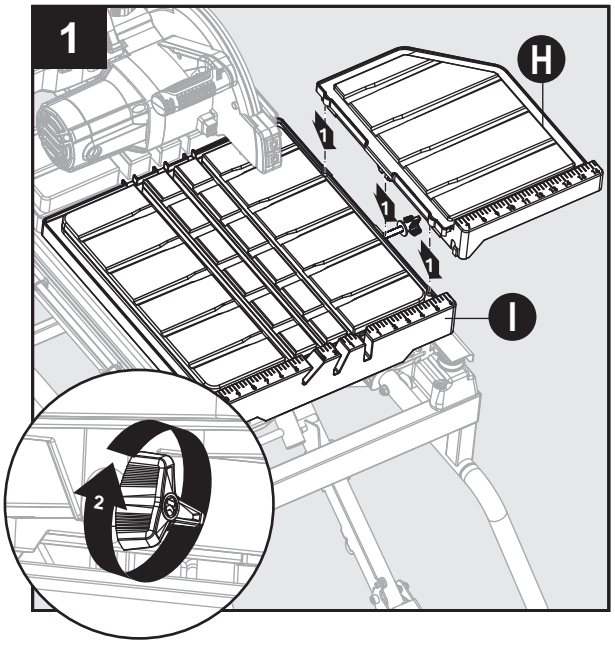
Installing the Rear Extension Table

1. Align the tabs on the rear extension table (B) with matching holes on the sliding table (I) and push the tabs into holes.
   Push down the rear extension table to horizontal position and at the same time pull the lock pin underside of the rear extension table) toward to sliding table.
   Release the lock pin to lock place.



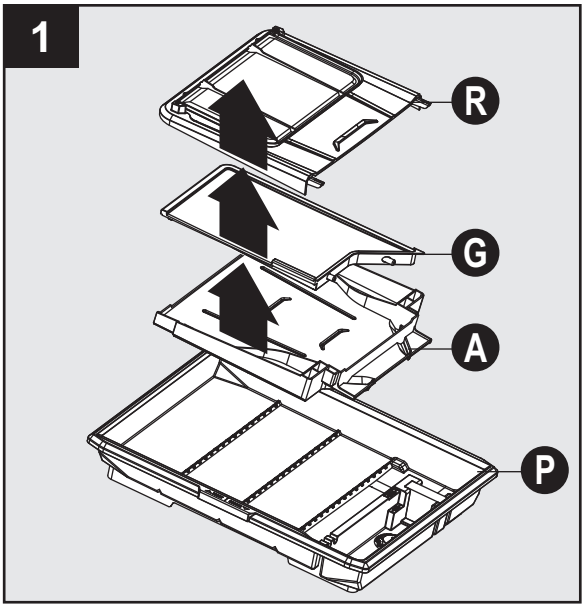
Installing the Side Extension Table

1. Hang side extension table (H) to right of sliding table (I) with the middle slot inserted into bolt of locking knob. Secure in place by turning the side table extension locking knob underneath the side extension table clockwise.

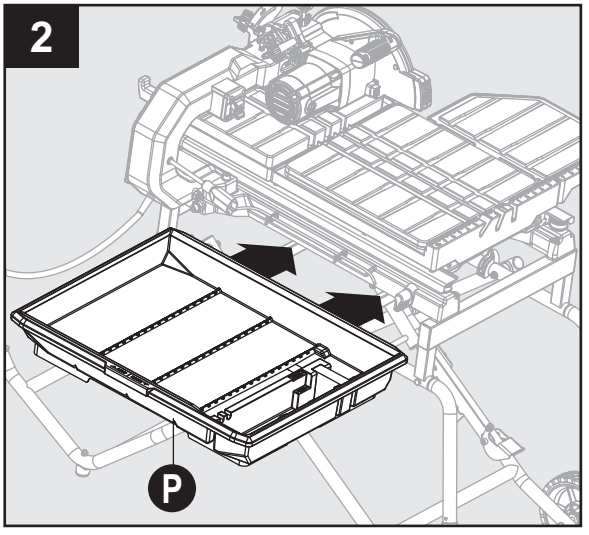


Installing the Water Tray and Tray Extensions

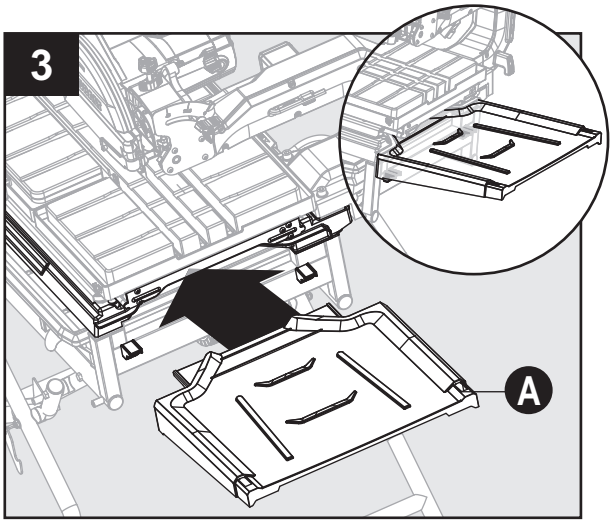
1. Take side extension tray (G) and two rear extension tray (A, R) out of water tray (P).



2. From left side of the saw, push water tray (P) into frame and stand assembly.

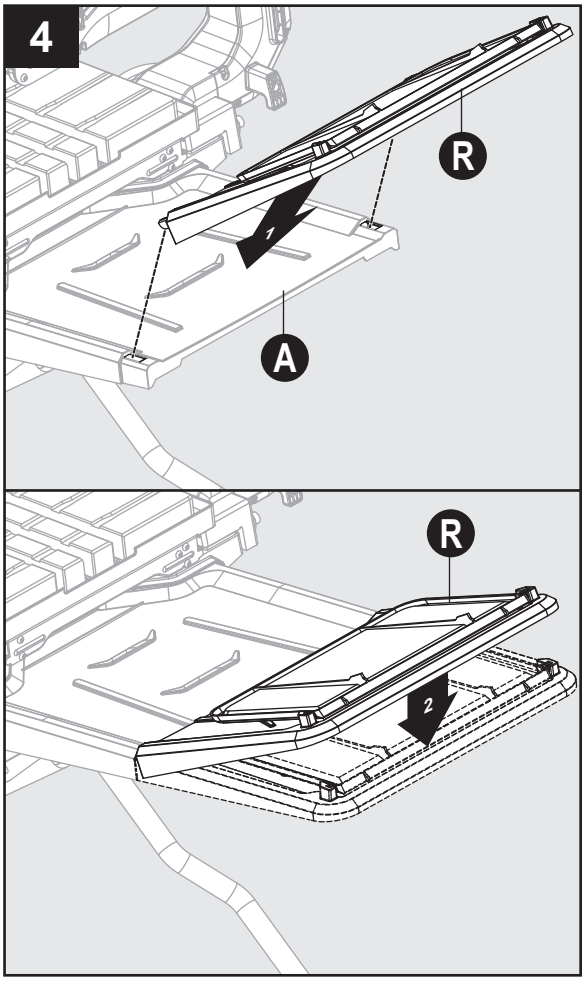


3. Standing at back of saw, push rear extension tray-1 (A) into frame and secure it onto the two holders mounted on the frame assembly.

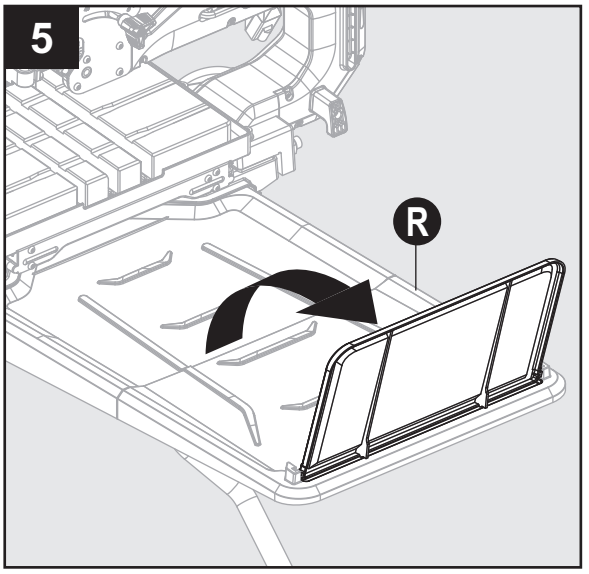


ASSEMBLY INSTRUCTIONS

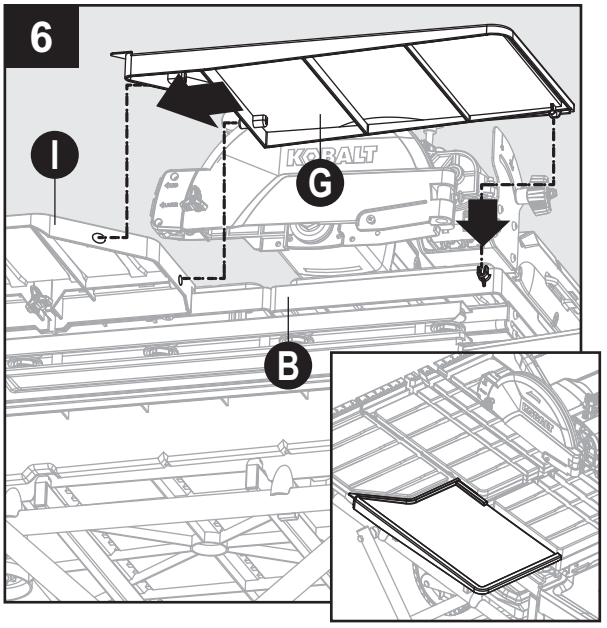
4. Place hook on the rear extension tray-2 (R) into the matching hole on rear extension tray-1 (A).
   Lower down to horizontal position.



5. Rotate flap on rear extension tray-2 (R) to vertical position.



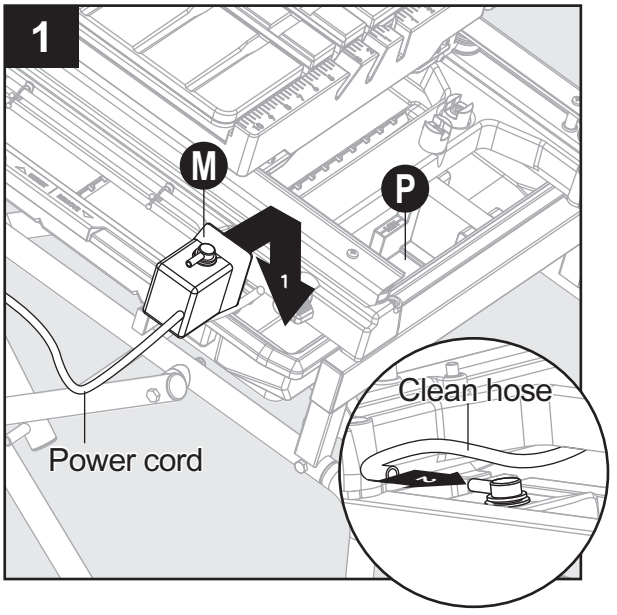
6. Insert the tabs on the side extension tray (G) into the matching holes on side extension table (I) and secure the supporter underside of the side extension tray (G) onto the holder on the rear extension table (B).



Installing the water pump

1. Water pump (M) is equipped with suction feet to secure in place. Place water pump (M) into water tray (P). Connect clear hose to water pump fitting.

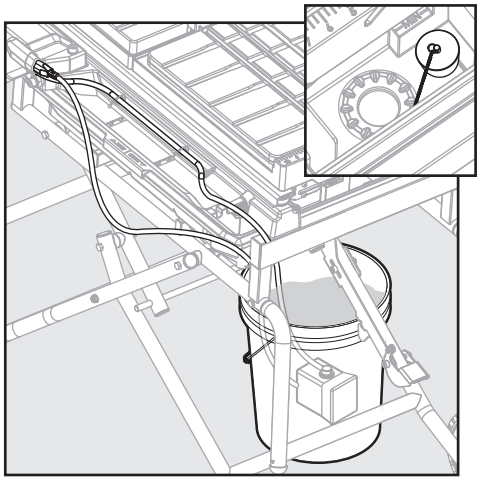
   Note: Make sure clear hose does not contact the bottom of sliding table. Adjust position of clean hose if necessary.

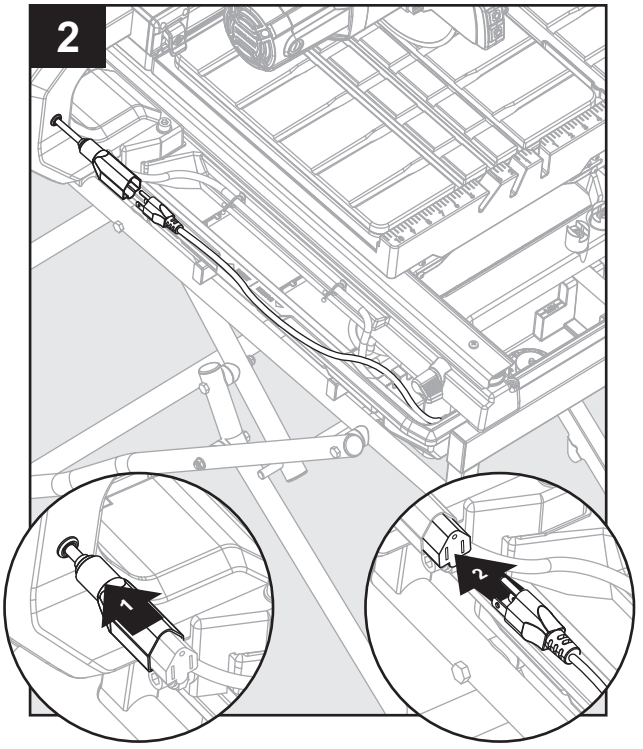


2. Pull the plug for pump out from the opening molded in the water tray. Push back rubber boot on the electrical cord and plug water pump into receptacle. Pull boot cover cord connections to help keep water off plug. Any excess cord can be wrapped on the two hooks.

   Note: The receptacle is only connected with the water pump.

   Note: The pump could also be used on a separate bucket.

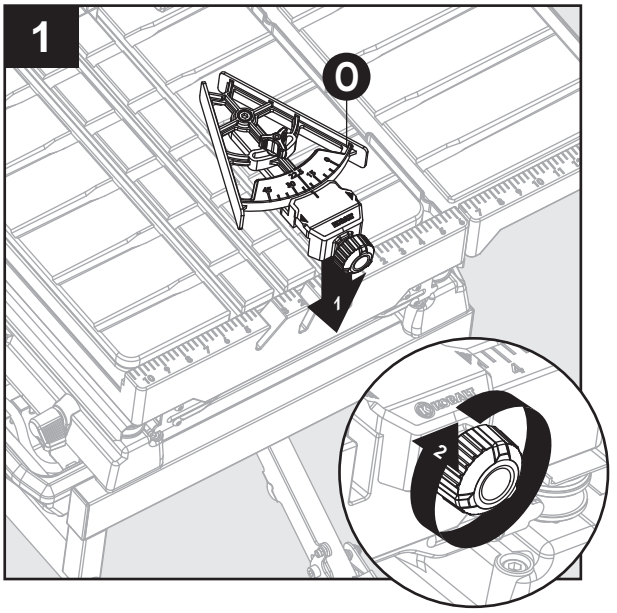




Installing the miter guide

The miter guide can be used from both the left and right side of the cutting wheel.

1. Place slot on underside of the miter guide (O) on sliding table fence. Lock the miter guide (O) securely to table by turning lock knob clockwise.



Tile Cutting Wheel

For maximum performance and safety, it is recommended that you use the 10 in. cutting wheel provided with your saw. Additional cutting wheels are available at your local retailer.

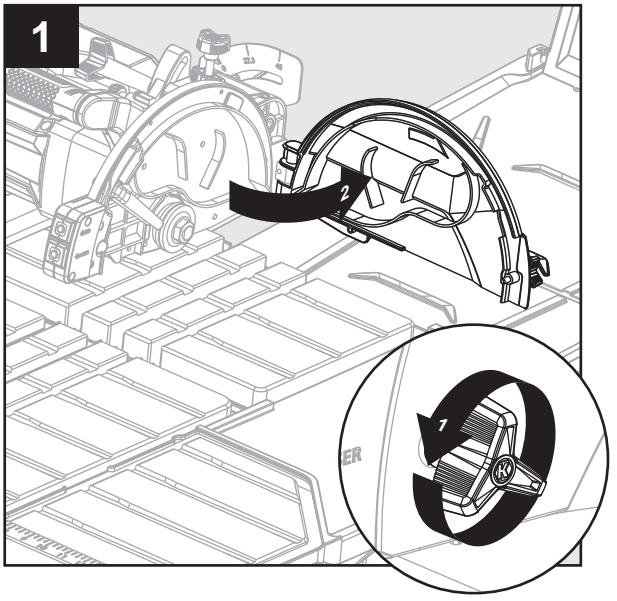
⚠ WARNING

DO NOT use cutting wheels rated less than the no load speed of this tool. Failure to heed this warning could result in personal injury. **DO NOT** use a wheel with cracks, gaps, or teeth.

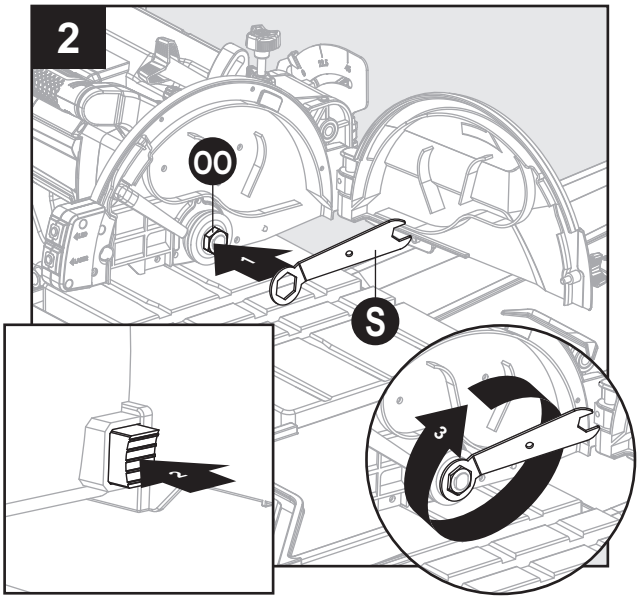
Installing the Tile Cutting Wheel WARNING

- A 10 in. tile cutting wheel is the maximum wheel capacity of the saw. **NEVER** use a wheel that is too thick to allow wheel washer to engage with the flats on the spindle. Larger wheels will come in contact with the splash guard, while thicker wheels will prevent the wheel bolt from securing the wheel on the spindle. Either of these situations could result in serious accidents and can cause serious personal injury.

1. Unplug saw. Turn wheel guard lock knob counterclockwise to unlock. Pull wheel guard open to expose arbor.

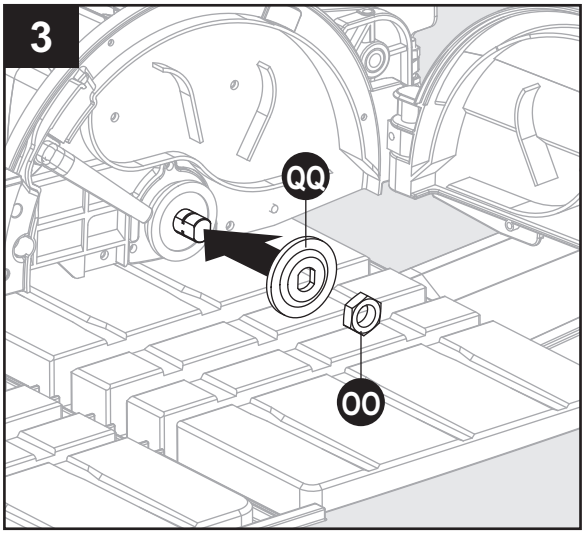


2. Using arbor nut wrench (S) provided, loosen arbor nut (OO) while pressing arbor lock (located on inside of motor head assembly).



ASSEMBLY INSTRUCTIONS

3. Remove arbor nut (OO) and outer washer (QQ), leaving inner washer on the arbor.

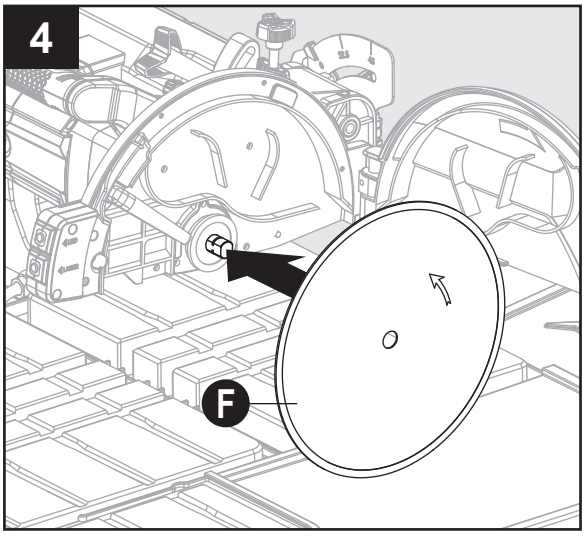


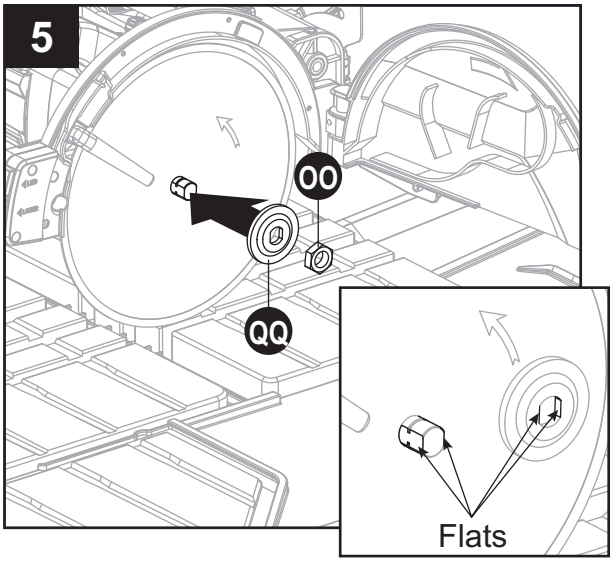
4. Place cutting wheel (F) onto arbor (with arrows on wheel going in the counterclockwise direction).

⚠ WARNING

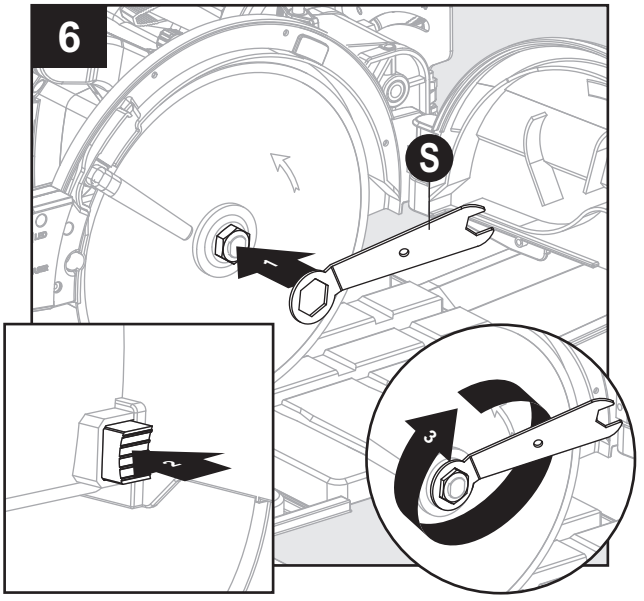
- **ALWAYS** install the inner wheel washer before placing wheel on arbor. Failure to do so could cause an accident since the wheel will not tighten properly. **NEVER** use wheels that have openings, grooves, or teeth on this tool.

5. Replace outer washer (QQ), making sure the double “D” flats on the washers are aligned with the flats on arbor. Replace arbor nut (OO) on arbor.



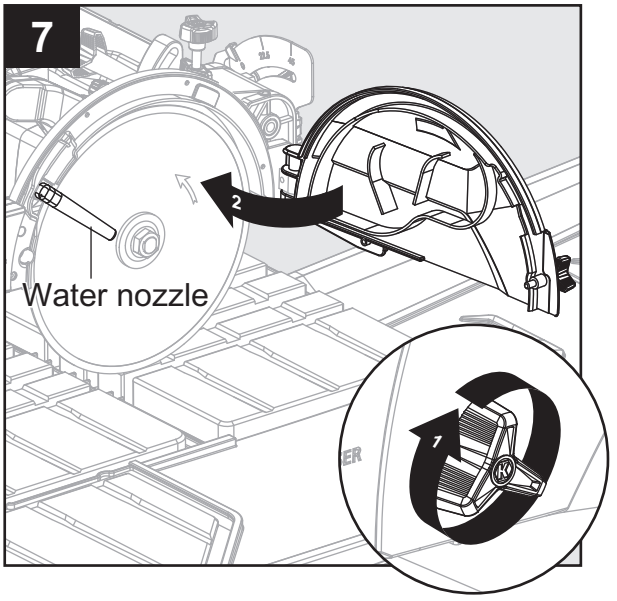


6. Using arbor wrench (S), press arbor lock (located on inside of motor head assembly) and tighten arbor nut (OO) securely.



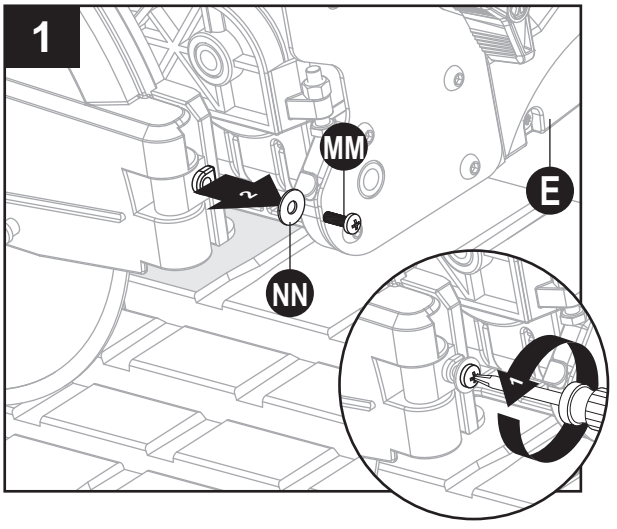
7. Close and lock wheel guard.

Note: Two water nozzles come installed on this product. The hole in each nozzle should face cutting wheel.



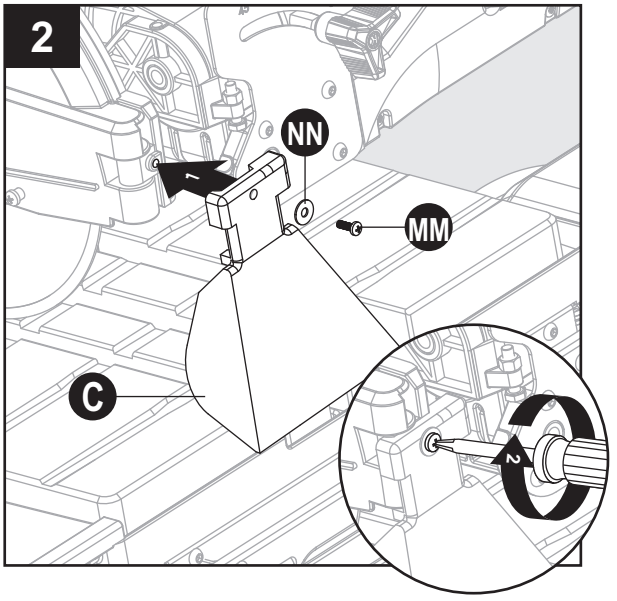
Installing the Rubber Flap

1. Remove M5 x 12mm cross screw (MM) and big flat washer (NN) (preassembled to motor head assembly (E).



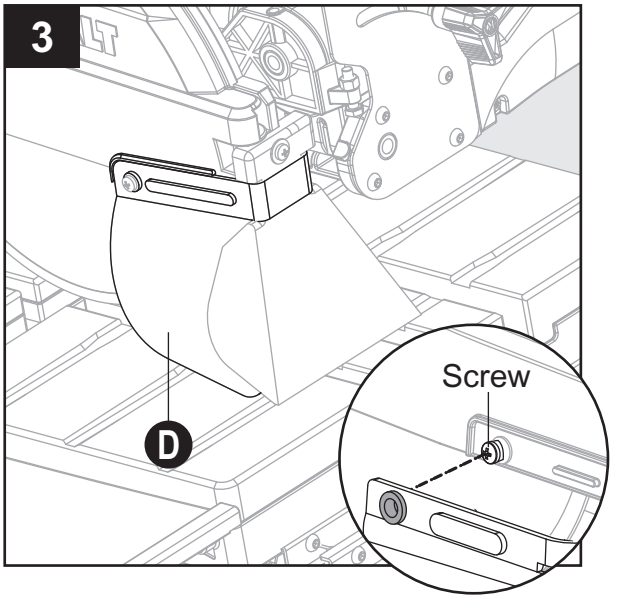
ASSEMBLY INSTRUCTIONS

2. Attach the rear rubber flap (C) to the back of blade guard with big flat washer (NN) and screw (MM) (removed in previous step).



3. Align the hole on each end of the side rubber flap (D) to the screw on each side of the blade guard and press the holes on the side rubber flap through the screws.

Note: It is not necessary to loosen or remove the screws on the blade guard to install the side rubber flap.



WARNING

- **DO NOT** allow familiarity with the tool to make you careless. Remember that a careless fraction of a second is sufficient to inflict serious injury.
- **ALWAYS** wear eye protection with side shields marked to comply with ANSI Z87.1. Failure to do so could result in objects being thrown into your eyes, resulting in possible serious injury.
- **DO NOT** use any attachments or accessories not recommended by the manufacturer of this tool. The use of attachments or accessories that aren't recommended can result in serious injury.

APPLICATIONS

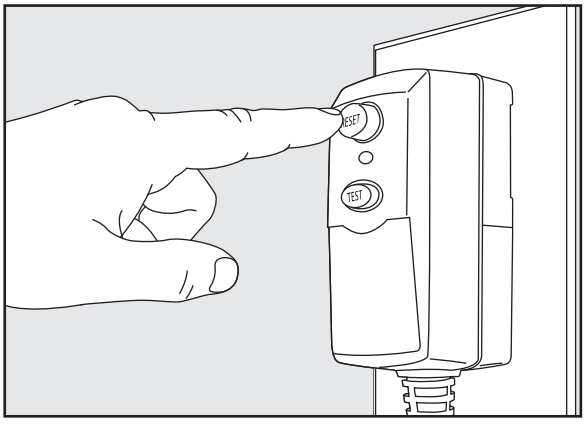
You may use this tool for the purpose listed below:

- Straight line cutting operations such as cross cutting, mitering, ripping, and beveling.

Note: This saw is designed to cut man-made tile, pavers, and stone tile products only.

GFCI and ON/OFF Switch

This saw is equipped with an on/off switch that has a built-in locking feature. This feature is intended to prevent unauthorized and possible hazardous use by children and others.

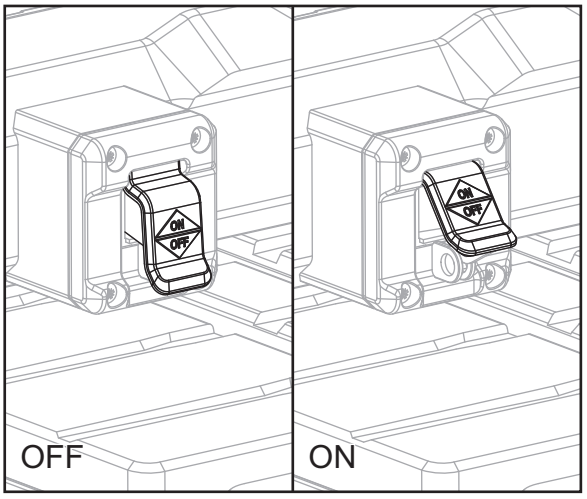


Turning Saw ON

Press the reset button on GFCI first. Lift the switch to turn ON.

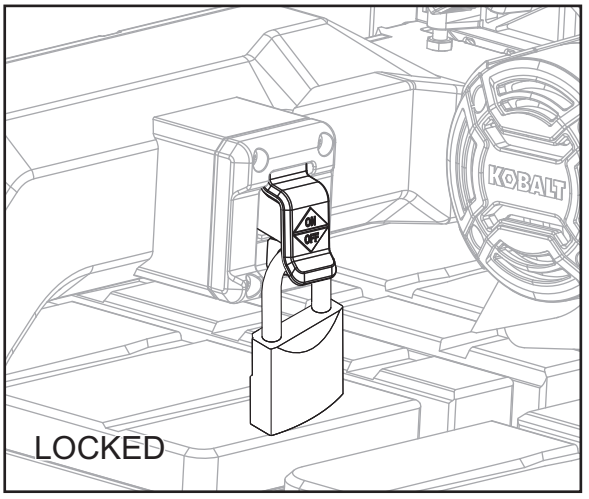
Turning Saw OFF

Press the switch down to turn OFF.



Locking Saw

With the saw turned OFF, install a padlock (not included) through the hole in the switch.



⚠ WARNING

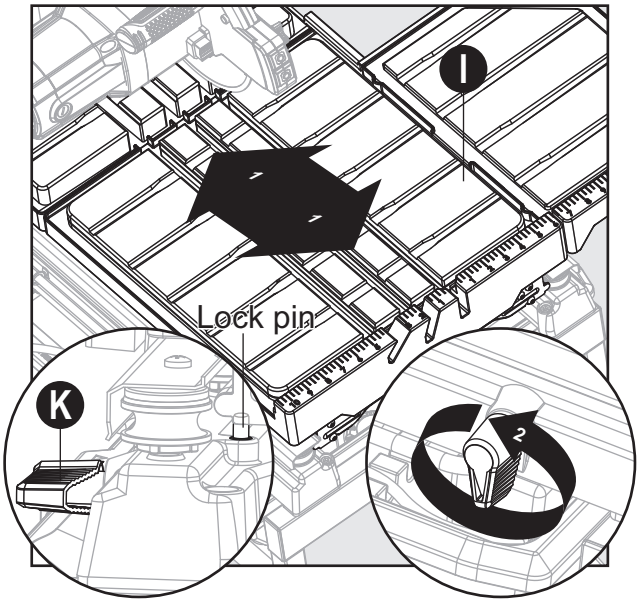
- In the event of a power failure or when the tool is not in use, turn the switch OFF. This action will prevent the tool from accidentally starting when power returns.

- **ALWAYS** make sure your workpiece is not in contact with the cutting wheel before operating the switch to start the tool. Failure to heed this warning may cause the workpiece to be kicked back toward the operator and result in serious personal injury.

- To reduce the risk of accidental starting, **ALWAYS** make sure the switch is in the OFF position before plugging tool into the power source.

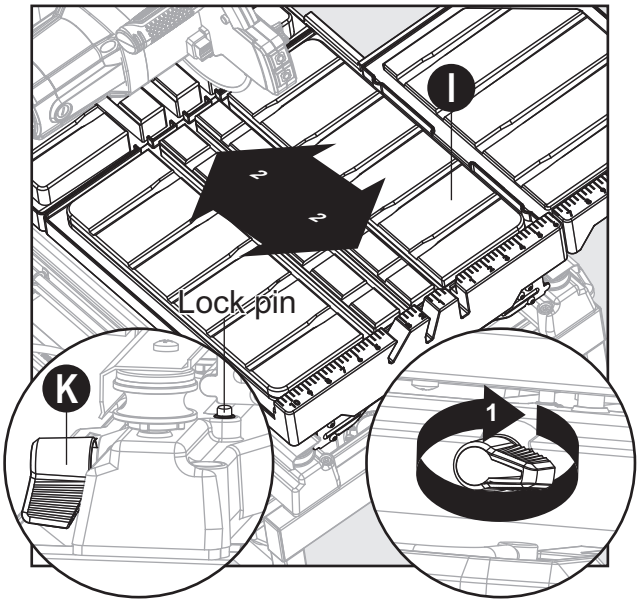
Locking the Sliding Table

- Sliding the sliding table and align the lock pin with the sliding table end.
- Turn the sliding table lock knob (K) counter-clockwise to horizontal position to lock the sliding table (I).



Unlocking the Sliding Table

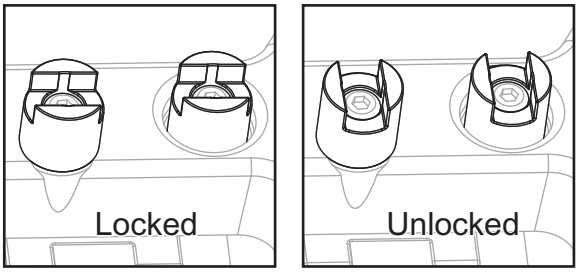
• Turn the sliding table lock knob (K) clockwise to vertical position to unlock the sliding table (I).

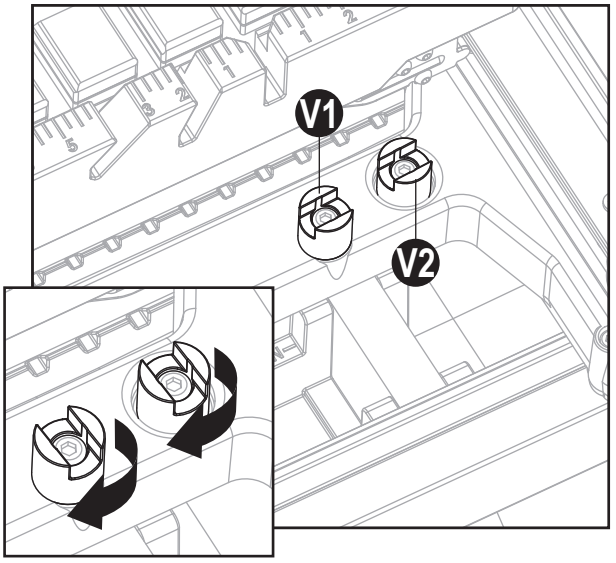


Using the Table Stop

When rip cut: 0-26"

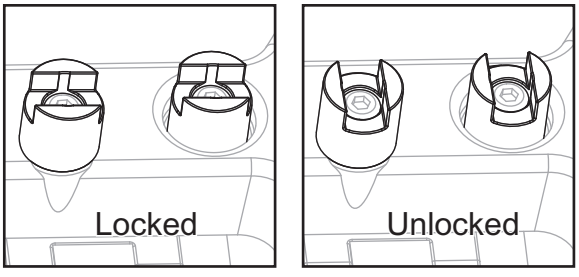
• Rotating table stop-1 (V1) and table stop-2 (V2) to lock position.

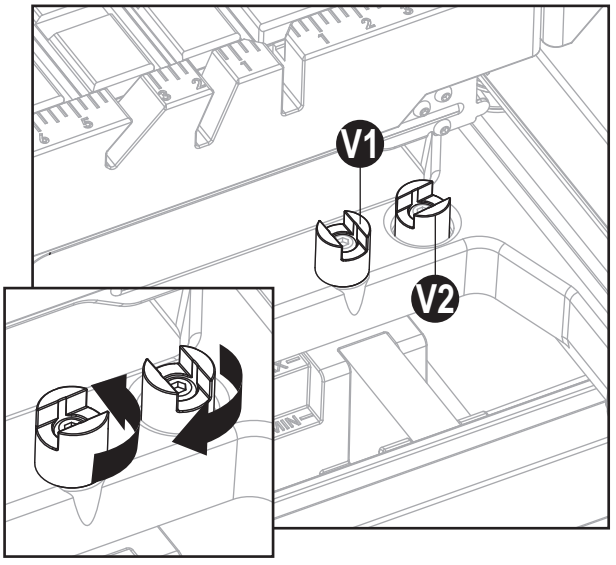




When rip cut: 0-36"

• Rotating table stop-1 (V1) to unlock position and rotating table stop-2 (V2) to lock position.

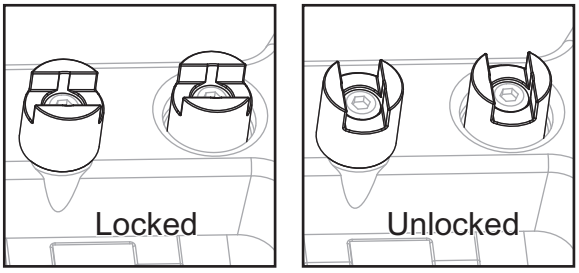


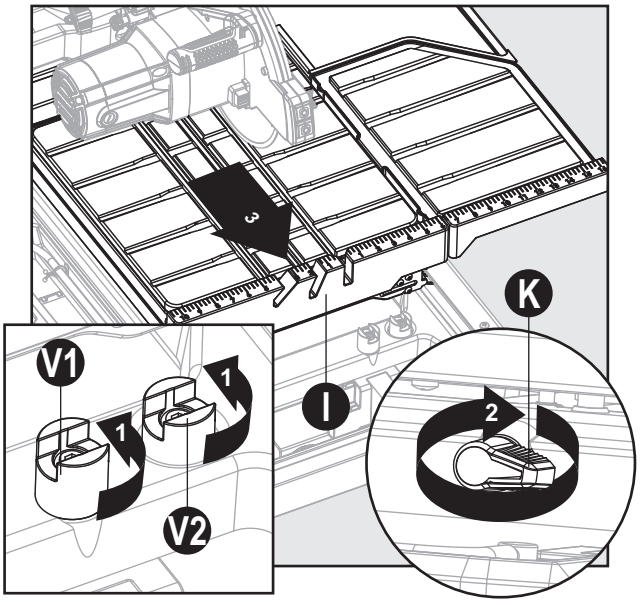


OPERATING INSTRUCTIONS

When remove the sliding table

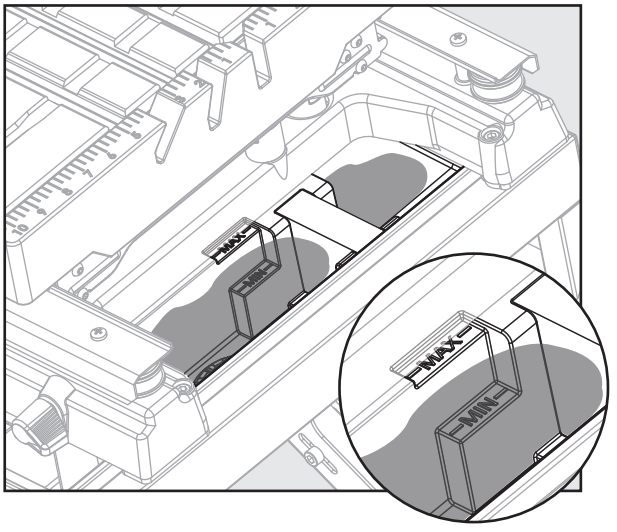
• Rotating table stop-1 (V1) and table stop-2 (V2) to unlock position. Unlock the sliding table lock knob (K) clockwise to vertical position and remove the sliding table (I).





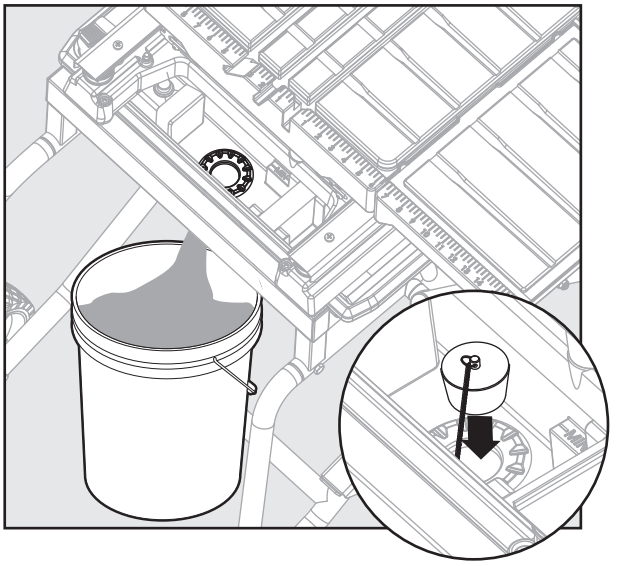
Filling the Reservoir Water

• Fill the water tray with clean tap water to the max fill line. **DO NOT** fill past the max fill line on the tray.



Changing Reservoir Water

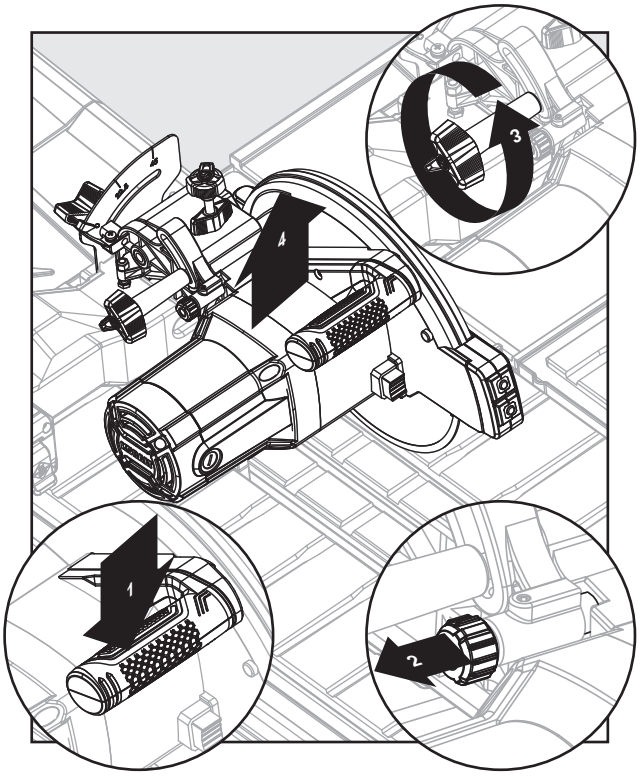
• Unplug the saw.
• Remove the drain plug and empty waste water into a bucket. Do not allow the water to splash onto the ground or around the machine.
• Rinse the machine thoroughly.
• Discard the waste water in accordance with local regulations.
• Replace the drain plug and refill tray with clean water.



OPERATING INSTRUCTIONS

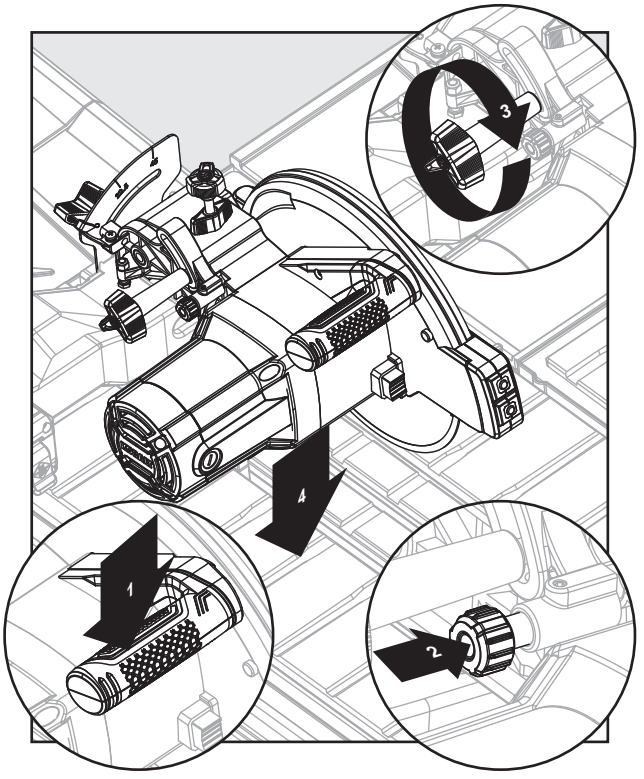
Unlocking and Raising Motor Head

- Firmly grasp the handle and apply downward pressure while at the same time pulling out the lock pin and turning the lock knob counterclockwise.
- Slowly raise the motor head.



Locking Motor Head

- Firmly grasp the handle and apply downward pressure while at the same time pushing the lock pin into place and turning the lock knob clockwise to lock.



OPERATING INSTRUCTIONS

Using the Laser Guide or LED

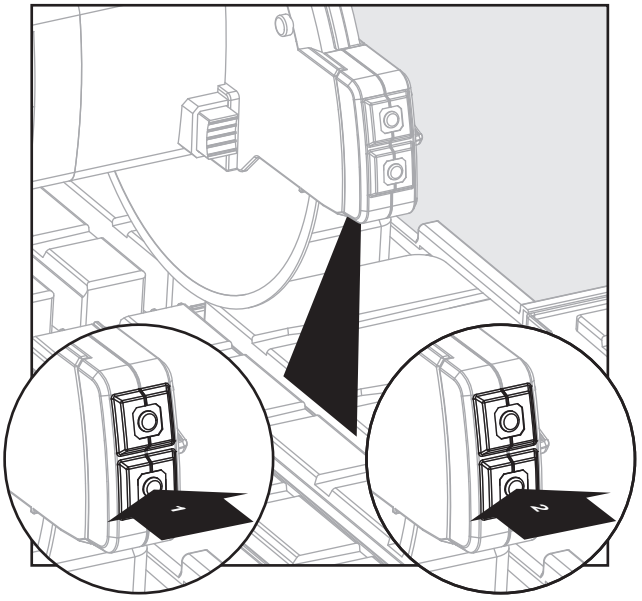
DANGER

Laser radiation. Avoid direct eye contact with light source.

WARNING

Use of controls or adjustments or performance of procedures other than those specified herein could result in hazardous radiation exposure.

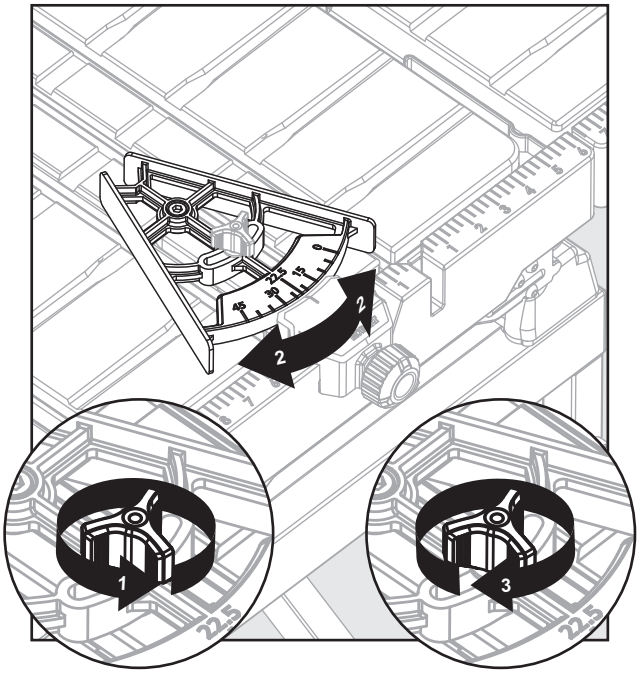
- Press on the laser or LED switch button to turn on the laser or LED.
- When the laser guides switch is turned on, it will generate a red line.
- Press on the laser or LED switch button again to turn off the laser or LED.



Using the Miter Guide

To adjust angles:

- Loosen the miter knob.
- Rotate to the desired angle by moving the guide left or right.
- Tighten the knob securely before turning on the saw.



OPERATING INSTRUCTIONS

Closing or Opening Stand

• Remove water rear and side extension trays and store them inside the water tray. Remove any work pieces from the tool.

Note: When storing, place the rear extension tray-1 at the bottom, side extension tray on the middle and rear extension tray-2 on the top.

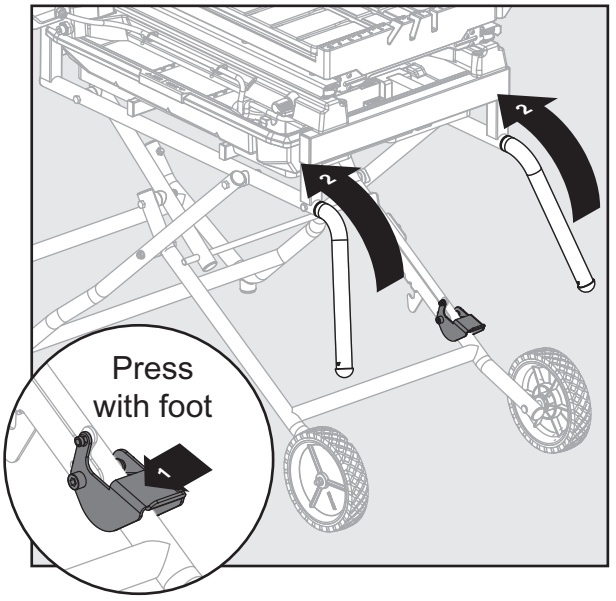
• Place the sliding table in front of the frame and lock the table in place.

IMPORTANT: Ensure that the table is locked in place before closing the stand.

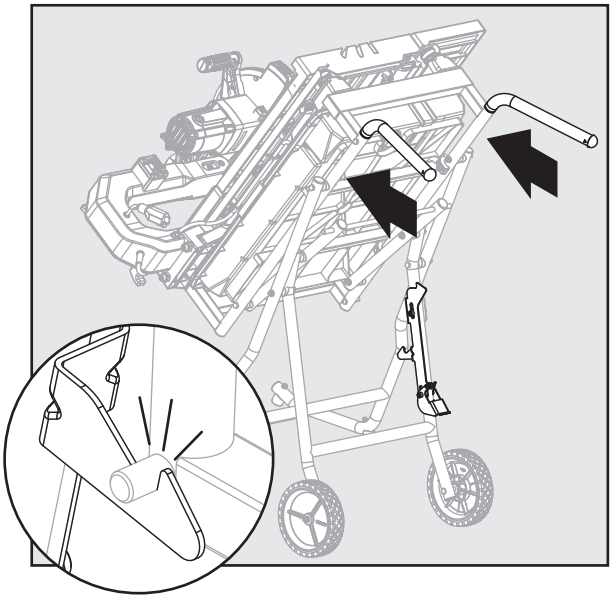
• Lower the wheel and secure by locking the saw head in place using the lock pin and lock knob.

Closing Stand

• At the same time, step on release lever, grasp handles and lift them up and away from the body.



• Push the saw until the release lever clicks and locks into place.

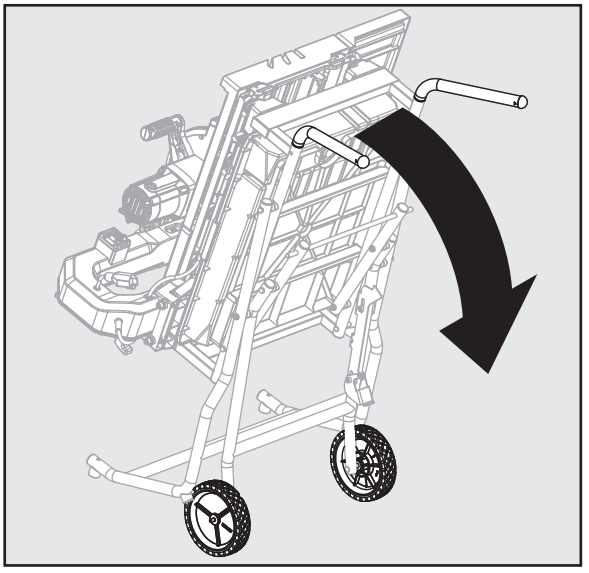


OPERATING INSTRUCTIONS

Moving Stand

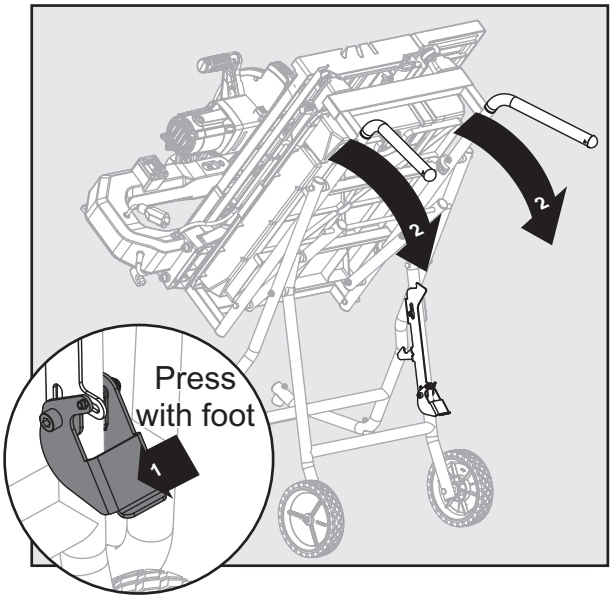
- Holding the handles firmly, pull the handles toward you until the stand and saw are balanced on the wheels.
- Push the saw to the desired location then either open the stand for saw operation or store the saw in a dry environment.

Note: The saw could be stored horizontally or vertically as you wish.

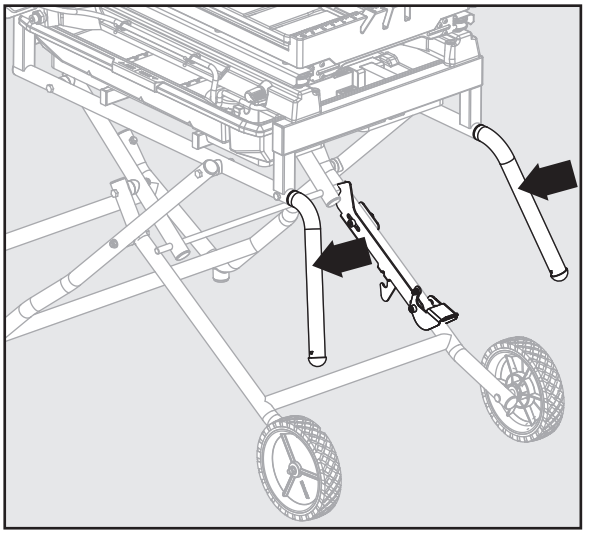


Opening Stand

- Step on the release lever and pull the handles toward you at the same time.
- Once the stand is released from the release lever, ease the stand toward the floor by pushing the handles toward the floor.



- With your hands on the handles, push the stand toward the ground until the saw is in an open position.



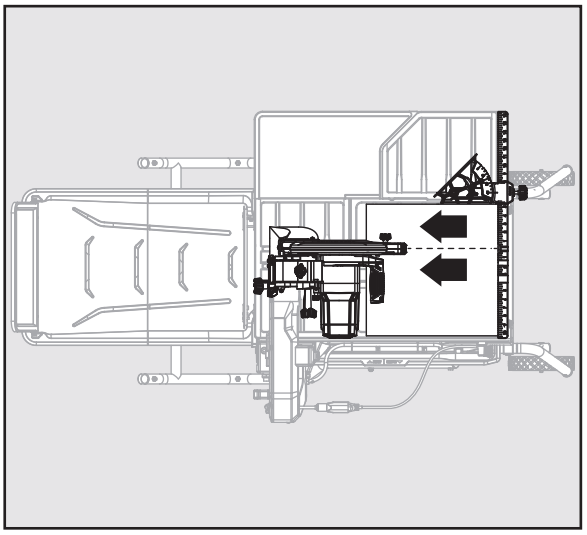
Making Cuts

- **ALWAYS** draw the line to be cut on the tile using a marker or grease pencil. If the tile is shiny and hard-to-mark, place masking tape on the tile and mark the tape.
- A common problem when cutting tile is straying from the marked line. Once you've strayed from the mark, you cannot force the wheel back to the line by twisting the tile. Instead, back up and recut the tile, slicing off a small amount of tile until the wheel is back on track.
- To avoid this problem, use the miter guide whenever possible.
- To prevent chipping of the material at the end of the cut, use a plunge cut.
- Clean the saw table and miter guide frequently during use. Debris from the cut material can interfere with tool function.

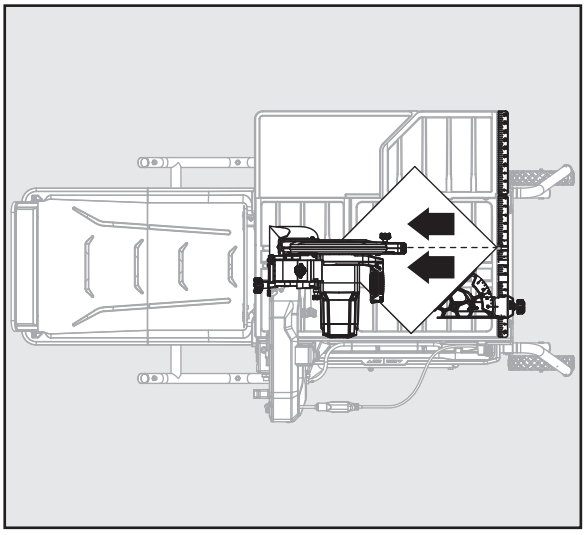
Making a Cross/Rip Cut

Cross/rip cuts are straight 90° cuts. The material is fed into the cut at a 90° angle to the wheel.

- Using a marker or grease pencil, mark the area to be cut on material.
- Set the miter guide to 0°, tighten the lock knob, and lock in place.
- Place the material on the table and firmly against the miter guide and fence.
- Make sure the material is clear of the cutting wheel before turning on the saw.
- Turn the on/off switch to the ON position.
- Let the cutting wheel build up to full speed and wait for the wheel to get wet before moving the material into the wheel.
- Hold the material firmly against the sliding table fence and feed the material into the cutting wheel.
- When the cut is made, turn the saw OFF. Wait for the cutting wheel to come to a complete stop before removing any part of the material.



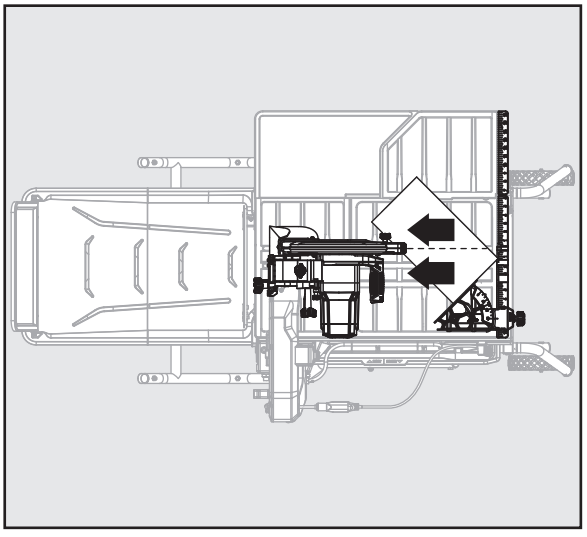
Making a Diagonal Cut



Diagonal cuts are also referred to as “long point-to-long point cuts”.

- Using a marker or grease pencil, mark the area to be cut on material.
- Adjust miter guide to 45° using angle scale and tighten securely with lock knob.
- Place the material on the table and firmly against the sliding table fence.
- Make sure the material is clear of the cutting wheel before turning on the saw.
- Turn the on/off switch to the ON position.
- Let the cutting wheel build up to full speed and wait for the wheel to get wet before moving the material into the wheel.
- Hold the material firmly against the sliding table fence and feed the material into the cutting wheel.
- When the cut is made, turn the saw OFF. Wait for the cutting wheel to come to a complete stop before removing any part of the material.

Making a Miter Cut



Miter cuts are used for cutting outside and inside corners on material, decorative chair rail, and base moulding with the material at any angle to the wheel other than 90°. Miter cuts tend to “creep” during cutting. This can be controlled by holding the workpiece securely against the miter guide.

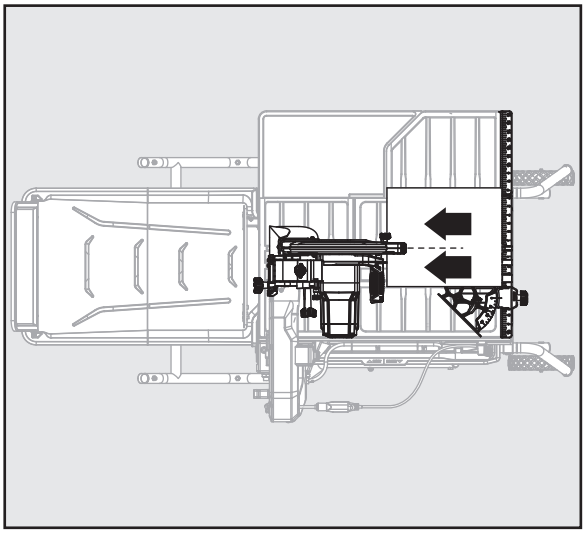
- Using a marker or grease pencil, mark the area to be cut on material.
- Set the miter guide to the desired setting, lock in place, and tighten the lock knob.
- Place the material on the table and firmly against the miter guide and fence.
- Make sure the material is clear of cutting wheel before turning on the saw.
- Turn the on/off switch to ON position.
- Let the cutting wheel build up to full speed and wait for the wheel to get wet before moving the material into the wheel.
- Hold the material firmly against the miter guide and feed the material into cutting wheel.
- When the cut is made, turn the saw OFF. Wait for the cutting wheel to come to a complete stop before removing any part of the material.

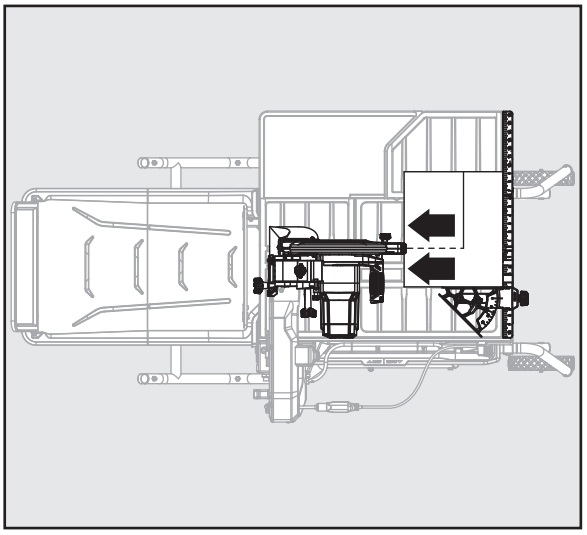
Making an L-Cut

L-cuts are cuts that remove a piece of tile to fit in a corner, around a cabinet, or a piece of moulding and are made by two separate cuts.

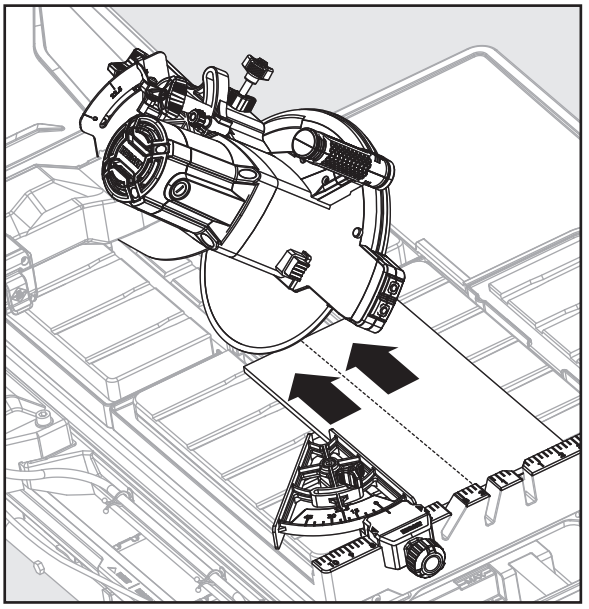
- Using a marker or grease pencil, mark the area to be cut on material.
- Remove the miter guide.
- Place the material on the table and firmly against the sliding table fence.
- Make sure the material is clear of the cutting wheel before turning on the saw.
- Turn the on/off switch to the ON position.
- Let the cutting wheel build up to full speed and wait for the wheel to get wet before moving the material into the cutting wheel.
- Hold the material firmly against the sliding table and feed the material into the cutting wheel.
- Make the cut far enough into the material without over-cutting.
- When the cut is made, turn the saw OFF. Wait for the cutting wheel to come to a complete stop before removing any part of the material.
- Turn the material over and make the second cut along one of the marks. This time overcut the other line and the cut piece should separate from the rest of the material.
- When the second cut is made, turn the saw OFF. Wait for the cutting wheel to come to a complete stop before removing any part of the material.

Note: Only overcut on the bottom or underneath side of the material being cut.





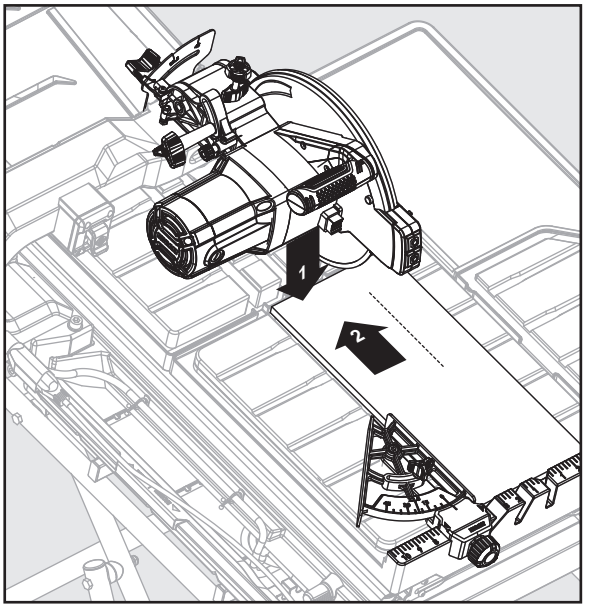
Making a Bevel Cut



Beveled cuts can be made at 22.5° or 45° angles.

- Using a marker or grease pencil, mark the area to be cut on material.
- Loosen the bevel lock knob and move the saw arm to the desired bevel angle.
- Place the miter guide on the right side of the table at the desired distance from the wheel and lock in place.
- Make sure the material is clear of the cutting wheel before turning on the saw.
- Turn the ON/OFF switch to the ON position.
- Let the cutting wheel build up to full speed and wait for the wheel to get wet before moving the material into the wheel.
- Hold the material firmly against the miter guide and feed the material into cutting wheel.
- When the cut is made, turn the saw OFF. Wait for the wheel to come to a complete stop before removing any part of the material.

Making a Plunge Cut



Plunge cuts are made by positioning the material directly underneath the cutting wheel and lowering the wheel onto the work piece. This allows pieces to be cut from the center of the material.

- Using a marker or grease pencil, mark the area to be cut on material.
- Loosen the lock knob on the side of the motor head and position the motor head upward to its maximum height.
- Place the miter guide on the right side of the table at the desired distance from the wheel.
- Turn the on/off switch to ON position.
- Let the cutting wheel build up to full speed and wait for the wheel to get wet before moving the material into the wheel.
- Hold the motor head firmly by the hand.
- Move the material into the desired position for the cutting.
- Slowly lower the motor head into the material to make the cut.
- Raise the motor head.

Adjustments

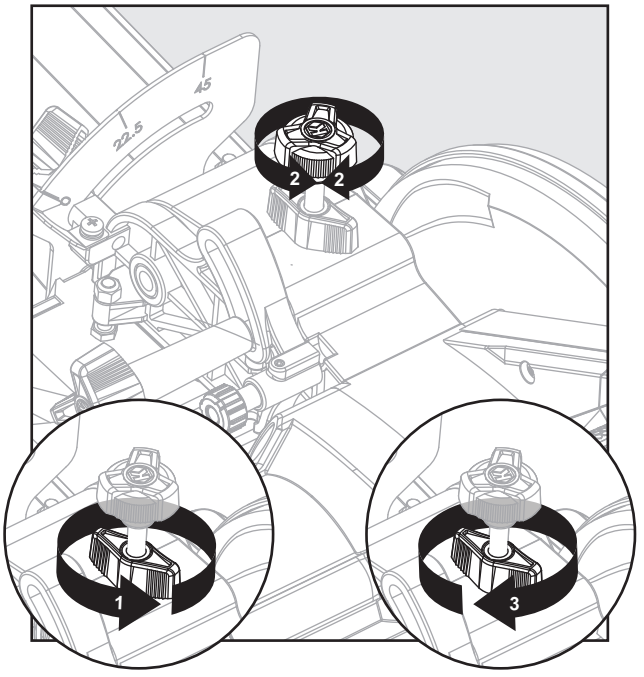
WARNING

Before performing any adjustment, make sure the tool is unplugged from the power supply and the switch is in the OFF position. Failure to heed this warning could result in serious personal injury.

Depth Stop Adjustment

The depth stop limits the wheel's downward travel. It allows the wheel to go below the table enough to maintain full cutting capacities. The depth stop is factory set to provide maximum cutting capacity for the wheel provided with the saw. Make adjustment if needed.

- Unplug the saw.
- To adjust the depth, loosen the wing nut located on the depth stop knob.
- Turn the depth stop knob. Set the wheel to the correct cutting depth (wheel just below the table surface). Lower the cutting wheel to the table to check the wheel clearance.
- Tighten the wing nut.

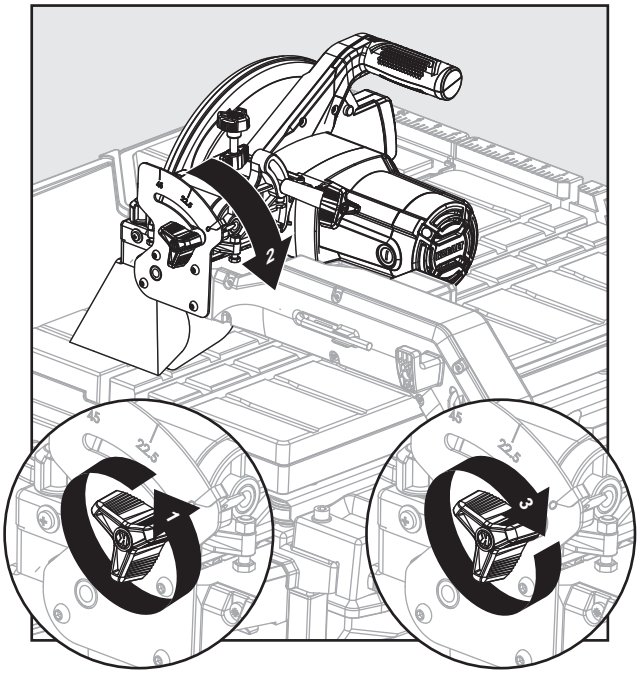


Bevel Adjustment

Slide the table clear of the blade to prevent blade damage.

- Loosen the bevel lock lever.
- Adjust the motor head to the desired angle: 0°, 22.5° and 45°. Do not set bevel to other settings. The slots on the table are designed only for these cuts.
- Tighten the bevel lock lever.

Note: If the bevel lock lever isn't in the desired position when locked, you can pull the bevel lock lever out, rotate to desired position, then release back.



Laser Adjustment

DANGER

Laser radiation. Avoid direct eye contact with light source.

WARNING

Use of controls or adjustments or performance of procedures other than those specified herein could result in hazardous radiation exposure.

When the laser guides switch is turned on, it will generate a red line. The laser line is pre-adjusted at the factory and the laser line should be aligned with the cutting wheel.

If the laser line isn't aligned with cutting wheel, make adjustment as below:

- Turn wheel guard lock knob counterclockwise to unlock. Pull wheel guard open.
- Turn the laser on .
- Loosen two screws and remove the laser box cover.

To adjust the laser angle:

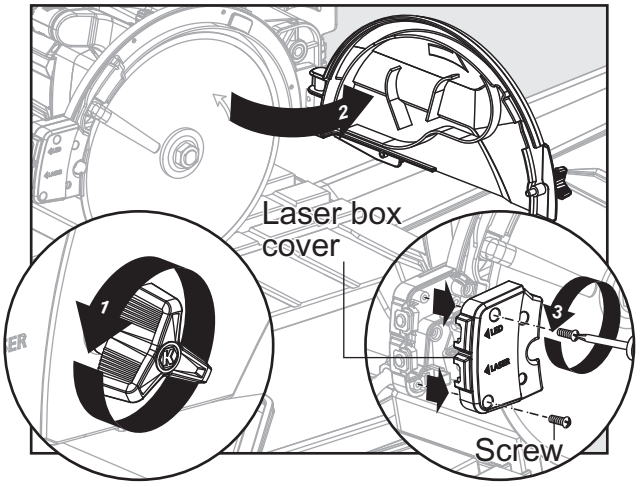
- Loosen the lock screw a 1/4 of a turn with 2 mm hex wrench (not supplied) so the laser can beadjusted.

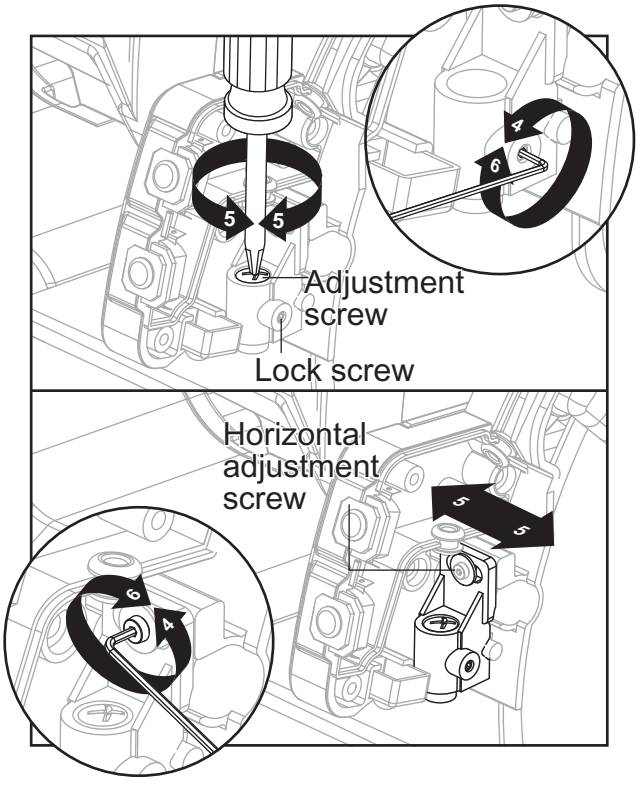
Note: Do not remove the lock screw.

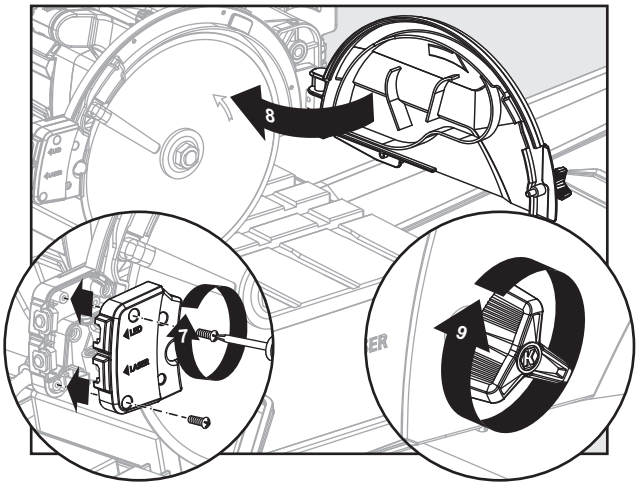
- Adjust the adjustment screw clockwise or counterclockwise until the laser line is aligned with cutting wheel.
- Once aligned, tighten the lock screw.

To adjust the laser left or right:

- Loosen the horizontal adjustment screw on the laser bracket with 3mm hex wrench (not supplied).
- Move the laser bracket left or right until the laser line is aligned with the cutting wheel.
- Once aligned, tighten the adjustment screw.
- Replace the laser box cover and tighten two screws.
- Close and lock wheel guard.



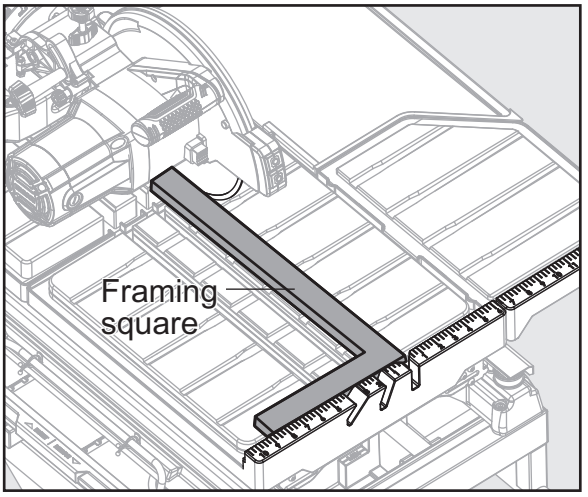


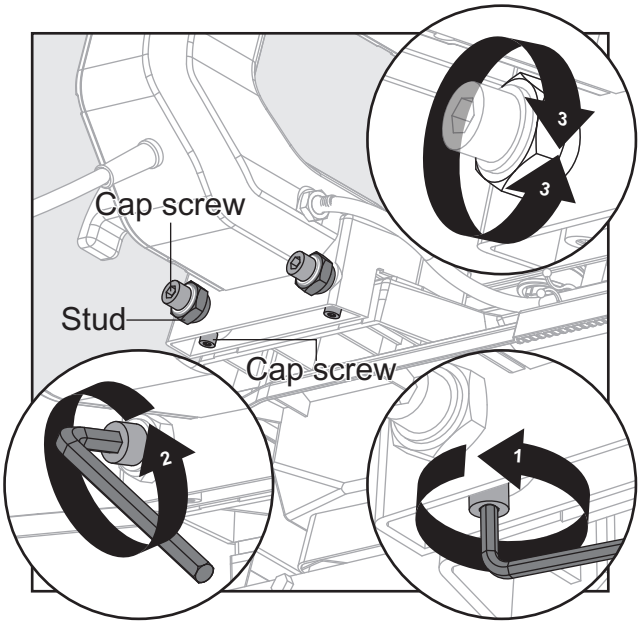


To square the cutting wheel to the table

Do not loosen any nuts for this adjustment until you have checked with a square and made test cuts to be sure adjustments are necessary. Once the nuts are loosened, these items must be retightened.

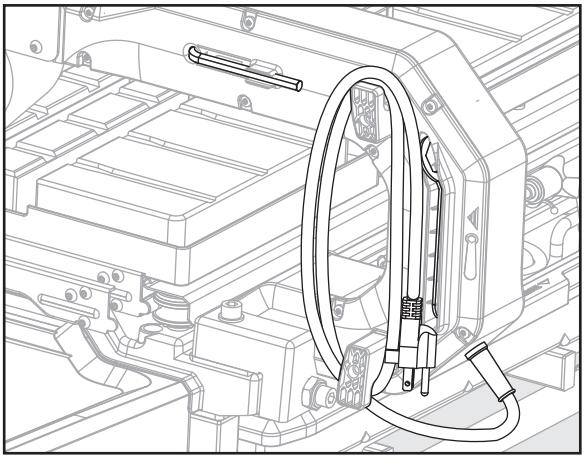
- Unplug the saw.
- Using the 3mm hex wrench (not included) and 8 mm hex wrench (included),loosen cap screws on the motorhead assembly.
- Place a framing square against the fence and the flat part of the wheel.
- Using the 24 mm wrench (not included), turn the studs toadjust the position of the motor head assembly until the fence is square with the cutting wheel.
- Move sliding table through full range of travel, to check for square. Make adjustments again, if necessary.
- Visually check that blade is centered in 0˚ slot.
- After all necessary adjustments have been made tighten the nuts and cap screws securely.





Tool storage

- This saw provides a convenient storage for arbor wrench and hex wrench on the back of motor head assembly.
- When not in use, the power cord could be wrapped on the two hooks on the back of motor head assembly.



CARE AND MAINTENANCE

WARNING

- When servicing, use only identical Kobalt replacement parts. Use of any other parts may create a hazard or cause product damage.
- **ALWAYS** wear eye protection with side shields marked to comply with ANSI 787.I during product operation. If operation is dusty, also wear a dust mask.
- **DO NOT** at any time let brake fluids, gasoline, petroleum-based products, penetrating oils, etc., come in contact with plastic parts. Chemicals can damage, weaken or destroy plastic which may result in serious personal injury.

Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use clean cloths to remove dirt, dust, oil, grease, etc.

Lubrication

All of the bearings in this tool are lubricated with a sufficient amount of high grade lubricant for the life of the unit under normal operating conditions. After extended use, clean the rails so the table will slide smoothly.

Cleaning the Saw

- Unplug the saw.
- Using a small brush and/or water, clean each piece thoroughly removing any trapped debris.
- Remove the drain plug and empty waste water into a bucket. DO NOT allow the water to splash onto the ground or around the machine.
- Unlock the lock pin (underside of the rear extension table) and remove the rear extension table.
- Turn sliding table lock knob to vertical position to unlock the sliding table.
- Grasp the sliding table firmly before pulling the table to the front and off the tool.
- Once the table has been removed, rinse the rails and water tray frame.
- Replace the drain plug. Tighten securely.
- Dry off the tool.

Cleaning the Rails

During use, the rails will become dirty, preventing the table rollers from sliding smoothly. It is important to clean the rails often.

Cleaning the Submersible Pump

- Unplug saw and pump before handing or cleaning the pump.
- Remove the front cover.
- Using a small brush and/or water, clean any debris or trash that is trapped on the side of the pump.

Note: To maintain efficiency and extend the life of the pump, check intake screen before use to make sure it is clean.

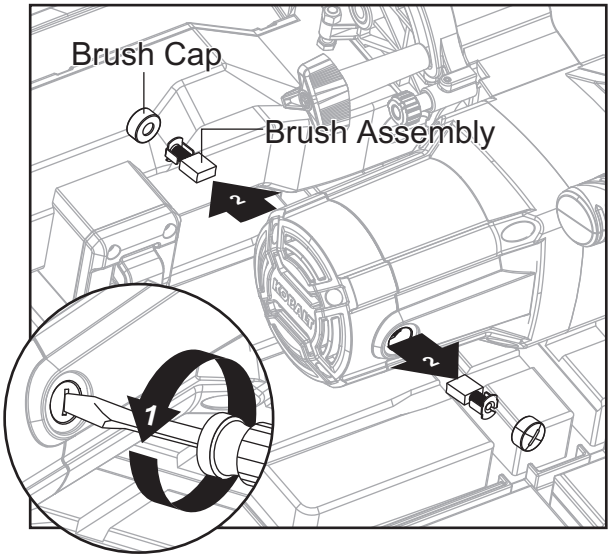
CARE AND MAINTENANCE

If the pump will not run, try the following solutions:
- Ensure that the intake screen is free of obstruction.
- Make sure that the water hose isn't clogged or knotted.
- Be sure the unit is plugged into a functioning power outlet.
- Be sure there is adequate water in the water tray.

Note: To prevent accidental starting, do not handle the pump while it is connected to a power source.

Brush Replacement

The saw has externally accessible brush assemblies that should be periodically checked for wear.



Proceed as follows when replacement is required:
- Unplug the saw.
- Remove brush cap with a flat head screwdriver (not included). Brush assembly is spring loaded and will pop out when you remove brush cap.
- Remove brush assembly.
- Check for wear. Replace both brushes when either has less than 1/4 in. length of carbon remaining. **DO NOT** replace one side without replacing the order.
- Reassemble using new brush assemblies (not included). Make sure curvature of brush matches curvature of motor and that brush moves freely in brush tube.
- Make sure brush cap is oriented correctly (straight) and replace.
- Tighten brush cap securely. Do not overtighten.

TROUBLESHOOTING

If you have any questions regarding the product, please call customer service at 1-888-3KOBALT (1-888-356-2258).

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
Motor is too hot.	1. The machine is overheated. 2. Ventilation is obstructed.	1. Turn off machine and let it cool down to room temperature. 2. Check and clean ventilation.
Motor stops turning.	1. Plugs have not been fully connected. 2. Incorrect voltage. 3. Switch is "OFF".	1. Verify that all electrical connections are secure. 2. Check that power source voltage is 120 V. 3. Verify that switch is in the "ON" position.
Pump cannot inject water.	1. The water in tray is not deep enough. 2. The water hose is loose or has come off. 3. The pump electrical cord is not firmly connected to receptacle. 4. The foam filter in inlet pump is too dirty.	1. Verify that there is sufficient water in water tray. 2. Make sure water hose is firmly attached. 3. Check that pump electrical cord is securely attached to receptacle. 4. Remove foam filter, rinse and replace in pump.
Laser line projection is hard to see.	1. Light in work area is too bright. 2. Dust or water is on the cover of aperture.	1. Turn down the environment light. 2. Clean the dust or water on the cover at the aperture.
Laser does not work.	1. Laser switch is in the "off" position.	1. Check that the laser switch is in the "on" position.
The movement of table is not smooth.	1. There is debris buildup on rails.	1. Remove the mud or tile debris on rails.

THREE-YEAR LIMITED WARRANTY

This tile saw is warranted to the original purchaser from the original purchase date for three (3) years subject to the warranty coverage described herein.

This tile saw is warranted to be free from defects in material and workmanship. If you believe that the tile saw is defective at any time during the specified warranty period, simply return the tile saw to the place of purchase for a free replacement or refund or call 1-888-3Kobalt (1-888-356-2258) for warranty services.

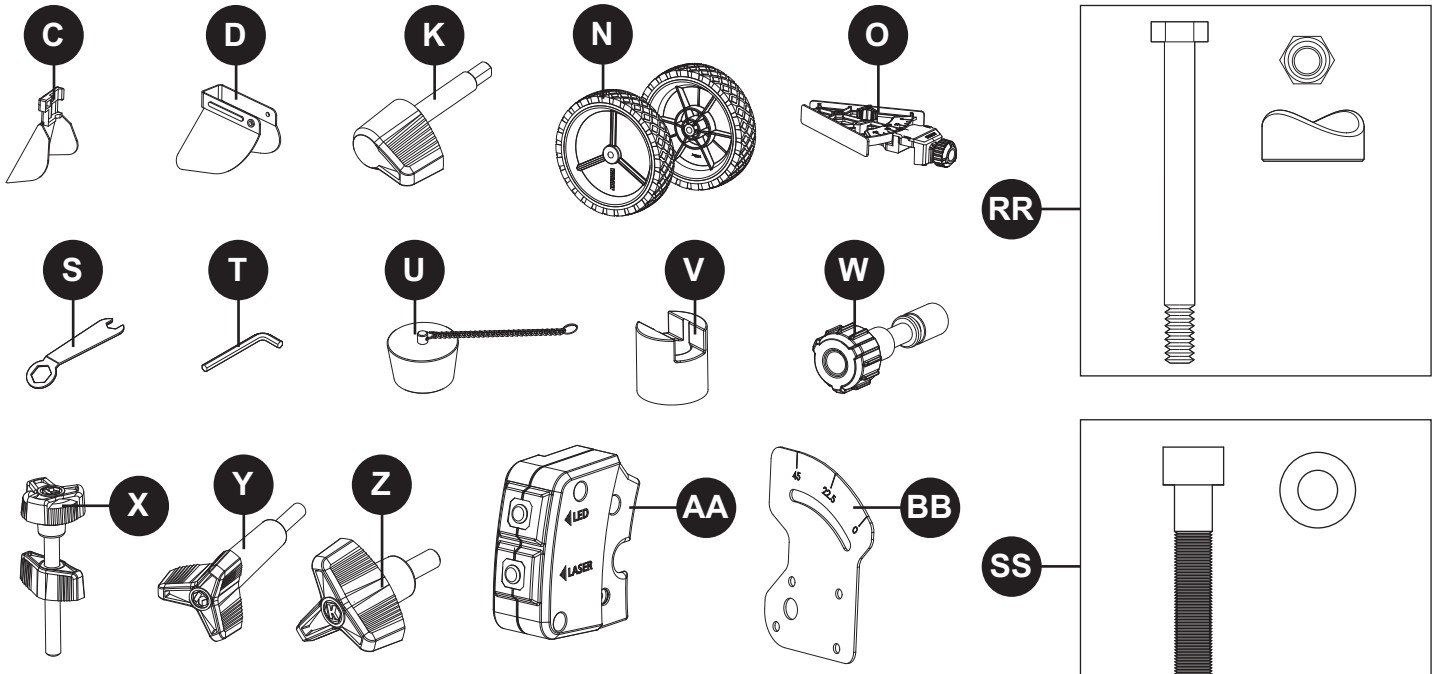
This warranty is void if: defects in materials or workmanship or damages result from repairs or alterations which have been made or attempted by others or the unauthorized use of nonconforming parts; the damage is due to normal wear, damage is due to abuse (including overloading of the tool beyond capacity), improper maintenance, neglect or accident; or the damage is due to the use of the tool after partial failure or use of improper accessories or unauthorized repair or alteration.

This warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

For questions, warranty claims, and/or warranty replacement parts, call our customer service department at 1-888-3Kobalt (1-888-356-2258).

REPLACEMENT PARTS LIST

For replacement parts, call our customer service department at 1-888-3KOBALT (1-888-356-2258), 8 a.m. - 8 p.m., EST, Monday - Friday.



PART	DESCRIPTION	PART #
C	Rear rubber flap	108505101
D	Side rubber flap	108505102
K	Sliding table lock knob	108505103
N	Wheel	108505104
O	Miter gauge	108505105
S	Arbor wrench	108505106
T	Hex wrench	108505107
U	Drain plug	108505108
V	Table stop	108505109
W	Motor locking pin	108505110
X	Depth stop knob assembly	108505111
Y	Motor locking knob	108505112
Z	Bevel lock lever	108505113
AA	Laser and LED assembly	108505114
BB	Bevel gauge	108505115
RR	Hardware for stand	108505116
SS	Hardware for motor head	108505117
TT	Hardware for wheel	108505118
UU	Hardware for handle	108505119
VV	Hardware for rear rubber flap	108505120
WW	Blade locking assembly	108505121

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