



ITEM #0325791

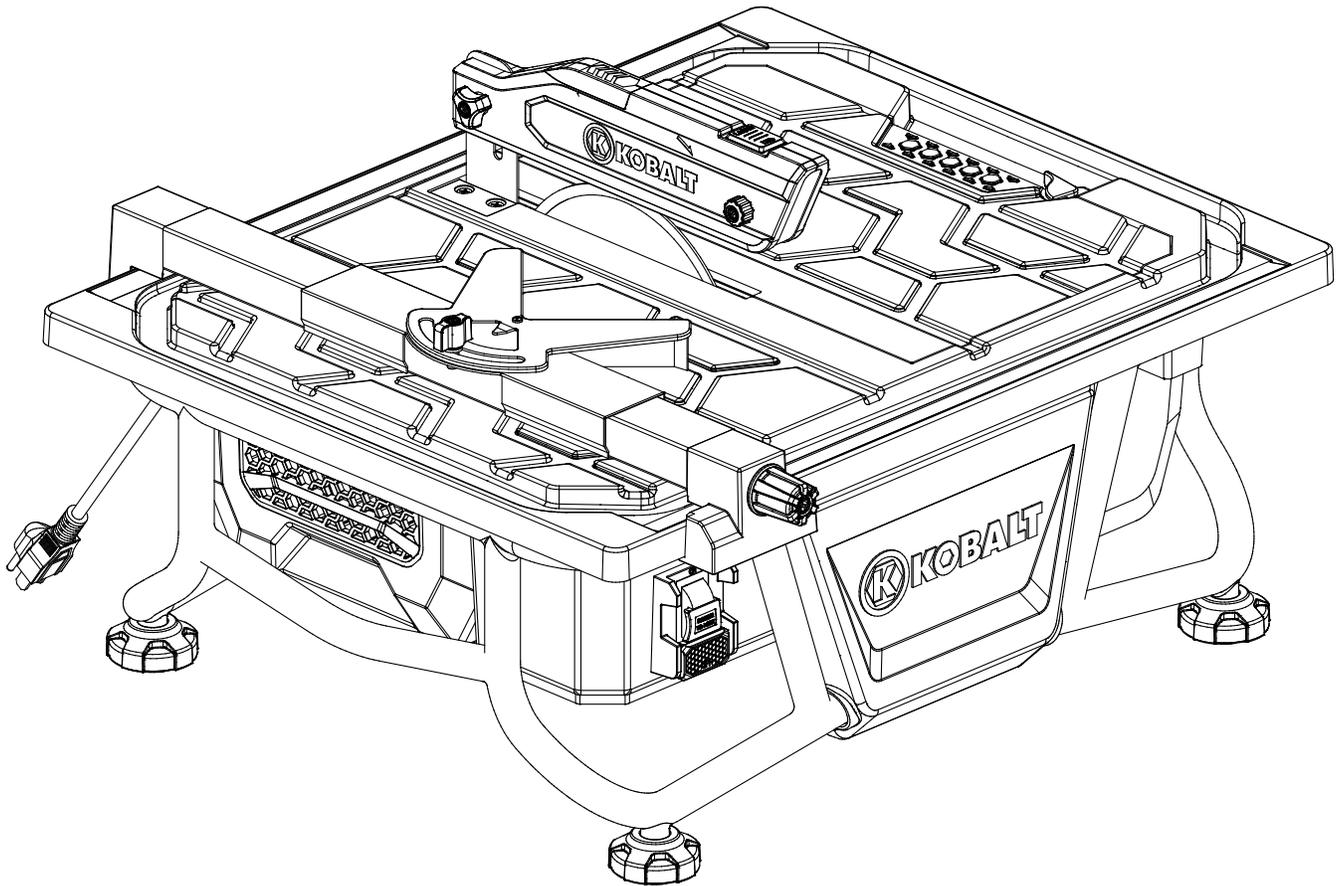
WET TILE/STONE SAW with LASER and LED WORK LIGHT

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Model: KB7004

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ATTACH YOUR RECEIPT HERE

Serial Number _____ **Purchase Date** _____



Questions, problems, missing parts? Before returning to your retailer, call our Customer Service Department at 1-888-3KOBALT.

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PRODUCT SPECIFICATIONS

Power supply	120V, 60Hz
Motor	5.8 A
No-load speed	3500 RPM
Blade	7 in. x 5/8 in. (arbor)
Maximum cutting depth	1-1/4 in.
Bevel cut range	0°, 22.5°, 45°

SAFETY INFORMATION

GENERAL SAFETY RULES FOR ALL POWER TOOLS

▲ WARNING: Some dust created by using power tools contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Safety is a combination of using common sense, staying alert, and knowing how your tile saw works. Read this manual to understand this tile saw and how to use it safely.

SAFETY SYMBOLS

The purpose of safety symbols is to attract your attention to possible dangers. The safety symbols and the explanations that accompany them deserve your careful attention and understanding. The safety warnings DO NOT, by themselves, eliminate any danger. They are no substitutes for proper accident-prevention measures.

▲ DANGER:

Someone will be seriously injured or killed if the safety information is not followed.

▲ WARNING:

Someone could be seriously injured or killed if the safety information is not followed.

▲ CAUTION:

Someone may be injured if the safety information is not followed.

DAMAGE PREVENTION AND INFORMATION MESSAGES

These inform the user of important information and/or instructions that could lead to equipment or other property damage if they are not followed. Each message is preceded by the word “NOTE,” as in the example below:

NOTE: Equipment and/or property damage may result if these instructions are not followed.

WORK-AREA SAFETY

- **KEEP THE WORK AREA CLEAN AND WELL LIT.** Cluttered benches and dark areas invite accidents.
- **DON'T USE IN A DANGEROUS ENVIRONMENT.** Don't use power tools in damp or wet locations or expose them to rain. Don't operate power tools in potentially explosive environments, such as in the presence of flammable liquids, gases, or dust. Power tools create sparks, which may ignite the dust or fumes.
- **OPERATE THE TOOL IN WELL-VENTILATED AREAS, AND PROVIDE PROPER DUST REMOVAL.** Dust generated from some materials can be hazardous to your health. Use dust-collection systems whenever possible.
- **KEEP CHILDREN AND BYSTANDERS AWAY.** All visitors should be kept a safe distance away from the work area.
- **USE THE RIGHT TOOL.** Don't force a tool or attachment to do a job for which it was not designed.
- **MAKE THE WORKSHOP CHILDPROOF** with padlocks, master switches, or by removing starter keys.

ELECTRICAL SAFETY

⚠ WARNING: To reduce the risk of electrocution, keep all connections dry and off the ground. Do not touch plug with wet hands.

- **VOLTAGE:** Before plugging in the tool, make sure that the outlet voltage is within the voltage marked on the tool’s data plate.
- **DO NOT USE “AC ONLY” RATED TOOLS WITH A DC POWER SUPPLY.**
- **DO NOT EXPOSE POWER TOOLS TO RAIN OR WET CONDITIONS.** Water entering a power tool will increase the risk of electric shock.
- If operating the power tool in damp locations is unavoidable, always use a Ground Fault Circuit Interrupter to supply power to your tool. Always wear electrician’s rubber gloves and footwear in damp conditions.
- **DO NOT ABUSE THE CORD.** Never use the cord to carry the tools or to pull the plug from the outlet. Keep the cord away from heat, oil, sharp edges, or moving parts. Replace damaged cords immediately. Damaged cords increase the risk of electric shock.
- **USE THE PROPER EXTENSION CORD.**

Extension Cords

Use only extension cords that are intended for outdoor use. These extension cords are identified by a marking: “Acceptable for use with outdoor appliances, store indoors while not in use.”

Use only extension cords having an electrical rating equal to or greater than the rating of the product. Do not use damaged extension cords. Examine the extension cord before using, and replace it if it is damaged. Do not abuse extension cords, and do not yank on any cord to disconnect it. Keep the cord away from heat and sharp edges. Always disconnect the extension cord from the receptacle before disconnecting the product from the extension cord.

- Make sure that 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.
- Table 1 shows the correct size to use, depending on cord length and ampere rating. If in doubt, use the next heavier gauge: the smaller the gauge number, the heavier the cord.
- When operating a power tool outdoors, ALWAYS use an outdoor extension cord marked “W-A” or “W.” These cords are rated for outdoor use and reduce the risk of electric shock.
- Use only 3-wire extension cords that have 3-prong grounding plugs and 3-pole receptacles that accept the tool’s plug.

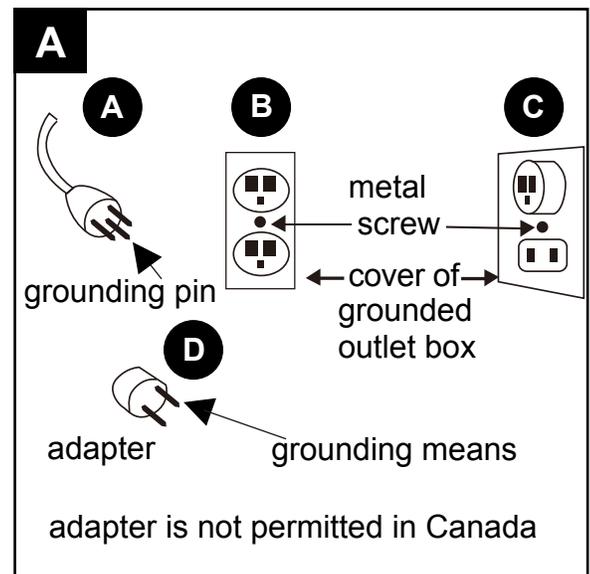
Ampere rating	Volts	Total Length of Cord in Feet			
		25ft.	50ft.	100ft.	150ft.
	120 V~	A. W. G.			
0~6		18	16	16	14
6~10		18	16	14	12
10~12		16	16	14	12
12~16		14	12	not recommended	Table 1

GROUND INSTRUCTION

All grounded, cord-connected tools:

- In the event of a malfunction or breakdown, grounding provides a path of least resistance for the electric current to reduce the risk of electrical shock. This tool has an electric cord with 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 with this tool. If it will not fit the outlet, have a properly grounded outlet installed by a qualified electrician.
- Improper connection of the equipment-grounding conductor can result in electric shock. The wire covered with green insulation is the equipment-grounding conductor. If repair or replacement of the electric cord or plug is necessary, do not connect the green wire to a live terminal.
- Check with a qualified electrician or service personnel if you do not completely understand the grounding instructions, or if there is a question as to whether the tool is properly grounded. Use only 3-wire extension cords that have 3-prong grounding plugs and 3-pole receptacles that accept the tool's plug.
- Repair or replace a damaged or worn cord immediately.
- Grounded, cord-connected tools intended for use on a supply circuit having a nominal rating less than 150 Volts.
- This tool is intended for use on a circuit with a grounded outlet (B, Fig. A). The tool has a grounding plug (A, Fig. A).

A temporary adapter (D, Fig. A) may be used to connect this plug to a 2-pole receptacle (C, Fig. A), if a properly grounded outlet is not available. The green-colored tab extending from the adapter must be connected to a permanent ground, such as a properly grounded outlet box. The temporary adapter should be used only until a qualified electrician can install a properly grounded outlet.



PERMANENTLY CONNECTED TOOLS

This tool can be permanently connected to a grounded metal wiring system or to a system that has an equipment-grounding conductor.

Ground Fault Circuit Interrupter (GFCI) protection should be provided on the circuit or outlet to be used for the tile saw. Receptacles are available having built-in GFCI protection and may be used for this measure of safety.

- **STAY ALERT, WATCH WHAT YOU ARE DOING AND USE COMMON SENSE** when operating a power tool.
- **DO NOT** use the tool while tired or under the influence of drugs, alcohol, or medication.



- **WEAR PROPER APPAREL.** Do not wear loose clothing, gloves, neckties, rings, bracelets, or other jewelry. Pull back and secure long hair. Non-slip footwear is recommended.
- **KEEP YOUR HAIR, CLOTHING, AND GLOVES AWAY FROM MOVING PARTS.**
- **REMOVE ADJUSTING KEYS OR WRENCHES.** Form a habit of checking to see that keys and adjusting wrenches are removed from the tool before turning it on.
- **ALWAYS USE SAFETY GLASSES.** Everyday glasses may have impact-resistant lenses, but they are not safety glasses.
- **USE A DUST OR FACE MASK** if the operation is dusty.
- **WEAR HEARING PROTECTION** to help prevent hearing loss.
- **NEVER TOUCH THE PINS OF THE ELECTRICAL PLUG** while inserting it into or removing it from an electrical socket.
- **NEVER STAND ON TOOL.** Serious injury could occur if the tool is tipped, or if the cutting tool is unintentionally contacted.

PERSONAL SAFETY

▲ WARNING: The operation of any power tool can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before beginning power-tool operation, always wear safety goggles or safety glasses with side shields and a full-face shield, when needed. We recommend Wide Vision Safety Mask for use over eyeglasses or standard safety glasses with shields. Always use eye protection, which is marked to comply with ANSI Z87.1

TOOL SAFETY

- **KEEP ALL GUARDS IN PLACE** and in working order.
- **AVOID ACCIDENTAL STARTING.** Be sure that the switch is in the “Off” position before plugging the tool into an electrical outlet.
- **DO NOT CARRY TOOLS WITH YOUR FINGER ON THE SWITCH.**
- **DO NOT OVER REACH.** Keep proper footing and balance at all times.
- **DO NOT FORCE THE TOOL.** Use the correct tool and blade for your application. The correct tool and blade will do the job better and more safely when used at the rate for which they were designed.
- **DO NOT USE TOOL IF THE SWITCH DOES NOT TURN IT “ON” OR “OFF.”** Any tool that cannot be controlled with the switch is dangerous and must be repaired.
- **DISCONNECT THE TOOL** before servicing, when changing accessories (such as cutting blades), or storing the tool.
- **STORE IDLE TOOLS OUT OF THE REACH OF CHILDREN** and other untrained people.
- **NEVER LEAVE THE TOOL RUNNING UNATTENDED;** turn the power off. Don’t leave the tool until it comes to a complete stop.
- **ALWAYS MAINTAIN TOOLS WITH CARE.** Keep cutting tools sharp and clean. Properly maintained tools with sharp cutting edges are less likely to bind and are easier to control. Follow all instructions for lubricating and changing accessories.

- **CHECK FOR DAMAGED PARTS.** Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced.
- **USE RECOMMENDED ACCESSORIES.** Consult the product manual for recommended accessories. The use of improper accessories may increase the risk of personal injury.

SERVICE SAFETY

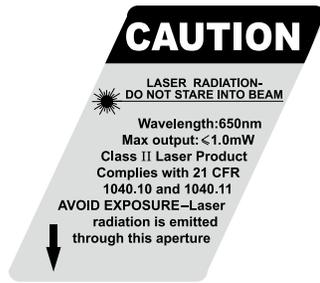
- If any part of this tile saw is missing or should break, bend, or fail in any way; or should any electrical component fail to perform properly: **ALWAYS** shut off the power switch and remove the plug from the power source, and have the missing, damaged, or failed part replaced **BEFORE** resuming operation.
- When servicing a tool, **ALWAYS** use only identical replacement parts. Follow instructions in the Maintenance Section of this manual. Use of unauthorized parts or failure to follow Maintenance Instructions may create a risk of electric shock or injury.

SPECIFIC SAFETY RULES FOR TILE SAW

▲ WARNING: Be sure to read and understand all instructions in this manual before using this tile saw. Failure to follow all instructions may result in electric shock, fire and/or serious personal injury.

▲ WARNING: To reduce the risk of mistakes that could cause serious, permanent injury, do not plug the tile saw into an electrical receptacle until the following steps have been satisfactorily completed.

- **COMPLETELY ASSEMBLE THE SAW (See ASSEMBLY INSTRUCTIONS)**
- **LEARN THE USE AND FUNCTION** of the ON-OFF switch, blade guard, laser-adjustment knob, overload protector, spindle lock, depth-stop-adjustment knob, depth-adjustment knob, bevel-cut-adjustment knob, universal guide, etc. (See “Assembly” and “Operation” sections)
- **REVIEW AND UNDERSTAND ALL SAFETY INSTRUCTIONS AND OPERATING PROCEDURES** in this manual.
- **REVIEW THE MAINTENANCE METHODS** for this saw (See “Maintenance” section)
- **NEVER** put your fingers or hands in the path of the saw blade or other cutting tool.
- **NEVER REACH BEHIND** the cutting tool with either hand for any reason. Do not reach behind the blade to hold down the workpiece, support the workpiece, remove scraps, or for any other reason.
- **NEVER** use a hand position where a sudden slip could cause the fingers or the hand to move into a saw blade.
- **FIND AND READ ALL THE WARNING LABELS** found on the tool (shown below).



AVERTISSEMENT

POUR VOTRE SÉCURITÉ, VEUILLEZ LIRE LE MANUEL D'INSTRUCTION AVANT D'UTILISER LA SCIE.

A) PORTEZ DES LUNETTES DE SÉCURITÉ.
 B) LORSQU'IL S'AVÈRE UTILE, UTILISEZ LE PROTECTEUR AFIN D'ÉVITER LES RÉSIDUS DE VOUS ATTEINDRE.
 C) DÉBRANCHEZ LA SCIE AVANT D'EFFECTUER L'ENTRETIEN, LORSQUE VOUS REMPLACEZ LA LAME ET QUAND VOUS PROCÉDEZ AU NETTOYAGE.
 D) UTILISEZ CET OUTIL UNIQUEMENT AVEC DES LAMES À CONTOUR LISSE, EXEMPTES DE FENTES ET DE RAJURES.
 E) REMPLACEZ LES LAMES ENDOMMAGÉES AVANT D'UTILISER LA SCIE.
 F) N'EXPOSEZ PAS LA SCIE À LA PLUIE ET NE L'UTILISEZ PAS DANS DES ENDROITS HUMIDES.
 G) CETTE SCIE DOIT ÊTRE UTILISÉE AVEC UN DISJONCTEUR DIFFÉRENTIEL.

LEE ESTA INSTRUCCIÓN MANUAL ANTES DE USA LA SIERRA PARA TU BIEN

A) PONE EL PROTECTOR PARA LOS OJOS
 B) USA UNA CAPUCHA PARA PROTEGERSE DE LAS MANCHAS CUANDO USA LA SIERRA
 C) DISCONNECTA LA SIERRA CUANDO NO ESTA USADA, O VIA A CAMBIAR LA RUEDA DE CORTAR, O VIA A LIMPIARLA
 D) CUANDO SE USA, SOLO USA LA PARTE LISA DE LA RUEDA DE COETAR, Y DEJA LIBRE LA OTEA PARTE Y LA RANURA
 E) ANTES DE USAR LA SIERRA, TIENE QUE CAMBIAR LA ROTA RUEDA DE CORTAR
 F) NO LA DEJES EXPUESTA A LA LLUVIA NI LA USES EN CONDICIONES MOJADAS
 G) ESTA SIERRA SE NECESITA USAR CON UN INTERRUPTOR CONECTADO CON EL SUELO.

KOBALT TILE SAW
 SCIE COUPE-CARREAUX
 SIERRA PARA BALDOSAS

Item/Article/Artículo # 0325791
 Model/Modèle/Modelo # KB7004

120V ~ 60Hz
 5.8A no: 3,500RPM

Serial/No de série /Serie No. _____

Max cutting depth/Profondeur de coupe maximale/Profundidad máxima de corte: 1-1/4 in.
 Blade dimensions/Dimensions de la lame/Dimensiones de la hoja: 7 in. x 5/8 in.

WARNING

FOR YOUR OWN SAFETY READ INSTRUCTION MANUAL BEFORE OPERATING SAW

A) WEAR EYE PROTECTION
 B) USE SPLASH HOOD FOR EVERY OPERATION FOR WHICH IT CAN BE USED
 C) DISCONNECT SAW BEFORE SERVICING, WHEN CHANGING CUTTING BLADES, AND WHEN CLEANING
 D) USE TOOL ONLY WITH SMOOTH-EDGE CUTTING BLADES FREE OF OPENINGS AND GROOVES
 E) REPLACE DAMAGED CUTTING BLADE BEFORE OPERATING
 F) DO NOT EXPOSE TO RAIN OR USE IN DAMP LOCATIONS
 G) THIS SAW IS TO BE USED WITH A GROUND FAULT CIRCUIT INTERRUPTER.

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Made in China/Fabriqu  en Chine/Hecho en China NQ

The label on your tool may include the following symbols:

- V..... Volts
- A..... Amps
- Hz..... Hertz
- W..... Watts
- min..... Minutes
- ~ Alternating Current
- == Direct Current
- no No-load Speed
- ☐ Class II construction
- .../min..... Revolutions or Strokes per minute
- ⚠ Indicates danger, warning or caution

It means attention! Your safety is involved

⚠ WARNING: Use of this tool can generate dust-containing chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints.
- Crystalline silica from bricks, cement, and other masonry products.
- Arsenic and chromium from chemically treated lumber.

Your risk from these exposures varies, depending upon how often you do this type of work. To reduce your exposure to these chemicals:

- Work in a well-ventilated area.
- Work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

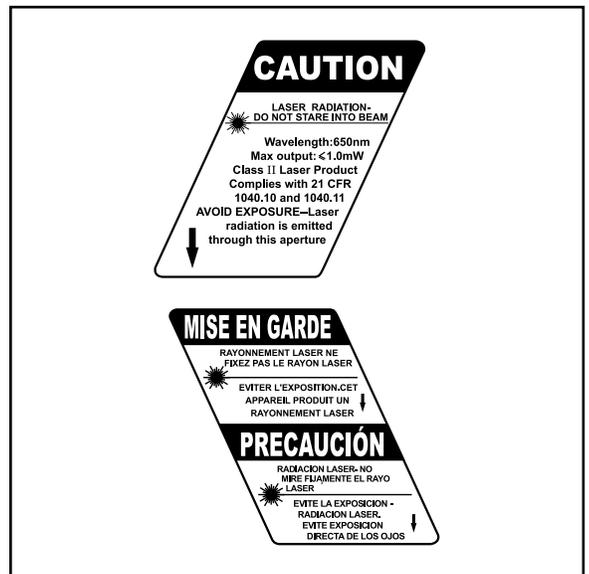
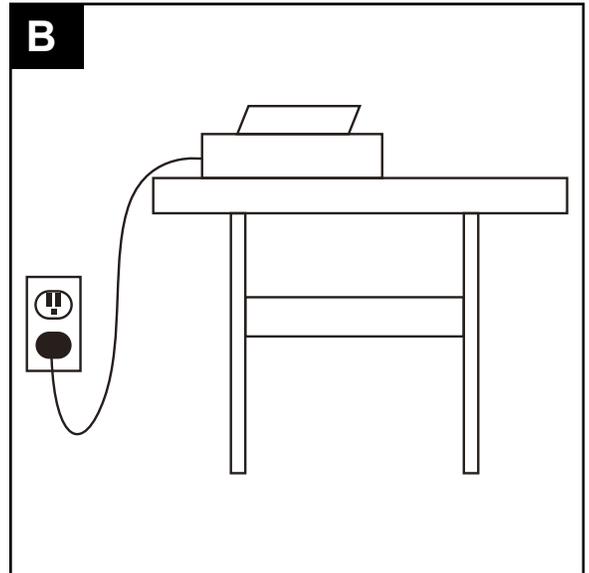
Avoid prolonged contact with dust from power sanding, sawing, grinding, drilling, and other construction activities. Wear protective clothing and wash exposed areas with soap and water.

Allowing dust to get into your mouth or eyes or to lie on the skin may promote absorption of harmful chemicals.

Use of accessories that are not recommended for use with this tool may create hazardous conditions.

- **DIRECTION OF FEED:** Always feed work into the blade against the rotational direction of the blade.
- **LET THE BLADE COME TO A COMPLETE STOP** before removing any jammed or off-cut material from around the blade area.
- **POSITION OF TILE SAW:** To avoid the possibility of the appliance plug or receptacle getting wet, position the tile saw to one side of a wall-mounted receptacle. The user should arrange a “drip loop” in the cord connecting the saw to a receptacle. (Fig. B)
- The “drip loop” is a section of the cord that hangs below the level of the receptacle or below the connector, if an extension cord is used, to keep the water that travels along the cord from coming into contact with the receptacle. (Fig. B)

If the plug or receptacle does get wet, DON'T unplug the cord. Disconnect the fuse or circuit breaker that supplies power to the tool. Then unplug the tool and examine the receptacle for water. Do not use the receptacle until it is completely dry.

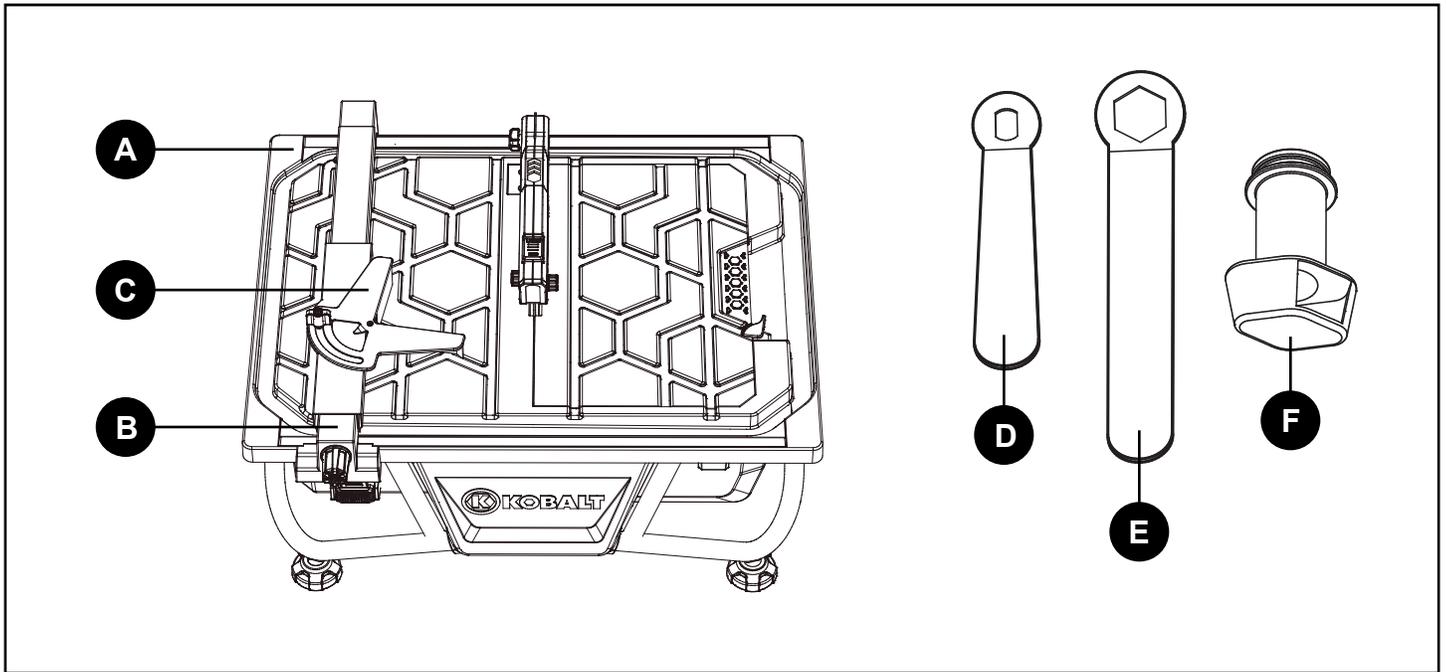


SAFETY INSTRUCTIONS FOR LASER

This saw has a built-in laser light. The laser is class II and emits output power of a maximum 1.0mW and 650nm wavelengths. The laser doesn't normally present an optical hazard.

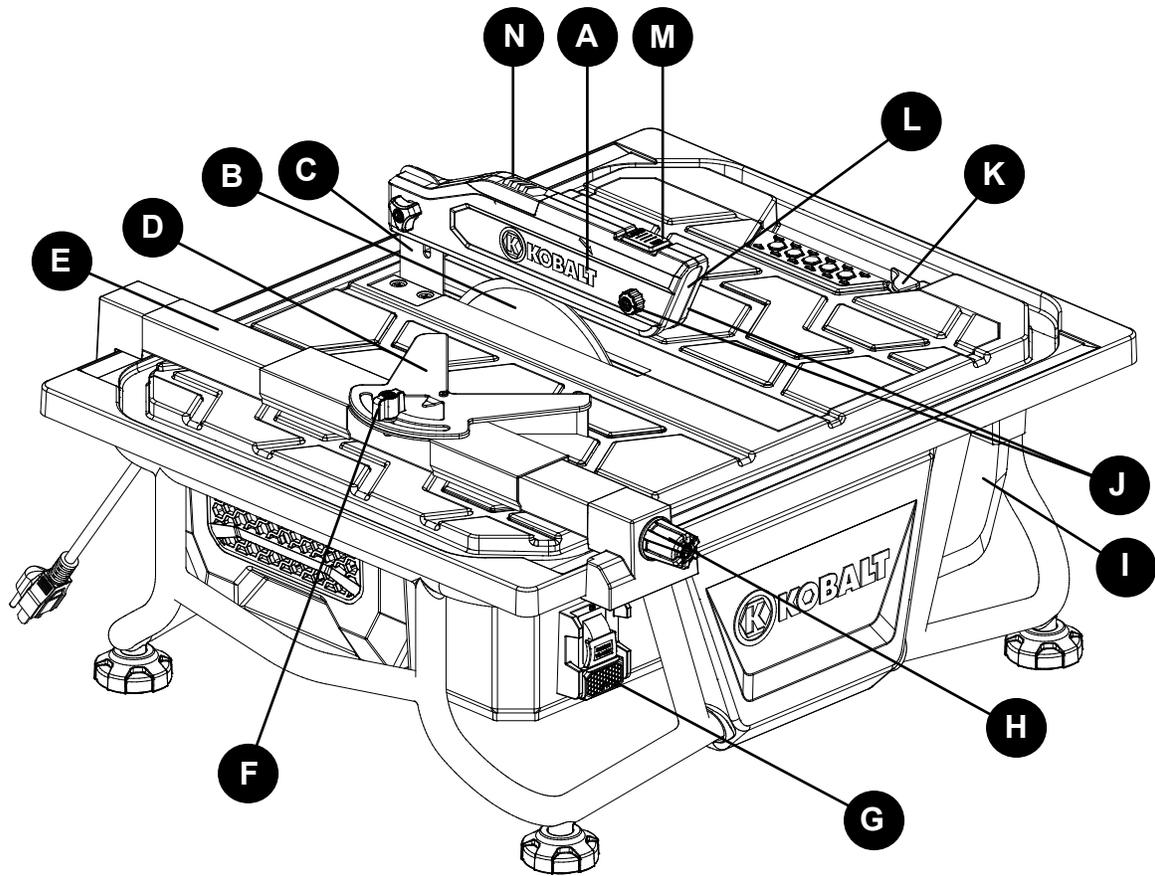
Be sure to read and understand all instructions. Always follow the following safety rules when using this saw.

- ▲ **CAUTION:** The following label is on your saw. It indicates where the laser light is emitted by the saw.
- ▲ **CAUTION:** Avoid exposure. Laser radiation is emitted through this aperture.
- ▲ **CAUTION:** The use of controls or adjustments or the performance of procedures other than those directed in this manual may result in hazardous radiation exposure.
- ▲ **WARNING:** Laser radiation. Avoid direct eye exposure. Do not stare into the beam. Turn the laser on only when the tool is operated.



PACKAGE CONTENTS

PART	DESCRIPTION	QUANTITY
A	Tile saw	1
B	Rip fence	1
C	Angle guide	1
D	Shaft wrench	1
E	Nut wrench	1
F	Water plug	1

1

PART	DESCRIPTION	QUANTITY
A	Top blade guard	1
B	Blade	1
C	Riving knife	1
D	Angle guide	1
E	Parallel rip fence	1
F	Angle guide locking knob	1
G	On/Off switch	1
H	Parallel rip fence locking knob	1
I	Reservoir	1
J	Laser adjust knob	1
K	Angle table lock	1
L	Laser aperture	1
M	Laser/Led switch button	1
N	Battery compartment cover	1

ASSEMBLY INSTRUCTIONS

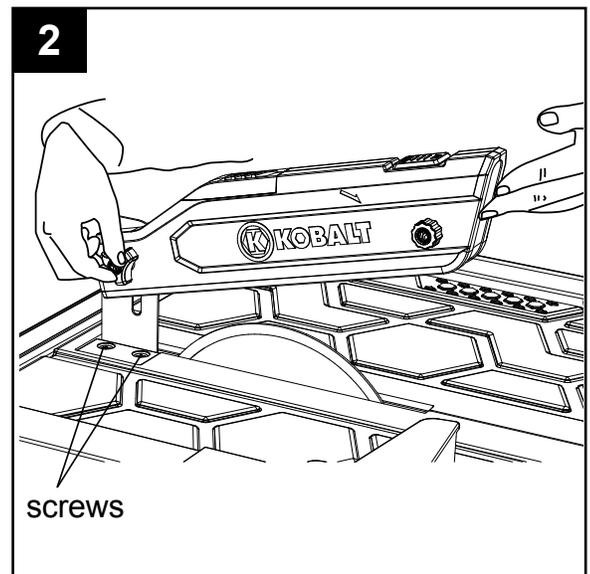
Before assembling the product, make sure all parts are present. Compare the package with the package contents list and the hardware contents on the preceding page. If any part is missing or damaged, do not attempt to assemble the product. Contact Customer Service (1-888-3KOBALT) for replacement parts.

This saw can be used with a stand or on another work surface.

FITTING THE RIVING KNIFE/BLADE GUARD (Fig. 2)

Note: Do not adjust the riving knife unless necessary.

1. Unplug the saw.
2. Remove the top plastic blade guard by loosening the knob securing it in place.
3. Use a Phillips screwdriver (not included) to loosen the two screws and align the riving knife with the blade, ensuring that the distance between the tip of riving knife and rim of the saw blade is no more than 3/16 in. (0.48 cm) and that the riving knife is in alignment with the saw blade.
4. Tighten the two screws.



INSTALLING THE BATTERIES

1. Hold and push the cover of battery compartment in the direction of the arrow molded into the battery cover.
2. Remove the cover and place two AAA batteries (sold separately) into the battery compartment, taking care to insert them with the correct polarity as indicated inside the battery compartment.

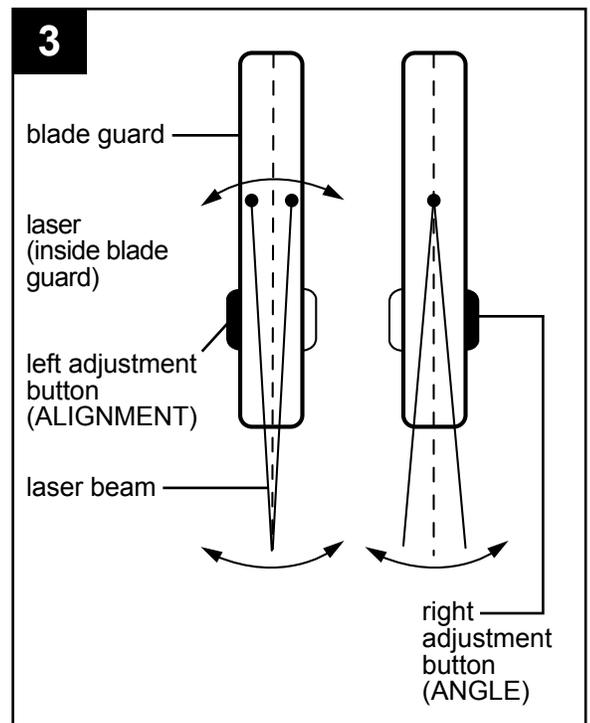
ADJUSTING THE ANGLE AND/OR ALIGNMENT OF THE LASER

Turn on the laser.

To adjust the alignment of the laser, turn the knob on the left of the blade guard.

To adjust the angle of the laser, turn the knob on the right of the blade guard.

Set the laser beam to align with the 0° mark on the table scale and the blade by adjusting the two knobs (Fig. 3).



CHANGING THE BLADE

▲ WARNING: Disconnect the power supply before making adjustments or performing maintenance on the machine.

1. Unplug the tile saw.
2. Disengage the angle table lock (Fig. 4).
3. Lift and remove the angle table.
4. Hold the end of the motor shaft with the shaft wrench while loosening the blade-securing nut in a counterclockwise direction with the nut wrench (Fig. 5).
5. Ensure that the shaft and the flanges are clean.
6. Fit the new blade on the shaft and ensure that the directional arrow marked on the new blade corresponds with the arrow marked on the top blade guard.
7. Reverse steps 4 through 1, tightening the blade securing nut in a clockwise direction in step 4.

Diamond wet blade size for replacement:

Diamond: 7 in.

Arbor: 5/8 in.

WARNING ON BLADE

▲ WARNING!

This blade, if used improperly, is dangerous! Always comply with OSHA regulations regarding Safety Guards, Speed, Mounting Procedures, Flanges and General Operating Rules for Inspection, Handling, Machine, Conditions and Storage. Always comply with ANSI standard B7.1.

Sawing creates airborne particles (dust) which may irritate your respiratory tract, eyes and skin.

SOME DUST MAY CONTAIN CHEMICALS KNOWN TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. Work in a well-ventilated area. Always use dust controls. Always use protection suitable to the material being sawed or drilled – See 29 CFR part 1910.1200.

SAFETY PRECAUTIONS

Before every operation inspect the blades for cracks, rim wear, and arbor or other damage. Replace cracked, worn or damaged blades.

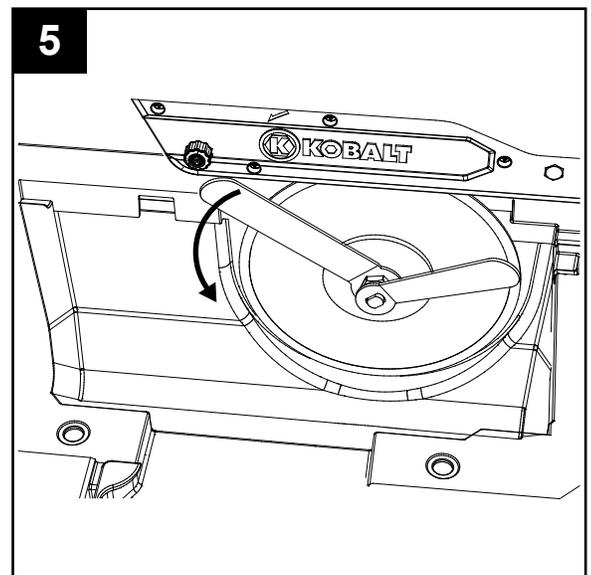
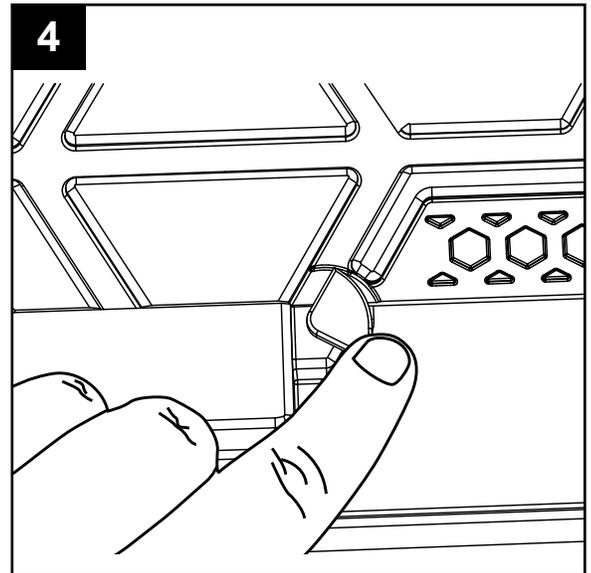
NEVER put any portion of body in line with rotating blade.

Wear safety glasses, dust mask, and other protective gear.

NEVER use blade dry. Cutting blade **MUST** be used with water.

▲ DANGER!

Blade guard MUST be in place when operating saw.



OPERATION INSTRUCTIONS

NOTE: Before attempting to use this tile saw, familiarize yourself with all its operating features and safety requirements.

FILLING THE WATER TRAY

1. Disengage the angle table lock as shown (Fig. 6).
2. Lift and remove the angle table.
3. Check that the water plug is correctly positioned.
4. Fill water to the minimum level.

▲ CAUTION: Fill water to the minimum level of the reservoir before cutting. Check the water level every 1/2 hour during use and refill if needed.

PARALLEL RIP FENCE ADJUSTMENT

Fit the parallel rip fence to the top of table, securing it to both sides.

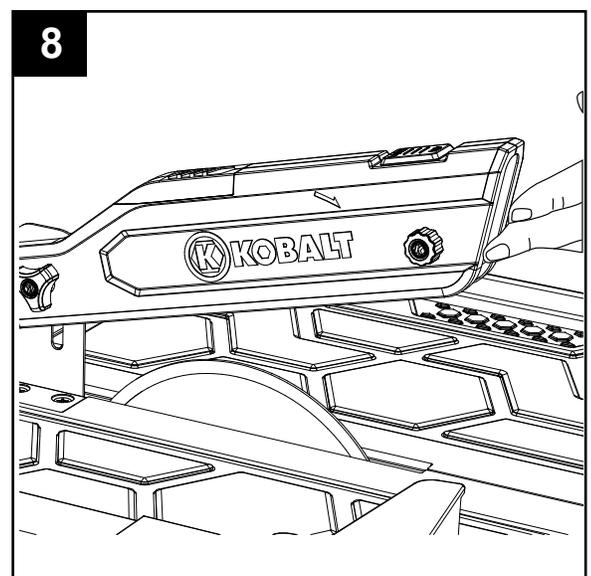
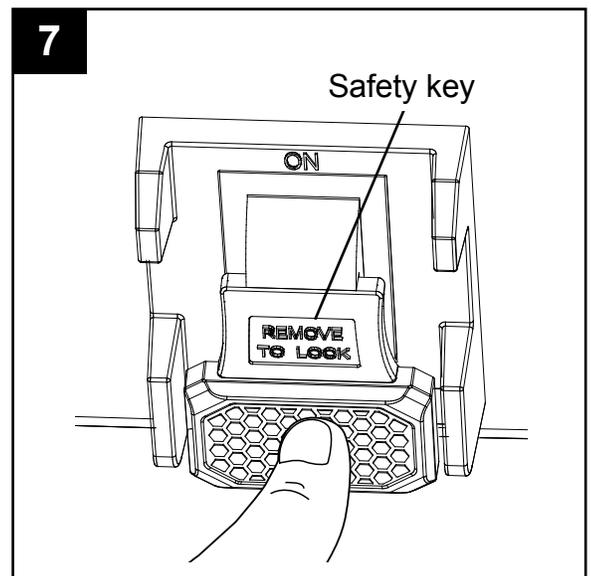
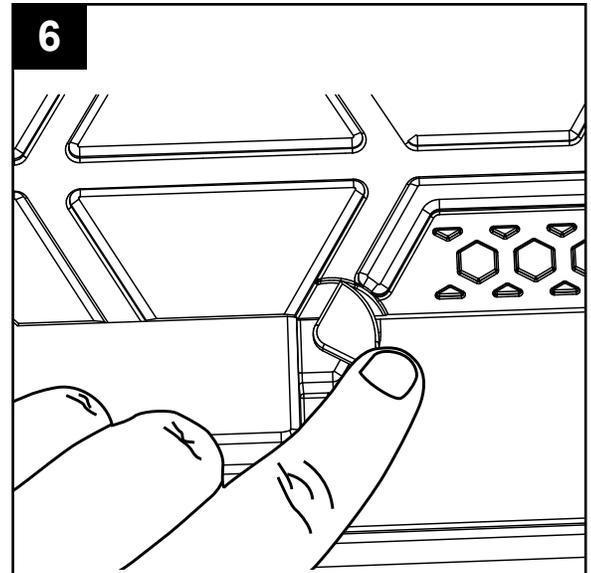
Adjust the position and tighten the parallel rip fence locking knob securely.

STARTING AND STOPPING

1. Connect the unit to a power source with the correct voltage and frequency (120V, 60Hz).
2. To start the machine, lift the switch knob to the “UP” position (Fig. 7).
3. To stop the machine, depress the switch knob to the “DOWN” position (Fig. 7).
4. To lock the switch in the “OFF” position, remove the red safety key. This safety feature prevents children and others from accidentally starting the machine.

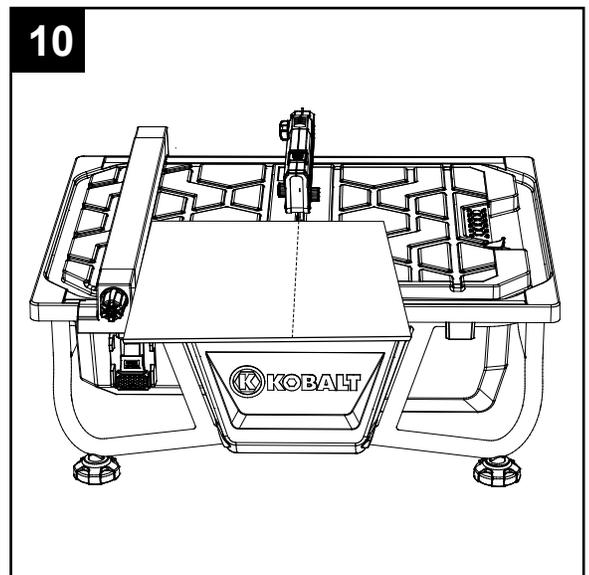
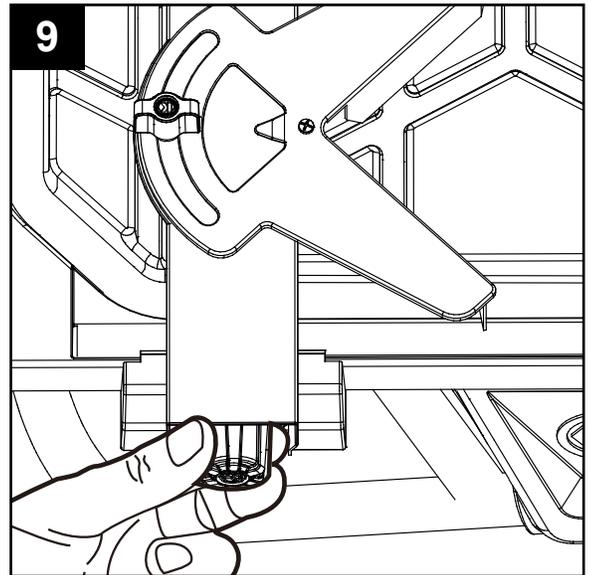
USING THE LASER/LED

1. When the Laser/LED switch is in the center position, neither the laser nor the LED can be turned on. Move the switch backward to power the LED light, or forward to power the laser. Always turn off the laser light when you are finished cutting (Fig. 8).
2. Align the laser beam with the line-of-cut by adjusting one or both adjustment knobs on the sides of blade guard.



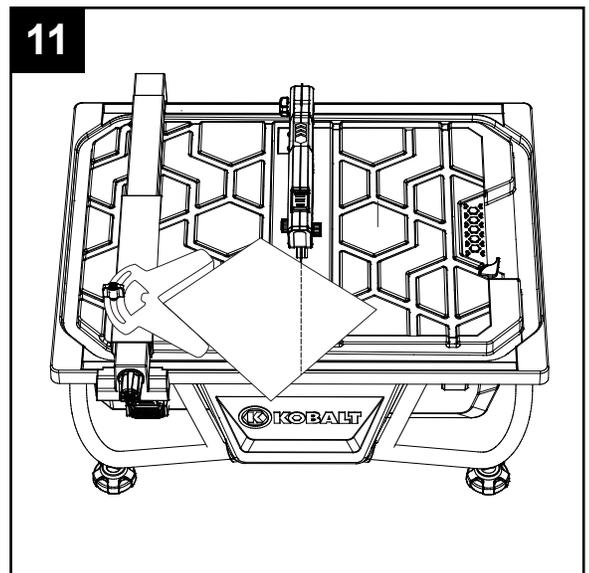
MAKING A STRAIGHT CUT

1. Turn off the saw.
2. Mark the desired cutting line directly onto the workpiece with a pencil or other marker.
3. Adjust the rip fence to the desired distance from the blade, using the scale rules on the table surface for reference.
4. Tighten the rip fence by turning the locking knob clockwise to firmly lock the rip fence on the table (Fig. 9).
5. Place the workpiece firmly against the rip fence (Fig. 10).
6. Turn on the saw.
7. Hold the tile firmly against the rip fence, and push the workpiece towards the blade.
8. Slowly push the workpiece into the blade to make the cut.
9. Turn off the saw and wait for the blade to come to a complete stop.
10. Remove the cut pieces and any debris from the table.



MAKING AN ANGLE CUT

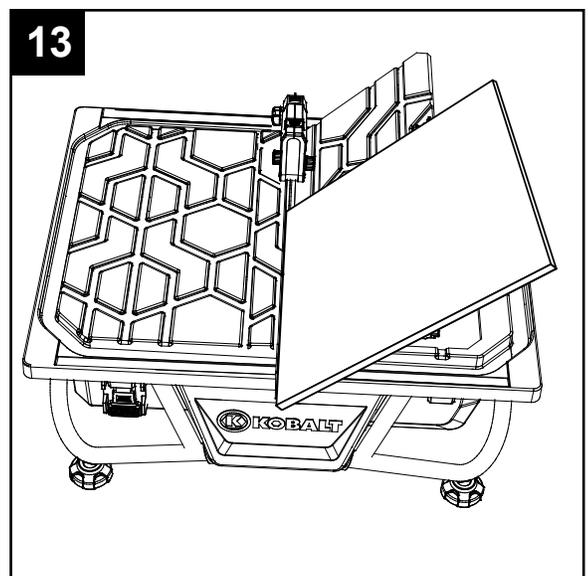
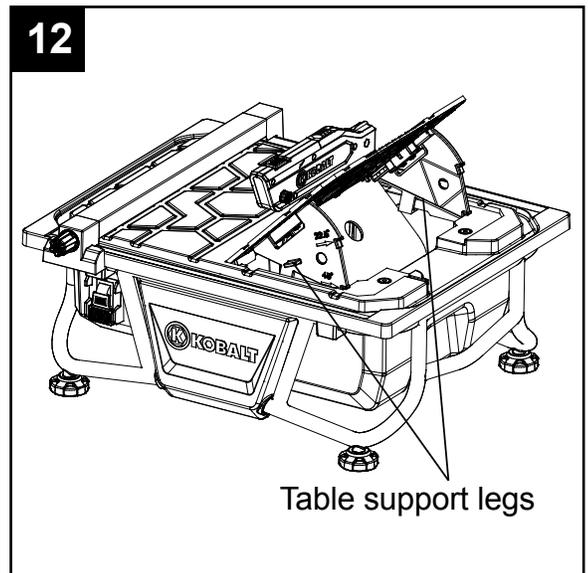
1. Turn off the saw.
2. Mark the desired cutting line directly onto the workpiece with a pencil or other marker.
3. Place the angle guide onto the rip fence.
4. Loosen the locking knob on the angle guide, and set the desired angle as indicated by the pointer and the scale on the angle guide.
5. Retighten the knob.
6. Adjust the rip fence to the desired distance from the blade, using the scale rules on the table surface for reference.
7. Tighten the rip fence by turning the locking knob clockwise to firmly lock the rip fence on the table.
8. Place the corner of the workpiece firmly into the angle guide Fig. 11.
9. Turn on the saw.
10. Hold the tile firmly against angle guide, and push the angle guide and the workpiece towards the blade.



11. Slowly push the workpiece into the blade to make the cut.
12. Turn off the saw and wait for the blade to come to a complete stop.
13. Remove the cut pieces and any debris from the table.

MAKING A BEVEL CUT

1. Turn off the saw.
2. Disengage the angle table lock as shown (Fig. 6).
3. Raise the angle table as in Fig. 12 and note that the angle table support legs are attached to the underside of the angle table with hinges.
4. Raise the angle table to approximately the proper position (22.5° or 45°). Hold it in place with one hand.
5. Unfold the angle table support legs so that the notch labeled either 22.5° or 45° engages with the table.
6. Ensure that the angle table support legs have been opened fully and that they securely support the angle table.
7. To change the angle of the table, **first** fold the angle table supports against the underside of the angle table, reposition the angle table as in step 4, **and then** unfold and position the legs as in steps 5-6.
8. Turn on the saw.
9. Place the tile on the guide, and push the tile forward to the blade to create a bevel cut. (Fig.13)
10. For best cutting results on 22.5° and 45° angles, hold the piece of tile securely and push it slowly and steadily towards the blade. This process will ensure a satisfactory cut.
11. Turn off the saw and wait for the blade to come to a complete stop.
12. Remove the cut pieces and any debris from the table.



CARE AND MAINTENANCE

⚠ CAUTION: Before performing maintenance or cleaning, disconnect from the power source.

- Never use water or any other chemical liquids to clean the electrical parts of the machine.
- Keep the ventilation slots clean to prevent overheating of the motor.
- Use a damp soft cloth to clean the water and dust off the tile saw.

TROUBLESHOOTING

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

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
1. Motor stops turning	<ol style="list-style-type: none">1. Plugs have not been fully connected.2. Incorrect voltage.3. Switch is turned OFF.4. GFCI is used or damaged.	<ol style="list-style-type: none">1. Verify that plugs are fully connected.2. Check that the power source voltage is 120V.3. Check the switch.4. Reset GFCI if used.5. Return the machine for repair when the problem remains unsolved after the above checks.
2. It is difficult to cut materials	<ol style="list-style-type: none">1. Blade rim is dull.	<ol style="list-style-type: none">1. Replace the blade.
3. There is abnormal noise when cutting	<ol style="list-style-type: none">1. Blade is bent or cracked.2. There is insufficient water in the reservoir.	<ol style="list-style-type: none">1. Replace the blade.2. Add water to the reservoir.
4. Laser line projection is hard to see	<ol style="list-style-type: none">1. Light in work area is too bright.2. Batteries are depleted.3. Dust or water is on the glass cover at the laser aperture.	<ol style="list-style-type: none">1. Turn down the environmental light.2. Replace the batteries.3. Clean the dust or water on the glass cover at the laser aperture.
5. Laser line is not projecting	<ol style="list-style-type: none">1. Laser switch is in the "off" position.2. Batteries are depleted.	<ol style="list-style-type: none">1. Check that the laser switch is in the "on" position.2. Replace the batteries.

3-YEAR HASSLE-FREE 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.

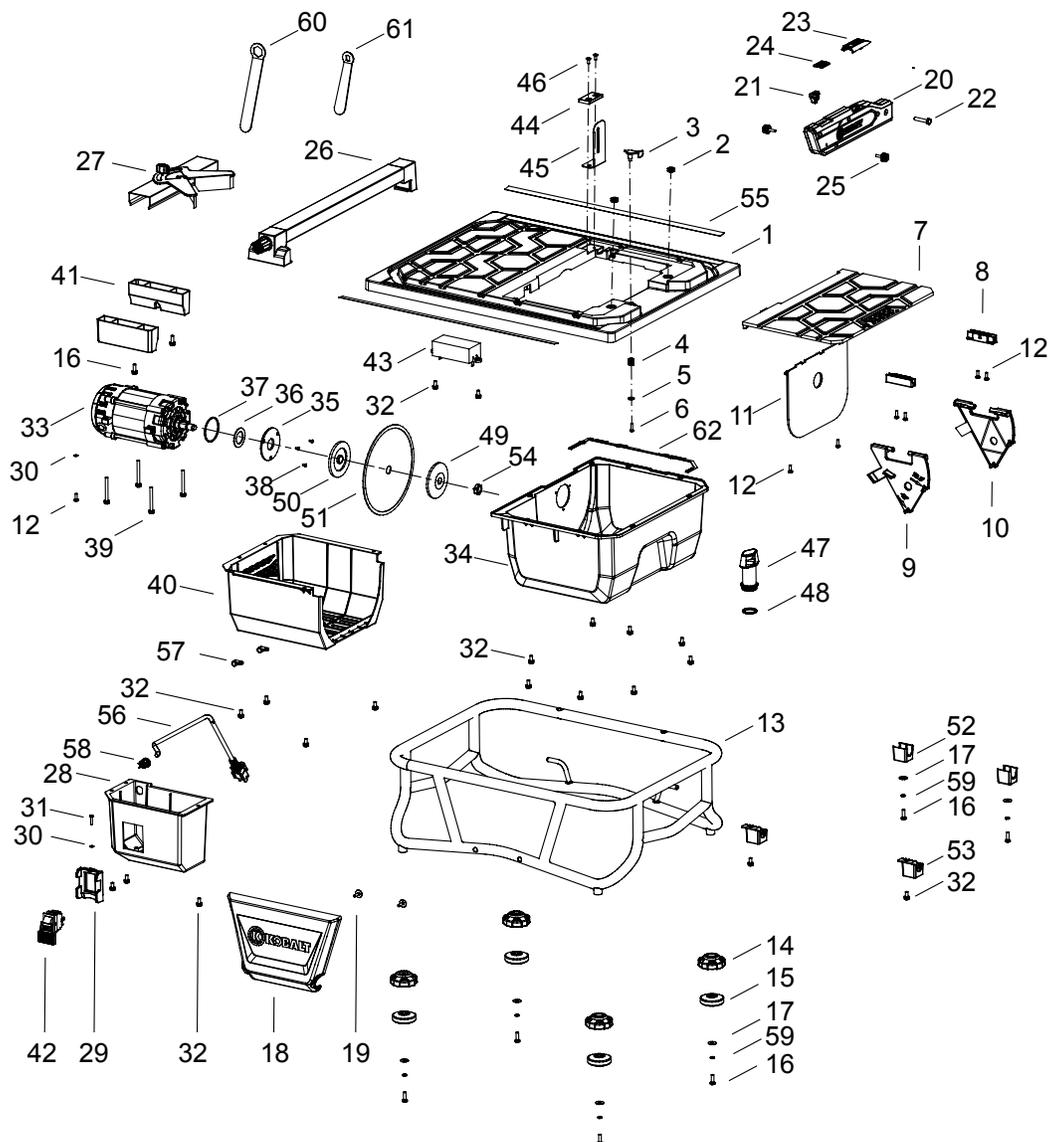
This tile saw is warranted for the original user to be free from defects in material and workmanship. If you believe that the tile saw is defective at any time during the specified warranty period, simply return the tile saw along with proof of purchase to the place of purchase for a free replacement or refund or call 1-888-3KOBALT for warranty service.

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 with 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.

REPLACEMENT PARTS

For replacement parts, call our Customer Service Department 1-888-3KOBALT.



NO.	PART NO.	DESCRIPTION	QTY
1	6121001	MAIN TABLE	01
2	6121002	RUBBER CUSHION	04
3	6121003	ACTIVE LOCK	01
4	6121004	SPRING	01
5	6121005	WASHER	01
6	6121006	SCREW	01
7	6121007	MOVE TABLE	01
8	6121008	JOINT	02
9	6121009	ANGLE TABLE SUPPORT_L	01
10	6121010	ANGLE TABLE SUPPORT_R	01
11	6121011	SPLASH BOARD	01
12	6121012	SCREW	07
13	6121013	TUBULAR SUPPORT	01
14	6121014	FOOT	04
15	6121015	FOOT INNER	04
16	6121016	SCREW	08
17	6121017	SCREW	06
18	6121018	FRONT COVER	01
19	6121019	SCREW	02
20	6121020	BLADE GUARD ASSY	01
21	6121021	BLADE GUARD KNOB	01
22	6121022	BOLT	01
23	6121023	BATTERY COVER	01
24	6121024	SWITCH BUTTON	01
25	6121025	LASER ADJUST KNOB	02
26	6121026	FENCE SET	01
27	6121027	ANGLE GUIDE	01
28	6121028	SWITCH COVER	01
29	6121029	SWITCH SUPPORT	01
30	6121030	WASHER	02
31	6121031	SCREW	01
32	6121032	SCREW	19
33	6121033	MOTOR	01

34	6121034	MOTOR	01
35	6121035	WATER TRAY	01
36	6121036	WATER TRAY BUSH	01
37	6121037	SEAL	01
38	6121038	SEAL	03
39	6121039	SCREW	04
40	6121040	MOTOR COVER	01
41	6121041	MOTOR SUPPORT	02
42	6121042	SWITCH	01
43	6121043	CAPACITOR	01
44	6121044	RIVING KNIFE COVER	01
45	6121045	RIVING KNIFE	01
46	6121046	SCREW	02
47	6121047	WATER PLUG	01
48	6121048	SEAL	01
49	6121049	OUT FLANGE	01
50	6121050	INNER FLANGE	01
51	6121051	SAW BLADE	01
52	6121052	SCREW SUPPORT	02
53	6121053	SUSPENSION	02
54	6121054	NUT	01
55	6121055	SCALE RULE	02
56	6121056	PLUG	01
57	6121057	CABLE CLAMP	02
58	6121058	ANCHORAGE OF CORD	01
59	6121059	SPRING WASHER	06
60	6121060	WRENCH	01
61	6121061	WRENCH	01
62	6121062	SEAL CUSHION	01

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