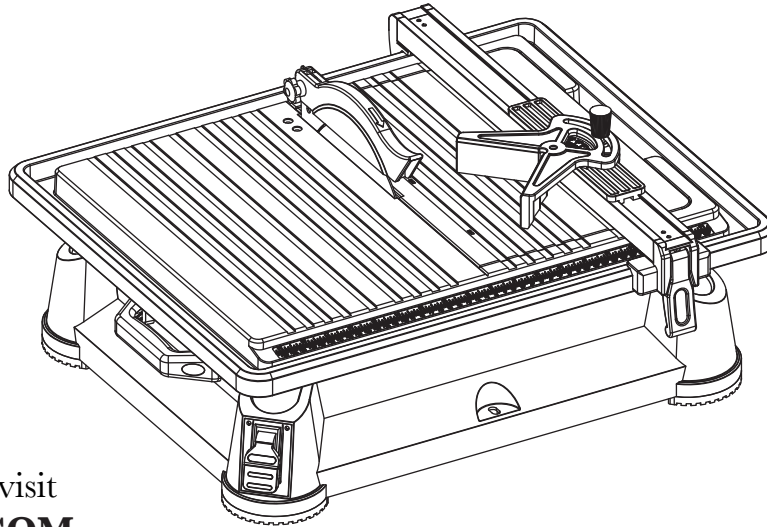




7-INCH TILE SAW



Intertek
4005911

For replacement parts visit
WENPRODUCTS.COM

Model # 71707
bit.ly/wenvideo


IMPORTANT:

Your new tool has been engineered and manufactured to WEN's highest standards for dependability, ease of operation, and operator safety. When properly cared for, this product will supply you years of rugged, trouble-free performance. Pay close attention to the rules for safe operation, warnings, and cautions. If you use your tool properly and for intended purpose, you will enjoy years of safe, reliable service.



NEED HELP? CONTACT US!

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

 **800-232-1195** (M-F 8AM-5PM CST)

 techsupport@wenproducts.com

 **WENPRODUCTS.COM**

NOTICE: Please refer to wenproducts.com for the most up-to-date instruction manual.

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PRODUCT SPECIFICATIONS

Model Number:	71745
Motor:	120V, 60Hz, 6.5 A, S1
Speed:	3450 RPM
Miter Angle:	0° to 45°
Bevel Table Angle Stops:	22.5° and 45°
Cutting Wheel Dimensions:	7 x 3/32 in.
Cutting Wheel Arbor Size:	7/8 in.
Rip/Cross Cutting Capacity:	18 in. (Tile Width)
Miter/Diagonal Cutting Capacity:	12 in. (Tile Width)
Maximum Cutting Depth at 0° Bevel:	1.2 in.
Maximum Cutting Depth at 22.5° Bevel:	1 in.
Maximum Cutting Depth at 45° Bevel:	0.8 in.
Product Net Weight:	30.3 lbs
Assembled Product Dimensions:	22-3/4 x 18-3/8 x 9-1/2 in.

Replacement diamond tile cutting blades (Model 71707B) can be ordered at wenproducts.com

SAFETY INTRODUCTION

Thanks for purchasing the WEN Tile Saw. If you excited about cutting tiles in half, then this is the right tool for you. Safe operation of this tool requires that you read and understand this operator's manual and all labels affixed to the tool. This manual provides information regarding potential safety concerns, as well as helpful assembly and operating instructions for your tool.



SAFETY ALERT SYMBOL: Indicates danger, warning, or caution. The safety symbols and the explanations with them deserve your careful attention and understanding. Always follow the safety precautions to reduce the risk of fire, electric shock and personal injury. However, please note that these instructions and warnings are not substitutes for proper accident prevention measures.

NOTE: The following safety information is not meant to cover all possible conditions and situations that may occur. WEN reserves the right to change this product and specifications at any time without prior notice.

Keep this manual available to all users during the entire life of the tool and review it frequently to maximize safety for both yourself and others.

GENERAL SAFETY RULES



WARNING! Read all safety warnings and instructions. Failure to follow all instructions may result in electric shock, fire and serious injury. The term “power tool” in the warnings refers to your mains-operated (corded) power tool. **Save all warnings and instructions for future reference.**

WORK AREA SAFETY

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

ELECTRICAL SAFETY

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

PERSONAL SAFETY

1. Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
2. Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
3. Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
4. Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts.
5. If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.

GENERAL SAFETY RULES

POWER TOOL USE AND CARE

1. Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
2. Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
3. Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents.
4. Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
5. Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
6. Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.
7. Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
8. Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

SERVICE

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

CALIFORNIA PROPOSITION 65 WARNING

Some dust created by power sanding, sawing, grinding, drilling, and other construction activities may contain chemicals, including lead, known to the State of California to cause cancer, birth defects, or other reproductive harm. Wash hands after handling. 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 on how often you do this type of work. To reduce your exposure to these chemicals, work in a well-ventilated area with approved safety equipment such as dust masks specially designed to filter out microscopic particles.

ELECTRICAL INFORMATION

GROUNDING INSTRUCTIONS

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

1. Use only three-wire extension cords that have three-pronged plugs and outlets that accept the tool's plug as shown in Fig. A. Do not modify the plug provided. If it will not fit the outlet, have the proper outlet installed by a licensed electrician.

2. Improper connection of the equipment grounding conductor can result in electric shock. The conductor with the green insulation (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.

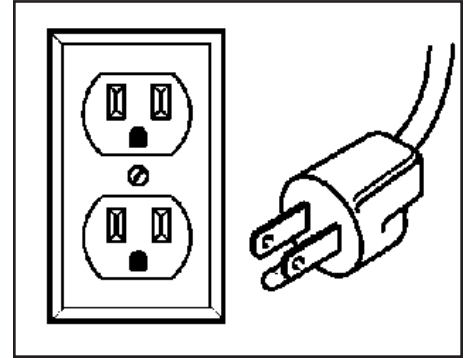


Fig. A

3. Repair or replace a damaged or worn cord immediately.

CAUTION: Check with a licensed electrician or service personnel if you do not completely understand the grounding instructions or whether the tool is properly grounded.

GUIDELINES FOR USING EXTENSION CORDS

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 table below shows the correct size to be used according to cord length and nameplate ampere rating. When in doubt, use a heavier cord. The smaller the gauge number, the heavier the cord.

AMPERAGE	REQUIRED GAUGE FOR EXTENSION CORDS			
	25 ft.	50 ft.	100 ft.	150 ft.
6.5A	18 gauge	16 gauge	14 gauge	12 gauge

1. Examine extension cord before use. Make sure your extension cord is properly wired and in good condition. Always replace a damaged extension cord or have it repaired by a qualified person before using it.

2. Do not abuse extension cord. Do not pull on cord to disconnect from receptacle; always disconnect by pulling on plug. Disconnect the extension cord from the receptacle before disconnecting the product from the extension cord. Protect your extension cords from sharp objects, excessive heat and damp/wet areas.

3. Use a separate electrical circuit for your tool. This circuit must not be less than a 12-gauge wire and should be protected with a 15A time-delayed fuse. Before connecting the motor to the power line, make sure the switch is in the OFF position and the electric current is rated the same as the current stamped on the motor nameplate. Running at a lower voltage will damage the motor.

SPECIFIC RULES FOR TILE SAWS

CUTTING WHEEL SAFETY

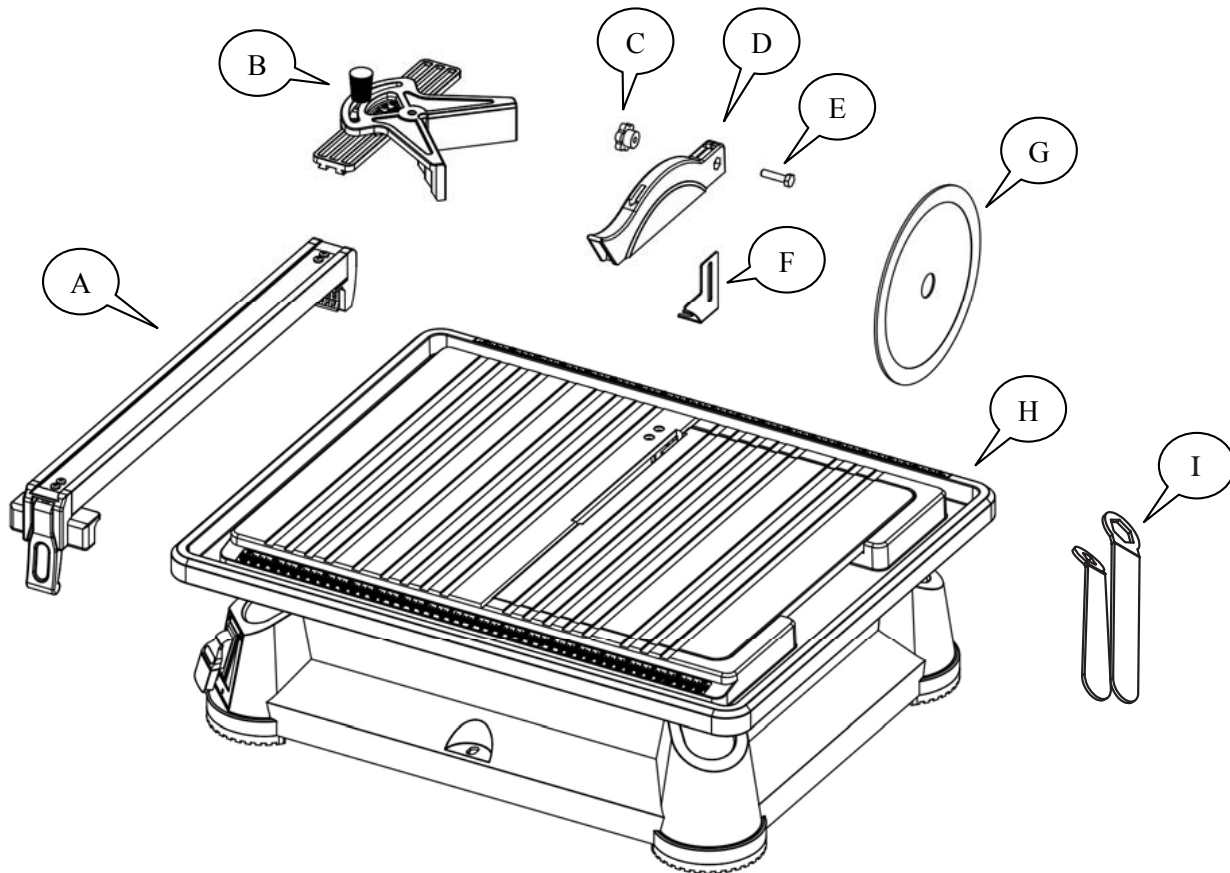
1. Use only diamond cutting wheels that are rated above the maximum spindle speed of the tool (3450 RPM) and are appropriate for the material being cut.
2. Use cutting wheels in good working condition. Never use segmented cutting wheels. Replace damaged or worn cutting wheels immediately. Regularly check to ensure that the cutting wheel is correctly fastened to the tool.
3. Use protective gloves when handling cutting wheels. Cutting wheels can cause injuries, even when stationary.

TILE SAW SAFETY

1. Make sure the tile saw is securely positioned or mounted on a level, firm work surface before operating.
2. To reduce the risk of electrocution, keep all connections dry and off the ground. Do not touch plug with wet hands. Refer to “Positioning of the Tile Saw” on page 10 for instructions on arranging a “drip loop” in the power cord to prevent water from entering the power outlet.
3. If any part of this tool is missing, broken, bent, or damaged in any way, shut off the power switch, disconnect the power, and have the part replaced before operation. Never use the machine without the blade guard in position.
4. Wear ANSI Z87.1-approved impact-resistant safety goggles. Safety goggles should be worn during operation, assembly or maintenance of the tool.
5. Always stand to the side of the cutting wheel. Never stand or have any part of your body in line with the path of the wheel. Maintain a sufficient and safe distance from the cutting wheel.
6. Before turning on the tool, make sure the workpiece is not in contact with the cutting wheel. Let the cutting wheel reach full speed before feeding in the workpiece.
7. This saw is for cutting tiles; never cut wood or metal with this saw. Do not exceed the cutting capacity of your saw.
8. Cut only one workpiece at a time. Do not stack workpieces on top of each other. Multiple workpieces can shift during cutting and fly out of control.
9. Keep the water level between the minimum and maximum level markings on the inside of the water reservoir. Do not operate the tile saw with too little or too much water. Lack of water in the reservoir may damage the tile blade.
10. Switch off the tile saw and wait until the cutting wheel comes to a complete stop before removing workpieces or residual material from the work area.
11. This tile saw should be used at an ambient temperature between 59°F and 86°F (15°C and 30°C).
12. To avoid accidentally starting the tool, always disconnect the product from its power supply before performing adjustments or maintenance.
13. Use only recommended accessories. The use of improper accessories may cause risk of injury to persons.
14. Always store the product in a dry and frost-free place. Keep the tool and cutting wheels away from children.

UNPACKING

Carefully remove the tool and all parts from the packaging. Check all components against the packing list diagram below. If any part is damaged or missing, please contact our customer service at (800) 232-1195, M-F 8-5 CST or email us at techsupport@wenproducts.com.



PACKING LIST

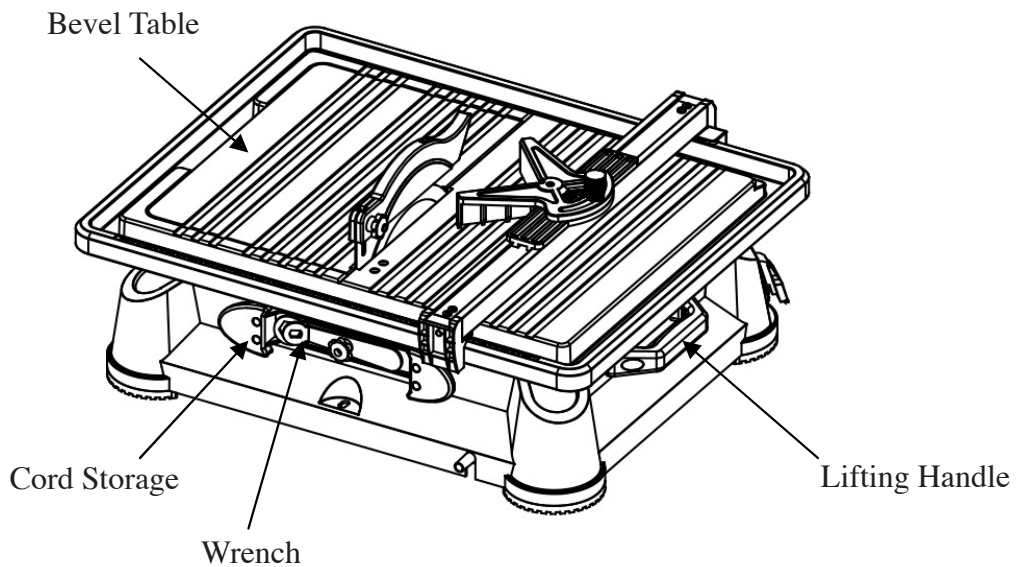
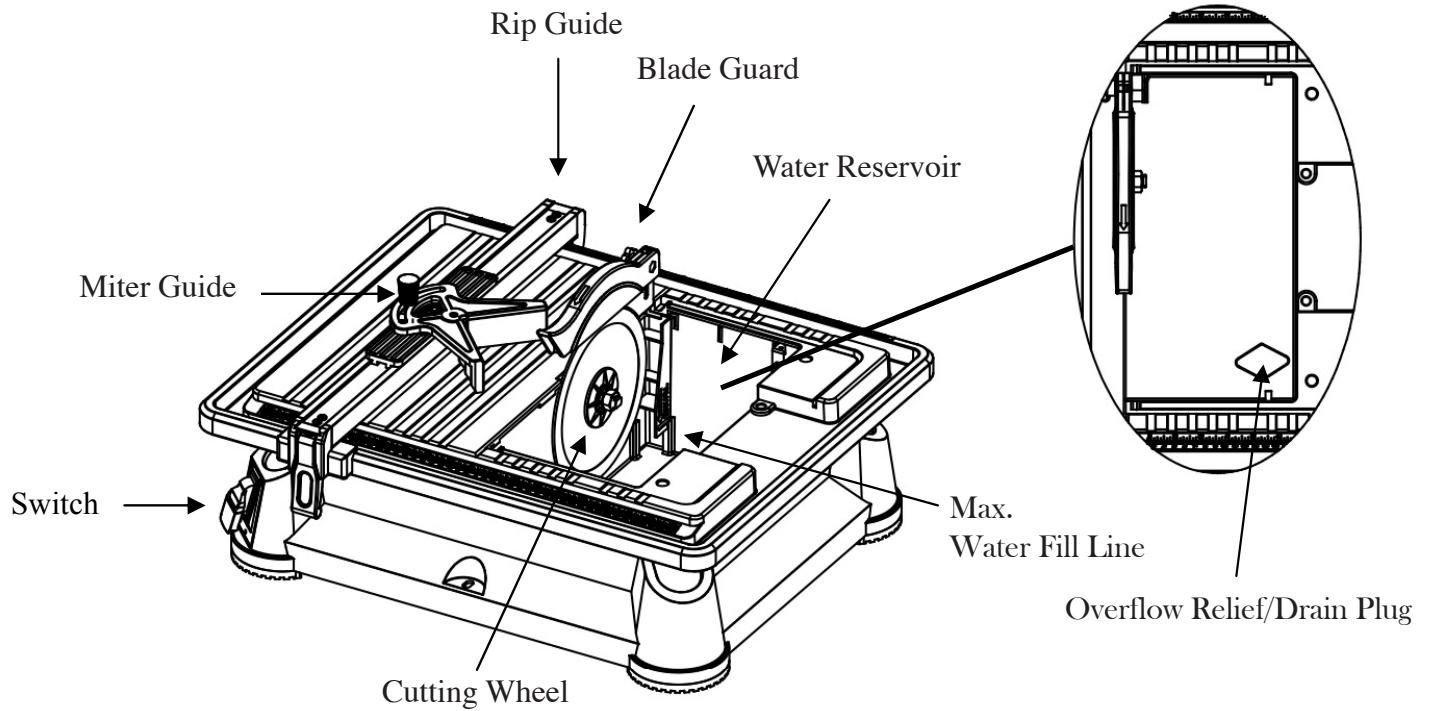
- | | | | |
|----|------------------|----|---------------------|
| A. | Rip Guide | F. | Blade Guard Bracket |
| B. | Miter Guide | G. | Cutting Wheel |
| C. | Blade Guard Knob | H. | Tile Saw |
| D. | Blade Guard | I. | Wrench (x2) |
| E. | Hex Bolt | | |

CLEANING THE SURFACES

Your tool comes protected with a layer of anti-rust coating. Remove the protective coating from surfaces using a soft cloth, moistened with kerosene (do not use cellulose-based solvents such as paint thinner or lacquer thinner, as these will damage the painted surfaces).

KNOW YOUR TILE SAW

Learn the parts and controls of your tile saw. This product requires assembly: follow the assembly instructions on the following pages. Do not connect to the power supply until it is properly assembled. Failure to comply could result in personal injury and product damage.



ASSEMBLY



WARNING: To prevent serious injury from accidental operation, make sure the power cord is disconnected from the power source and the tool is turned OFF before assembly or making any adjustments.

POSITIONING OF THE TILE SAW (Figs. 1 & 2)

Place the tile saw on a firm, level surface. Allow sufficient area around the tile saw and be prepared that the surrounding area may get wet during operation.

Tile saws require water to cool down the cutting wheel. However, water contacting the power source or entering a power tool will increase the risk of electric shock. To avoid the possibility of the power plug or receptacle getting wet, the tile saw should be positioned to one side of a wall mounted receptacle (not directly above it). This prevents water from dripping directly onto the receptacle or power plug.

Create a "drip loop" in the cord connecting the tool to the receptacle (Fig. 1). A "drip loop" is the part of the cord that is below the level of the receptacle or the connector (if an extension cord is used). This will prevent the water from traveling down along the cord and coming in contact with the receptacle.

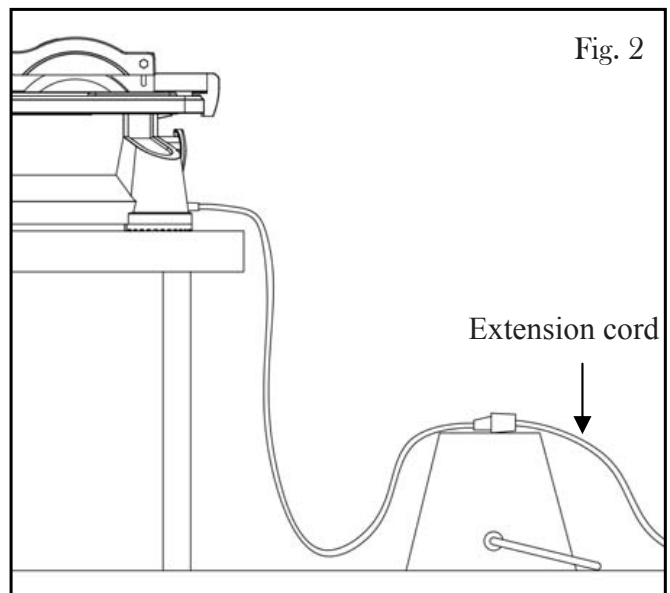
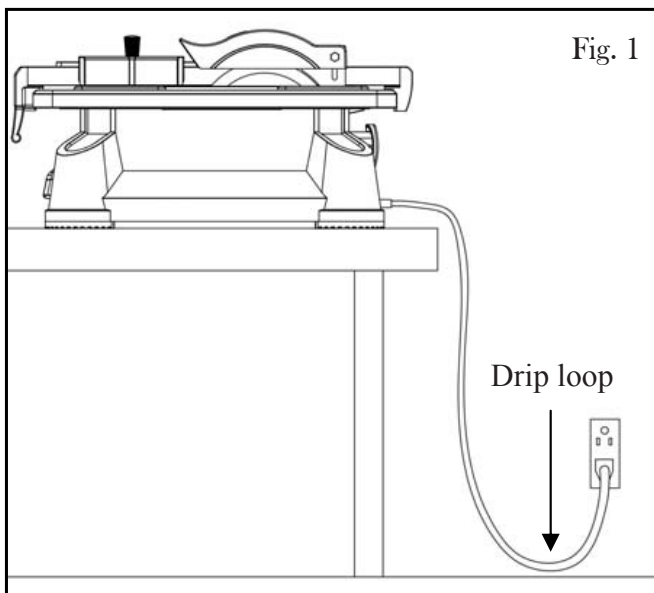
If an extension cord is used, the cord connection must be placed on the elevated surface and the "drip loop" must be arranged before the cord connection (Fig. 2) to prevent it from getting wet.



WARNING: 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 the tool and examine for presence of water in the receptacle.



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



ASSEMBLY



WARNING: To prevent serious injury from accidental operation, make sure the power cord is disconnected from the power source and the tool is turned OFF before assembly or making any adjustments.

INSTALLING THE TILE CUTTING WHEEL (Figs. 3, 4 & 5)

1. Unplug the saw, flip up and remove the bevel table (Fig. 3).
2. Remove the arbor nut (Fig. 4 - 1) and outer flange (Fig. 4 - 2), leaving the inner flange (Fig. 4 - 4) on the arbor.
3. Install the cutting wheel (Fig. 4 - 3) against the inner flange, with the arrow on wheel going in the counterclockwise direction.
4. Reinstall the outer flange (Fig. 4 - 2). Replace the arbor nut (Fig. 4 - 1) on the arbor. Using the two wrenches included, tighten arbor nut securely (Fig. 5).



WARNING: Use only cutting wheels that are suitable for your tile saw. Do not use wheels with a speed rating less than 3450 RPM. Make sure the edge of the blade is smooth and free of openings or grooves.

Replacement cutting wheels (Part No. 71707B) can be purchased from wenproducts.com.

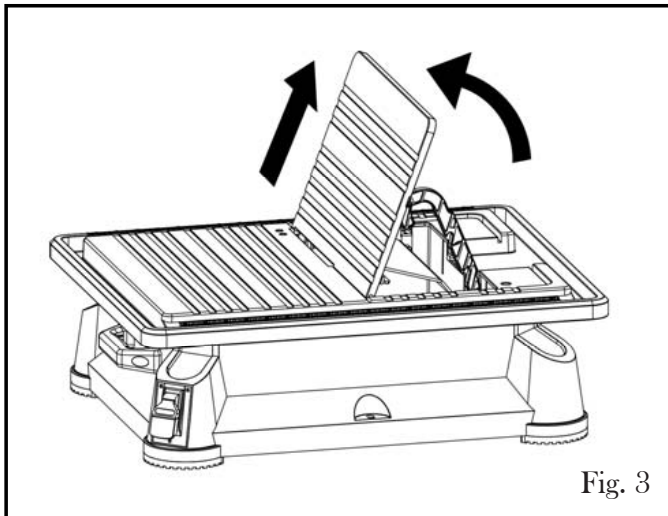


Fig. 3

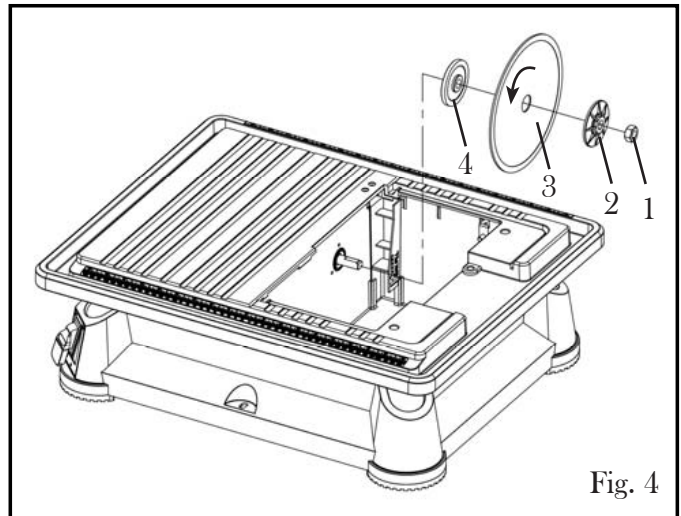


Fig. 4

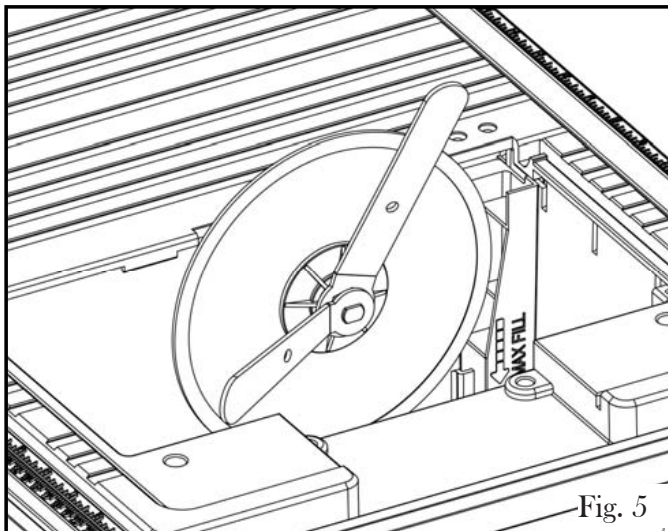


Fig. 5

ASSEMBLY



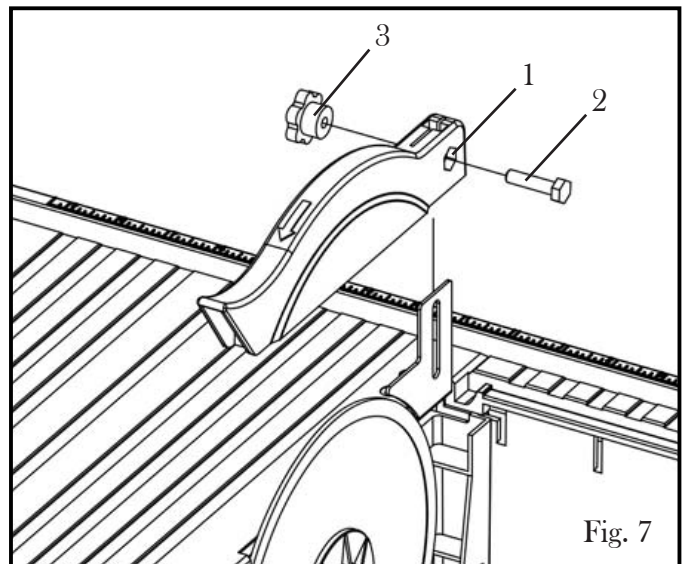
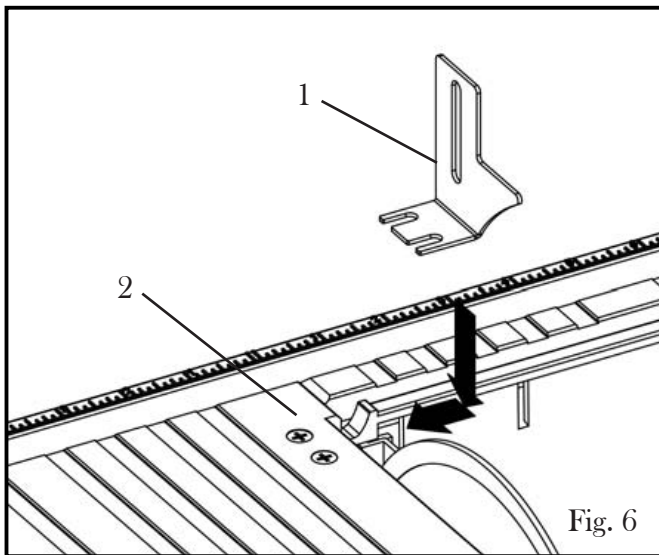
WARNING: To prevent serious injury from accidental operation, make sure the power cord is disconnected from the power source and the tool is turned OFF before assembly or making any adjustments.

INSTALLING THE BLADE GUARD (Figs. 6 & 7)

1. Slide the blade guard bracket (Fig. 6 - 1) into the lip under the table behind the cutting wheel. Align the two slots of the blade guard bracket with the two flat head screws (Fig. 6 - 2). Position the blade guard bracket between the tabletop and the locking plate.
2. Position the bracket so that it is parallel with the cutting wheel. Using a Phillips head screwdriver (not included), tighten the two flat head screws to secure the blade guard bracket in place.
3. Slide the blade guard over the bracket, align the holes (Fig. 7 - 1) in the blade guard with the slot in the blade guard bracket.
4. Insert the hex bolt (Fig. 7 - 2) through the blade guard and bracket, and thread the knob (Fig. 7 - 3) onto the bolt. Set the blade guard to the desired height and tighten the knob.

NOTE: Do not over-tighten the protective guard. The guard should rise and fall freely as the workpiece is pushed towards the wheel during cutting operation. Ensure the protective guard cannot touch the cutting wheel.

NOTE: Before each operation, check the blade guard height to make sure it sits slightly above the tile. Adjust the height if necessary. This will provide the maximum protection.



ASSEMBLY



WARNING: To prevent serious injury from accidental operation, make sure the power cord is disconnected from the power source and the tool is turned OFF before assembly or making any adjustments.

INSTALLING THE RIP GUIDE (Fig. 8)

1. Place the rip guide (Fig. 8 - 1) onto the saw table, with the locking lever (Fig. 8 - 2) in the unlocked (raised) position.
2. Refer to the rip guide scale on the front and rear of the table and set the rip guide to the desired width of cut.
3. Push the locking lever (Fig. 8 - 2) down to secure the rip guide onto the saw table.

NOTE: If the rip guide is loose, tighten the 6mm nut on the end of the guide (71707-071), and try again. Make adjustments to the nut as necessary.

INSTALLING THE MITER GUIDE (Fig. 9)

1. Slide the miter guide onto the rip guide.
2. The miter angle can be adjusted from 0° to 45°. Loosen the miter guide knob (Fig. 9 - 1) and rotate the guide to the desired angle. Tighten the miter guide knob to lock the miter guide's angle.

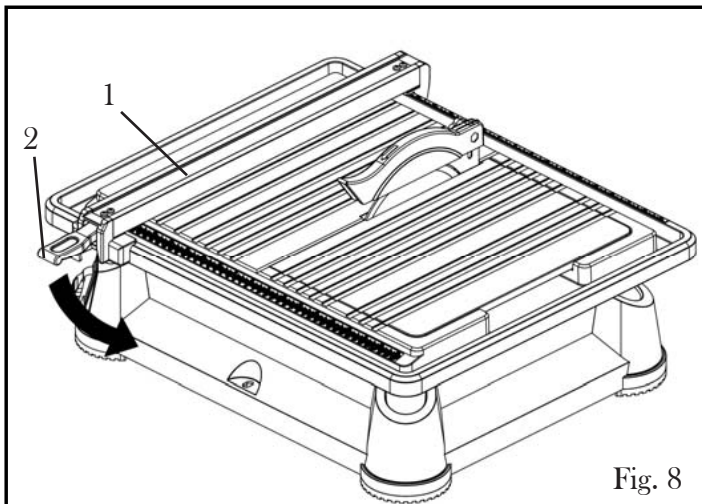


Fig. 8

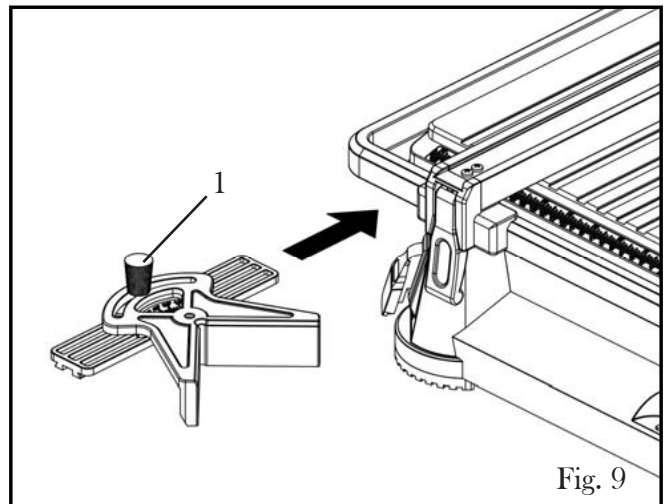


Fig. 9

ASSEMBLY



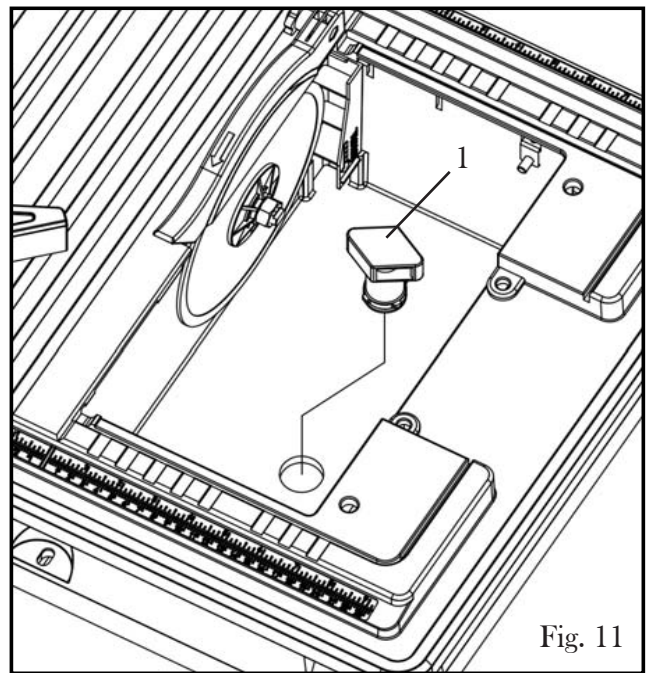
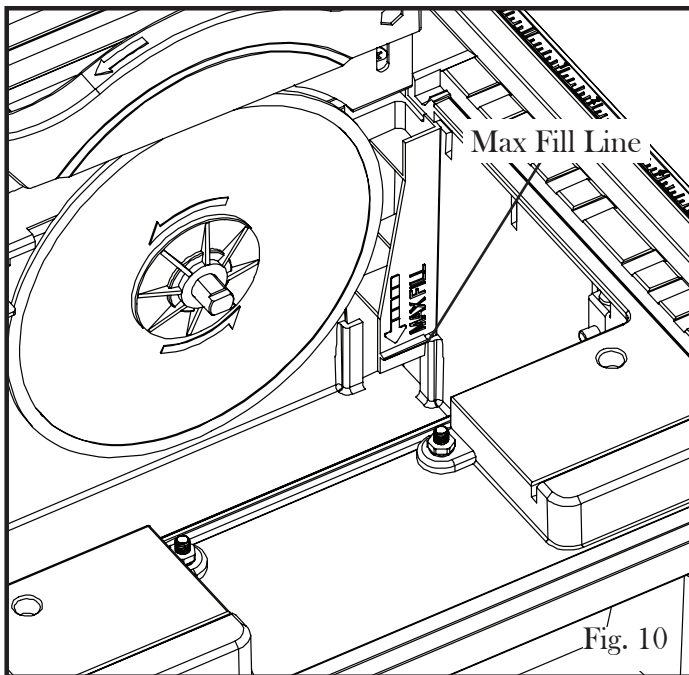
WARNING: To prevent serious injury from accidental operation, make sure the power cord is disconnected from the power source and the tool is switch to OFF before assembly or making any adjustments.

FILLING/EMPTYING THE WATER RESERVOIR (Figs. 10 & 11)

1. Remove the bevel table to access the water reservoir. Push down firmly on the water drain plug (Fig. 11 - 1) to avoid water from leaking out.
2. Fill the water reservoir with water up to the maximum fill line marked on the inside of the reservoir (Fig. 10). Do not add chemicals or detergents to the water.

To empty the reservoir water:

1. After operation, turn off the tool and disconnect the power supply. Place the water reservoir drain hole over a container large enough to hold the water. Pull out the water drain plug (Fig. 11 - 1) and drain the waste water. Do not allow water to splash onto the ground or around machine. Discard waste water in accordance with local regulations.
2. Clean the water reservoir after each use to avoid build-up.



CAUTION: Do not operate the tile saw with too little or too much water in the water reservoir. Make sure there is enough water to cool the cutting wheel as it rotates.

OPERATION



WARNING: To prevent serious injury, make sure all the warnings and instructions have been read and understood before operating this tool.

PREPARING FOR OPERATION

1. Before each use, inspect the general condition of the tool. Do not operate if any portion of the tool, power switch, power cord, or cutting wheel is damaged, inoperable, or altered. Any issues with the tool should be repaired or replaced before use.
2. Make sure that the tile saw is securely placed on a firm, level surface.
3. Check that all parts of the machine are properly assembled and all safety guards are in place.
4. Refer to “Positioning of the Tile Saw” on page 10 to arrange the power cord with enough length to create a “drip loop” to reduce the risk of electric shock.
5. Check that the water is filled up to the maximum water line marked on the inside of the tank (Fig. 10, p. 14).

OPERATING THE TILE SAW

1. Plug the power cord into the power supply.
2. Make sure the workpiece is not contacting the cutting wheel during startup. Push the power switch to ON, and the machine will start. Allow the wheel to reach full speed before performing any cutting operations.
3. To switch off the machine, push the power switch to OFF. The wheel will continue to rotate for a few seconds after the machine has been switched off. Wait for the wheel to stop completely before removing the workpiece or making any adjustments.
4. After use, turn off the tool and disconnect the power supply. Place the water reservoir drain hole over a container large enough to hold the water. Pull out the tank drain plug and drain the water. Clean the water reservoir.



WARNING: Stop the machine immediately if there is excessive vibration or any other abnormal feedback (vibrations, noises, etc.). Have the machine checked by a qualified technician before operation.

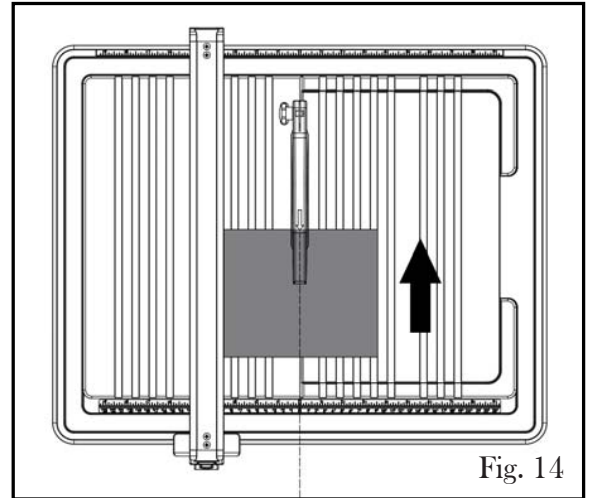
Refer to the instructions on the following pages for making specific types of cuts.

OPERATION

MAKING A CROSS CUT (Fig. 14)

Cross cuts are straight cuts, where the material is fed into the cutting wheel cut at a 90° angle. The width of the tile should be shorter than 18 inches.

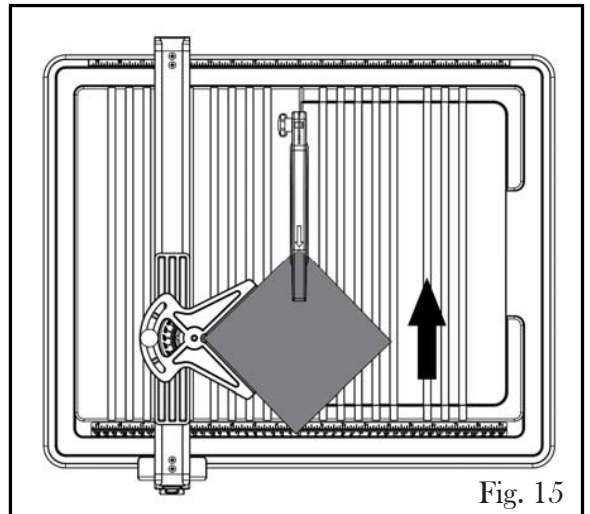
1. Using a marker or grease pencil, mark the line of cut on the tile.
2. Position the rip guide at the desired cutting width from the cutting wheel and securely lock the lever.
3. Place the tile on the table and seat it firmly against the rip guide. Make sure the material is clear of the cutting wheel before turning on the saw.
4. Turn the power switch to the ON position. Let the cutting wheel build up to full speed and wait for the wheel to get wet feeding the material into the cutting wheel.
5. Hold the material firmly against the rip guide and feed the material into the cutting wheel in a smooth motion (Fig. 14). Hold down on the edges of the tile to prevent the tile from lifting during the cut.
6. When the cut is completed, turn the saw OFF. Wait for the cutting wheel to come to a complete stop before removing any part of the tile.



MAKING A MITER CUT (Fig. 15)

The tile can be cut at a miter angle from 0 to 45 degrees, by setting the miter guide. The width of the tile should be shorter than 12 inches.

1. Using a marker or grease pencil, mark the line of cut on the tile.
2. Install the miter guide on top of the rip guide. Adjust the miter guide to the desired miter angle using angle scale and securely tighten the lock knob.
3. Position the rip guide the desired distance from the cutting wheel and securely lock the rip guide lever.
4. Place the tile on the table and with the corner held firmly inside the miter guide. Make sure the material is clear of the cutting wheel before turning on the saw.
5. Turn the power switch to the ON position. Let the cutting wheel build up to full speed and wait for the wheel to get wet feeding the material into the cutting wheel.
6. Hold the tile firmly against the miter guide and rip guide, and feed the material into the cutting wheel in a smooth motion (Fig. 15). Hold down on the edges of the tile to prevent the tile from lifting during the cut.
7. When the cut is finished, turn the saw OFF. Wait for the cutting wheel to come to a complete stop before removing any part of the material.



OPERATION

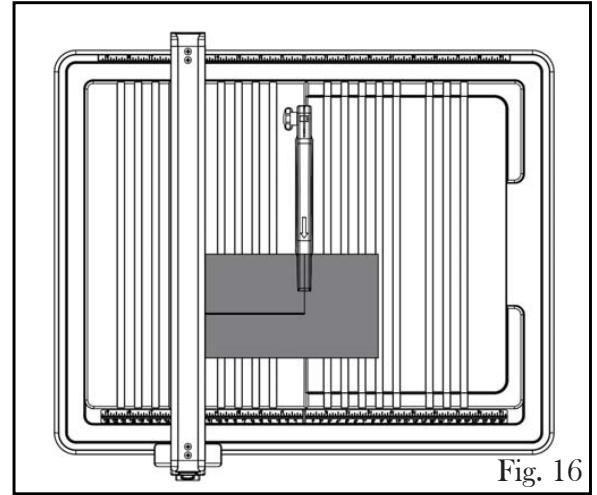


WARNING: To prevent serious injury, make sure all the warnings and instructions have been read and understood before operating this tool.

MAKING AN L-CUT (Fig. 16)

L-cuts are used to remove a piece of tile so that it can fit in a corner or around a cabinet.

1. Using a marker or grease pencil, mark the line of cut on the tile.
2. Position the rip guide at the desired cutting width from the cutting wheel and securely lock the lever.
3. Place the tile on the table and seat it firmly against the rip guide. Make sure the material is clear of the cutting wheel before turning on the saw.
4. Turn the power switch to the ON position. Let the cutting wheel build up to full speed and wait for the wheel to get wet feeding the material into the cutting wheel.
5. Hold the material firmly against the rip guide and feed the material into the cutting wheel in a smooth motion. Make the cut far enough into the material without over-cutting (Fig. 16).
6. Slide the material back and away from the cutting wheel. Adjust the material, adjust the rip guide, and make the second cut. This time, over-cut the line and the workpiece should separate from the rest of the material.
7. When the cut is finished, turn the saw OFF. Wait for the cutting wheel to come to a complete stop before removing any part of the tile.

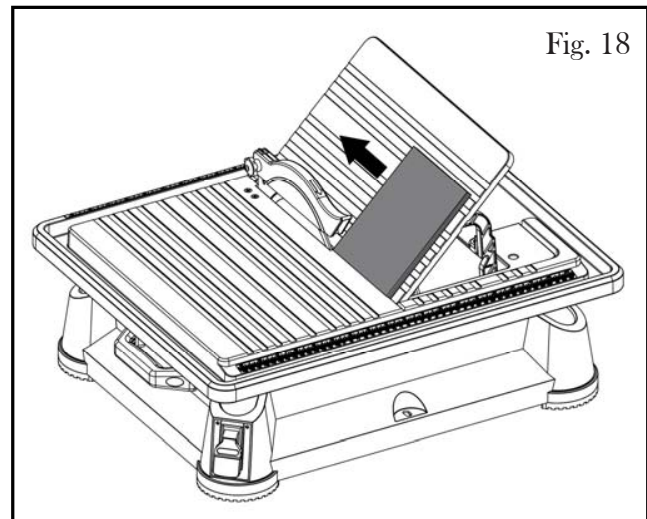
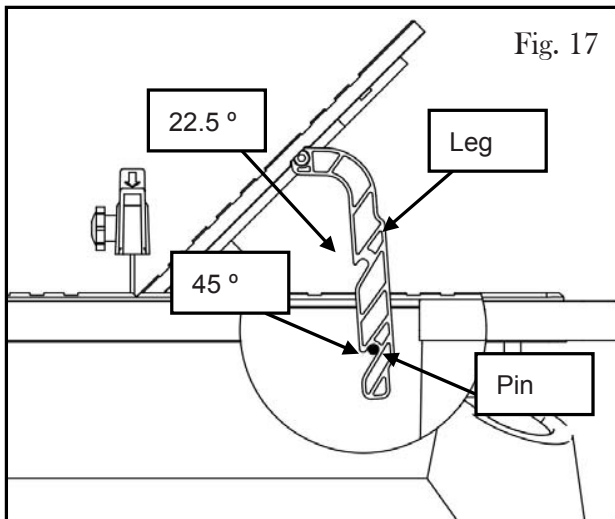


OPERATION

MAKING A BEVEL CUT (Fig. 17)

The bevel table can be set to 22.5° and 45° angles for bevel cuts. Internal or external bevel cuts can be made by turning the tile face up or face down.

1. Using a marker or grease pencil, mark the line of cut on the tile.
2. Remove the rip guide.
3. Tilt the bevel table. Set the bevel table to 22.5° or 45° by locating the two locking pins into the corresponding positioning grooves (Fig. 17). Make sure bevel table is locked firmly in place before beginning cut.
4. Place the tile on the table and firmly against the inner edge of the bevel table. Make sure the material is clear of the cutting wheel before turning on the saw.
5. Turn the power switch to the ON position. Let the cutting wheel build up to full speed and wait for the wheel to get wet feeding the material into the cutting wheel.
6. Hold the material firmly against the inner edge of the bevel table and feed the material into the cutting wheel in a smooth motion (Fig. 14). Hold down on the edges of the tile to prevent the tile from lifting during the cut.
7. When the cut is completed, turn the saw OFF. Wait for the cutting wheel to come to a complete stop before removing any part of the tile.



MAINTENANCE



WARNING: To prevent serious injury from accidental operation, make sure that the saw is turned off and unplugged from power source before installation, cleaning and maintenance operations.

CLEANING

1. After every use, unplug the saw and remove the guides and bevel table from the saw.
2. Using a clean cloth or soft brush, clean each piece thoroughly and remove any trapped debris.
3. Remove the water drain plug and empty waste water into a bucket. Do not allow the water to splash onto the ground or around the machine.
4. Rinse the machine thoroughly. Do not allow water to enter the electronic parts. Discard the waste water in accordance with local regulations.
5. Dry off the tool.



WARNING: Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents. 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.

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.

CUTTING WHEEL

1. Keep cutting wheels in good condition. Worn wheels or wheels in poor condition should be replaced before operation. Replacement cutting wheels can be purchased from wenproducts.com by searching the part number 71707B.
2. Apart from installing and replacing the diamond wheels, there are no other user serviceable parts inside this tile saw. Repairs and replacements should only be performed by authorized personnel.

STORAGE

Store the unit and accessories in a dark, dry, frost-free and well ventilated place, out of the reach of children. The ideal storage temperature is between 40 to 86°F (5 and 30°C).

PRODUCT DISPOSAL

Used power tools should not be disposed of together with household waste. This product contains electronic components that should be recycled. Please take this product to your local recycling facility for responsible disposal and to minimize its environmental impact.

TROUBLESHOOTING GUIDE



WARNING: Stop using the tool immediately if any of the following problems occur or risk serious personal injury. Repairs and replacements should only be performed by authorized personnel. If you have any questions, please contact our customer service at (800) 232-1195, M-F 8-5 CST.

Problem	Possible Cause	Solution
Tool will not start	<ol style="list-style-type: none"> 1. No power 2. Internal damage or wear (e.g. carbon brushes or switch) 3. Yellow switch safety key not installed 	<ol style="list-style-type: none"> 1. Check power cord, power plug, power outlet and fuse. Any damage in the power supply should be service only by a qualified technician. 2. Have a qualified technician service the tool. 3. Install the yellow safety key.
Motor runs, but cutting wheel remains still when subject to load	The arbor nut (Part No. 71707-055) is loose	Check that the flange is seated correctly on both sides of the blade and tighten the arbor nut.
Excessive vibration	<ol style="list-style-type: none"> 1. Cutting wheel warped or unbalanced 2. Cutting wheel fitted incorrectly 	<ol style="list-style-type: none"> 1. Replace the cutting wheel. 2. Fit the cutting wheel correctly according to instructions on page 11.
Cutting wheel is discolored	<ol style="list-style-type: none"> 1. Insufficient cooling water 2. Lateral friction caused by cut runout 	<ol style="list-style-type: none"> 1. Fill the water reservoir with water up to the maximum fill line. 2. Guide the workpiece through the cutting wheel slower.

LIMITED TWO YEAR WARRANTY

WEN Products is committed to build tools that are dependable for years. Our warranties are consistent with this commitment and our dedication to quality.

LIMITED WARRANTY OF WEN CONSUMER POWER TOOLS PRODUCTS FOR HOME USE
GREAT LAKES TECHNOLOGIES, LLC (“Seller”) warrants to the original purchaser only, that all WEN consumer power tools will be free from defects in material or workmanship for a period of two (2) years from date of purchase. Ninety days for all WEN products, if the tool is used for professional use.

SELLER’S SOLE OBLIGATION AND YOUR EXCLUSIVE REMEDY under this Limited Warranty and, to the extent permitted by law, any warranty or condition implied by law, shall be the repair or replacement of parts, without charge, which are defective in material or workmanship and which have not been misused, carelessly handled, or misrepaired by persons other than Seller or Authorized Service Center. To make a claim under this Limited Warranty, you must make sure to keep a copy of your proof of purchase that clearly defines the Date of Purchase (month and year) and the Place of Purchase. Place of purchase must be a direct vendor of Great Lakes Technologies, LLC. Third party vendors such as garage sales, pawn shops, resale shops, or any other secondhand merchant void the warranty included with this product. Contact techsupport@wenproducts.com or 1-800-232-1195 M-F 8-5 CST to make arrangements for repairs and transportation.

When returning a product for warranty service, the shipping charges must be prepaid by the purchaser. The product must be shipped in its original container (or an equivalent), properly packed to withstand the hazards of shipment. The product must be fully insured with a copy of the warranty card and/or the proof of purchase enclosed. There must also be a description of the problem in order to help our repairs department diagnose and fix the issue. Repairs will be made and the product will be returned and shipped back to the purchaser at no charge.

THIS LIMITED WARRANTY DOES NOT APPLY TO ACCESSORY ITEMS THAT WEAR OUT FROM REGULAR USAGE OVER TIME INCLUDING BELTS, BRUSHES, BLADES, ETC.

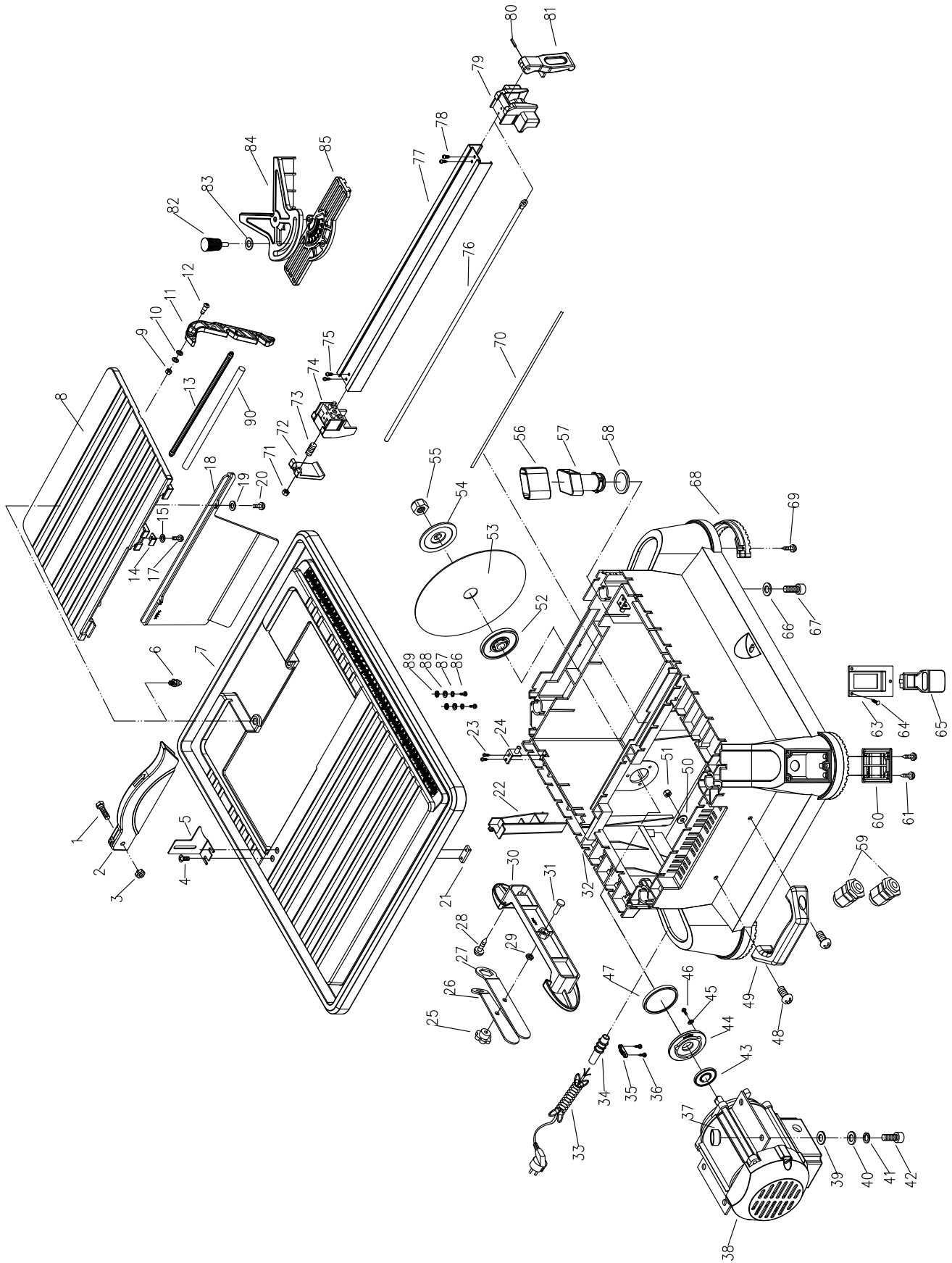
ANY IMPLIED WARRANTIES SHALL BE LIMITED IN DURATION TO TWO (2) YEARS FROM DATE OF PURCHASE. SOME STATES IN THE U.S., SOME CANADIAN PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

IN NO EVENT SHALL SELLER BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING BUT NOT LIMITED TO LIABILITY FOR LOSS OF PROFITS) ARISING FROM THE SALE OR USE OF THIS PRODUCT. SOME STATES IN THE U.S. AND SOME CANADIAN PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE IN THE U.S., PROVINCE TO PROVINCE IN CANADA AND FROM COUNTRY TO COUNTRY.

THIS LIMITED WARRANTY APPLIES ONLY TO PORTABLE ELECTRIC TOOLS, BENCH POWER TOOLS, OUTDOOR POWER EQUIPMENT AND PNEUMATIC TOOLS SOLD WITHIN THE UNITED STATES OF AMERICA, CANADA AND THE COMMONWEALTH OF PUERTO RICO. FOR WARRANTY COVERAGE WITHIN OTHER COUNTRIES, CONTACT THE WEN CUSTOMER SUPPORT LINE.

EXPLODED VIEW & PARTS LIST



EXPLODED VIEW & PARTS LIST

No.	Part No.	Description	Qty.
1	71707-001	M6-10X25mm Hex Head Bolt	1
2	71707-002	Blade Guard	1
3	71707-003	Knob	1
4	71707-004	M5-0.8X16mm Flat Head Screw	2
5	71707-005	Blade Guard Bracket	1
6	71707-006	Rubber Pin	2
7	71707-007	Table	1
8	71707-008	Bevel Table	1
9	71707-009	M4-0.7mm Lock Nut	2
10	71707-010	4mm Serrated Washer	2
11	71707-011	Bevel Table Leg	2
12	71707-012	Screw	2
13	71707-013	Leg Connector	1
14	71707-014	Hook	1
15	71707-015	4mm Flat Washer	2
17	71707-017	M4-0.7X8mm Pan Head Screw	2
18	71707-018	Baffle Plate	1
19	71707-019	4mm Flat Washer	3
20	71707-020	M4-0.7X8mm Pan Head Screw	3
21	71707-021	Locking Plate	1
22	71707-022	Baffle	1
23	71707-023	Thread Forming Screw	4
24	71707-024	Leg Supporting Pin	2
25	71707-025	Knob	1
26	71707-026	Small Wrench	1
27	71707-027	Big Wrench	1
28	71707-028	Thread Forming Screw	4
29	71707-029	6mm Hex Nut	1
30	71707-030	Cord Storage	1
31	71707-031	M6-1.0X25mm Pan Head Screw	1
32	71707-032	Base	1
33	71707-033	Power Cord	1
34	71707-034	Bushing	1
35	71707-035	Cord Clamp	1
36	71707-036	Thread Forming Screw	2
37	71707-037	Rubber Bushing	4
38	71707-038	Motor	1
39	71707-039	Rubber Washer	4
40	71707-040	8mm Flat Washer	4
41	71707-041	8mm Lock Washer	4
42	71707-042	M8-1.25X20mm Socket Head Screw	4
43	71707-043	Rubber Ring	1

No.	Part No.	Description	Qty.
44	71707-044	Seal Collar	1
45	71707-045	Flat Washer	3
46	71707-046	Thread Forming Screw	3
47	71707-047	O-Ring	1
48	71707-048	M6-1.0X20mm Pan Head Screw	2
49	71707-049	Lifting Handle	1
50	71707-050	6mm Flat Washer	2
51	71707-051	6mm Lock Nut	2
52	71707-052	Inner Flange	1
53	71707B	Cutting Wheel	1
54	71707-054	Outer Flange	1
55	71707-055	Arbor Nut	1
56	71707-056	Cap	1
57	71707-057	Overflow Drain	1
58	71707-058	O-Ring	1
59	71707-059	Strain Relief	2
60	71707-060	Cover	1
61	71707-061	Thread Forming Screw	4
63	71707-063	Switch Plate	1
64	71707-064	Thread Forming Screw	3
65	71707-065	Switch	1
66	71707-066	Flat Washer	4
67	71707-067	Socket Head Screw	4
68	71707-068	Foot	4
69	71707-069	Thread Forming Screw	12
70	71707-070	Seal Strip	1
71	71707-071	6mm Lock Nut	1
72	71707-072	Locking Plate	1
73	71707-073	Spring	1
74	71707-074	Back Support Block	1
75	71707-075	Thread Forming Screw	2
76	71707-076	Rod	1
77	71707-077	Rip Guide	1
78	71707-078	Thread Forming Screw	2
79	71707-079	Front Support Bracket	1
80	71707-080	Pin	1
81	71707-081	Locking Lever	1
82	71707-082	Knob	1
83	71707-083	Washer	1
84	71707-084	Miter Guide	1
85	71707-085	Miter Guide Sliding Base	1
86	71707-086	M4-0.7mmx10 Pan Head Screw	2
87	71707-087	4mm Lock Washer	2
88	71707-088	4mm Flat Washer	2
89	71707-089	4mm Serrated Washer	2
90	71707-090	Metal Sheath	1

**THANKS FOR
REMEMBERING**

