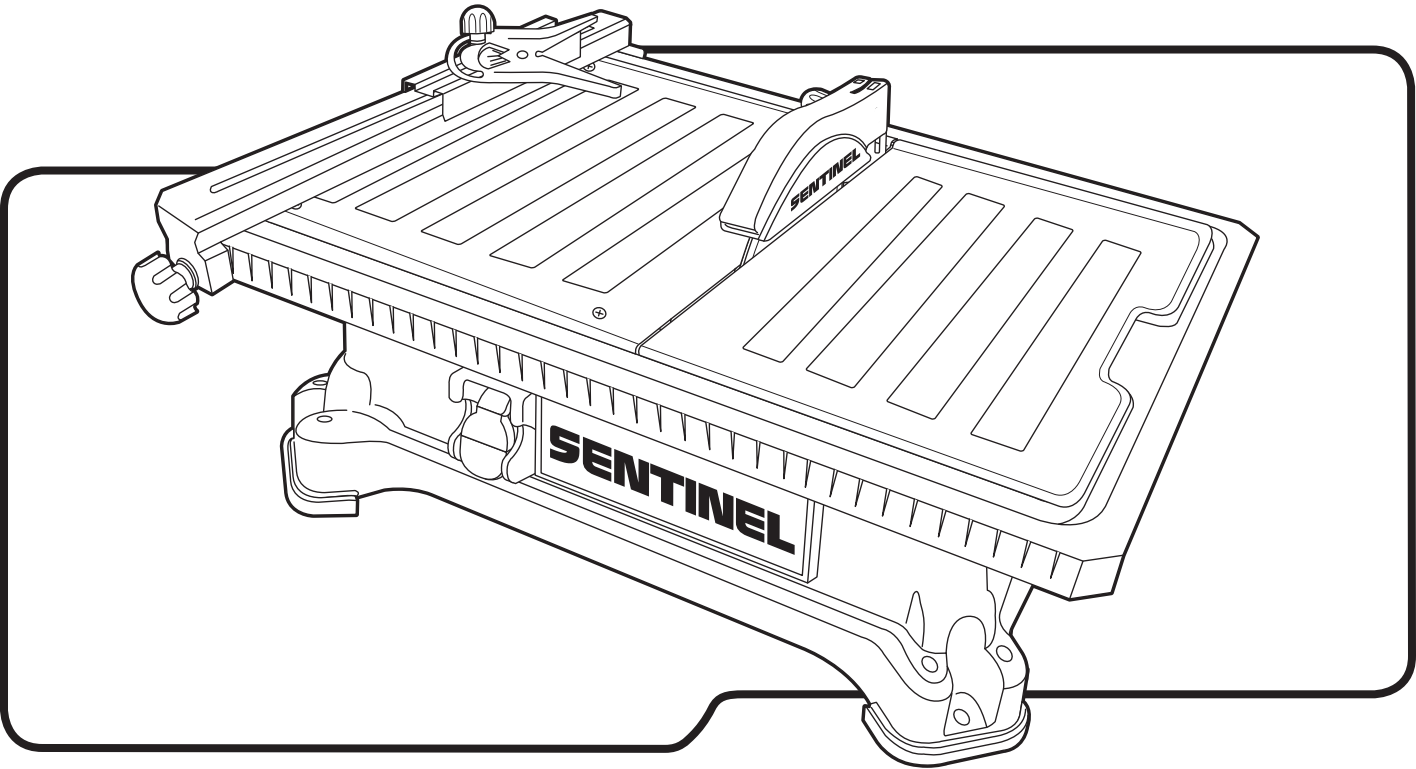




7" Job Site Wet Tile Saw



You will need this manual for safety instructions, operating procedures, and warranty. Put it and the original sales invoice in a safe, dry place for future reference.

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Horsepower	3/4
Voltage	120
Amp	4.8
Hertz	60
Phase	Single
RPM	3450
Cutting Wheel Diameter	7"
Rip Capacity (tile size)	18"
Diagonal capacity (tile size)	12"
Maximum Depth of Cut	1-3/8"
Stainless Steel Cutting Surface	19-7/8" x 15"
Overall Dimensions	22-5/8" x 17-5/8" x 6-7/8"
Net Weight	22.93 lb

CUTTING WHEEL

The use of the provided 7" cutting wheel is recommended for maximum performance and safety. Additional cutting wheels of the same high quality are available at your local dealer.

WARNING

Do not use cutting wheels rated less than 3450 RPM. Failure to heed this warning could result in personal injury. Only use continuous rim wheels, do not use serrated or tooth edged wheels. Do not use wheel with cracks.

GENERAL SAFETY RULES



1

WARNING

For your own safety, read and understand all warnings and operating instructions before using any tool or equipment.

WARNING

Some dust created by operation of power tool contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. To reduce your exposure to these chemicals, work in a well ventilated area and work with approved safety equipment. Always wear OSHA/NIOSH approved, properly fitting face mask or respirator when using such tools.

WARNING

Failure to follow these rules may result in serious personal injury. Remember that being careless for even a fraction of a second can result in severe personal injury.

WORK PREPARATION

- Wear proper apparel. Do not wear loose clothing, gloves, neckties, rings, bracelets or other jewelry which may get caught in moving parts of the tool.
- Non-slip protective footwear is recommended. Wear protective hair covering to contain long hair.
- Wear eye and hearing protection. Always use safety glasses. Eye protection equipment should comply with ANSI Z87.1 standards. Hearing equipment should comply with ANSI S3.19 standards.
- Wear face mask or dust mask if operation is dusty.
- Be alert and think clearly. Never operate power tools when tired, intoxicated or when taking medications that cause drowsiness.

WORK AREA PREPARATION

- Keep work area clean. Cluttered work areas and benches invite accidents.
- Work area should be properly lighted.
- Do not use the machine in a dangerous environment. The use of power tools in damp or wet locations or in rain can cause shock or electrocution.
- Never use in an explosive atmosphere. Normal sparking of the motor could ignite fumes.
- Ground all tools. Three-prong plug should be plugged directly into properly grounded, three-prong receptacle.
- Check with a qualified electrician or service personnel if the grounding instructions are not completely understood or if in doubt as to whether the tool is properly grounded.
- Do not modify the plug provided. If it will not fit the outlet, have the proper outlet installed by a qualified electrician.
- Use the proper extension cord. Make sure your extension cord is in good condition. It should have grounding prong and should be of the correct gauge. Inspect extension cords periodically and replace if damaged.

- Keep children and visitors away. Your shop is a potentially dangerous environment. Children and visitors can be injured.
- Make your workshop childproof with padlocks, master switches or remove switch keys to prevent any unintentional use of power tools.

TOOL MAINTENANCE

- Turn the machine "OFF", and disconnect the machine from the power source prior to inspection.
- Maintain all tools and machines in peak condition. Keep tools sharp and clean for best and safest performance.
- Follow instructions for lubricating and changing accessories.
- Check for damaged parts. Check for alignment of moving parts, binding, breakage, mounting and any other condition that may affect tool's operation.
- If the power supply cord is damaged, it must be replaced only by the manufacturer or by an authorized service center to avoid risk.
- Poorly maintained tools and machines can further damage the tool or machine and/or cause injury.
- A guard or any other part that is damaged should be repaired or replaced. Do not perform makeshift repairs.
- When servicing use only identical replacement parts. Use of any other parts may create a hazard or cause product damage.

TOOL OPERATION

- Avoid accidental start-up. Make sure that the tool is in the "OFF" position before plugging in.
- Do not use tool if switch does not turn it on and off. Have defective switches replaced.
- Use the right tool for your job. Do not force your tool or attachment to do a job for which it was not designed.
- Don't force the workpiece on the machine. Damage to the machine and/or injury may result.
- Stay alert and exercise control. Watch what you are doing and use common sense. Do not operate tool when you are tired. Do not rush.
- Disconnect saw before servicing, when changing cutting wheels and cleaning.
- Never leave tool running unattended. Turn the power off, allow the wheel to come to a complete stop and remove the switch key before leaving the tool.
- Do not overreach. Loss of balance can make you fall into a working machine, causing injury.
- Never stand or have any part of your body in line with the path of the wheel.
- Know your tool. Learn the tool's operation, application and specific limitations before using it.
- Keep hands away from cutting area. Keep hands away from wheels. Do not reach underneath work or around or over the wheel while wheel is rotating. Do not attempt to remove cut material when wheel is moving. Wheel coasts after being turned off.



1



GENERAL SAFETY RULES (continued)

- Use only correct wheels. Do not use wheels with incorrect size holes. Never use washers or arbor nuts that are defective or incorrect. The maximum wheel capacity of this saw is 7" (178 mm).
- Always use the splash hood.
- Never touch wheel or other moving parts during use.
- Never start tool with wheel in contact with the workpiece.
- Use only recommended accessories.
- Make sure wheel is tight and not making contact with saw or workpiece before connecting to power supply.
- Always hold workpiece firmly against the rip guide, miter guide or bevel table.
- Never attempt to free a stalled wheel without first turning the saw OFF and disconnecting the saw from the power source.
- Avoid awkward operations and hand positions where a sudden slip could cause your hand to move into the cutting wheel.

CAUTION

Think safety! Safety is a combination of operator common sense and alertness at all times when tool is being used.

WARNING

Do not attempt to operate tool until it is completely assembled according to the instructions.

**SAVE ALL WARNINGS AND INSTRUCTIONS
FOR FUTURE REFERENCE**

UNPACKING

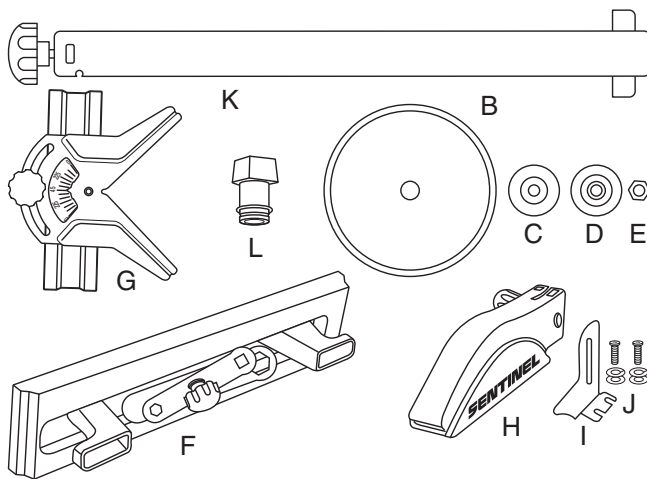
Refer to Figure 1.

Check for shipping damage. Check immediately whether all parts and accessories are included. If anything is missing, or broken, contact your retailer.

The saw comes assembled as one unit. Additional parts which need to be fastened to saw, should be located and accounted for before assembling.

ITEM	DESCRIPTION	QTY
A	Tile Saw (Not Shown)	1
B	7" Cutting Wheel	1
C	Inner Wheel Washer (wheel assembly)	1
D	Outer Wheel Washer (wheel assembly)	1
E	Arbor Nut (wheel assembly)	1
F	Cord Retainer with Arbor and Hex Wrench attached	1
G	Miter Guide	1
H	Splash Guard	1
I	Splash Guard Bracket	1
J	Screws/Nuts (splash guard assembly)	2/4
K	Rip Guide	1
L	Drain Plug	1

Figure 1



⚠ WARNING

Do not use the machine until it is completely assembled and you have read and understood the entire operating manual. **Failure to comply could result in accidental starting and possible serious personal injury.**

TOOLS NEEDED

The following tools are needed to assemble and adjust the tile saw:

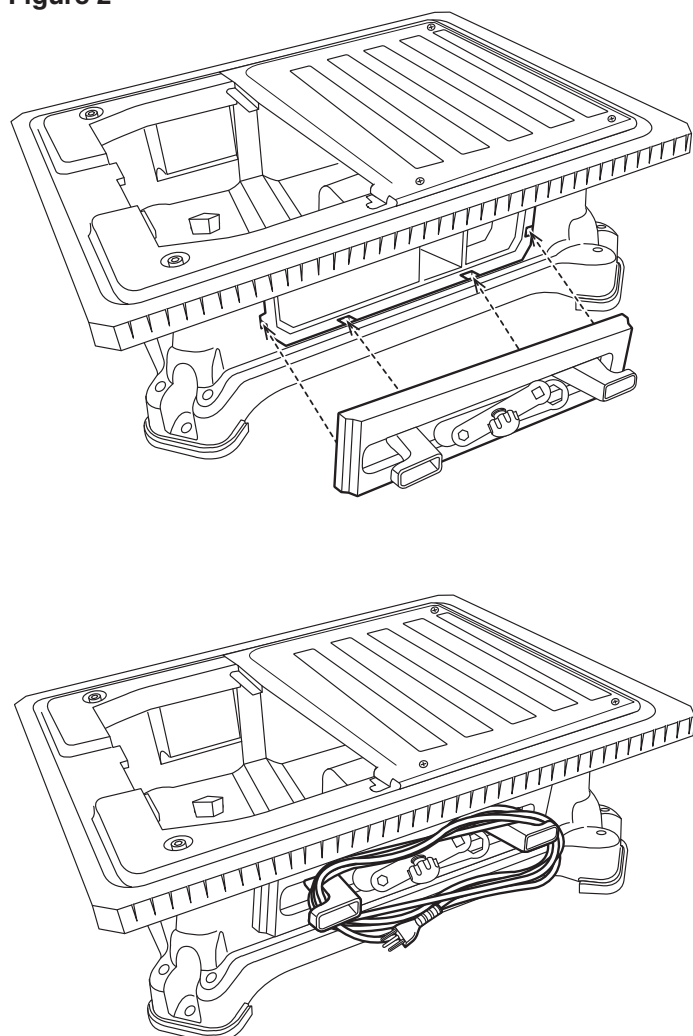
- Supplied arbor and hex wrenches (Shipped stored on the cord retainer)
- Phillips screwdriver (not included)
- Square (not included)

TO INSTALL CORD RETAINER

See Figure 2

1. Snap the cord retainer (with arbor/hex wrenches) into the opening on the rear of the saw.
2. Wrap the power cord around the cord wrap as shown.

Figure 2



CUTTING WHEEL ASSEMBLY

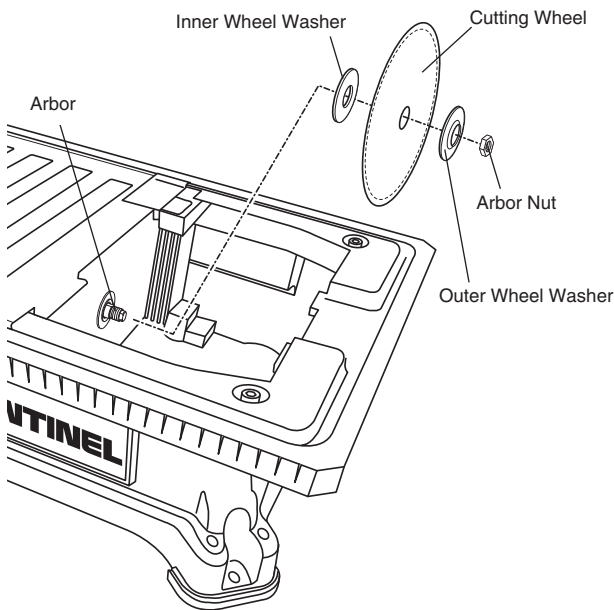
Refer to Figure 3

WARNING

To prevent serious personal injury. The maximum wheel capacity for this saw is 7". Do not use wheels larger or smaller than those which are recommended. Only use continuous rim wheels, do not use serrated or tooth edged wheels. Replace damaged cutting wheel before operating.

1. Remove bevel table. **NOTE:** The folded legs located on the underside of the bevel table may come loose during shipping, if this happens snap them back into the underside of the bevel table while lifting the bevel table from the top of the saw.
2. Slide inner wheel washer onto arbor.
3. Place the cutting wheel onto the arbor.
4. Place outer wheel washer onto arbor. The double "D" flats on the wheel washers align with the flats on the spindle.
5. Install arbor nut onto arbor. Place the hex wrench onto the arbor nut and the arbor wrench onto the arbor, while holding the arbor in place tightening the arbor nut securely.
6. Replace bevel table.

Figure 3



To Remove Cutting Wheel

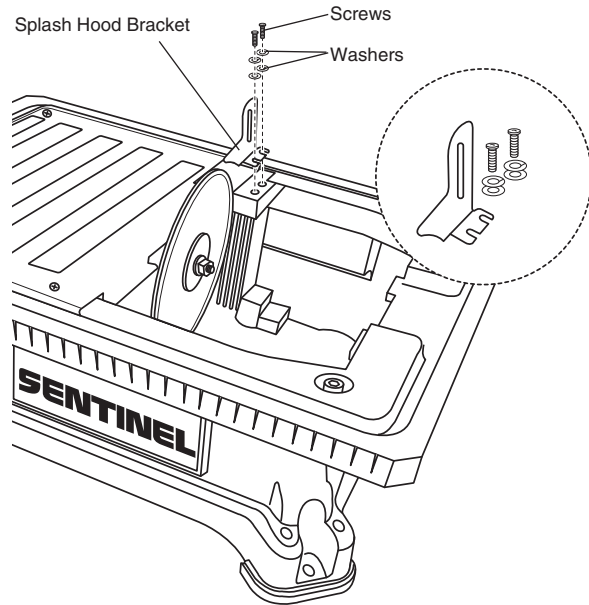
1. Remove bevel table.
2. Place the hex wrench over the arbor nut and the arbor wrench onto arbor.
3. Hold arbor wrench firmly to prevent the wheel from moving and turn the arbor nut counterclockwise with the hex wrench to loosen.
4. Remove arbor nut, outer wheel washer and cutting wheel.

TO INSTALL SPLASH HOOD

Refer to Figure 4

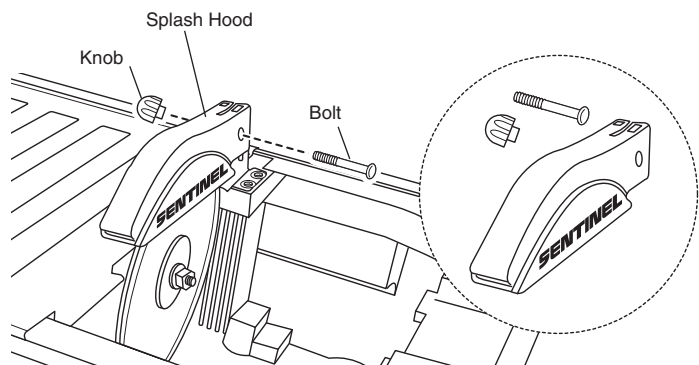
1. Remove bevel table.
2. Place the L-shaped splash hood bracket into the recess on the table located behind the wheel. Attach with the supplied washers and screws. **DO NOT** tighten screws at this time.

Figure 4A



3. Align splash hood bracket with cutting wheel. Once aligned tighten the screws.
4. Remove the bolt and knob from the splash hood.
5. Align splash hood with wheel and slide over bracket. Insert bolt through splash hood and splash hood bracket. Install knob and loosely tighten.
6. Adjust splash hood horizontally to table and slightly above tile thickness. Hood should not be touching tile. Fully tighten knob when splash hood is adjusted.
7. Replace bevel table.

Figure 4B

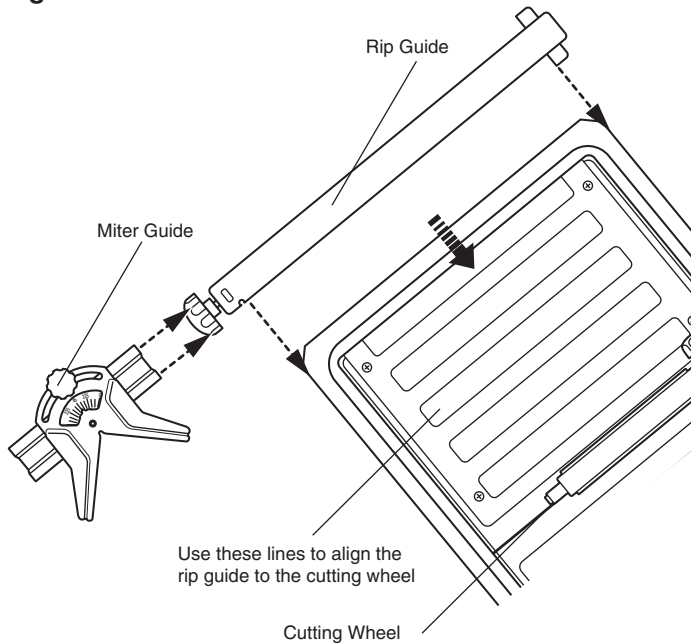


TO INSTALL THE RIP GUIDE

See Figure 5 and 13A

1. Loosen knob on rip guide by turning it counterclockwise.
NOTE: If using the miter guide install it now.
2. Slide rip guide onto side of table. Use the lines on the top of the table or a square to align rip guide to the blade, see Figure 13A.
3. Turn rip guide knob clockwise to tighten securely.

Figure 5



TO INSTALL THE MITER GUIDE

See Figure 5

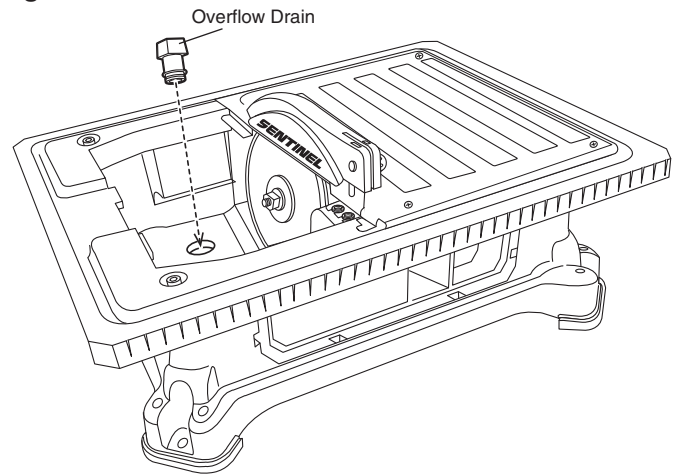
1. Loosen rip guide knob and removed rip guide from table and then slide the miter guide onto rip guide as shown.
2. Adjust rip guide to desired position and tighten rip guide knob.
3. Adjust miter guide to desired angle using angle scale and tighten miter guide knob.

TO INSTALL THE OVERFLOW DRAIN

See Figure 6

1. Remove bevel table.
2. Locate hole on bottom of water fill reservoir.
3. Push overflow drain into hole firmly.
4. Replace bevel table.

Figure 6

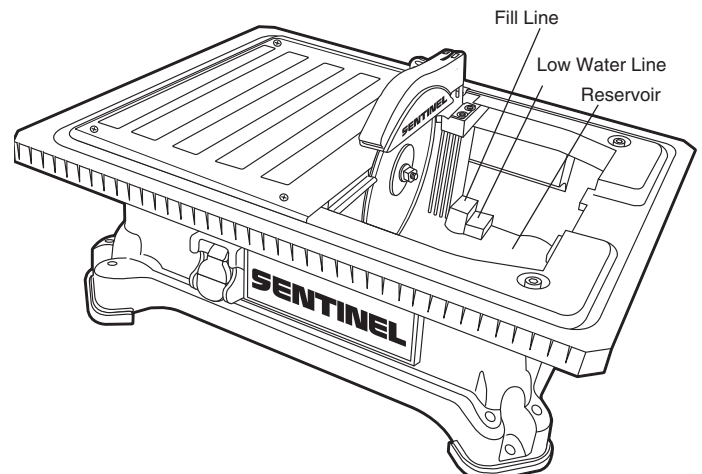


TO FILL WATER RESERVOIR

See Figure 7

1. Remove bevel table.
2. Fill water reservoir with clean tap water to fill line.
NOTE: Overflow drain prevents overfilling.
3. Replace bevel table.

Figure 7



To Drain Reservoir Water

1. Unplug tile saw.
2. Place a bucket under the overflow drain hole.
3. Remove overflow drain and empty into the bucket. **DO NOT** allow water to splash onto ground or around machine.
4. Discard waste water in accordance with local regulations.

POWER SOURCE

WARNING

Do not connect to the power source until the machine is completely assembled.

The machine is wired for 120 volts, 60 HZ alternating current. Before connecting the machine to the power source, make sure the switch is in the "OFF" position. Running the unit on voltages which are not within range may cause overheating and motor burn-out. Heavy loads require that voltage at motor terminals be no less than the voltage specified on nameplate.

- Power supply to the motor is controlled by a locking rocker switch. Remove the key to prevent unauthorized use.

NOTE: Do not operate this tool on direct current (DC). A substantial voltage drop will cause a loss of power and the motor will overheat. If the saw does not operate when plugged into an outlet, double check the power supply.

GROUNDING INSTRUCTIONS

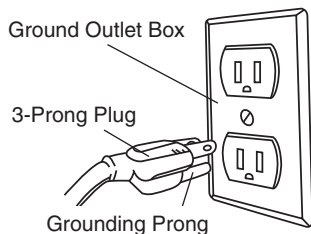
See Figure 8 and 9

WARNING

Improper connection of equipment grounding conductor can result in the risk of electrical shock.

- The machine should be grounded while in use to protect operator from electrical shock.
- In the event of an electrical short circuit, grounding reduces the risk of electrical shock by providing an escape wire for the electric current.
- This machine is equipped with an approved 3-conductor cord rated at 150V and a 3-prong grounding type plug for your protection against shock hazards.
- Grounding plug should be plugged directly into a properly installed and grounded 3-prong grounding-type receptacle, as shown in Figure 8.

Figure 8



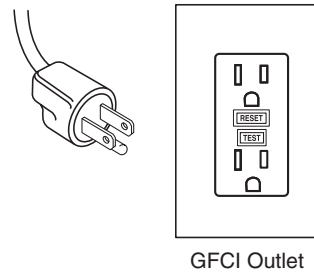
- The plug must be plugged into an outlet that is properly installed and grounded in accordance with all local codes and ordinances.
- Check with a qualified electrician or service personnel if these instructions are not completely understood or if in doubt as to whether the tool is properly grounded.
- Do not modify plug provided. If it will not fit in outlet, have proper outlet installed by a qualified electrician. Use only 3-wire extension cords, that have 3-prong grounding type plugs and matching 3-conductor receptacles that accept the machine's plug, as shown in Figure 8.

WARNING

Do not permit fingers to touch the terminals of plug when installing or removing from outlet.

- Inspect tool cords periodically, and if damaged, have repaired by an authorized service facility.
- The conductor with insulation having an outer surface that is green 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 green (or green and yellow) wire to a live terminal.
- DO NOT USE AN ADAPTER with this product.
- Ground Fault Circuit Interrupter (GFCI) protection should be provided on the circuit(s) or outlet(s) to be used for the tile saw. Outlets are available having built-in GFCI protection and may be used for this measure of safety.

Figure 9



EXTENSION CORDS

Use proper extension cords. Make sure the extension cord is in good condition. Use only 3-wire extension cords have 3-prong grounding type plugs and 3-pole receptacles which accept the tool plug. When using an extension cord, make sure to use one heavy enough to carry the current of the machine. An undersized cord will cause a drop in the voltage, resulting in loss of power and overheating. Use the table to determine the minimum wire size (A.W.G.) extension cord.

Extension Cord Length

Wire Size.....	18 A.W.G.
Up to 25 ft	

NOTE: Using extension cords over 25 ft. long is not recommended.

Use only extension cords that are intended for outdoor use. These extension cords are identified by a marking "Accept- able for use with outdoor appliances; store indoors while not in use". Use only extension cords having an electrical rating not less than the rating of the product. Do not use damaged extension cords. Examine extension cord before using and replace if damaged. Do not abuse extension cords and do not yank on any cord to disconnect. Keep cord away from heat and sharp edges. Always disconnect the extension cord from the receptacle before disconnecting the product from the extension cord.

MOTOR

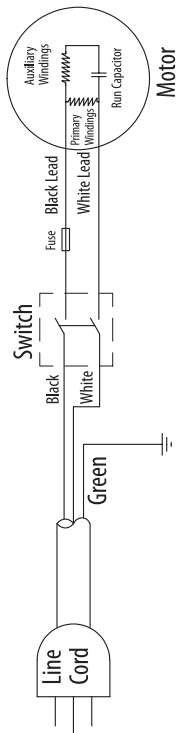
The saw is equipped with a 4.8 Amps motor. The 120 Volt motor has the following specifications:

Horsepower	3/4
Voltage	120
Amp	4.8
Hertz	60
Phase	Single
RPM.....	3450

ELECTRICAL CONNECTIONS

- Turn the switch off and disconnect the machine from power source before performing any repair or maintenance work.
- Some electrical wiring and connection work must be performed by a qualified electrician in accordance with local regulations.
- Scheme of the motor and electric wiring inside this machine is shown in Figure 10.
- There is a green grounding wire fastened to the frame of the machine to provide shock protection. Do not disconnect the grounding wire from the frame.
- The motor is rated for use at 120 Volts.
- Connect this machine to 3-conductor power outlet with appropriate rating only.
- Use only 3-pronged extension power cord with appropriate rating with this machine.
- When changing the power cord, use only 3-pronged power cord with appropriate rating.
- The power switch is a single pole rocker switch with locking mechanism. Remove the key when not in use to prevent accidents.

Figure 10



POSITION OF THE TILE SAW

See Figure 11

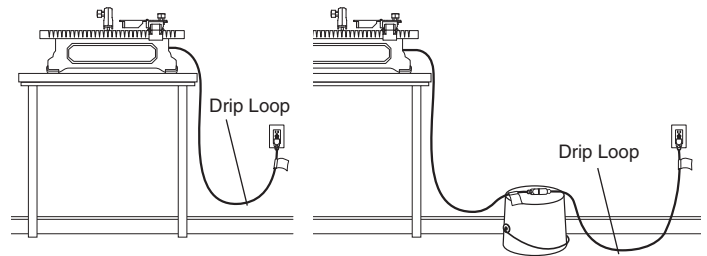
Position tile saw to one side of a wall-mounted outlet to prevent water from dripping onto the outlet or plug. The operator should arrange a “drip loop” in the cord connecting the saw to the outlet. The “drip loop” is the part of the cord below the level of the outlet, or the connector if an extension cord is used, to prevent water traveling along the cord and coming in contact with the outlet.

If the plug or outlet does get wet, DO NOT unplug the cord. Disconnect the fuse or circuit breaker that supplies power to the tool then unplug and examine for the presence of water in the outlet.

WARNING

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

Figure 11





OPERATION

WARNING

Do not allow familiarity with tools to make you careless. Remember that a careless fraction of a second is sufficient to inflict serious injury.

USE

This saw is designed to cut man made tiles, pavers, natural stone products and stone tile products **ONLY**. Straight line cutting operations such as cross cutting, mitering, ripping, and beveling can be made by this saw.

ON/OFF SWITCH

Refer to Figure 12

The keyed switch is intended to prevent unauthorized use of the saw.

1. To turn the saw on, insert the yellow key into the key slot in the center of the switch. Push the key firmly into the slot and then pull the ON/OFF switch out to the ON position.
2. To turn the saw off push the ON/OFF switch in to the OFF position.
3. Remove the yellow switch key, when the saw has come to a complete stop, by gently pulling it outward.

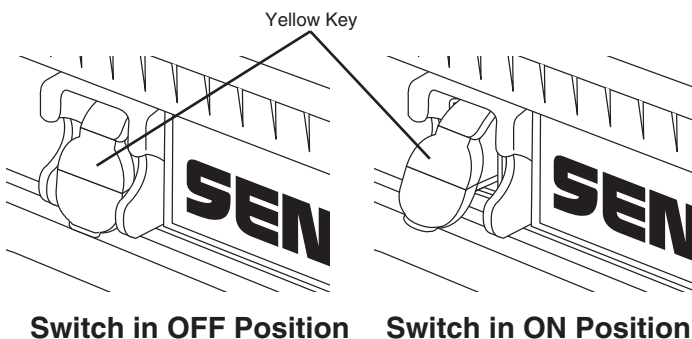
WARNING

Remove the switch key whenever the saw is not in use. Place it in a safe place and out of reach of children.

WARNING

ALWAYS lock the switch OFF when the saw is not in use. Remove the key and keep it in a safe place. In the event of power failure, blown fuse, or tripped circuit breaker, turn the switch OFF and remove the key, preventing accidental startup when power comes on.

Figure 12



TOOL PLACEMENT

Place the tool on a stable, level surface.

NOTE: Holes in the feet are available for bench mounting.

USING THE RIP GUIDE AND MITER GUIDE

See Figure 13

The rip guide can be used from both the left and right side of the cutting wheel. Install the rip guide and miter guide, see **To Install the Rip Guide**.

1. Turn knob on rip guide counterclockwise to loosen.
2. Adjust the rip guide to the desired position. Use the lines on the top of the table or a square to align rip guide to the blade.
3. Rotate the knob, clockwise to tighten securely. To adjust angles:
 - Slide miter guide onto rip guide from the front.
 - Adjust rip guide to desired position and secure tightly.
 - Adjust to desired angle using angle scale and tighten securely with miter guide knob.

Figure 13A

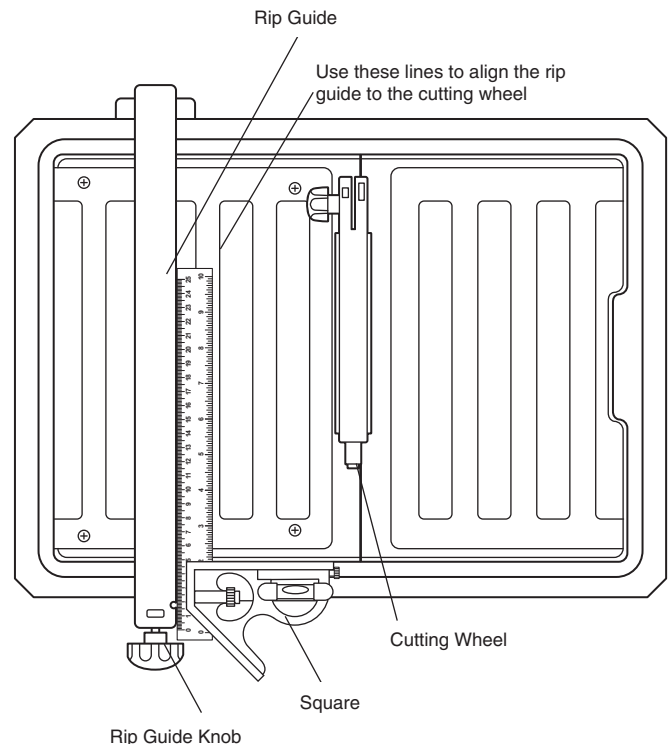
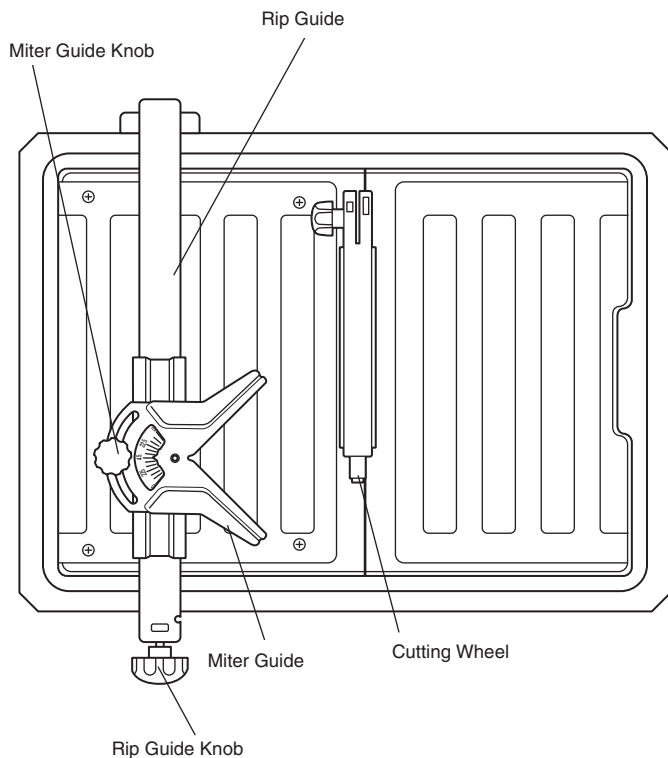


Figure 13B



MAKING CUTS

WARNING

Do not make freehand cuts.

Always make a practice run to acquaint yourself with the path of the blade. Practice on a scrap tile to make sure you are comfortable with the feel of the cutting operation.

- Draw the line to be cut on the tile using a marker or grease pencil. Place masking tape on the tile and mark the tape if the tile is shiny and hard to mark.
- To prevent straying from the cut mark, use the rip guide when making cross cuts, the miter guide for miter cuts and the adjustable right side table for making bevel cuts, whenever possible. **NOTE:** If you stray from the mark, do not force the wheel back to the line by twisting the tile. Instead, back up and re-cut the tile slicing off a small amount of tile until the wheel is back on track.

TO MAKE A CROSS CUT

See Figure 14

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

1. Use a marker or grease pencil to mark the area to be cut on the tile.
2. Adjust the rip guide to desired position and tighten.

Optional

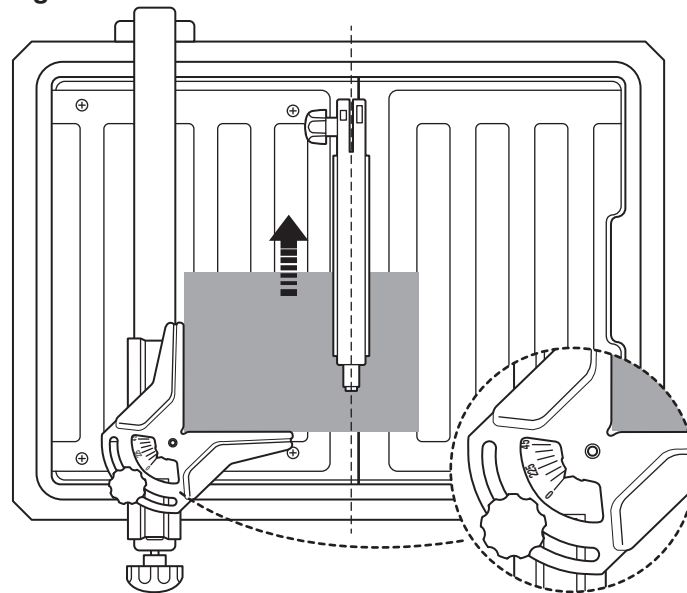
- Slide miter guide onto rip guide from front. See **To Install the Miter Guide.**
- Adjust the rip guide to desired position and tighten.
- Adjust miter guide to 0° using angle scale and tighten knob.

3. Place the tile on the table, firmly against the rip guide (or miter guide). Make sure the mark on the tile is aligned with the blade.

NOTE: Make sure the material is clear of the cutting wheel before turning on the saw.

4. Pull the ON/OFF switch out to the ON position. Allow the cutting wheel build up to full speed and the blade to be completely covered with water.
5. Hold the material firmly against the rip guide and slowly feed the material into the cutting wheel.
6. When the cut is made, push the ON/OFF switch in to the OFF position. Wait for the cutting wheel to come to a complete stop before removing any part of the material.

Figure 14



TO MAKE A 45° DIAGONAL CUT

See Figure 15

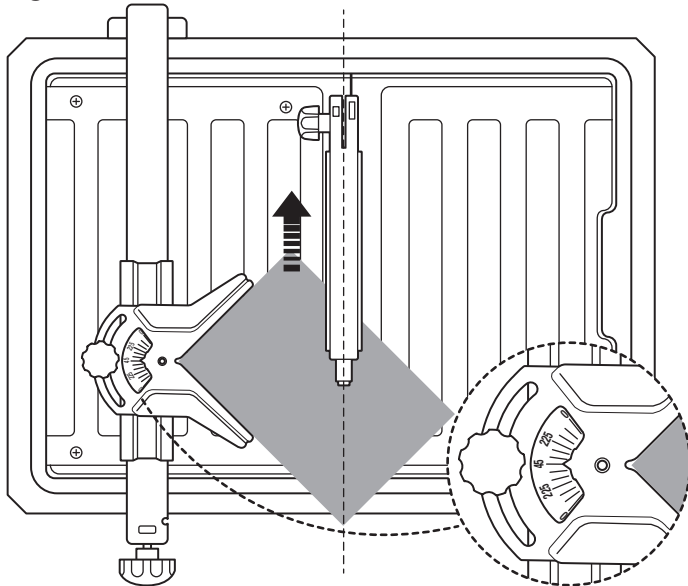
45° Diagonal cuts are also referred to as “long point to long point cuts”.

1. Use a marker or grease pencil to mark the area to be cut on the tile.
2. Slide miter guide onto rip guide from front. See **To Install the Miter Guide**.
3. Adjust the rip guide to desired position and tighten.
4. Adjust miter guide to 45° using angle scale and tighten knob.

NOTE: Make sure the material is clear of the cutting wheel before turning on the saw.

5. Pull the ON/OFF switch out to the ON position. Allow the cutting wheel build up to full speed and the blade to be completely covered with water.
6. Hold the material firmly against the miter guide and slide miter guide along rip guide. Feed the material into the cutting wheel.
7. When the cut is made, push the ON/OFF switch in to the OFF position. Wait for the cutting wheel to come to a complete stop before removing any part of the material.

Figure 15



TO MAKE A MITER CUT

See Figure 16

Miter cuts are used for cutting outside and inside corners on material 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.

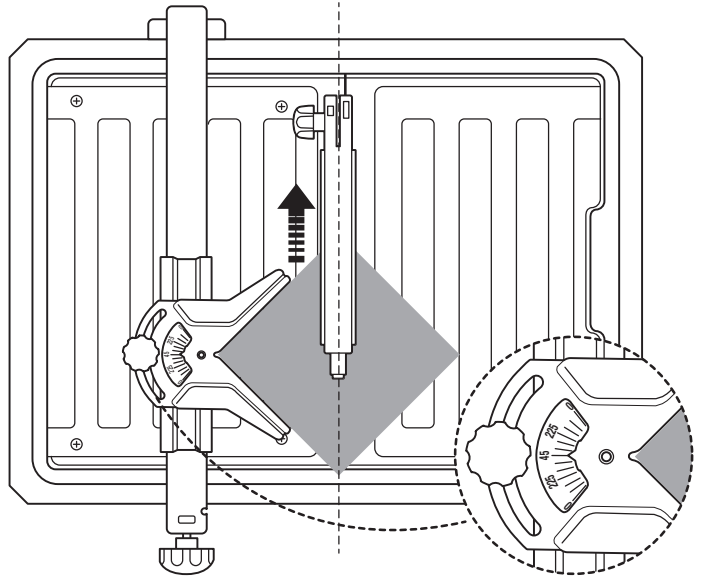
1. Use a marker or grease pencil to mark the area to be cut on the tile.

2. Slide miter guide onto rip guide from front. See **To Install the Miter Guide**.
3. Adjust the rip guide to desired position and tighten.
4. Adjust miter guide to 45° using angle scale and tighten knob.

NOTE: Make sure the material is clear of the cutting wheel before turning on the saw.

5. Pull the ON/OFF switch out to the ON position. Allow the cutting wheel build up to full speed and the blade to be completely covered with water.
6. Hold the material firmly against the miter guide and slide miter guide along rip guide. Feed the material into the cutting wheel.
7. When the cut is made, push the ON/OFF switch in to the OFF position. Wait for the cutting wheel to come to a complete stop before removing any part of the material.

Figure 16



TO MAKE AN L-CUT

See Figure 17

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

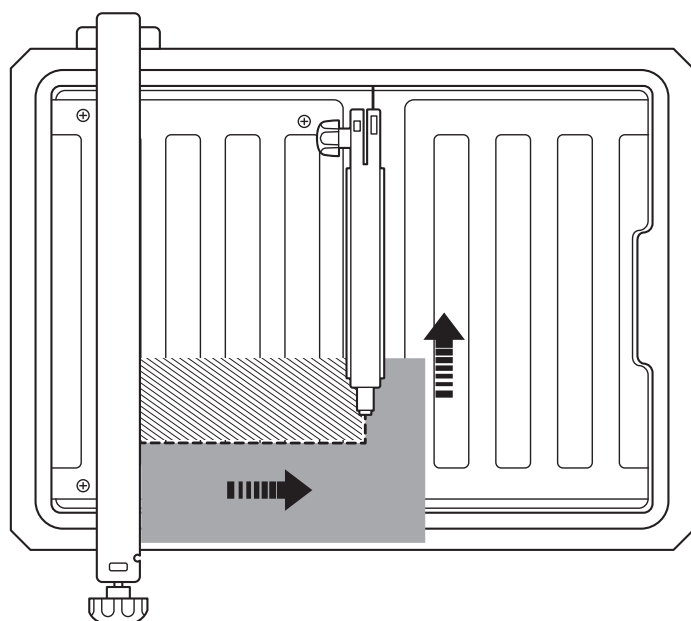
NOTE: Only over-cut on the bottom or underneath side of the material being cut.

1. Use a marker or grease pencil to mark the area to be cut on the tile. Outline the area to be cut on both sides of the tile.
2. Adjust the rip guide to desired position and tighten.
3. Place the material on the table, firmly against the rip guide.

NOTE: Make sure the material is clear of the cutting wheel before turning on the saw.

4. Pull the ON/OFF switch out to the ON position. Allow the cutting wheel build up to full speed and the blade to be completely covered with water.
5. Hold the material firmly against the rip guide and feed the material into the cutting wheel.
6. Make the cut far enough into the material without over-cutting. Now make a cut on the other mark on the tile without over-cutting.
7. Turn the tile over and make the cut along one of the outlines, but this time an over-cut can occur without damaging the exposed surface of the tile due to the radius of the blade. Over-cut the other line and the cut piece should be separate from the rest of the tile.
8. When the cut is made, push the ON/OFF switch in to the OFF position. Wait for the cutting wheel to come to a complete stop before removing any part of the material.

Figure 17



TO MAKE A BEVEL CUT

See Figures 18

Beveled 22.5° and 45° cuts can be made using the bevel table.

1. Use a marker or grease pencil to mark the area to be cut on the tile.
2. Rotate the bevel table up and pull down the two table legs as shown. Adjust the bevel table:
 - For a 22.5° angle, use the first notches in legs
 - For a 45° angle, use the second notches in legs.
 - Fold legs up and lay bevel table flat for 0° angle.

NOTE: Make sure bevel table is locked firmly in place before beginning cut.

NOTE: Make sure the material is clear of the cutting wheel before turning on the saw.

3. Pull the ON/OFF switch out to the ON position. Allow the cutting wheel build up to full speed and the blade to be completely covered with water.
4. Hold the material firmly against the bevel table and feed the material into the cutting wheel.
5. When the cut is made, push the ON/OFF switch in to the OFF position. Wait for the cutting wheel to come to a complete stop before removing any part of the material.
6. Fold the legs into the underside of the table and snap in place for storage. Lay the bevel table flat.

Figure 18A

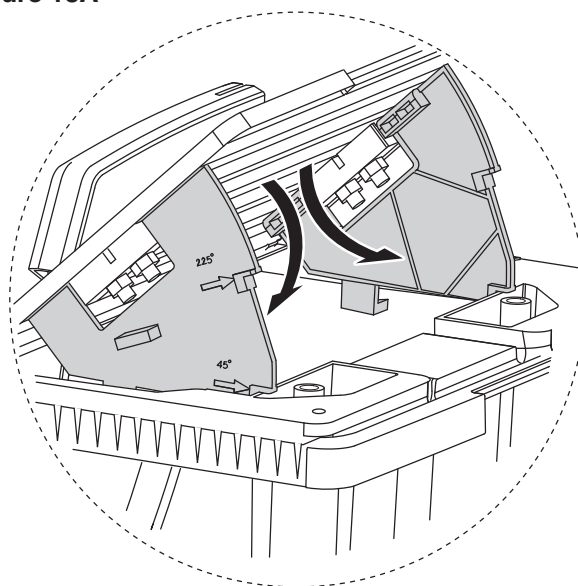
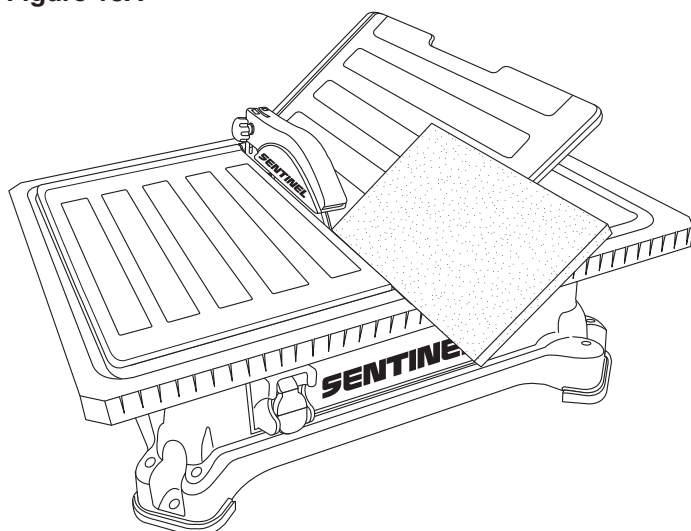


Figure 18A



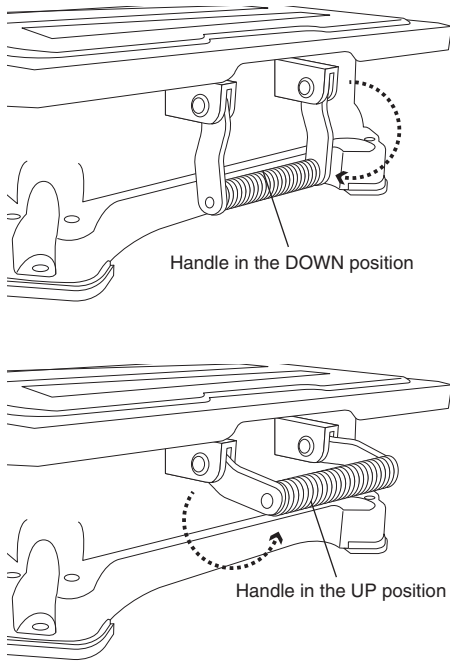
TRANSPORTATION

See Figures 19

There is a carry handle located on the right side of the saw.

1. Grasp the handle and lift it into the UP position, it will snap into place.
2. Use the handle to carry the saw and then push the handle down into the DOWN position.

Figure 19



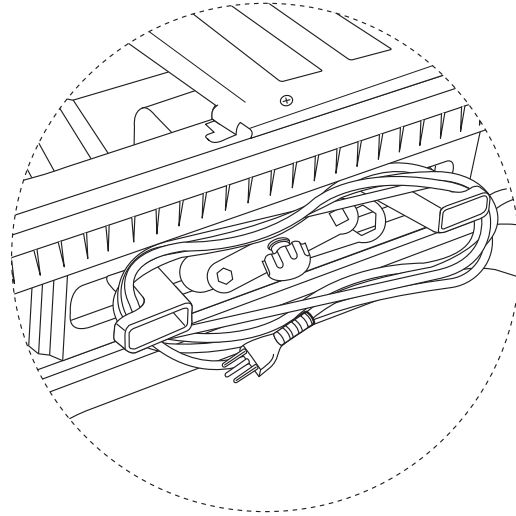
CORD AND WRENCH STORAGE

See Figures 20

Wrap the cord around the cord retainer at the rear of the saw when not in use.

Store the hex/arbtor wrenches on the cord retainer. Place the wrenches on the post and secure in place with the knob.

Figure 20



12 MAINTENANCE

⚠ WARNING

For your own safety, turn the switch OFF and remove the plug from the electrical outlet before adjusting or performing maintenance or lubrication work on the saw.

⚠ WARNING

Any attempt to repair or replace electrical parts on this tool may be hazardous. Repairs should be done by a qualified service technician.

GENERAL MAINTENANCE

Before using, check to make sure parts are not damaged, missing, or worn; check for alignment of moving parts, binding of moving parts, improper mounting, or any other conditions that may affect the saw operation. Should any of these conditions exist, do not use the saw until properly repaired or parts are replaced. Frequently blow or vacuum dust from all parts and motor housing.

LUBRICATION

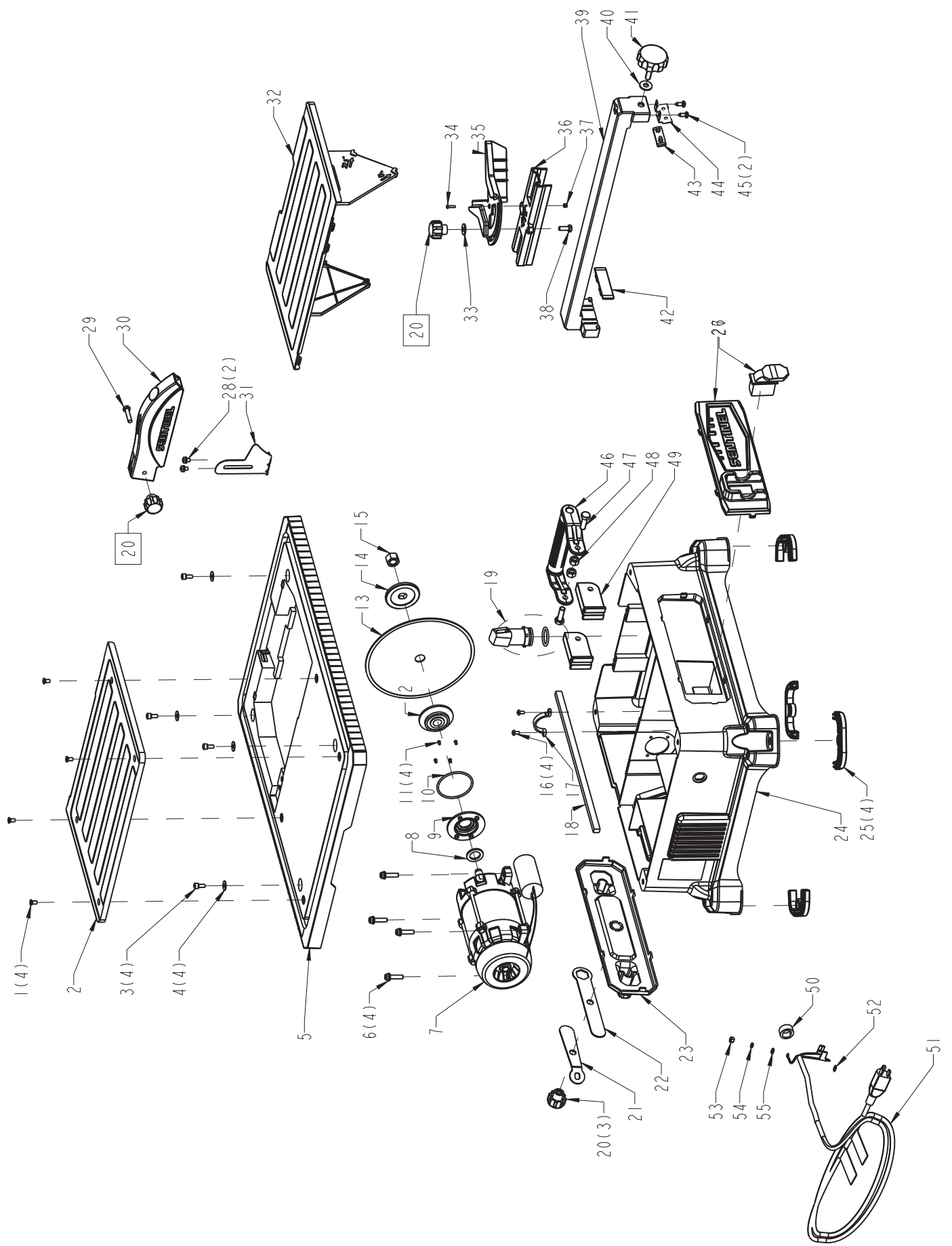
Ball bearings are grease packed at the factory and require no further lubrication. Use a spray lubricant on all moving table parts to ensure smooth operation.



SYMPTOM	POSSIBLE CAUSE(S)	CORRECTIVE ACTION
Motor will not start –fuses or circuit breakers tripping or blowing.	<ol style="list-style-type: none"> 1. Short circuit in line, cord or plug. 2. Short circuit in motor or loose connections. 3. Incorrect fuses or circuit breakers in power line. 	<ol style="list-style-type: none"> 1. Inspect cord or plug for damaged insulation and shorted wires. 2. Inspect all connections on motor for loose or shorted terminals and/or worn insulation. 3. Install correct fuses or circuit breakers or switch tool to an appropriately size circuit.
Motor overheats.	<ol style="list-style-type: none"> 1. Motor overloaded. 2. Extension cord too long and of insufficient gauge (weight). 	<ol style="list-style-type: none"> 1. Reduce load on motor. 2. Utilize an extension cord of appropriate gauge and length or plug tool directly into outlet.
Motor stalls (resulting in blown fuses or tripped circuit).	<ol style="list-style-type: none"> 1. Short circuit in motor or loose connections. 2. Low voltage. 3. Incorrect fuses or circuit breakers in power line. 4. Motor overload. 	<ol style="list-style-type: none"> 1. Inspect connections on motor for loose or shorted terminals or worn insulations. 2. Correct low voltage conditions (for example: improper extension cord length and/or gauge). 3. Install CORRECT fuses or circuit breakers or plug tool into an appropriate circuit, matched to an appropriate fuse or breaker. 4. Reduce the load on the motor.
Machine slows when operating.	<ol style="list-style-type: none"> 1. Feed rate too great. 2. Undersized circuit or use of undersized extension cord. 	<ol style="list-style-type: none"> 1. Reduce the rate at which the workpiece is fed into the working area of the tool. 2. Ensure circuit wires or extension cords are proper gauge, or eliminate use of extension cords.
Saw makes unsatisfactory cuts.	<ol style="list-style-type: none"> 1. Dull blade. 2. Not enough water in the reservoir. 3. Blade mounted backwards. 4. Build up on blade. 5. Incorrect blade for work being done. 	<ol style="list-style-type: none"> 1. Replace blade. 2. Check water level and add water if necessary. 3. Turn blade around. 4. Use dressing stone to remove build up. 5. Change the blade.
Unit does not make accurate cuts.	<ol style="list-style-type: none"> 1. Fence guide is not square to blade. 2. Blade is bent or damaged. 3. Workpiece moving. 	<ol style="list-style-type: none"> 1. Check and adjust. 2. Replace blade. Refer to Assembly for blade replacement instructions. 3. Use edge guide.
Unit vibrates excessively.	<ol style="list-style-type: none"> 1. Saw not mounted on a level surface. 2. Damaged saw blade. 	<ol style="list-style-type: none"> 1. Reposition on a level surface. 2. Replace blade.
Blade does not come up to speed.	Blade arbor and nut are loose.	Tighten blade arbor and nut.



14 TILE SAW PARTS ILLUSTRATION



Tile Saw PARTS LIST



Key#	Part#	Description	Specifications	Qty	Key#	Part#	Description	Specifications	Qty
1	WSSSEN719-1 001	Screw	M5×10	4	29	WSSSEN719-1 029	Hexagon Bolt	M6×30	1
2	WSSSEN719-1 002	Left Table		1	30	WSSSEN719-1 030	Blade Guard		1
3	WSSSEN719-1 003	Screw	M5×14	4	31	WSSSEN719-1 031	Riving Knife		1
4	WSSSEN719-1 004	Washer	φ5.3×φ15×1	4	32	WSSSEN719-1 032	Right Table Assembly		1
5	WSSSEN719-1 005	Table		1	33	WSSSEN719-1 033	Washer	φ6.4×φ18×1.6t	1
6	WSSSEN719-1 006	Screw	M6×25	4	34	WSSSEN719-1 034	Screw	M3×12	1
7	WSSSEN719-1 007	Motor		1	35	WSSSEN719-1 035	Miter Gauge		1
8	WSSSEN719-1 008	Sealed Washer	φ27×φ17.5×2.5	1	36	WSSSEN719-1 036	Miter Gauge Support		1
9	WSSSEN719-1 009	Cabinet Cap		1	37	WSSSEN719-1 037	Lock Nut	M3	1
10	WSSSEN719-1 010	O-Ring	φ54.5×2.65	1	38	WSSSEN719-1 038	Hexagon Bolt	6×16	1
11	WSSSEN719-1 011	Screw	ST2.9×8	4	39	WSSSEN719-1 039	Fence		1
12	WSSSEN719-1 012	Inner Flange	φ56×14.6	1	40	WSSSEN719-1 040	Washer	φ8×φ20×3t	1
13	WSSSEN719-1 013	7 Inch Blade	7"	1	41	WSSSEN719-1 041	Lock Handle		1
14	WSSSEN719-1 014	Outer Flange		1	42	WSSSEN719-1 042	Front Rubber Pad		1
15	WSSSEN719-1 015	Hex Nut	M12×1.5	1	43	WSSSEN719-1 043	Rear Rubber Pad		1
16	WSSSEN719-1 016	Screw	ST3.5×9.5	2	44	WSSSEN719-1 044	Locking Piece		1
17	WSSSEN719-1 017	Capacitance Pressing Buckle		1	45	WSSSEN719-1 045	Screw	ST4.8×13	2
18	WSSSEN719-1 018	Sponge Bar	420×8×5	1	46	WSSSEN719-1 046	Handle		1
19	WSSSEN719-1 019	Drain Plug		1	47	WSSSEN719-1 047	Hexagon Bolt	M8×25	2
20	WSSSEN719-1 020	Knob		3	48	WSSSEN719-1 048	Nut	M8	2
21	WSSSEN719-1 021	Wrench 1		1	49	WSSSEN719-1 049	Handle Guide		2
22	WSSSEN719-1 022	Wrench 2		1	50	WSSSEN719-1 050	Heycos		1
23	WSSSEN719-1 023	Wire-Wrap Board		1	51	WSSSEN719-1 051	Cord		1
24	WSSSEN719-1 024	Cabinet		1	52	WSSSEN719-1 052	External Tooth Washers	φ5	1
25	WSSSEN719-1 025	Foot Pad	65-75HS	4	53	WSSSEN719-1 053	Hex Nut	M5	1
26	WSSSEN719-1 026	Switch Panel		1	54	WSSSEN719-1 054	Washer	D5	1
27	WSSSEN719-1 027	Switch		1	55	WSSSEN719-1 055	Washer	D5	1
28	WSSSEN719-1 028	Screw	M5×8	2					



1 YEAR LIMITED WARRANTY

This product carries a 1-Year Limited Warranty to the original purchaser. If, during normal use, this product breaks or fails due to a defect in material or workmanship within one (1) year from the date of original purchase, simply bring this tool with the original sales receipt back to your nearest retail store. At its discretion, agrees to have the tool or any defective part(s) repaired or replaced with the same or similar product or part free of charge, within the stated warranty period, when returned by the original purchaser with original sales receipt. Notwithstanding the foregoing, this limited warranty does not cover any damage that has resulted from abuse or misuse of the merchandise.

This warranty:

- (1) excludes expendable parts including but not limited to blades, brushes, belts, bits, light bulbs, and/or batteries;
- (2) shall be void if this tool is used for commercial and/or rental purposes; and
- (3) does not cover any losses, injuries to persons/property or costs.

This warranty does give you specific legal rights and you may have other rights, which vary from state to state. Be careful, tools are dangerous if improperly used or maintained. Seller's employees are not qualified to advise you on the use of this merchandise. Any oral representation(s) made will not be binding on seller or its employees. The rights under this limited warranty are to the original purchaser of the merchandise and may not be transferred to any subsequent owner. This limited warranty is in lieu of all warranties, expressed or implied including warranties or merchantability and fitness for a particular purpose. Seller shall not be liable for any special, incidental, or consequential damages. The sole exclusive remedy against the seller will be for the replacement of any defects as provided herein, as long as the seller is willing or able to replace this product or is willing to refund the purchase price as provided above. For insurance purposes, seller is not allowed to demonstrate any of these power tools for you.

NOTE

