KING CANADA

10” SLIDING TILE SAW WITH LASER GUIDE

• Enhanced laser effect

MODEL: KC-3310TS

INSTRUCTION MANUAL

WARRANTY INFORMATION

2-YEAR LIMITED WARRANTY FOR THIS 10” TILE SAW	**KING CANADA TOOLS OFFERS A 2-YEAR LIMITED WARRANTY INTENDED FOR NON-COMMERCIAL USE**

PROOF OF PURCHASE

Please keep your dated proof of purchase for warranty and servicing purposes.

REPLACEMENT PARTS

Replacement parts for this product are available at our authorized King Canada service centers across Canada. Please use the 10 digit part numbers listed in this manual for all part orders where applicable.

LIMITED TOOL WARRANTY

King Canada makes every effort to ensure that this product meets high quality and durability standards. King Canada warrants to the original retail consumer a 2-year limited warranty as of the date the product was purchased at retail and that each product is free from defects in materials. Warranty does not apply to defects due directly or indirectly to misuse, abuse, normal wear and tear, negligence or accidents, repairs done by an unauthorized service center, alterations and lack of maintenance. King Canada shall in no event be liable for death, injuries to persons or property or for incidental, special or consequential damages arising from the use of our products.

To take advantage of this limited warranty, return the product at your expense together with your dated proof of purchase to an authorized King Canada service center. Contact your retailer or visit our web site at www.kingcanada.com for an updated listing of our authorized service centers. In cooperation with our authorized service center, King Canada will either repair or replace the product if any part or parts covered under this warranty which examination proves to be defective in workmanship or material during the warranty period.

NOTE TO USER

This instruction manual is meant to serve as a guide only. Specifications and references are subject to change without prior notice.

KING CANADA INC. DORVAL, QUÉBEC, CANADA H9P 2Y4

www.kingcanada.com

GENERAL SAFETY INSTRUCTIONS

VOLTAGE WARNING: Before connecting the tool to a power source (receptacle, outlet, etc.) be sure the voltage supplied is the same as that specified on the nameplate of the tool. A power source with voltage greater than that for the specified tool can result in SERIOUS INJURY to the user - as well as damage to the tool. If in doubt DO NOT PLUG IN THE TOOL. Using a power source with voltage less than the nameplate is harmful to the motor.

1. KNOW YOUR TOOL

Read and understand the owners manual and labels affixed to the tool. Learn its application and limitations as well as its specific potential hazards.

2. GROUND THE TOOL.

This tool is equipped with an approved 3-conductor cord and a 3-prong grounding type plug to fit the proper grounding type receptacle. The green conductor in the cord is the grounding wire. **NEVER** connect the green wire to a live terminal.

3. KEEP GUARDS IN PLACE.

Keep in good working order, properly adjusted and aligned.

4. REMOVE ADJUSTING KEYS AND WRENCHES.

Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.

5. KEEP WORK AREA CLEAN.

Cluttered areas and benches invite accidents. Make sure the floor is clean and not slippery due to wax and sawdust build-up.

6. AVOID DANGEROUS ENVIRONMENT.

Don't use power tools in damp or wet locations or expose them to rain. Keep work area well lit and provide adequate surrounding work space.

7. KEEP CHILDREN AWAY.

All visitors should be kept a safe distance from work area.

8. MAKE WORKSHOP CHILD-PROOF.

Use padlocks, master switches or remove starter keys.

9. USE PROPER SPEED.

A tool will do a better and safer job when operated at the proper speed.

10. USE RIGHT TOOL.

Don't force the tool or the attachment to do a job for which it was not designed.

11. WEAR PROPER APPAREL.

Do not wear loose clothing, gloves, neckties or jewelry (rings, watch) because they could get caught in moving parts. Non-slip footwear is recommended. Wear protective hair covering to contain long hair. Roll up long sleeves above the elbows.

12. ALWAYS WEAR SAFETY GLASSES.

Always wear safety glasses (ANSI Z87.1). Everyday eye-glasses only have impact resistant lenses, they are **NOT** safety glasses. Also use a face or dust mask if cutting operation is dusty.

13. DON'T OVERREACH.

Keep proper footing and balance at all times.

14. MAINTAIN TOOL WITH CARE.

Keep tools sharp and clean for best and safest performance. Follow instructions for lubricating and changing accessories.

15. DISCONNECT TOOLS.

Before servicing, when changing accessories or attachments.

16. AVOID ACCIDENTAL STARTING.

Make sure the switch is in the ''OFF'' position before plugging in.

17. USE RECOMMENDED ACCESSORIES.

Consult the manual for recommended accessories. Follow the instructions that accompany the accessories. The use of improper accessories may cause hazards.

18. NEVER STAND ON TOOL.

Serious injury could occur if the tool tips over. Do not store materials such that it is necessary to stand on the tool to reach them.

19. CHECK DAMAGED PARTS.

Before further use of the tool, a guard or other parts that are damaged should be carefully checked to ensure that they will operate properly and perform their intended function. Check for alignment of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other parts that are damaged should be properly repaired or replaced.

20. NEVER LEAVE MACHINE RUNNING UNATTENDED.

Turn power ''OFF''. Don't leave any tool running until it comes to a complete stop.

ADDITIONAL SAFETY INSTRUCTIONS FOR SLIDING TILE SAWS

1. **Make sure** the power switch on your tile saw is in the ‘’OFF’’ position before plugging in.
2. **Do not leave** the tile saw unattended while it is running. Always return the power to the ‘’OFF’’ position when not in use.
3. **Always wear safety glasses**, dust mask and ear protection when operating the tile saw.
4. **Always remain alert** when the tile saw is in use. Inattention on the part of the operator may lead to serious injuries.
5. **Keep children away**. All visitors should be kept at a safe distance from work area.
6. **Always keep** the blade guard in the down position while operating the tile saw.
7. **Disconnect the tile saw** from its power source before installing or changing blades and before cleaning or servicing.
8. **Never stand on tool**. Serious injuries could occur if the tool is tipped or if the cutting tool is unintentionally contacted.
9. **Do not** directly wash the bottom of the motor.
10. **Do not force** the material being cut. Always let the blade cut at its own speed.
11. **Do not force** the tool to do a job it isn’t designed to do.
12. **Make sure** you use the correct blade for the job you are doing.
13. **Do not alter the plug** or use a two-prong receptacle. This tile saw is equipped with a three-prong electrical plug.
14. **Keep your work space** clear and free of all debris.
15. **Keep the tile saw** clean and maintained to achieve the safest and highest performance for each job.

KEEP THESE SAFETY RULES FOR FUTURE REFERENCE

TILE SAW SPECIFICATIONS

Model	KC-3310TS
Voltage	120V
Horsepower	2.5 HP
Amperage	15 Amp.
No load speed	4,500 RPM
Blade size	10”
Reversible arbor flange sizes	5/8”
Cutting capacity @ 90º	24”
Cutting capacity @ 45º	18”
Max. depth of cut	3-3/4”
Sliding table size with extension	24-1/2” x 18-1/2”
Water tray size	27-1/2” x 21-1/2” x 3-1/2”
Bevel cuts	0-45º
Weight	105 lbs.

ELECTRICAL INFORMATION

WARNING!

ALL ELECTRICAL CONNECTIONS MUST BE DONE BY A QUALIFIED ELECTRICIAN. FAILURE TO COMPLY MAY RESULT IN SERIOUS INJURY! ALL ADJUSTMENTS OR REPAIRS MUST BE DONE WITH THE TILE SAW DISCONNECTED FROM THE POWER SOURCE. FAILURE TO COMPLY MAY RESULT IN SERIOUS INJURY!

POWER SUPPLY

WARNING: YOUR TILE SAW MUST BE CONNECTED TO A 120V, 15-AMP. BRANCH CIRCUIT. FAILURE TO CONNECT IN THIS WAY CAN RESULT IN INJURY FROM SHOCK OR FIRE.

120V OPERATION- TURNING ON YOUR TILE SAW-
GFCI Electrical plug

As received from the factory, your tile saw is ready to run for 120V operation. This Tile Saw comes with a GFCI plug (A) Fig.1, which stands for Ground Fault Circuit Interruption. This is a protection devise which prevents the motor from overheating during operation by stopping the motor.

This GFCI plug comes with a reset button (B) Fig.1 and a test button (C). To turn Tile Saw “On”, plug GFCI plug into a 120V grounded outlet as shown in Fig.2. Press the reset button (B), the indicator (D) should turn on. Now the main On/Off switch (A) Fig.3 can be lifted upwards to turn Tile saw “On”.

If you want to test the GFCI plug for proper operation, plug GFCI plug into a 120V grounded outlet. Press the reset button (B) Fig.1, the indicator (D) should turn on. Press the test button (C), the indicator (D) should turn off. Press the reset button (B) again, now the main On/Off switch (A) Fig.3 can be lifted upwards to turn Tile saw “On”.

If the GFCI is tripped and the motor stops, push the On/Off switch (A) Fig.3 to the “Off” position. Wait 10-15 minutes for the machine to cool down and then press the reset button (B) Fig.1, the indicator (D) should turn on. Finally lift the On/Off switch to the “On” position to turn machine on again.

If this fails, try using a dedicated circuit without any other electrical devices plugged to it, or have a qualified electrician check your electrical panel.

EXTENSION CORDS

The use of any extension cord will cause some loss of power. Use the following table to determine the minimum wire size (A.W.G-American Wire Gauge) extension cord. Use only extension cords which accept the tool’s plug.

For circuits that are further away from the electrical circuit box, the wire size must be increased proportionately in order to deliver ample voltage to the motor. Refer to Fig.4 for wire length and size.

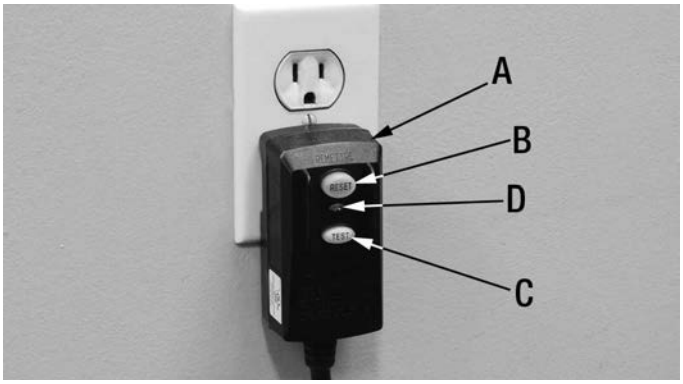


FIGURE 1

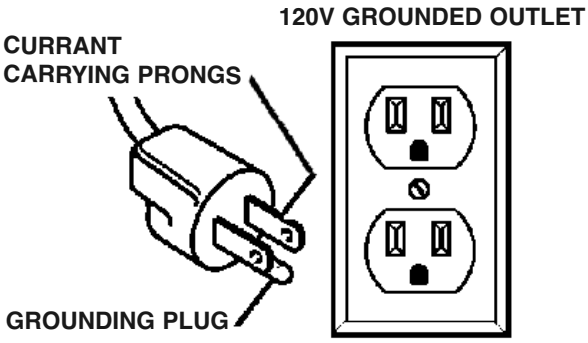


FIGURE 2

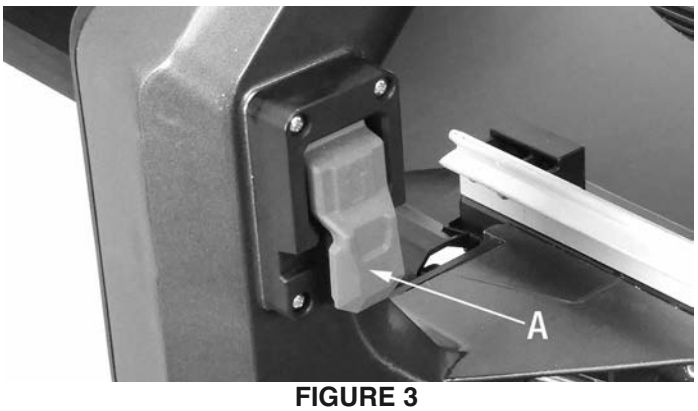


FIGURE 3

Tool’s Amperage Rating	Cord Size in A.W.G.			
	Cord Length in Feet			
	25	50	100	150
3-6	18	16	16	14
6-8	18	16	14	12
8-10	18	16	14	12
10-12	18	16	14	12
12-16	14	12	-	-

FIGURE 4

ASSEMBLY

UNPACKING, ASSEMBLY & SET UP

Caution: Follow all of the assembly & installation instructions completely before connecting the Tile Saw to a power source or turning the motor on.

Carefully open the main box and remove all the saw components and packing materials. Be certain you have checked each item with the parts diagram before discarding the container or packing materials.

ASSEMBLING FOLDING STAND

The stand comes completely disassembled and must be assembled before attempting to secure it to the Tile Saw frame. Fig.5 shows the stand completely assembled, follow these instructions to assemble stand as shown:

1) Locate the right and left wheel supports (A & B) Fig.5. Install short cross brace (C) in between the right and left wheel supports using 2 hex. bolts and curved washers (D).

2) The U support (E) Fig.5 gets installed in between the right and left wheel supports (A & B). Position two curved bushings (F) between the U support and the right and left wheel supports (A & B) and secure all parts together using a hex. bolt and nylon hex. nut (H) on each side.

3) Locate the long right and left supports (I & J) Fig.5. Install both cross braces (K) in between the long right and left supports using 2 hex. bolts and curved washers for each cross brace.

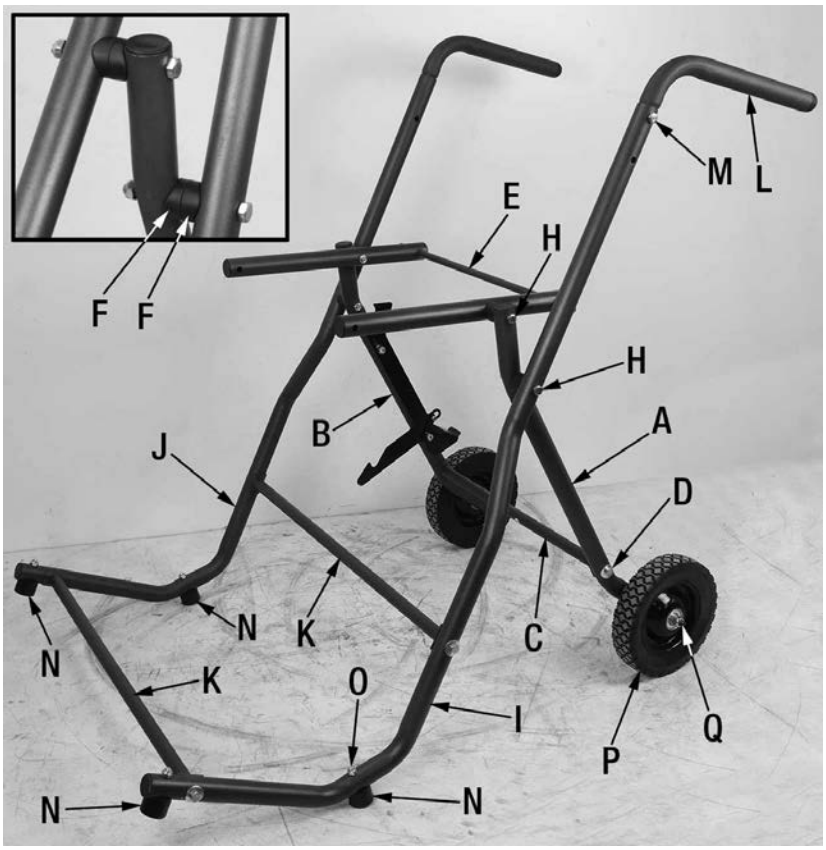


FIGURE 5

4) Secure the right and left wheel supports assembly (A, B, E) Fig.5 to the long right and left supports assembly (I, J, K). Position two curved bushings (F) between the supports and secure all parts together using a hex. bolt and nylon hex. nut (H) on each side.

5) Install curved handles (L) Fig.5 to the ends of the long right and left supports (I & J) using 2 hex. bolts.

6) Install 4 rubber feet (N) Fig.5 to the long right and left supports (I & J) as shown using 4 nylon hex. nuts (O).

7) Install wheels (P) Fig.5 to the right and left wheel supports (A & B) using 2 large nylon hex. nuts.

ASSEMBLING FOLDING STAND TO MACHINE FRAME

1) Position the machine frame upside down on a clean and level surface as shown in Fig.6.

2) Assemble the U support (A) Fig.6 to the mounting holes (B) in the bottom of the frame as shown. Position a curved bushing (C) and a straight bushing (D) between the U support and the frame and secure all parts together using a hex. bolt and nylon hex. nut (E) on each side.

3) Assemble the long right and left supports (F) Fig.6 to the mounting holes (G) in the bottom of the frame as shown. Position a curved bushing (C) and a straight bushing (D) (against the frame) between the long right and left supports and the frame and secure all parts together using a hex. bolt and nylon hex. nut (E) on each side.

4) Pivot the entire stand and frame assembly and place machine on its stand.

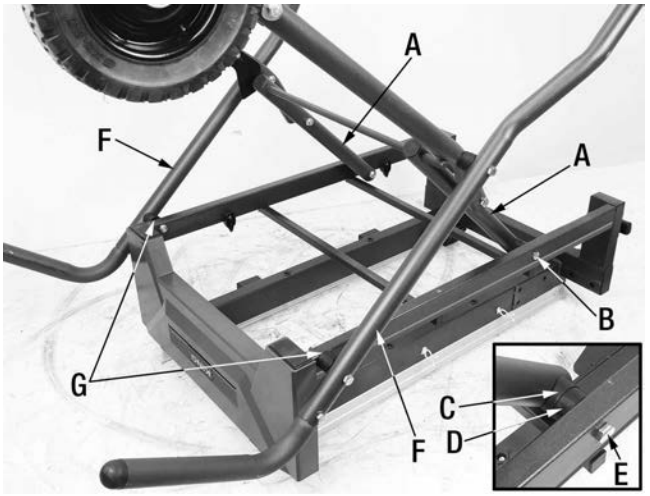


FIGURE 6

ASSEMBLY

ASSEMBLING HEAD TO MACHINE FRAME

The following steps should be done with the help of a second person.

1) Position the head (A) Fig.7 up against the frame (B) and secure head to frame using 5 large cap screws and washers (C) Fig.7 and (A) Fig.8.

2) Secure the head to the frame by tightening the 5 cap screws using the supplied 8 mm hex. key (D) Fig.7, which can be found in the hex. key storage.

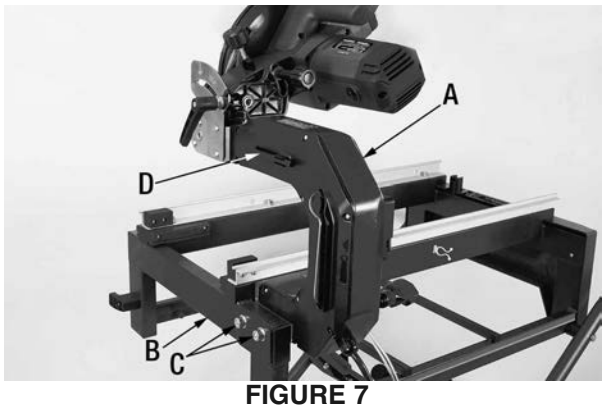


FIGURE 7

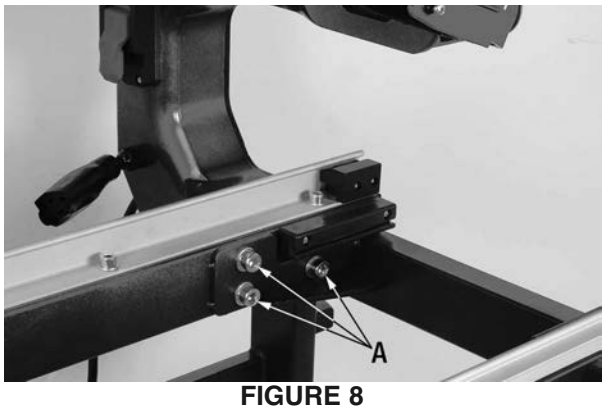
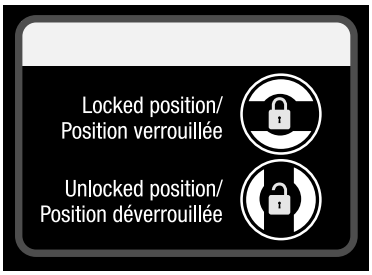


FIGURE 8

INSTALLING SLIDING TABLE ONTO FRAME RAILS

1) Before attempting to install the sliding table on the frame rails, the table stop (C) Fig.9 must be positioned in the “unlocked’ position as shown in the illustration below.



2) Slide the sliding table (A) Fig.9 onto the frame rails (B) by setting table rollers under the table onto the rails. Once engaged slide table towards the back of the Tile Saw.

3) To prevent the table from sliding off the rails, turn table stop (C) Fig.9 in the “locked’ position as shown in the illustration above.

4) To secure the table and prevent it from sliding, push in the table lock (D) Fig.9 into one of the holes in the front rail.

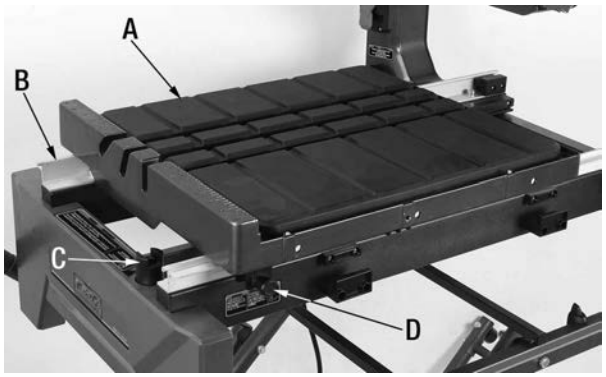


FIGURE 9

INSTALLING EXTENSION TABLE TO SLIDING TABLE

1) Loosely install extension table lock knob (A) Fig.10 into the front side of the sliding table (B).

2) Slide extension table (C) Fig.10 between the extension table lock knob (A) and the sliding table (B) as shown. Tighten extension table lock knob to secure extension table.

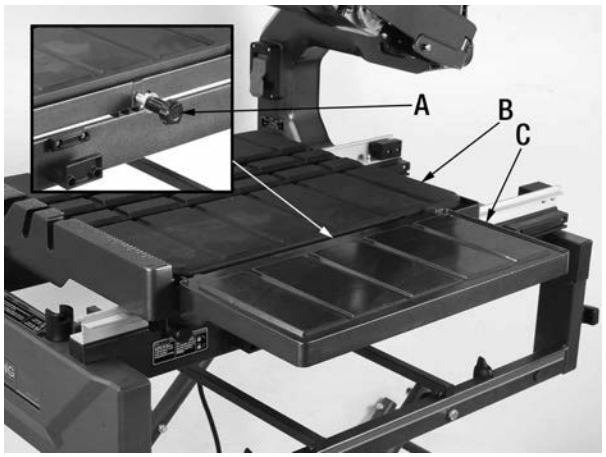


FIGURE 10

ASSEMBLY

INSTALLING THE WATER TRAY AND RECIRCULATING WATER PUMP

1) Locate the plastic water tray (A) Fig.11 and slide it under the table inside the machine frame as shown. Make sure the drain plug (B) is installed tightly.

2) Locate the water pump (C) Fig.11. The water pump comes with suction cups underneath it, wet the suction cups. The water tray comes with a cut out which shows the position the water pump must be placed. Position the water pump inside the cut out and press down firmly.

3) With dry hands, connect the water pump power cord to the dedicated water pump power receptacle (D) Fig.11.

Warning: This power receptacle (D) Fig.11 must only be used for the water pump.

4) There is a clear hose (E) Fig.11 which comes out from the base of the head. Clip the clear hose in the plastic retainers (F) as shown, then connect the end of the clear hose to the spout (G) on top of the water pump.

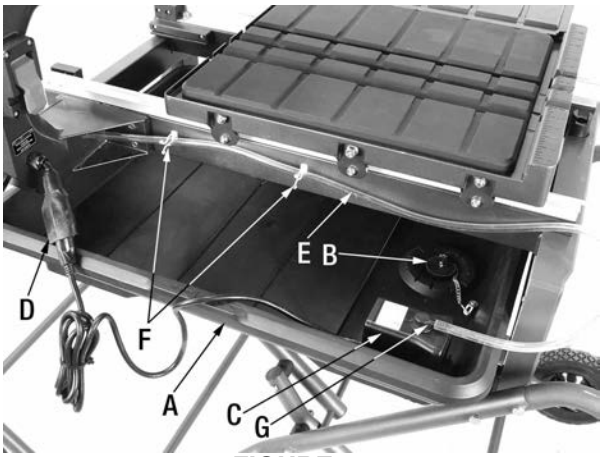


FIGURE 11

INSTALLATION & ADJUSTMENT OF MITER GAUGE

1) This Tile saw comes with a miter gauge (A) Fig.12 which can be used on either the right or left side of the blade. The miter gauge gets installed over the sliding table fence (B).

2) Position the miter gauge over the sliding table fence as shown. Tighten lock knob (C) Fig.12 to secure the miter gauge in position.

3) To adjust the angle of the miter gauge, loosen lever (D), set the desired angle and retighten lever (D).

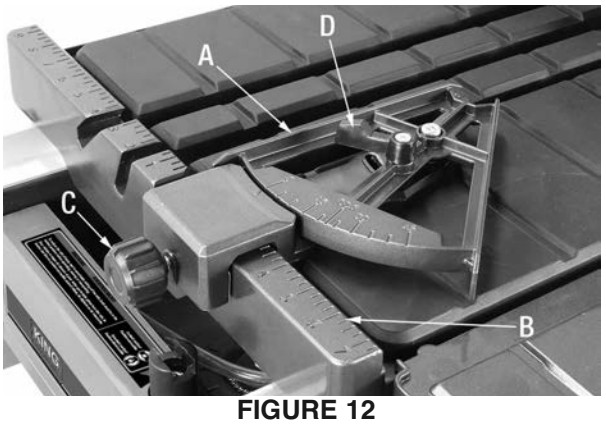


FIGURE 12

INSTALLING/REMOVING 10" WET TYPE DIAMOND BLADE

Warning: For maximum performance and safety, only use 10" Wet Type Tile Saw blades with this Tile Saw. Do not use 10" Wet Type Tile Saw blades that are rated below the no load speed rating of this Tile Saw (4500 RPM). Do not use a damaged blade.

Warning: Disconnect the power cord from the power source before attempting to install or replace blade.

To assemble the supplied blade or a replacement blade:

1) Loosen blade guard lock knob (A) Fig.13 and open the blade guard (B) as shown.

2) Lock the spindle shaft by pressing and holding the spindle lock button (A) Fig.14 in order to remove the arbor nut and flange.

3) Using the supplied blade arbor adjustment key (D) Fig.15, while maintaining pressure on the spindle lock button, loosen and remove arbor nut (C) Fig.13, then remove the outer flange (D) Fig.13.

4) If removing or installing a blade, the water spout (E) Fig.13 must be removed. Simply pull it off to remove it.

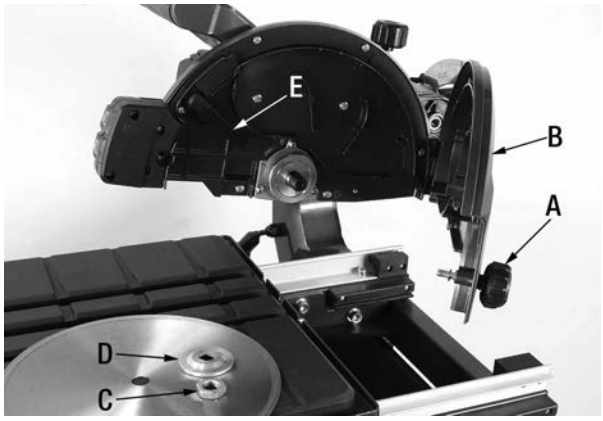


FIGURE 13

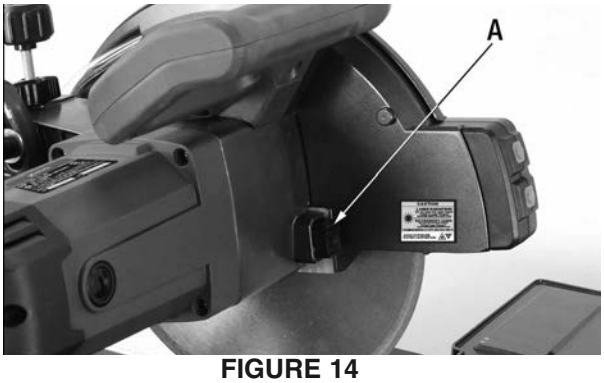


FIGURE 14

ASSEMBLY

INSTALLING/REMOVING 10" WET TYPE DIAMOND BLADE continued...

Warning: For maximum performance and safety, only use 10" Wet Type Tile Saw blades with this Tile Saw. Do not use 10" Wet Type Tile Saw blades that are rated below the no load speed rating of this Tile Saw (4500 RPM). Do not use a damaged blade.

Warning: Disconnect the power cord from the power source before attempting to install or replace blade.

5) If you are replacing a used blade, remove the blade from the arbor shaft. Position supplied blade (A) Fig.15 or replacement blade on arbor shaft. Reposition the outer flange (B) against the blade, make sure the flat of the flange lines up with the flat of the arbor shaft.

6) Press the spindle lock button (A) Fig.14 to lock spindle shaft, reinstall arbor nut (C) Fig.15 and secure blade using supplied blade arbor adjustment key (D) Fig.15. Reinstall water spout (E) Fig.15. Close blade guard and lock it with lock knob.

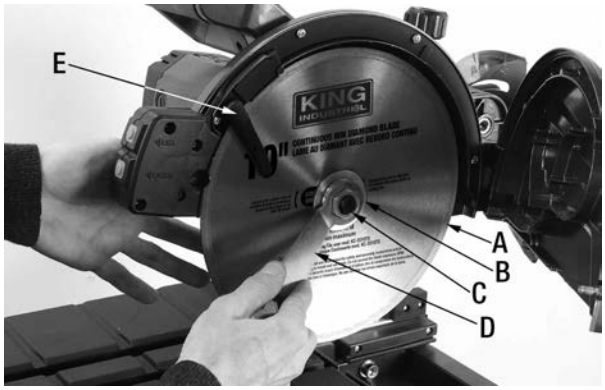


FIGURE 15

INSTALLING BLADE SPLASH GUARDS

1) Install the triangular splash guard (A) Fig.16 to the rear of the blade guard using a large pan hd screw (B).

FIGURE 16

2) Install the flap splash guard (A) Fig. 17 over the triangular splash guard (B). First secure one side of the flap splash guard to the side of the blade guard using a small pan hd screw (C). To finish the installation, secure the other side of the flap splash guard to the other side of the blade guard using another small pan hd screw.

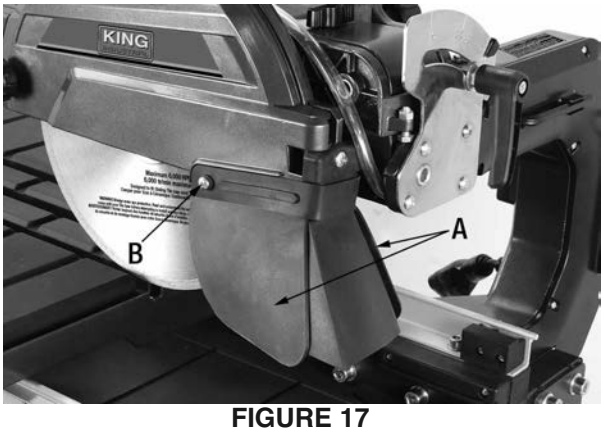


FIGURE 17

INSTALLING WATER TRAY EXTENSIONS

This Tile saw comes with 3 water tray extensions, each one get installed in the following order:

1) Install the rear tray extension (A) Fig.18 at the rear of the Tile saw. Slide the rear tray extension into the grooves (B) in the machine frame. Once pushed all the way, the tray extension flap (C) can then pivoted upwards into the vertical position as shown.

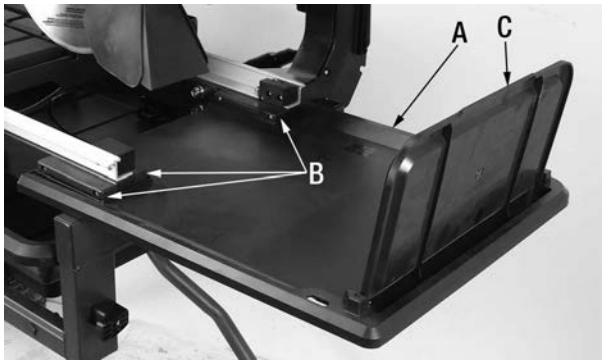


FIGURE 18

INSTALLING WATER TRAY EXTENSIONS continued...

2) Next, install the front side tray extension (A) Fig.19. Align the engraved marks (B) with the rail hooks (C), slightly tilt the tray and hook it onto the two rail hooks and under the supports (D).

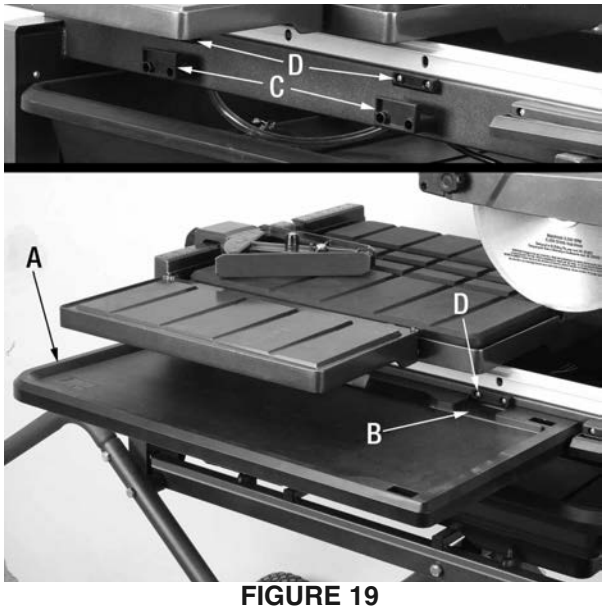


FIGURE 19

3) Finally, install the rear side tray extension (A) Fig.20 onto the front side tray extension (B). Slightly tilt the tray and insert its hooks into the two openings in the front side tray extension (B). Lower the tray, then align and snap tray into the hole in the rear tray extension (C).

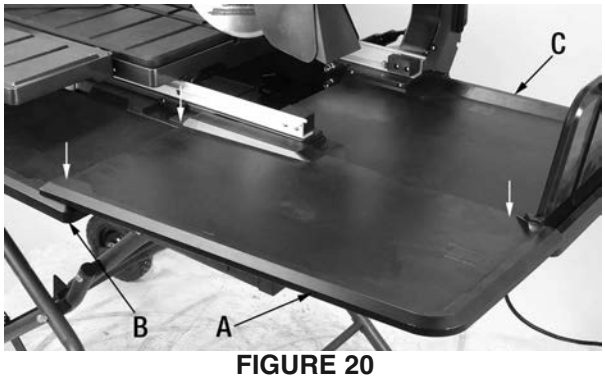


FIGURE 20

ADJUSTMENTS

MAKING BEVEL CUTS

1) This Tile saw can make bevel cuts from 0-45^{0}, before adjusting the head angle slide the work table away from the blade to prevent any blade damage.

2) Loosen the bevel lock handle (A) Fig.21.

3) Tilt the head to the desired position between 0-45^{0}. Once head is set at the desired angle, retighten bevel lock handle.

FIGURE 21

ADJUSTING DEPTH OF CUT AND DEPTH STOP

1) The depth of cut adjustment knob (A) Fig.22 sets the height of the entire head and can be used to cut at a set depth. Loosen adjustment knob (A) to raise the head to clear the table. For normal cuts completely lower head and tighten adjustment knob (A).

2) The depth stop controls the maximum depth of cut. If the blade cuts too deeply or not deeply enough, loosen depth stop knob (B) Fig.22, adjust the depth stop (C), retighten depth stop knob (B).

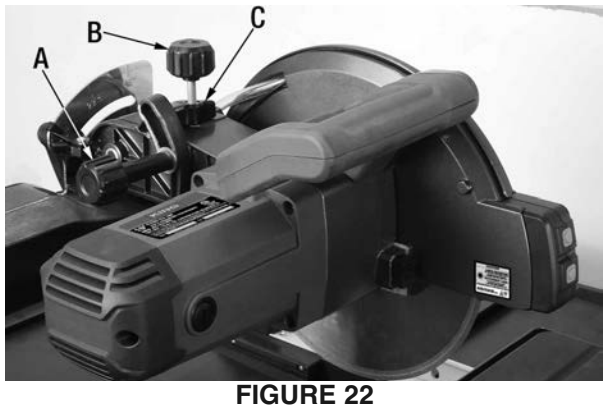


FIGURE 22

OPERATION

FILLING THE WATER TRAY WITH WATER

1) Before attempting to fill water tray with water, it is important that the water pump (A) Fig.23 be secured to the water tray and that the drain plug (B) is position in the drain hole.

2) Fill the water tray with water up to the MAX fill line (C) Fig.23 before operating this Tile Saw.

Warning: Water level must be kept between MAX and MIN fill lines. The water level must never go below the MIN fill line (D) Fig.23. This must be checked regularly to prevent the water pump from functioning without water to pump, could cause water pump damage.

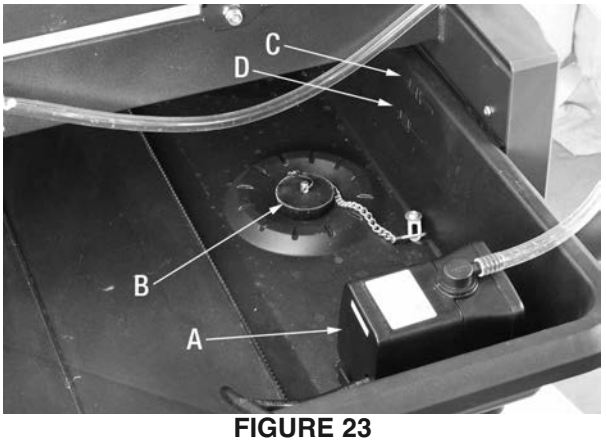


FIGURE 23

GFCI ELECTRICAL PLUG

This Tile Saw comes with a GFCI plug (A) Fig.24, which stands for Ground Fault Circuit Interruption. This is a protection devise which prevents the motor from overheating during operation by stopping the motor.

This GFCI plug comes with a reset button (B) Fig.24. To turn Tile Saw “On”, plug GFCI plug into a 120V grounded outlet. Press the reset button (B), the indicator (C) should turn on. Now the main On/Off switch can be lifted upwards to turn Tile saw “On”.

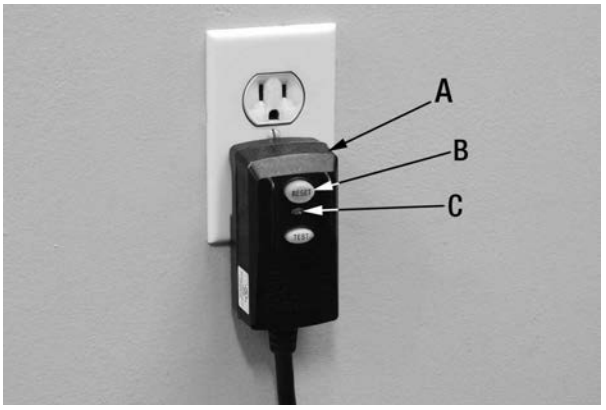


FIGURE 24

USING LASER GUIDE AND LED LIGHT

This Tile saw comes with a Laser Guide and an LED light. These two features are powered by the GFCI plug when connected to a power source. If you wish to use one or both of these features, the Tile Saw will need to be connected to a power source.

1) To turn on the laser guide, press the laser guide button (A) Fig.25. press again to turn the laser guide off.

2) To turn on the LED light, press the LED light button (B) Fig.25. press again to turn the LED light off.

FIGURE 25

OPERATIONAL GUIDELINES

The following steps should be set-up/verified before attempting to cut a tile:

1) Make sure Tile saw is completely assembled as instructed in this manual.
2) Make sure the water tray is filled to the MAX fill line, and the water pump is positioned in the water tray and is connected to the water pump socket.
3) Plug in GFCI plug into a 120V power source and press the RESET button.
4) Position workpiece against the sliding table and fence, unlock table so it slides, make sure blade is not in contact with the tile before turning on machine.
5) You may want to turn the LED light and laser guide to assist you.
6) Adjust miter, bevel and depth settings.
7) Lift main switch to turn the Tile Saw On.
8) Make sure the water pump is supplying enough water to the Tile Saw blade.
9) Allow blade to reach full speed before attempting to cut your tile.
10) Slide table towards the blade to cut tile. Turn Tile Saw off after the cut, wait for blade to come to a complete stop before removing any tile or scrap piece from the table.
11) Clean Tile Saw before storing.

OPERATION & MAINTENANCE

FOLDING/UNFOLDING STAND

Warning: Disconnect GFCI plug from power source before attempting to fold and move the Tile Saw.

1) Before folding the stand, the water tray must be emptied of all water, the 3 extension trays need to be removed and placed inside the water tray, and the sliding table needed to be locked to prevent it from sliding.

2) To close or "fold" the folding stand, step on the foot release lever (A) Fig.26, and raise the two handles (B). Raise the two handles until the foot release lever (A) clicks and locks. Fig.26 shows the stand in the folded position, the Tile Saw can now be tilted and rolled around.

3) To open or "unfold" the folding stand, step on the foot release lever (A) Fig.26, and lower the two handles (B) to raise the entire Tile Saw in the upright open position. Lower the two handles until the foot release lever (A) clicks and locks. The Tile saw can now be used in its new location.

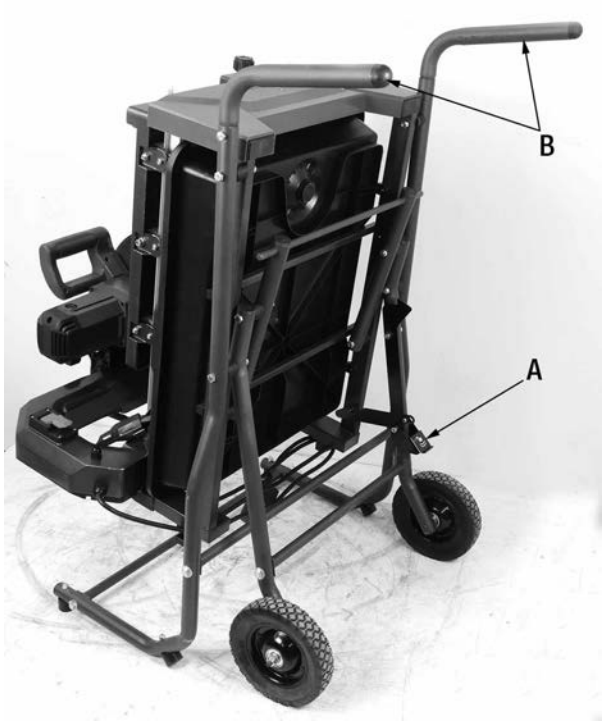


FIGURE 26

MAINTENANCE

WARNING: DO NOT SERVICE, CLEAN, OR MAINTAIN THE SAW WITHOUT FIRST TURNING OFF THE MOTOR AND UNPLUGGING THE SAW FROM ITS POWER SOURCE. FAILURE TO DO SO MAY RESULT IN SERIOUS INJURY TO THE OPERATOR.

For the longest life and best performance, clean the Tile Saw after every use. Wipe off all exterior surfaces and keep the sliding table clean and free of tile chips and debris. Wipe off both the guide bars and the rollers of the sliding table. Always check the blade for cracks or signs of fatigue.

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

Cleaning
- Unplug the Tile Saw and water pump.
- Empty the dirty water from the water tray.
- Rinse off the sliding table.
- Unlock table stop, remove table from rails, rinse the rails and water tray frame. It is important to clean the rails often.

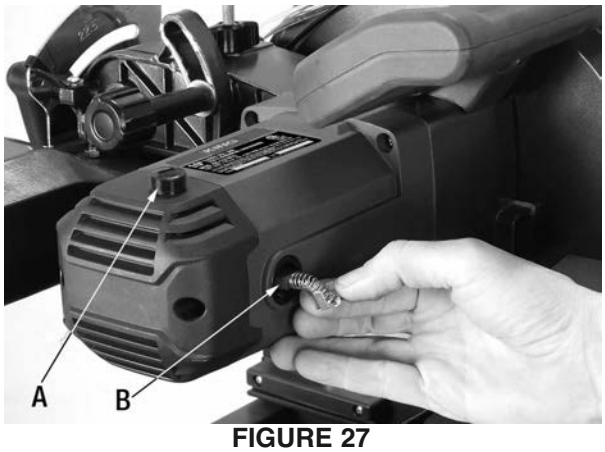


FIGURE 27

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

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

Carbon brush replacement
This Tile Saw has externally accessible carbon brush assemblies that should be periodically checked for wear. Proceed as follows when replacement is required:
- Unplug the Tile Saw.
- Remove carbon brush cap (A) Fig.27 with a flat head screwdriver (not included). The carbon brush assembly (B) is spring loaded and will pop out when you remove brush cap (A). Remove carbon brush assembly (B).
- Check for wear. Replace both carbon brushes when either has less than 1/4" in length of carbon remaining. DO NOT replace one side without replacing the other side.
- Reassemble using new carbon brush assemblies (not included). Reinstall brush caps (A). Tighten brush caps securely. Do not overtighten.

PARTS DIAGRAM & PARTS LISTS
Refer to the Parts section of the King Canada web site for the most updated parts diagram and parts list.