

MK-660 TILE SAW OWNER'S MANUAL PARTS LIST & OPERATING INSTRUCTIONS



| | |
|---------------------|---------|
| Revision 104 | 09.2014 |
| Manual Part# 153461 | |

Caution: Read all safety and operating instructions before using this equipment. This parts list **MUST** accompany the equipment at all times.

INTRODUCTION

Congratulations on your purchase of a MK-660 Saw. We are certain that you will be pleased with your purchase. MK Diamond takes pride in producing the finest construction power tools and diamond blades in the industry.

Operated correctly, your MK-660 Saw should provide you with years of service. In order to help you, we have included this manual. This owners manual contains information necessary to operate and maintain your MK-660 Saw safely and correctly. Please take the time to familiarize yourself with the MK-660 Saw by reading and reviewing this manual.

Read and follow all safety, operating and maintenance instructions.

If you should have questions concerning your MK-660 Saw, please feel free to call our friendly customer service department at: 800 421-5830

Regards,

MK Diamond

NOTE THIS INFORMATION FOR FUTURE USE:

| | |
|------------------------|--|
| MODEL NUMBER: | |
| SERIAL NUMBER: | |
| PURCHASE PLACE: | |
| PURCHASE DATE: | |

NOTE: For your (1) one year warranty to be effective, complete the warranty card (including the Serial Number) and mail it in as soon as possible.

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Read and follow all safety, operating and maintenance instructions. Failure to read and follow these instructions could result in injury or death to you or others. Failure to read and follow these instructions could also result in damage and/or reduced equipment life. Safety warnings and guidelines do not by themselves eliminate danger. They are not substitutes for proper accident prevention procedures and good judgement.

SAFETY MESSAGES

A safety message alerts you to potential hazards that could hurt you or others. Each safety message is preceded by a safety alert symbol () and one of three words: **DANGER**, **WARNING**, or **CAUTION**.



DANGER You **WILL** be **KILLED** or **SERIOUSLY INJURED** if you **DO NOT** follow directions.



WARNING You **CAN** be **KILLED** or **SERIOUSLY INJURED** if you **DO NOT** follow directions.



CAUTION You **CAN** be **INJURED** if you **DO NOT** follow directions. It may also be used to alert against unsafe practices.

DAMAGE PREVENTION AND INFORMATION MESSAGES

A Damage Prevention Message is to inform the user of important information and/or instructions that could lead to equipment or other property damage if not followed. Information Messages convey information that pertains to the equipment being used. Each message will be preceded by the word **NOTE**, as in the example below.

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

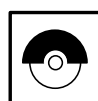
GENERAL SAFETY PRECAUTIONS AND HAZARD SYMBOLS

In order to prevent injury, the following safety precautions and symbols should be followed at all times!

SAFETY PRECAUTIONS



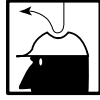
ALWAYS read this Owner's Manual before operating the machine. **DO NOT** operate or service this equipment before reading this entire manual. Read and understand all warnings, instructions and controls on the machine. Know how to stop the equipment quickly in case of emergency. It is the operators responsibility to use this machine under safe working conditions and conform with federal, state and local codes or regulations pertaining to safety, air, pollution, noise etc...



ALWAYS keep the Blade and Belt Guards in place. **DO NOT** operate this machine with any guard or safety device removed. A Guard, or any damaged part should be repaired or replaced immediately.



NEVER operate this equipment without proper protective clothing, shatterproof glasses, steel-toed boots and other protective devices required by the job. Non-slip foot wear is recommended.

**PERSONAL PROTECTIVE EQUIPMENT**

ALWAYS wear approved respiratory, head, ear and eye protection when operating this machine.

**ACCIDENTAL STARTS!**

Before starting the engine/motor, be sure the **ON/OFF** switch is in the **OFF** position to prevent accidental starting. Place the **ON/OFF** switch in the **OFF** position before performing any service operation. **ALWAYS** place the power **ON/OFF** switch in the **OFF** position when the machine is not in use.

**ROTATING PARTS**

Keep hands, feet, hair, and clothing away from all moving parts to prevent injury. Never operate the motor with covers, shrouds, or guards, removed.

**HOT PARTS!**

Engine components can become extremely hot from operation. To prevent severe burns, do not touch these areas while the engine is running, or immediately after it is turned off. Never operate the engine with heat shields removed.

**OVER SPEED**

NEVER tamper with the governor components or settings to increase the maximum speed. Severe personal injury and damage to the engine or equipment can result if operated at speeds above maximum.

**ELECTRICAL SHOCK**

NEVER touch electrical wires or components while the engine is running. Exposed, frayed or worn electrical wiring and plugs can be sources of electrical shock which could cause severe injury or burns. Do not touch the plug with wet hands.



ALWAYS avoid inhalation of and skin contact with silica dust and/or mist. Provide proper dust removal. Use dust-collection system when applicable.



NEVER operate the machine in an explosive atmosphere or near combustible materials. Sparks from the cutting-action of this machine can ignite flammable materials, liquids, gases or dust.



This equipment should not be operated by persons under 18 years of age.

**KEEP CHILDREN AWAY**

All visitors and children should be kept a safe distance from work area. Maintain a safe operating distance to other personnel.

**MAKE THE WORKSHOP KID PROOF**

Make the workshops kid proof by using padlocks, master switches or by removing starter keys.

**DO NOT FORCE THE TOOL**

A power tool will do a job better and safer operating at the rate for which it was designed. **DO NOT** force a tool or an attachment to do a job that it was not designed to do.

**USE PROPER APPAREL**

DO NOT wear loose clothing, gloves, neckties, rings, bracelets, or other jewelry that may be caught in moving parts. Non-slip footwear is recommended. Wear protective hair covering to contain long hair.

**SECURE WORK**

Clamps or a vise should be used to hold work whenever practical. Keeping your hands free to operate a power tool is safer.

**DO NOT OVERREACH**

Keep proper footing and balance at all times by not overreaching.

**DISCONNECT TOOLS**

Power tools should always be disconnected before servicing, adjusting or when changing accessories, such as blades, bits, cutters, and the like.

**MAINTAIN TOOLS WITH CARE**

Keep tools clean and maintained for the best and safest performance. Always follow maintenance instructions and examine the machine before use. If any abnormal vibrations or noises occurs, turn off machine immediately and have the problem corrected before further use.

**REMOVE ADJUSTING KEYS AND WRENCHES**

Form a habit of checking to see that keys and adjusting wrenches are removed from the power tool before it is turned on.

**KEEP WORK AREA CLEAN**

Cluttered work areas and benches invite accidents. Keep area around machine clear of obstructions which could cause persons to fall.

**DO NOT USE IN DANGEROUS PLACES**

DO NOT operate equipment in dangerous or hazardous environments. **DO NOT** use power tools in damp or wet locations nor expose them to rain. Always keep the work area well lighted.

**USE RECOMMENDED ACCESSORIES**

Consult the owner's manual for recommended accessories. Using improper accessories may increase the risk of personal or by-stander injury. Unauthorized equipment modifications will void all warranties. Manufacturer does not assume responsibility for any accident due to equipment modifications.



ALWAYS ensure that the machine is on level ground before using.

**NEVER STAND ON THE TOOL**

Serious injury could occur if a power tool is tipped, or if a cutting tool is unintentionally contacted.

**TRANSPORT**

When loading or unloading the machine, use caution. Remove the blade prior to hoisting, loading and transporting the machine.

**CHECK FOR DAMAGED PARTS**

Before using a power tool, check for damaged parts. A guard or any other part that is damaged should be carefully checked to determine if it would operate properly and perform its intended function. Always check moving parts for proper alignment or binding. Check for broken parts and mountings and all other conditions that may affect the operation of the power tool. A guard, or any damaged part, should be properly repaired or replaced. Always check the machine for loose bolts before starting.

**DIRECTION OF ROTATION**

A blade or cutter should always be installed so that rotation is in the direction of the arrow imprinted on the side of the blade or cutter. It should correspond with the rotational direction of the motor. Always feed work into a blade against the direction of rotation.

**NEVER LEAVE A TOOL UNATTENDED**

TURN POWER OFF - Do not leave a tool until it comes to a complete stop. **ALWAYS** turn a power tool **OFF** when leaving the work area, or, when a cut is finished.



NEVER disconnect any "emergency or safety devices". These devices are intended for operator safety. Disconnection of these devices can cause severe injury, bodily harm, or even death! Disconnection of any of these devices will void all warranties. Unauthorized equipment modifications will void all warranties. Manufacturer does not assume responsibility for any accident due to equipment modifications.



NEVER use this machine with any cutter designed for woodworking.



NEVER operate this equipment when not feeling well due to fatigue, illness or taking medicine.



NEVER operate this equipment under the influence of drugs or alcohol.



On belt driven equipment, overtensioning of belts will result in premature crank and/or bearing failure.



Whenever necessary, replace nameplate, operation and safety decals when they become difficult to read.



ALWAYS store equipment properly when it is not being used. Equipment should be stored in a clean, dry location out of the reach of children



DO NOT lend or rent this equipment without including the Owner's Manual and the Engine/Motor Manufacturer's Manual.



Check the chemical properties of the material to be cut/grinded and follow all EPA/OSHA Regulations.

SILICA DUST WARNING

Grinding/cutting/drilling of masonry, concrete, metal and other materials with silica in their composition may give off dust or mists containing crystalline silica. Silica is a basic component of sand, quartz, brick clay, granite and numerous other minerals and rocks. Repeated and/or substantial inhalation of airborne crystalline silica can cause serious or fatal respiratory diseases, including silicosis. In addition, California and some other authorities have listed respirable crystalline silica as a substance known to cause cancer. When cutting such materials, always follow respiratory precautions.

Use appropriate NIOSH-approved respiratory protection where dust hazard may occur. Paper masks or surgical masks without a NIOSH approval number are not recommended because they do little to protect the worker. For more information about respirator programs, including what respirators have received NIOSH approval as safe and effective, please visit the NIOSH website at:

<http://www.cdc.gov/niosh/topics/respirators>

Observe OSHA regulations for respirator use (29 C.F.R. §1910.134).

Visit <http://www.osha.gov> for more information.

CALIFORNIA PROPOSITION 65 MESSAGE

Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contain chemicals known (to the State of California) to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

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

For further information, consult the following sources:

<http://www.osha.gov/dsg/topics/silicacrystalline/index.html>

<http://www.cdc.gov/niosh/docs/96-112/>

<http://oehha.ca.gov/prop65/law/P65law72003.html>

<http://www.dir.ca.gov/Title8/sub4.html>

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, and work with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles. Where use of a dust extraction device is possible, it should be used. To achieve a high level of dust collection, use an industrial HEPA vacuum cleaner. Observe OSHA 29 CFR part 1926.57 and 1926.103.



WARNING

Sawing, grinding and drilling generate dust. Excessive airborne particles may cause irritation to eyes, skin and respiratory tract. To avoid breathing impairment, always employ dust controls and protection suitable to the material being sawed or drilled; See OSHA (29 CFR Part 1910.1200).

ELECTRICAL REQUIREMENTS AND GROUNDING INSTRUCTIONS

In order to prevent electrical shock and injury, the following electrical safety precautions and symbols should be followed at all times!

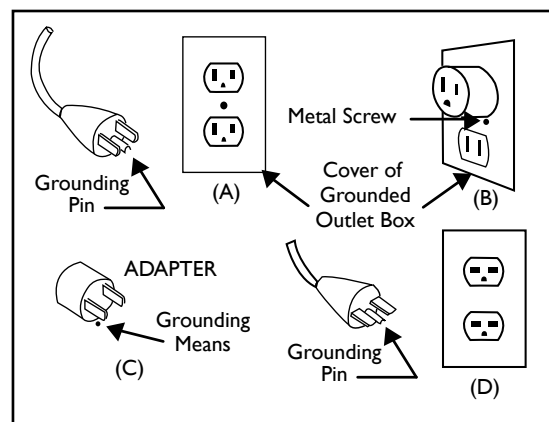


WARNING

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

- **DO NOT** modify the plug provided - if it will not fit the outlet, have the proper outlet installed by a qualified electrician.
- Improper connections of the equipment-grounding conductor can result in a risk of electric shock. The equipment-grounding conductor is the insulated conductor that has an outer surface that is green, with or without yellow stripes. If repair or replacement of the electric cord or plug is necessary, **DO NOT** connect the equipment-grounding conductor to a live terminal.
- Check with a qualified electrician or service personnel if the grounding instructions are not completely understood, or if in doubt as to whether the tool is properly grounded.
- Use only 3-wire extension cords that have 3-prong grounding plugs and 3-pole receptacles that accept the tool's plug.
- Repair or replace a damaged or worn cord immediately.

This tool is intended for use on a circuit that has an outlet that looks like the one shown in Sketch A. The tool has a grounding plug that looks like the plug illustrated in Sketch A. A temporary adapter, which looks like the adapter illustrated in sketches B and C, may be used to connect this plug to a 2-pole receptacle as shown in Sketch B, if a properly grounded outlet is not available. The temporary adapter should be used only until a properly grounded outlet can be installed by a qualified electrician. The green-colored rigid ear, plug, and the like, extending from the adapter, must be connected to a permanent ground, such as a properly grounded outlet box.



Circuit and Adapter Information

NOTE: Use of a temporary adapter is not permitted in Canada.

NOTE: If permanently connected this tool should be connected to a grounded metal permanent wiring system; or to a system having an equipment - grounding conductor.

ELECTRIC MOTOR SAFETY

For maintenance care and operation of the electric motor, refer to your electric motor instruction booklet furnished with the electric motor. Protect the electric motor from dust as much as possible and keep ventilating openings clean. Before plugging in the machine, make sure that the outlet voltage is within the voltage marked on the machines's data plate.



CAUTION



DO NOT spray water on the electric motor. **DO NOT** touch the plug with wet hands. To reduce the risk of electrocution, keep all connections dry and off the ground.



DO NOT operate electric motor in an explosive environment.



DO NOT EXPOSE TO RAIN

DO NOT expose to rain or use in damp locations.



WARNING



If operating the equipment in damp locations is unavoidable, **ALWAYS** use a Ground Fault Circuit Interrupter, **ALWAYS** wear rubber gloves and footwear in damp conditions.



DO NOT abuse the cord. Never use the cord to carry the equipment or to pull the plug from the outlet. Keep the cord away from heat, sharp edges, and moving parts. Replace damaged cords immediately. Damaged cords increase the risk of electric shock.



WARNING

To reduce the risk of electrocution, keep all connections dry and off the ground. A Ground Fault Circuit Interrupter (GFCI) should be provided on the circuit(s) or outlet(s) to be used for this machine. Receptacles are available having built-in GFCI protections and may be used for this measure of safety. When using an extension cord, GFCI should be installed closest to the power source, followed by the extension cord and lastly, the machine.



WARNING

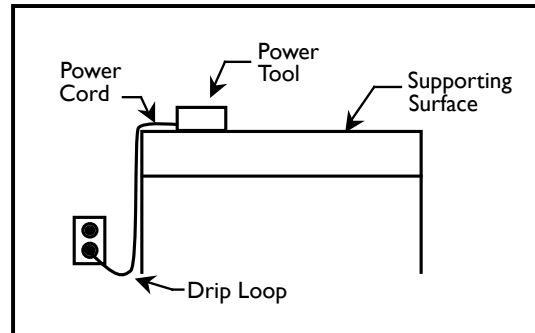
The water pump requires a GFCI. To reduce risk of electrical shock when operating the machine with the pump plugged into the 3-pole receptacle on the motor, connect the machine to a GFCI outlet. See the pump manual and informational tags enclosed separately for all pump information.

**WARNING**

To avoid the possibility of the appliance or plug receptacle getting wet, position the machine to one side of a wall mounted receptacle. This will prevent water from dripping into the receptacle or plug. A "drip loop," shown in the picture below, should be arranged by the user to properly position the power cord relative to the power source. Use the drip loop as a way to prevent GFCI and plug from getting wet.

The "drip loop" is that part of the cord below the level of the receptacle (or the connector, if an extension cord is used). This method of positioning the cord prevents the travel of water along the power cord and coming in contact with the receptacle.

If the plug or receptacle gets wet, **DO NOT** unplug the cord. Disconnect the fuse or circuit breaker that supplies power to the tool. Then unplug and examine for presence of water in the receptacle.



Drip Loop Information

**WARNING**

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

ALWAYS make certain that the power source required for the electric motor is correct and always use the correct NEMA configuration plug. Motors can burn out when the line voltage falls 10% below the voltage rating of the motor. Failure to use proper voltage will cause the motor to overheat. Make certain that the correct size grounded (3-wires) extension cord is used.



WARNING

Use of undersized extension cords result in low voltage to the motor that can result in motor burnout and premature failure. MK Diamond warns that equipment returned to us showing signs of being run in a low voltage condition, through the use of undersized extension cords, will be repaired or replaced totally at the customer's expense. There will be no warranty claim.

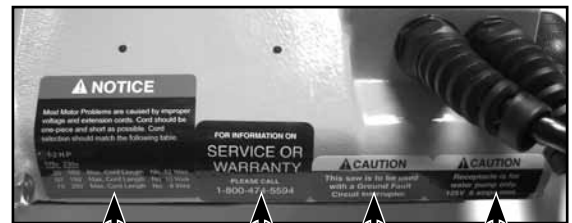
To choose the proper extension cord,

- Locate the length of extension cord needed in the table below.
- Once the proper length is found, move down the column to obtain the correct AWG size required for that length of extension cord.

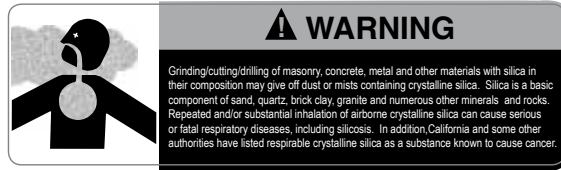
| EXTENSION CORD LENGTH | | | | | | | |
|------------------------------|-------------|-----|------|------|------|------|------|
| Nameplate Amperes | 115V | 25' | 50' | 75' | 100' | 150' | 200' |
| | 250V | 50' | 100' | 150' | 200' | 300' | 400' |
| 0 - 5 | | 16 | 16 | 16 | 14 | 12 | 12 |
| 5.1 - 8 | | 16 | 16 | 14 | 12 | 10 | • |
| 8.1 - 12 | | 14 | 14 | 12 | 10 | • | • |
| 12.1 - 15 | | 12 | 12 | 10 | 10 | • | • |
| 15.1 - 20 | | 10 | 10 | 10 | • | • | • |

SAFETY LABEL LOCATIONS

The warning labels contain important safety information. Please read the information contained on each safety label. These labels are considered a permanent part of your saw. If a label comes off or becomes hard to read, contact MK Diamond or your dealer for a replacement.



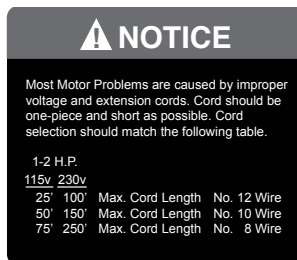
Label A



Label B



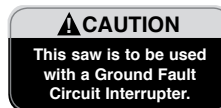
Label G



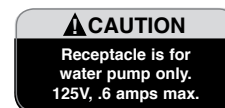
Label C



Label D



Label E



Label F

Tile Master Label Sheet Part#166012

| Decal/Label | Location | Description |
|-------------|--------------------|-------------------------------------|
| A | Cutting Head Front | Warning - Read Owner's Manual |
| B | Cutting Head Front | Warning - Silica Warning |
| C | Cutting Head Back | Notice - Voltage / extension cords |
| D | Cutting Head Back | Service / Warranty |
| E | Cutting Head Back | Caution - Use with GFCI only |
| F | Cutting Head Back | Caution - Receptacle for water pump |
| G | Cutting Head Back | QR Manuals |

PRODUCT SPECIFICATIONS

The MK-660 Saw is a versatile Tile Saw. Operated and used according to this manual, the MK-660 will provide years of dependable service.

GENERAL DESCRIPTION

The MK-660 Saw is engineered as a tabletop or stand mounted wet tile saw. The saw includes a powerful 120v electric motor. The saw is capable of cutting tile up to fourteen (14) inches in length. The saw can cut an object two (2) inches thick in one pass.

MOTOR SPECIFICATIONS

Motor specifications for the MK-660 Saw are listed in the table below:

| | |
|----------------------------|----------|
| Voltage | 120v |
| Motor Only Amperage | 8.8 a |
| Frequency | 60Hz |
| RPM | 3500 rpm |
| Horse Power | 3/4 hp |
| Weight | 53 lbs. |

BLADE CAPACITY

The MK-660 Saw uses a seven (7) inch (178mm) diameter, wet cutting continuous rim, MK Diamond blade with a five-eighths (5/8) inch (15.875 mm) arbor.

TILE TYPES

The MK-660 Saw can cut a variety of tile types including stone, masonry, and lapidary products.

NOTE: The MK-660 Saw is not designed to cut plastic or metals.

UNPACKING

Your MK-660 Saw has been shipped from the factory thoroughly inspected. Only minimal assembly is required.

⚠ CAUTION Use proper lifting techniques when lifting the MK-660 Saw.

If not done, remove the MK-660 Saw, Cutting Head and accessory box from the carton.

CONTENTS

In your container, you will find one (1) MK-660 Frame and Water Pan, one (1) MK-660 Cutting Head, (1) Cutting Head Height Adjusting Knob, (1) Height Adjusting Knob Flat Washer, one (1) 7-inch Wet Cutting Continuous Rim Diamond Blade, one (1) Adjustable Cutting Guide, one (1) Electric Water Pump, one (1) Pump Discharge Fitting, one (1) Cooling Transfer Tube, one (1) Flow Adjusting Clamp, one (1) Drain Plug, one (1) Blade Wrench, one (1) Table Clip, one (1) Inner Flange Wrench, (1) Splash Guard, one (1) Owner's Manual, one (1) Pump Manual and one (1) Warranty Card.



MK-660 Frame and Water Pan



MK-660 Cutting Head



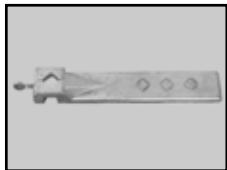
Height Adjusting Knob



Height Adjusting Knob Flat Washer



Diamond Blade



Adjustable Cutting Guide



Electric Water Pump



Pump Discharge Fitting



Cooling Transfer Tube



Flow Adjusting Clamp



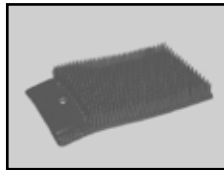
Drain Plug



Blade Wrench and Table Clip



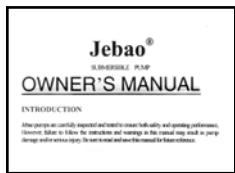
Inner Flange Wrench



Splash Guard



Owner's Manual



Pump Manual



Warranty Card

TRANSPORT

⚠ CAUTION

1. The MK-660 Saw weighs approximately fifty-three (53) pounds; use care when transporting.
2. Never transport the MK-660 Saw with water in the Water Pan.

The MK-660 Saw is designed with a rigid frame and removable Cutting Head. Always use proper lifting techniques when lifting the MK-660 Saw.

To lift the saw, grasp the front and back of the frame at the lift points shown below.



STAND (Optional)

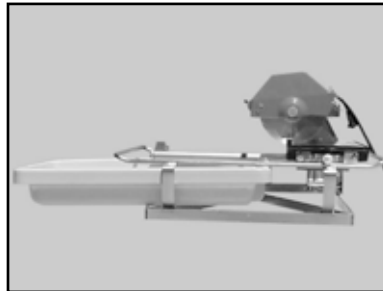
⚠ CAUTION

The MK-660 Saw weighs fifty-three (53) pounds; follow the guidelines in the TRANSPORT section when placing it on the stand (MK Diamond Part# 151889).

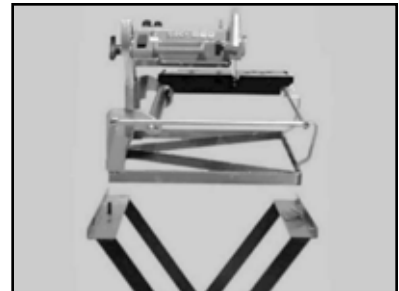
NOTE: If using the Optional MK Diamond Stand, follow these steps:



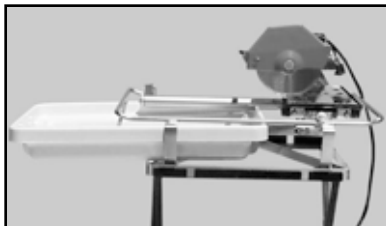
(A)
Open the stand and place on flat surface



(B)
Remove Water Basin, place saw on stand



(C)
Ensure saw frame is positioned properly



(D)
Reinstall the Water Basin

CUTTING HEAD INSTALLATION

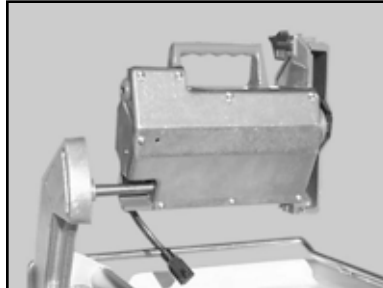
Follow the assembly instructions to prepare your MK-660 Saw for operation.

NOTE: If the Cutting Head is installed, go to step next step.



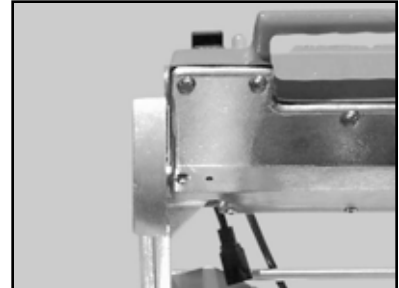
(A)

Place the Flat Washer onto the Height Adjusting Knob



(B)

Align Cutting Head Pivot Hole to the Post, Pivot Shaft



(C)

Verify the Cutting Head is completely installed and seated on the Pivot Shaft



(D)

Install the Adjusting Knob

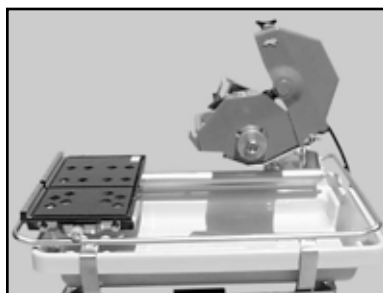
DIAMOND BLADE INSTALLATION

NOTE: When installing the Retaining Screw, do not "cross-thread" and DO NOT over tighten the screw.



(A)

Loosen the Blade Guard Retaining Screw



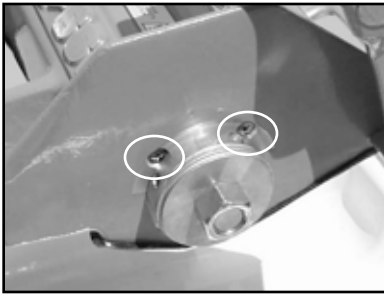
(B)

Open the Outer Blade Guard to expose the Retaining Nut and Flanges

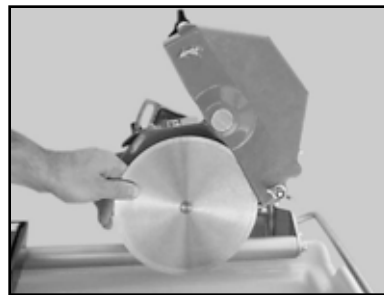


(C)

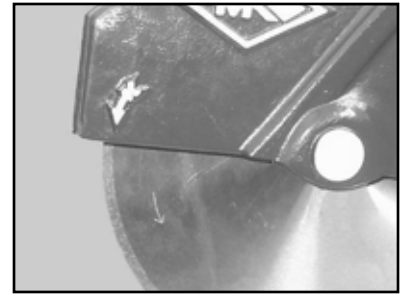
Using the Blade Nut Wrench, loosen and then remove the Retaining Nut and Outer Flange



(D)
Locate the Inner Flange
Wrench Retaining Holes



(E)
Install Diamond Blade
onto Blade Shaft



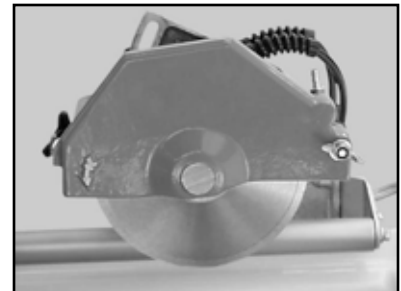
(F)
Verify the Blade is seated on the
Blade Shaft and direction
of rotation is correct



(G)
Install the Retaining Nut and Outer
Flange. Hold the Shaft using the
Inner Flange Retaining Wrench
and tighten using the Blade
Wrench



(H)
Close the Outer Blade Guard
and tighten the Blade Guard
Retaining Screw



(I)
Tighten the Outer Blade Guard
Pivot Screw

ADJUSTABLE CUTTING GUIDE INSTALLATION



(A)
Loosen adjustable Cutting
Guide retaining thumbscrew and
place it over the movable
Cutting Table Ruler/Stop



(B)
Place the adjustable Cutting
Guide onto the movable Cutting
Table Ruler/Stop and tighten the
retaining thumbscrew

SPLASH GUARD INSTALLATION

Follow the assembly instructions to prepare your MK-660 Saw for operation.



(A)

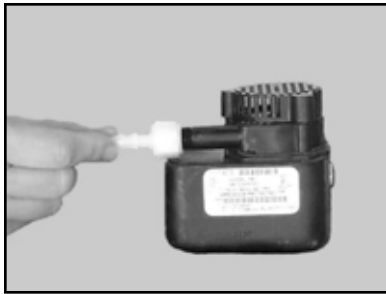
Install the retaining thumbscrew through the washer and Splash Guard, then align to the hole



(B)

Install the Splash Guard onto the Blade Guard

WATER PUMP INSTALLATION



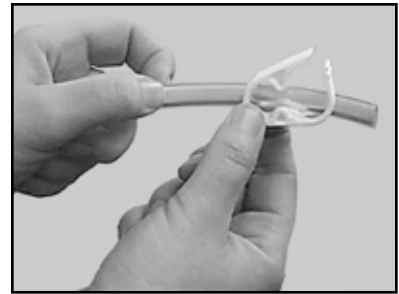
(A)

Install Water Pump Discharge Fitting



(B)

Press one end of the Cooling Transfer Tube onto the Water Pump Discharge Fitting

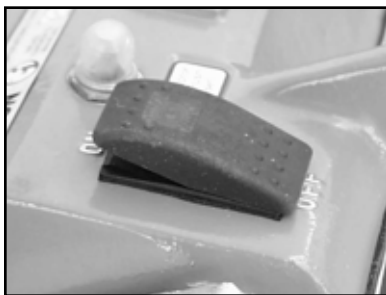


(C)

Slide Cooling Flow Adjusting Clamp onto the Cooling Transfer Tube

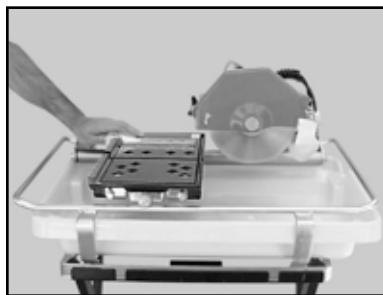
PRE-START INSPECTION

Prior to beginning work, a pre-start inspection of the saw should be preformed.



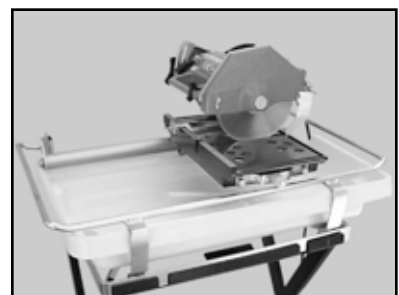
(A)

Ensure the ON/OFF Switch is in the OFF position



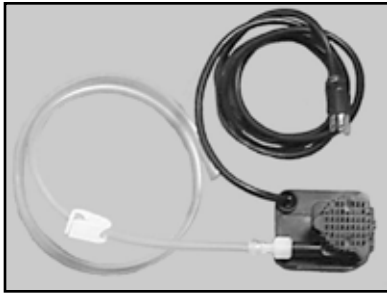
(B)

Verify the movable Cutting Table moves freely



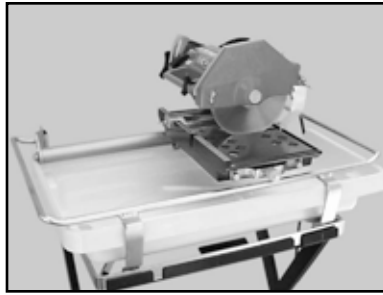
(C)

Inspect the Diamond Blade for damage - verify the blade is correct for the material being cut



(D)

Inspect the Pump Assembly for damage - ensure the cord is free of cracks or cuts



(E)

Inspect the MK-660 for damage - ensure the cord is free of cracks or cuts

CONNECTING THE WATER PUMP

Prior to beginning work, a pre-start inspection of the saw should be performed.

- WARNING** 1. To prevent the possibility of electrical shock, the MK-660 Saw **MUST** be de-energized when connecting the Water Pump.



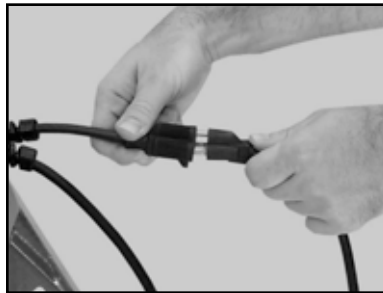
2. To prevent the possibility of electrical shock, use only MK Diamond qualified replacement parts.

NOTE: To prevent pump damage, the Water Pump must be disconnected if cutting with a Dry Blade.



(A)

Connect the Coolant Transfer Tube to the inlet connection of the Blade Guard



(B)

Connect the Water Pump power cord to the connection found on the back of the motor

WATER PUMP SETUP FOR OPERATION

The Water Pump can be setup for operation in two ways, External Water Source or Re-circulation.

NOTE: To prevent pump damage, the Water Pump must be disconnected if cutting with a Dry Blade.



(A)
Remove the Drain Plug



(B)
Place the Water Pump
in an external container



(C)
Fill the external container until
water completely covers the
Water Pump suction



(A)
Place an external catch Basin
below the Water Pan drain
hole

RECIRCULATION

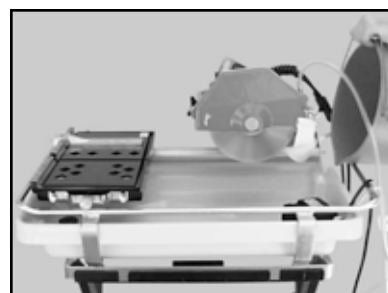
NOTE: When using the re-circulation method, the water should be changed often for longer pump life.



(A)
Ensure the Drain Plug is in-
stalled in the Water Pan



(B)
Place the Water Pump in the
back of the Water Pan



(C)
Fill the Water Pan until water
completely covers the Water
Pump suction

MK-660 SAW SETUP FOR OPERATION



CAUTION

1. Check for damaged, broken, or missing parts.
2. Verify the On/Off switch is in the OFF position.
3. Before connecting the MK-660 Saw to a power supply, be sure the voltage, cycle and phase of the job site power source meet the requirements of the table below:

| | |
|----------|---------|
| VOLTAGE: | 120v |
| CYCLE: | 60hz |
| PHASE: | 1-phase |

4. If using an extension power cord, make sure the length and wire gauge correspond to the requirements listed in the table on page 10. An extension power cord that is too small in wire gauge (diameter), or too long in length, will cause the motor to overheat and could cause premature failure.
5. Use an approved Ground Fault Circuit Interrupter (GFCI).
6. Do not cover the motor vents as this could lead to motor overheating.

NOTE: In order to avoid breaker tripping, a 20-amp circuit breaker should be used.



- (A) Ensure the ON/OFF Switch is in the OFF position
- (B) Plug MK-660 Saw into the GFCI
- (C) Plug the GFCI into the power source

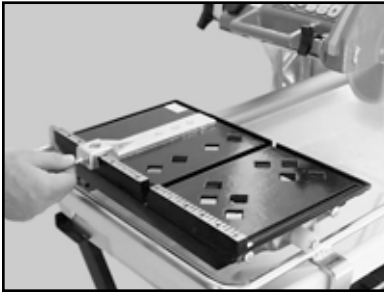
NOTE: MK Diamond has available, as an accessory item, (Part # 152610) a plug-in GFCI that may be plugged into a properly installed and grounded 3-pole outlet.

PORTABLE GENERATOR

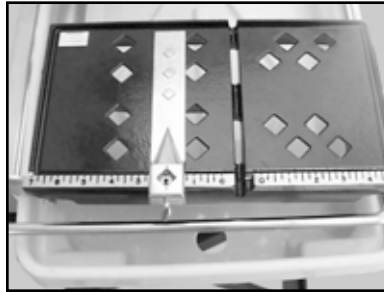
If using a portable generator to provide power, ensure the generator meets the following minimum requirements: 8 KW 120/240 volts 66.7/33.3 amps Single Phase

CUTTING STRAIGHT EDGES

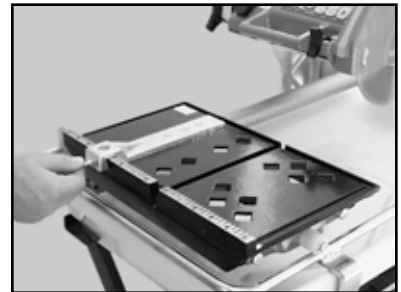
⚠ CAUTION DO NOT FORCE THE TOOL. It will do the job better and safer at the rate for which it was designed.



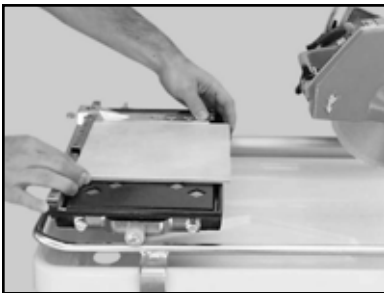
(A)
Loosen the adjustable Cutting Guide retaining thumbscrew



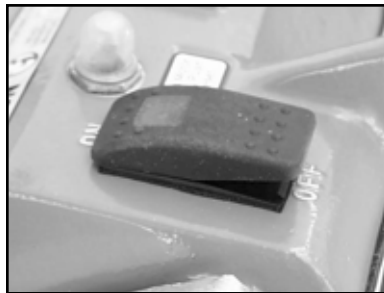
(B)
Position the adjustable Cutting Guide to desired cut length indicated inside the diamond



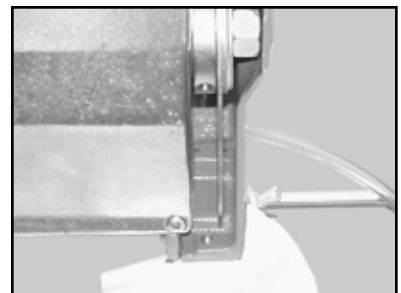
(C)
Tighten the retaining thumbscrew



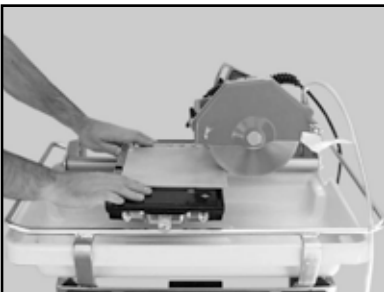
(D)
Place the tile against the Ruler/Stop and Cutting Guide



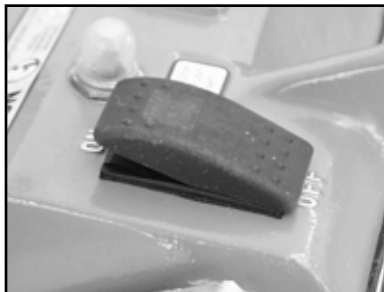
(E)
Turn the motor ON



(F)
Verify flow on both sides of the blade (See Maintenance Section to adjust flow)



(G)
Perform the cut



(H)
Turn the motor OFF when work is complete

DIAGONAL CUTTING

NOTE: To cut 45° Diagonals, the 45° Flat Angle Guide (MK Diamond Part No. 134577-MK) should be used.

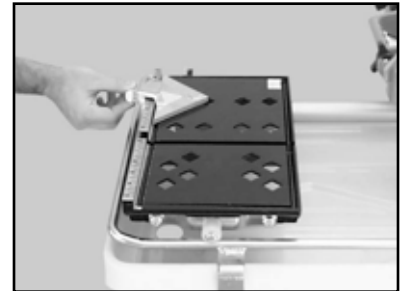
⚠ CAUTION DO NOT FORCE THE TOOL. It will do the job better and safer at the rate for which it was designed.



(A)
Remove the adjustable Cutting Guide

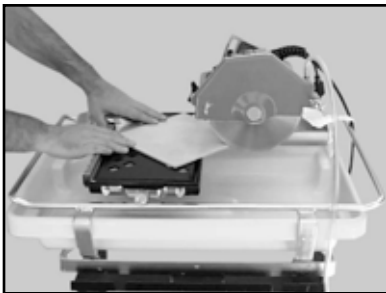


(B)
Place the Dual 45° Flat Angle Guide on the Ruler/Stop

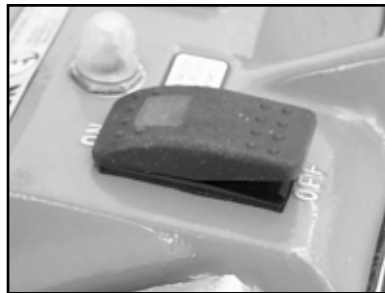


(C)
Position the Dual 45° Flat Angle Guide and tighten the retaining thumbscrew

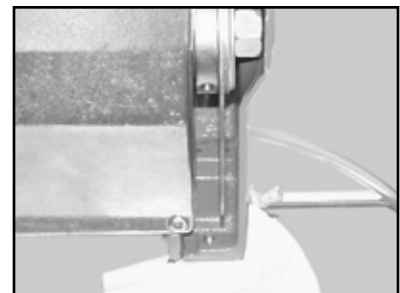
NOTE: If cutting the tile in two equal halves, align the tile in the V-notch of the movable Cutting Table Ruler/Stop.



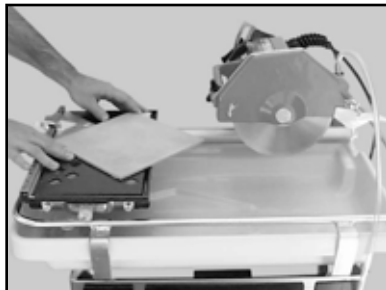
(D)
Position the tile against the Dual 45° Flat Angle Guide and the Ruler/Stop



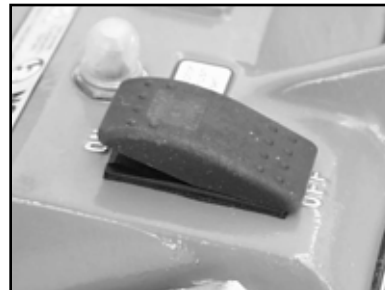
(E)
Turn the motor ON



(F)
Verify cooling flow on both sides of the blade (See Maintenance Section to adjust flow)



(G)
Perform the cut

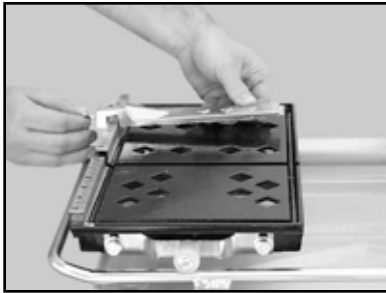


(H)
Turn the motor OFF when work is complete

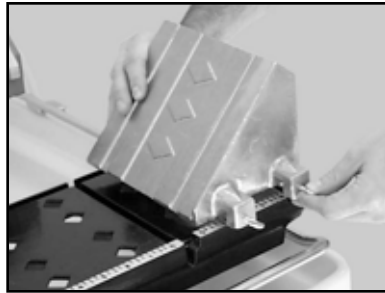
45° MITER CUTTING

NOTE: To cut 45° Miters, the 45° Bullnose Miter Guide (MK Diamond Part No. 153201-MK) should be used.

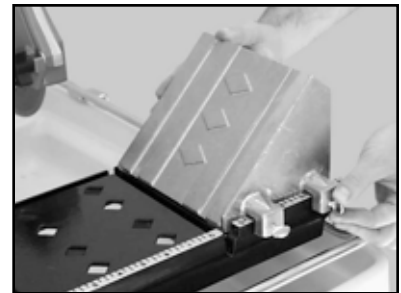
⚠ CAUTION DO NOT FORCE THE TOOL. It will do the job better and safer at the rate for which it was designed.



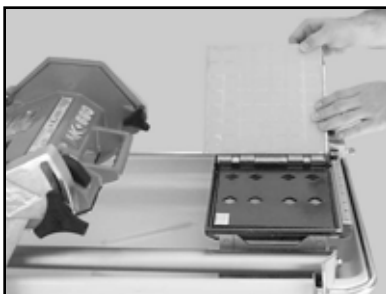
(A)
Remove the adjustable Cutting Guide



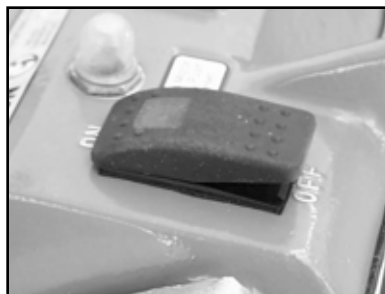
(B)
Place the 45° Bullnose Miter Guide on the Ruler/Stop



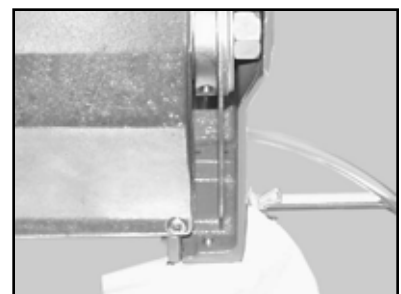
(C)
Position the 45° Bullnose Miter Guide and tighten the retaining thumbscrew



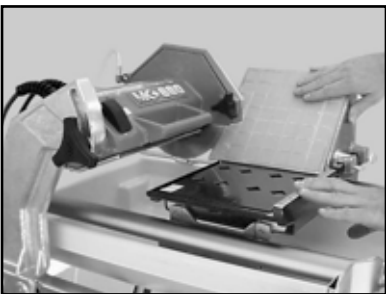
(D)
Position the tile on the 45° Bullnose Miter Guide and the Ruler/Stop



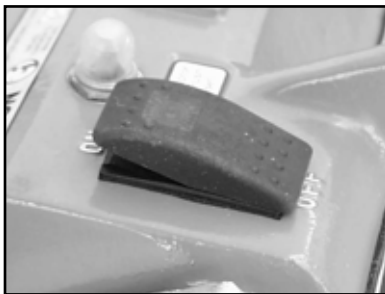
(E)
Turn the motor ON



(F)
Verify cooling flow on both sides of the blade (See Maintenance Section to adjust flow)



(G)
Perform the cut



(H)
Turn the motor OFF when work is complete

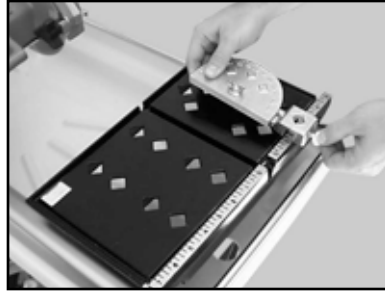
OFF-ANGLE CUTTING

NOTE: To cut angles other than 45° angles, a Protractor (MK Diamond Part No. 134569-MK) should be used.

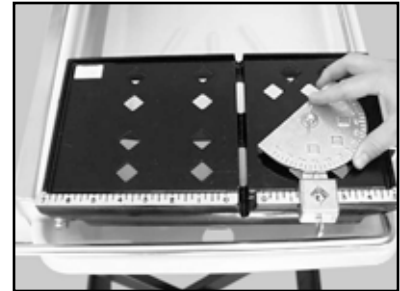
⚠ CAUTION DO NOT FORCE THE TOOL. It will do the job better and safer at the rate for which it was designed.



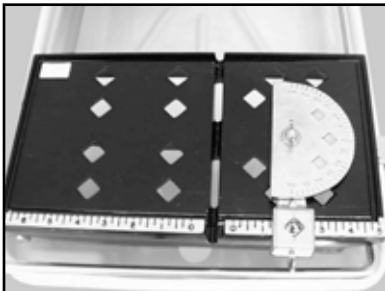
(A)
Remove the adjustable Cutting Guide



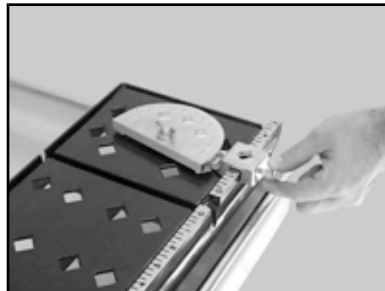
(B)
Place the Protractor on the Ruler/Stop



(C)
Set the desired angle and tighten the thumbscrew



(D)
Position the Protractor cutting guide to the desired cut length indicated inside the diamond



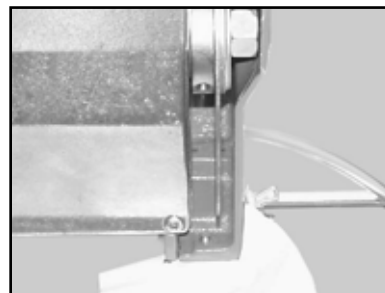
(E)
Tighten the retaining thumbscrew



(F)
Position the tile against the Protractor and the Ruler/Stop



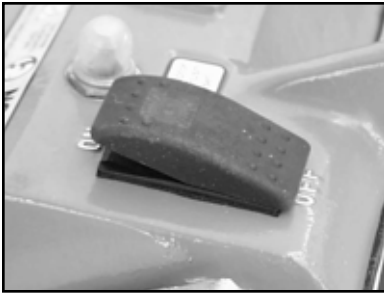
(G)
Turn the motor ON



(H)
Verify flow on both sides of the blade (See Maintenance Section to adjust flow)



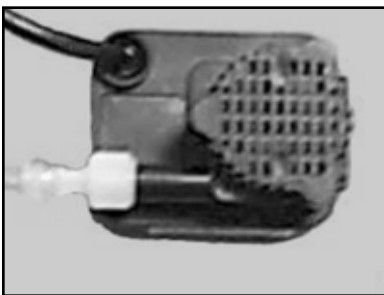
(I)
Perform the cut



(J)
Turn the motor OFF when work is complete

CLEANUP

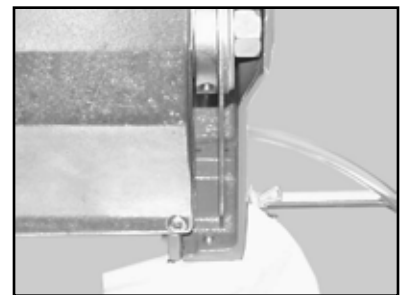
- NOTE:** 1. If an external water source was used, steps A through C may be skipped.
 2. Dispose of wastewater in accordance with applicable Federal, State and Local laws.



(A)
Clean the Water Pump suction of all debris

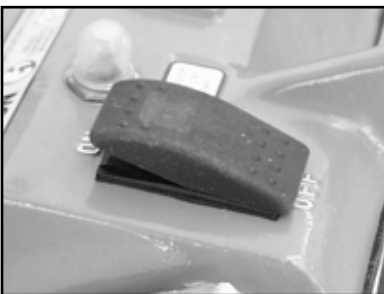


(B)
Place the Water Pump in an external container



(C)
Run the MK-660 Saw until clear water is seen at the blade coolant ports (Approx. one (1) minute)

CAUTION Ensure the saw is disconnected before completing the remainder of the cleanup process.



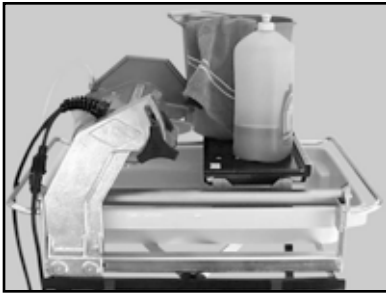
(D)
Ensure the ON/OFF switch is in the OFF position



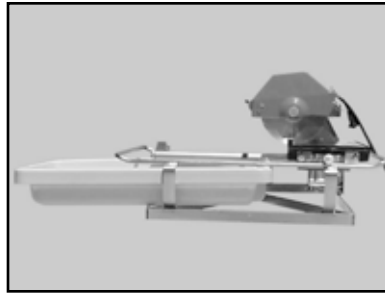
(E)
Unplug the GFCI from the power source



(F)
Unplug MK-660 from the GFCI



(G)
Clean the MK-660 Saw with soap and clean water



(H)
Remove the Water Pan from the MK-660 Saw



(I)
Clean the Water Pan

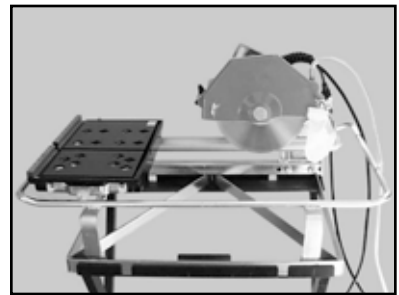
CAUTION Ensure water is not forced into the motor casing when cleaning.



(J)
Clean the movable Cutting Table Guide Bar



(K)
Clean the movable Cutting Table Roller Wheel Frame Support



(L)
Clean the remainder of the MK-660 Saw

MAINTENANCE FOLLOWING USE

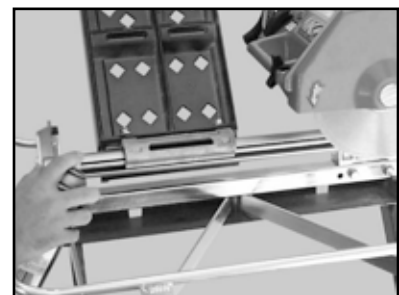
To extend the life of the MK-660 Saw, the following procedure should be performed after each use. Lubricate all points listed below with light oils such as, 3 in 1, WD-40, etc.



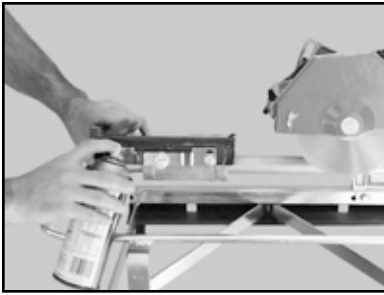
(A)
Ensure the ON/OFF switch is in the OFF position



(B)
Unplug MK-660 Saw



(C)
Lubricate the Guide Bar



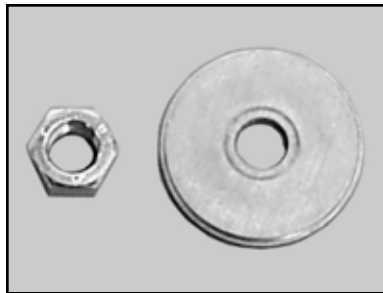
(D)
Lubricate the Roller Wheel
Assembly

MONTHLY MAINTENANCE

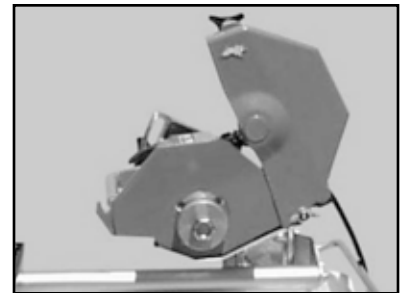
The following maintenance should be performed monthly.



(A)
Remove the Diamond Blade



(B)
Lubricate the Outer Flange and
Retaining Nut



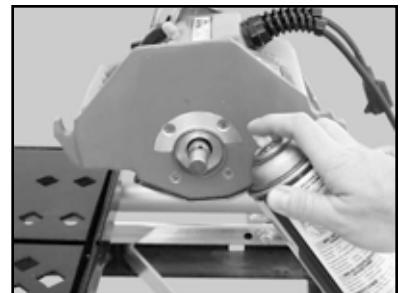
(C)
Remove the Outer Blade
Guard



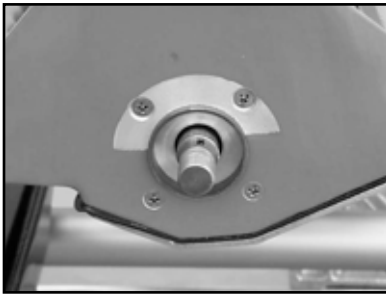
(D)
Remove the Inner Flange



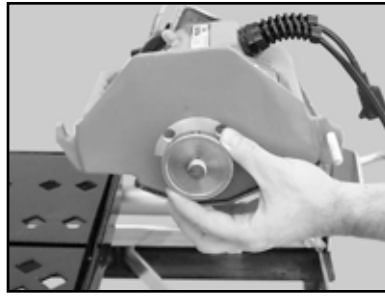
(E)
Clean around the Motor Shaft
and clean the Inner Flange



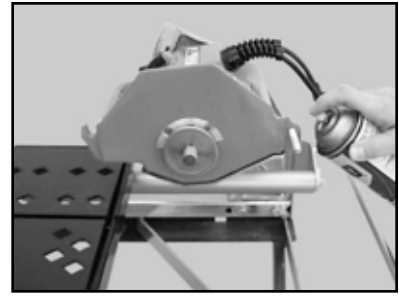
(F)
Lubricate the Motor Shaft
and Inner Flange



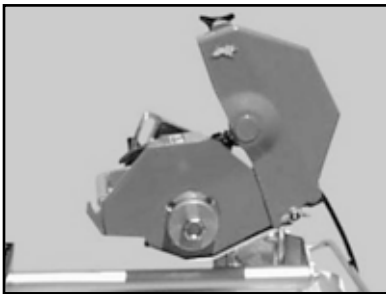
(G)
Locate the Motor Shaft Alignment Pin



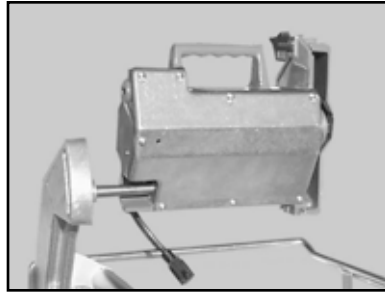
(H)
Align the Alignment Slot of the Inner Flange to the Motor Shaft Alignment Pin and install the Inner Flange



(I)
Lubricate the Outer Blade Guard Pivot Shaft



(J)
Install the Outer Blade Guard



(K)
Remove the Cutting Head



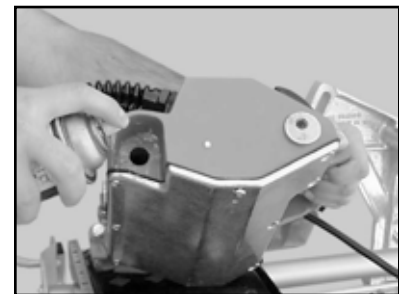
(L)
Lubricate the Cutting Head Pivot Shaft



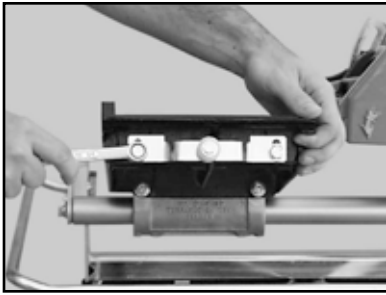
(M)
Lubricate the Cutting Head Adjustment Knob



(N)
Lubricate the Cutting Head Adjustment Knob retaining holes



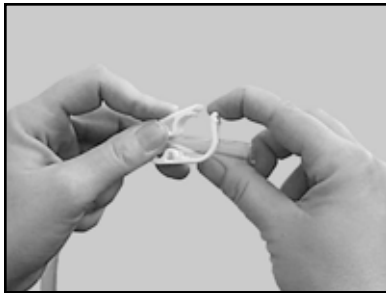
(O)
Lubricate the Cutting Head Pivot Hole



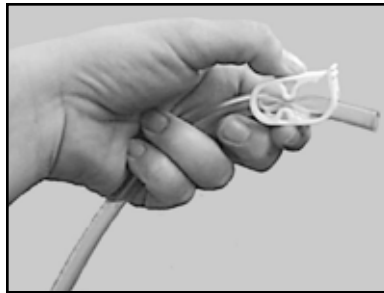
(P)
Verify the Cutting Table Roller
Wheel Assembly is tight

FLOW ADJUSTMENT

NOTE: If flow to the Diamond Blade requires adjustment, perform the following actions:



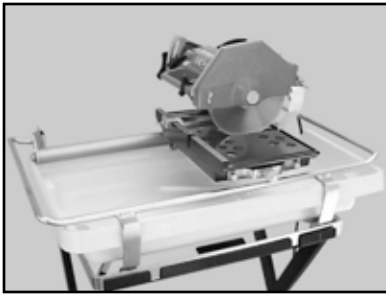
(A)
Increase cooling flow by
releasing the Flow Adjusting
Clamp



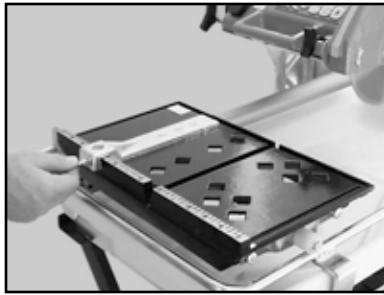
(B)
Reduce cooling flow by Press-
ing down on the Flow Adjusting
Clamp

BLADE DRESSING

Like most cutting instruments, a Diamond Blade performs best when it is dressed. Over time and use, diamonds on the outer edge of the blade will become smoothed or "glazed" over. This will reduce grinding efficiency and may cause the blade to "wander" or bend giving the illusion of an alignment problem. When this occurs, the blade will need to be dressed. The Diamond Blade can be dressed using the MK Dressing Stick (part# 152972) and by following the steps below.



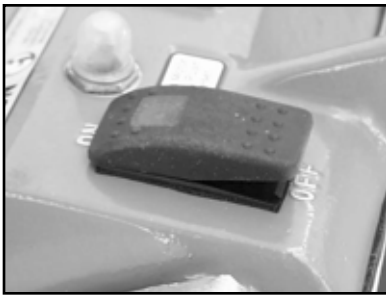
(A)
Setup the MK-660 Saw for operation (see Setup, Adjustment and Operation)



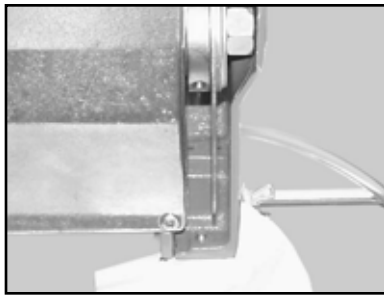
(B)
Set the adjustable Cutting Guide to cut a 1/16-strip



(C)
Position the Dressing Stick



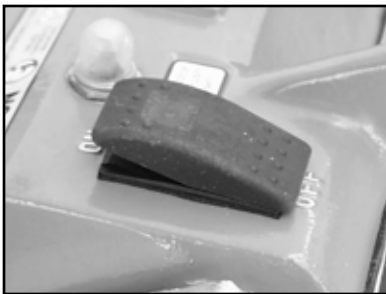
(D)
Turn the motor ON



(E)
Verify flow on both sides of the blade (See Maintenance Section to adjust flow)



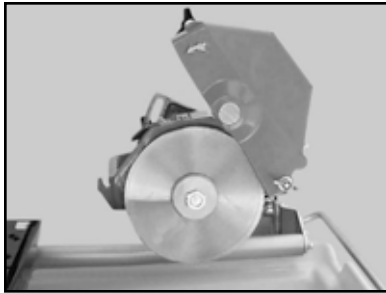
(F)
Cut the Dressing Stick seven (7) or eight (8) times to dress the Blade



(G)
Ensure the ON/OFF switch is in the OFF position

DIAMOND BLADE CHANGE-OUT

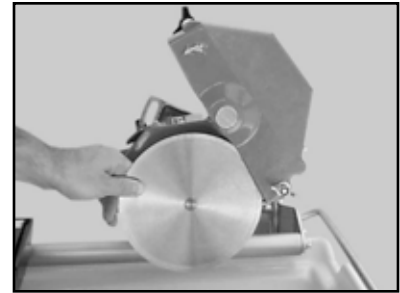
NOTE: When installing the Retaining Screw, do not "cross-thread" and DO NOT over tighten the screw.



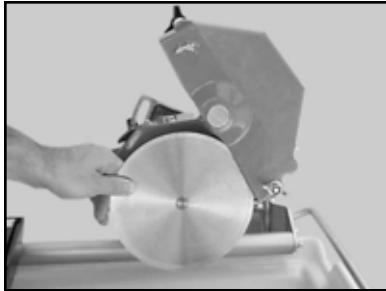
(A)
Open the Outer Blade Guard



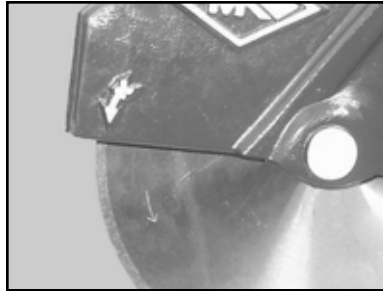
(B)
Remove Retaining Nut and
Outer Flange



(C)
Remove Diamond Blade
from Blade Shaft



(D)
Install the Diamond Blade
onto Blade Shaft



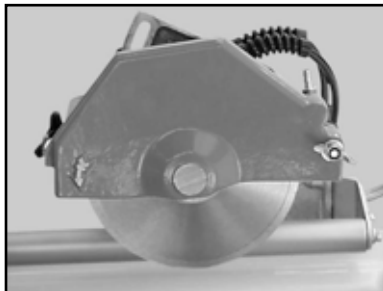
(E)
Verify the Blade is seated on
the Blade Shaft and direction of
rotation is correct



(F)
Install the Retaining Nut and Outer
Flange. Hold the Blade Shaft
using the Inner Flange Retain-
ing Wrench and tighten using the
Blade Wrench



(G)
Close the Outer Blade Guard
and tighten the Blade Guard
Retaining Screw

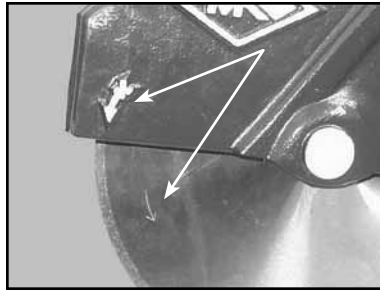


(H)
Tighten the Outer Blade Guard
Pivot Screw

BLADE WILL NOT CUT PROPERLY



(A)
Check for Smoothness or "Glazing" (Dress blade if needed)



(B)
Check for proper rotation



(C)
Ensure the Blade Core is not bent and Arbor is not out of round

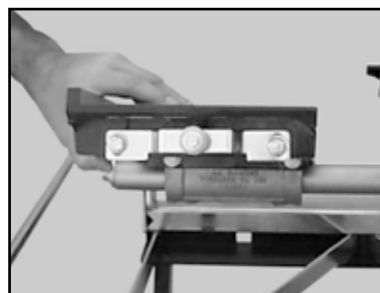


(D)
Verify the blade is correct for the material being used

MOVABLE CUTTING TABLE DOES NOT MOVE CORRECTLY

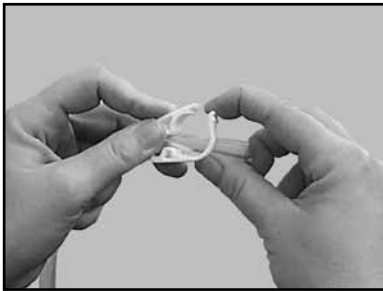


(A)
Check that the Guide Bar is clean – clean if dirty



(B)
Check the movable Cutting Table Roller Wheel for wear replace if necessary

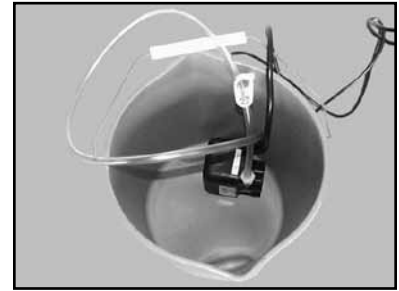
COOLING FLOW



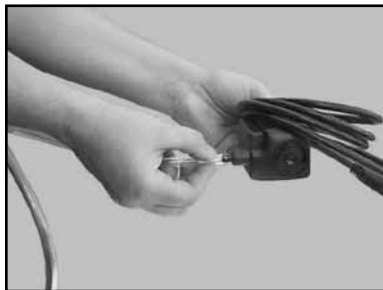
(A)
Check Flow Adjusting
Clamp is open. If flow exists,
go to Step B



(B)
Remove the Transfer Tube
from the Blade Guard inlet,
go to Step C



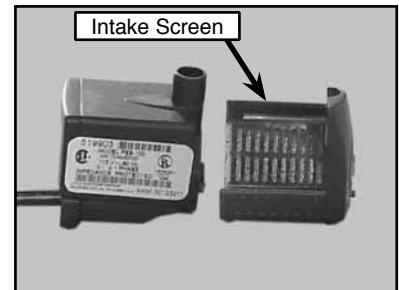
(C)
Place Pump into a bucket of
water and check flow. If flow
exists, go to Step D



(D)
Remove the Transfer Tube
and check flow. If flow exists,
go to Step F



(E)
Remove the Pump Discharge
Fitting and check flow. If flow
exists, go to Step F.



(F)
Remove the Pump Intake
Screen and check for debris.
If flow exists, go to Step G.



(G)
Remove the Blade Guard
Intake Fitting, go to Step H.



(H)
Clean the Blade Guard
Intake Fitting, go to Step I.



(I)
Rod Cooling Channels and
recheck flow

NOTE: "Rodding" coolant channels is performed by inserting a small wire rod through the inlet on top of the Blade Guard and directing the rod out through each of the flow tubes located on the underside of the Blade Guard. The channels should be "rodded" until all ports are free of foreign debris.

BLADE STOPS TURNING



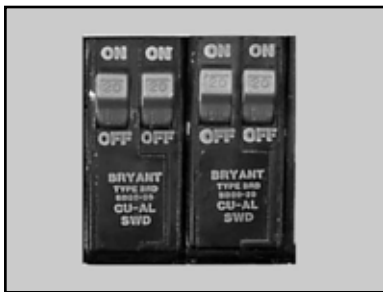
(A)
Allow motor to cool and depress motor Overload Reset Switch



(B)
Verify all plugs fully installed



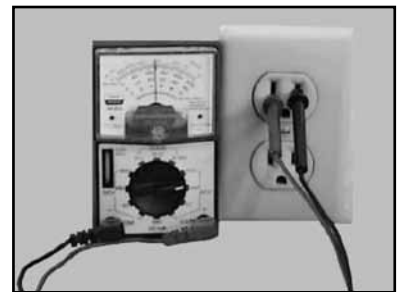
(C)
Check Ground Fault Circuit Interrupter (GFCI) is not tripped



(D)
Verify circuit breaker at least 20 amps - if not, move to 20-amp circuit

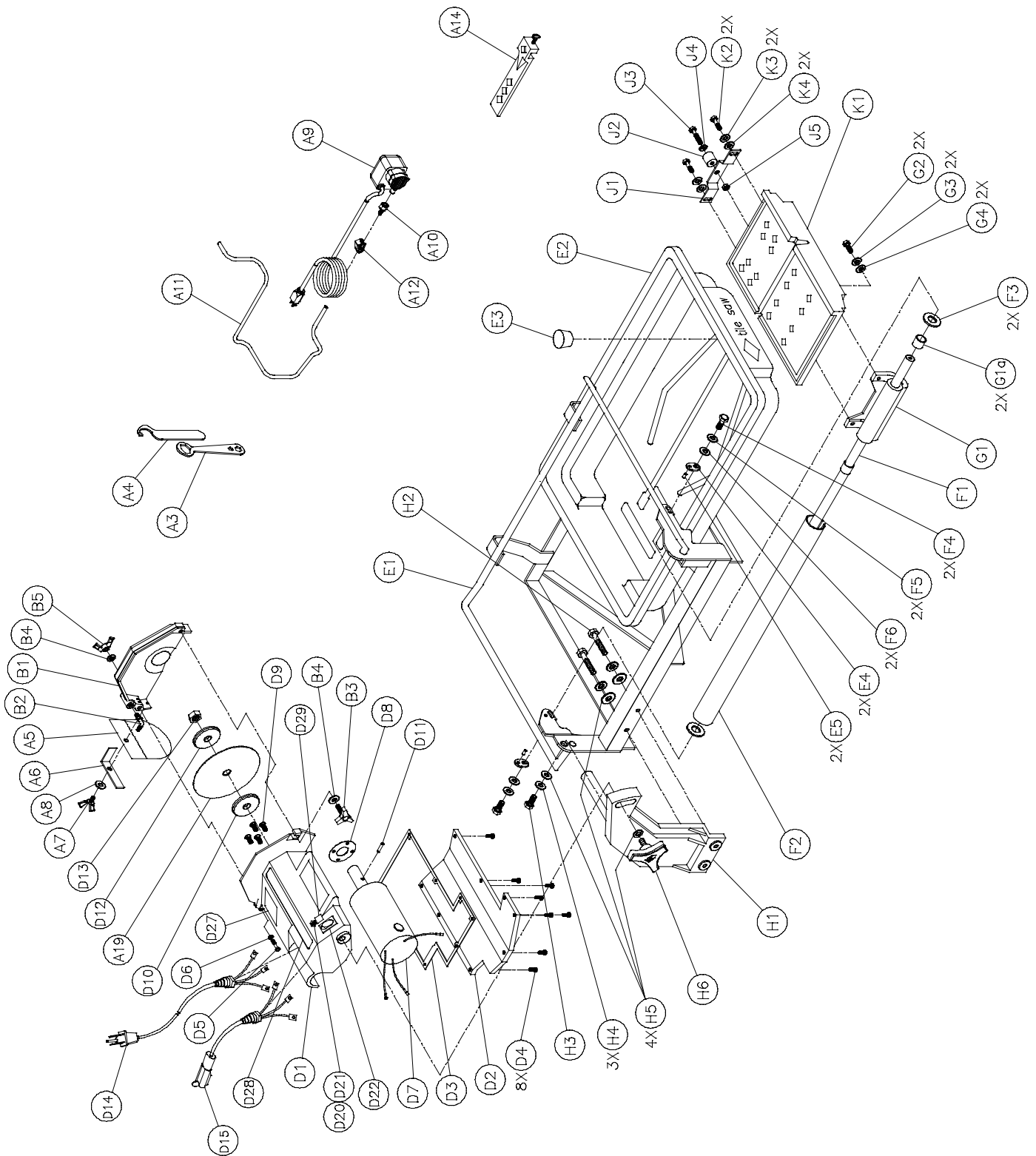


(E)
Verify circuit breaker not tripped if tripped, reset once



(F)
Check power source voltage is 120v - if not 120v, move to another circuit

NOTE: Using the proper blade when cutting any material will insure that additional drag is not induced on the motor thus increasing the amperage draw. Too much drag/ amperage draw can overheat the motor. A sign that the incorrect blade is being used for the material being cut is if user trips the circuit breaker at the power supply when cutting the material.



| ITEM | DESCRIPTION | QTY | PART # |
|------|---|--------|------------------|
| A | Accessories | 1 | n/a |
| A1 | Carton, Accessory Pack, 660 | 1 | 153498 |
| A3 | Wrench, 15/16 Closed End | 1 | 134684 |
| A4 | Wrench, Spanner, 660 | 1 | 154362 |
| A5 | Curtain, Splash | 1 | 134841 |
| A6 | Bracket, Splash Curtain | 1 | 152571 |
| A7 | Wing-screw, 1/4-20 x 1/2 | 1 | 151888 |
| A8 | Washer, 1/4 SAE Flat | 1 | 151915 |
| A9 | Pump, Water, G-150A | 1 | 151271 |
| A10 | Fitting, Plastic, 1/4 FNPT x 1/4 BARB | 1 | 128397 |
| A11 | Hose, Vinyl, 1/4 ID | 2' | 132951 |
| A12 | Clamp, Flow, 1/4-1/2 | 1 | 154394 |
| A13 | Owner's Manual, Water Pump | 1 | 155745 |
| A14 | Rip Guide Screw, 1/4-20 x 3/4 Thumb | 1 1 | 134551 150991 |
| A15 | Large Bullnose Accessory Screw, 1/4-20 x 3/4 Thumb | 1 2 | 153201 150991 |
| A16 | Owner's Manual, 660 | 1 | 153461 |
| A19 | Blade, 7 x 060 x 5/8, MK-100 | 1 | 153441 |
| B | Blade Guard, 7", Assembly | 1 | 154811-MK |
| B1 | Guard, 7" Blade | 1 | 151731 |
| B2 | Elbow, 1/8 MNPT x 1/4 BARB 90° Brass | 1 | 154652 |
| B3 | Knob, Davies | 1 | 151681 |
| B4 | Washer, 5/16 SAE Flat | 2 | 151754 |
| B5 | Wing-nut, 5/16-18 Nylock | 1 | 151746 |
| D | Cutting Head (less blade guard) | 1 | n/a |
| D1 | Cutting Head, 660 | 1 | 154291 |
| D2 | Cover, Cutting Head, 660 | 1 | 154293 |
| D3 | Gasket, Cover, 660 | 1 | 154381 |
| D4 | Screw, 10-24 x 5/8 Pan Head Phillips Self-Tapping Machine | 8 | 153681 |
| D5 | Screw, 5/16-18 x 2 1/2 Hex Head Cap, Fully Threaded | 1 | 151748 |
| D6 | Washer, 5/16 Split Lock | 1 | 151747 |
| D7 | Motor, 3/4 HP 115V FWR, 660 | 1 | 154292 |
| D7A | Motor, 3/4 HP 230V FWR, 660 | 1 | 153497 |
| D8 | Gasket, Thermal, 660 | 1 | 154346 |
| D9 | Screw, 10-24 x 5/8 Flat Head Phillips Machine | 4 | 154295 |
| D10 | Flange, Inner, 660 | 1 | 154194 |
| D11 | Pin, 1/8 x 3/8 Spring | 1 | 154982 |
| D12 | Flange, Outer | 1 | 135830 |
| D13 | Nut, 5/8-18 UNF Hex | 1 | 135848 |
| D14 | Cord, AC Power 120V (16/3 SJTW x 10', w/ molded 5-15P and Heyco 3251 Strain Relief) | 1 | 153419 |
| D15 | Cord, Pump Pigtail, 16/3 SJTW x 1', w/ molded 5-15R and Heyco 3251 Strain Relief | 1 | 154446 |
| D16 | Wire Harness, 660 | 1 | 153415 |
| D17 | Screw, 10-24 x 3/8 Pan Head Phillips Self-Tapping Machine | 1 | 151262 |
| D18 | Resistor, 660 | 1 | 153535 |
| D19 | Tack, 1/4 Head | 4 | 155659 |
| D20 | Switch, Thermal Overload, 660 | 1 | 167982 |

| ITEM | DESCRIPTION | QTY | PART # |
|------|---|-----|-----------|
| D21 | Boot, Thermal Overload Switch | 1 | 167983 |
| D22 | Switch, 15A\125V Lighted Rocker | 1 | 153421 |
| D23 | Rectifier, 40 Amp | 1 | 153677 |
| D24 | Screw, 10-24 x 3/4 Fillister Head Machine | 1 | 151750 |
| D25 | Wire-nut, 3/#16 AWG (Blue) | 1 | 155492 |
| D26 | Tag, 660 Serial Number | 1 | 156561 |
| D27 | Label, Caution Strip | 1 | 155214 |
| D28 | Label, When Motor Cools... | 1 | 154409 |
| E | Frame | 1 | n/a |
| E1 | Frame | 1 | 153322 |
| E2 | Pan, Plastic | 1 | 151736 |
| E3 | Plug, Water Drain | 1 | 153439 |
| E4 | Plate, Adjustment | 2 | 151758 |
| E5 | Pin, Rolled | 2 | 151783 |
| F | Guide Bar, 5/8 Dia. | 1 | 151739-MK |
| F1 | Bar, Guide, 5/8 Dia. | 1 | 151739 |
| F2 | Cover, Guide Bar | 1 | 151740 |
| F3 | Spacer, 5/8 Guide Bar Cover | 2 | 151755 |
| F4 | Screw, 5/16-18 x 1 Hex Head Cap | 2 | 151743 |
| F5 | Washer, 5/16 Split Lock | 2 | 151747 |
| F6 | Washer, 5/16 SAE Flat | 2 | 151754 |
| G | Linear Bearing | 1 | 151737-MK |
| G1 | Casting, Bearing, Linear | 1 | 151737 |
| G1a | Bearing, Multi-Lube | 2 | 151781 |
| G2 | Screw, 5/16-18 x 1 Hex Head Cap | 2 | 151743 |
| G3 | Washer, 5/16 Split Lock | 2 | 151747 |
| G4 | Washer, 5/16 SAE Flat | 2 | 151754 |
| H | Post | 1 | n/a |
| H1 | Post, Rear, 660 | 1 | 153451 |
| | Shaft, 5/8 Pivot, 660 | 1 | 153452 |
| H2 | Screw, 3/8-16 x 2 Hex Head Cap | 2 | 153485 |
| H3 | Screw, 3/8-16 x 1 Hex Head Cap | 1 | 152507 |
| H4 | Washer, 3/8 Split Lock | 3 | 150925 |
| H5 | Washer, 3/8 SAE Flat | 4 | 150923 |
| H6 | Knob, 3/8-16 x 1-1/2 MK Adjustment | 1 | 156770-02 |
| J | Roller Wheel | 1 | 151756 |
| J1 | Bracket, Roller Wheel | 1 | 154021 |
| J2 | Wheel, Roller | 1 | 151799 |
| J3 | Screw, 1/4-20 x 1 1/2 Hex Head Cap | 1 | 151914 |
| J4 | Washer, 1/4 SAE Flat | 1 | 151915 |
| J5 | Nut, 1/4-20 Hex | 1 | 151893 |
| K | Table, 660 | 1 | n/a |
| K1 | Table, 660 | 1 | 152680 |
| K2 | Screw, 5/16-18 x 1 Hex Head Cap | 2 | 151743 |
| K3 | Washer, 5/16 Split Lock | 2 | 151747 |
| K4 | Washer, 5/16 SAE Flat | 2 | 151754 |

| ITEM | NUMBER | DESCRIPTION | |
|------|-----------|----------------------------------|---|
| 1. | 158434 | MK-225, 7 x 5/8 Arbor |  |
| 2. | 139311 | MK-215, 7 x 5/8 Arbor |  |
| 3. | 153293 | MK-315, 7 x 5/8 Arbor |  |
| 4. | 134577-MK | Dual 45° Flat Angle Guide |  |
| 5. | 134569-MK | 90° Protractor |  |
| 6. | 152792 | Dressing Stone |  |
| 7. | 152601 | Ground Fault circuit Interrupter |  |
| 8. | 153201-MK | 45° Miter |  |
| 9. | 151889 | Saw Stand |  |

ORDERING INFORMATION

You may order MK Diamond products through your local MK Diamond distributor or, you may order direct from MK Diamond.

When ordering direct from MK Diamond, please have the following information ready before calling:

- The Model Number of the saw
- The Serial Number of the saw
- Where the saw was purchased and when
- The Part Number for the part(s) being ordered
- The Part Description for the part(s) being ordered

NOTE: There is a \$25.00 minimum order when ordering direct from MK Diamond. A \$6.00 charge will be added to orders having a net billing value under \$50.00. All purchases must be made using VISA, MasterCard or American Express.

All parts may be ordered by calling toll free to – 800 421-5830 or 310 539-5221 and asking for Customer Service. For technical questions, call – 800 474-5594.

RETURN MATERIALS POLICY

To expedite the service relative to the return of a product purchased through MK Diamond, please observe the following:

NOTE: When returning all items, they must have been purchased within the previous twelve (12) months.

- Have the Model Number of the saw
- Have the Serial Number of the saw
- Have the location of where the saw was purchased
- Have the date when the saw was purchased
- Contact Customer Service for approval to return the item(s)
- Obtain a Returned Goods Number (RGA) authorizing the return
- Follow the packaging instructions in the following section
- Ensure your item(s) are prepaid to the destination

For returned items, call toll free to – 800 421-5830 or 310 539-5221 and ask for Customer Service. For technical questions, call – 800 474-5594 or 310 257-2845.

PACKAGING INSTRUCTIONS

- Remove the Cutting Head and Support Angle Assembly
- Dry the saw before shipping
- When packing, include the following: Saw, Diamond Blade, Blade Guard and Support Angle Assembly and Adjustable Cutting Guide (Other Accessories are not required)
- Package the unit in its original container or one of comparable size (do not ship the unit partially exposed)
- Ensure all parts are secured in the packaging to prevent moving

AUTHORIZED SERVICE CENTERS

For quicker repair time, you may contact MK Diamond Customer Service, toll free, at 800 421-5830 or 310 539-5221 for the Authorized Service Center closest to you or visit our web site at www.mkdiamond.com. For technical questions, call – 800 474-5594.

CONTACT

Please contact MK Diamond Products, Inc. Customer Service Department with any questions you might have regarding distributors, parts or service.

Telephone: **(800) 421-5830**

Fax: **(310) 539-5158**

E-mail: **Customer_Service@MKDiamond.com**

Customer Service Hours: **Monday through Friday, 6AM-4PM PST**

MK Diamond Products, Inc.

1315 Storm Parkway

Torrance, CA 90501

MK DIAMOND PRODUCTS, INC. LIMITED WARRANTY

MK DIAMOND PRODUCTS, INC. will guarantee every machine they build, to be free from defects in material and workmanship for (1) one year from date of purchase. The obligation of MK DIAMOND PRODUCTS, INC. under this warranty is limited to the repair or replacement of any parts which, under normal use, prove to be defective in material or workmanship. The parts involved or the unit in question should be returned to MK DIAMOND PRODUCTS, INC. or to a point designated by us, transportation prepaid.

This warranty does not obligate us to bear the cost of labor or transportation charges in connection with replacement or repair of defective parts. Likewise, it shall NOT apply to any unit which has been subjected to misuse, neglect or accident. This warranty does NOT apply to any machine which has been repaired or altered outside our factory.

This warranty does NOT obligate MK DIAMOND PRODUCTS, INC., with respect to items not of our manufacture, such as engines, motors, hydraulics, etc., which are subject to their own guarantees and warranties.

We shall in no event be liable for consequential damages or contingent liabilities arising out of failure of any equipment or parts to operate properly.

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MK Diamond may have patents, patent applications, trade marks, copyrights of other intellectual property right covering this product in this document.

This manual MUST accompany the equipment at all times. This manual is considered a permanent part of the equipment and should remain with the unit if resold.

The information and specifications included in this publication were in effect at the time of approval for printing.

MK-660 TILE SAW
OWNER'S MANUAL, PARTS LIST
& OPERATING INSTRUCTIONS



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