

MK-5005S BLOCK SAW OWNER'S MANUAL PARTS LIST & OPERATING INSTRUCTIONS



Revision 104	04.2014
Manual Part# 158769	

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-5000S Block 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-5000S Block Saw should provide you with years of service. In order to help you, we have included this manual. This Owner's Manual contains information necessary to operate and maintain your MK-5000S Block Saw safely and correctly. Please take the time to familiarize yourself with the MK-5000S Block Saw by reading and reviewing this manual.

Read and follow all safety, operating and maintenance instructions.

If you should have questions concerning your MK-5000S Block 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 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.



ALWAYS keep the Blade Guards in place.



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.



DO NOT USE IN DANGEROUS PLACES

DO NOT use power tools in damp or wet locations nor expose them to rain. Always keep the work area well lit.



KEEP CHILDREN AWAY

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

**MAKE THE WORKSHOP KID PROOF**

Make the workshop 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.

**USE THE RIGHT TOOL**

DO NOT force a tool or an attachment to do a job that it was not designed to do.

**USE THE PROPER EXTENSION CORD**

If using an extension cord make sure it is in good condition first. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An under-sized cord will cause a drop in line voltage that will result in a loss of power and overheating. TABLE, Page 9 shows the correct AWG size to use depending on cord length and name-plate ampere rating. If in doubt, use the next heavier gage. The smaller the gage number, the heavier the cord.

**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.



ALWAYS wear approved eye protection.



ALWAYS wear approved respiratory protection.

**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.

**MAINTAIN TOOLS WITH CARE**

Keep tools clean for the best and safest performance. Always follow maintenance instructions for lubricating and when changing accessories.

**DISCONNECT TOOLS**

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



ALWAYS place the power ON/OFF switch in the **OFF** position when the saw is not in use.

**USE RECOMMENDED ACCESSORIES**

Consult the Owner's Manual for recommended accessories. Using improper accessories may increase the risk of personal or by-stander injury.

**NEVER STAND ON THE TOOL**

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

**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.

**DIRECTION OF FEED**

ALWAYS feed work into a blade or cutter against the direction of rotation. A blade or cutter should always be installed such that rotation is in the direction of the arrow imprinted on the side of the blade or cutter.

**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.

CALIFORNIA PROPOSITION 65 MESSAGE

**WARNING**

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 and 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/consilic.html>

<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 those dust masks that are specially designed to filter out microscopic particles.

HAZARD SYMBOLS

**ELECTRICAL SHOCK**

NEVER touch electrical wires or components while the engine is running. Exposed, frayed or worn electrical wires can be sources of electrical shock which could cause severe injury or burns.

**ACCIDENTAL STARTS**

Before starting the engine, 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.

**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.

**OVER SPEED**

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

**DO NOT EXPOSE TO RAIN**

DO NOT expose to rain or use in damp locations.

**WARNING**

Sawing and drilling generates 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). Diamond Blades improperly used are dangerous. Comply with American National Standards Institute Safety Code, B7.1 and, Occupational Safety and Health Act covering Speed, Safety Guards, Flanges, Mounting Procedures, General Operating Rules, Handling, Storage and General Machine Conditions.

ELECTRICAL REQUIREMENTS AND GROUNDING INSTRUCTIONS

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

 **WARNING**

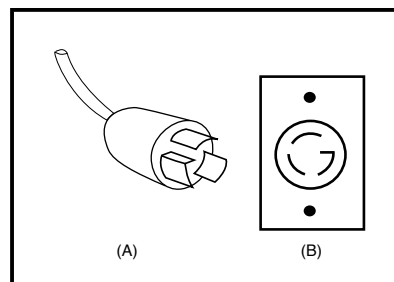
In case of a malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This tool is equipped with an electric cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into a matching outlet that 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

 **WARNING**

This tool is intended for use on a circuit that has an outlet that looks similar to the one shown in Sketch B of Figure below. The tool has a grounding plug that looks similar to the plug illustrated in Sketch A of Figure below. Make sure the tool is connected to an outlet having the same configuration as the plug. No adapter is available or should be used with this tool. If the tool must be reconnected for use on a different type of electric circuit, the reconnection should be made by qualified service personnel; and after reconnection, the tool should comply with all local codes and ordinances.

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



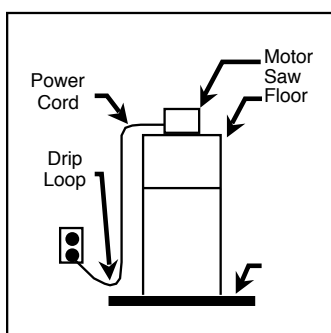
NOTE: Use of a temporary adapter is not permitted in Canada.

**WARNING**

To avoid the possibility of the appliance plug or receptacle getting wet, position the machine to one side of a wall mounted receptacle. This will prevent water from dripping onto 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.

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.



To reduce the risk of electrocution, keep all connections dry and off the ground. Do not touch the plug with wet hands. Use of undersized extension cords result in low voltage to the motor that can result in motor burnout.

To choose the proper extension cord:

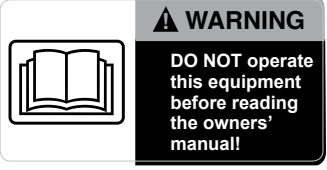
- Locate the length of extension cord needed in the table below.
- Once the proper length is found, move down the column to obtain the correct AWG size required for that length extension cord.


Extension Cord Minimum Gage for Length

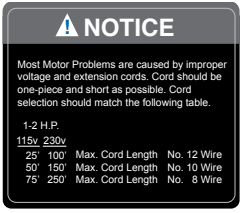
Volts	Total Length of Cord in Feet		
	25 ft. (7.5 m)	50 ft. (15 m)	75 ft. (23 m)
	AWG	AWG	AWG
	10	10	8

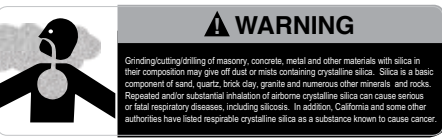
OPERATION & SAFETY DECALS


The MK-5005S Block Saw is equipped with a number of safety decals. These decals are provided for operator safety and maintenance information. Should any of these operation or safety decals become unreadable, replacements can be obtained by calling **(800) 262-1575**.

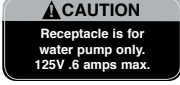
(A) 


(E) 


(H) 


(B) 

(F) 

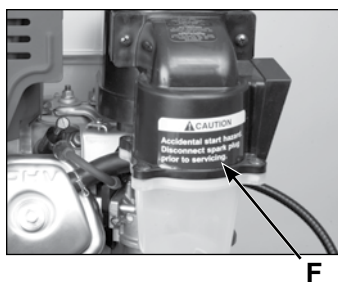
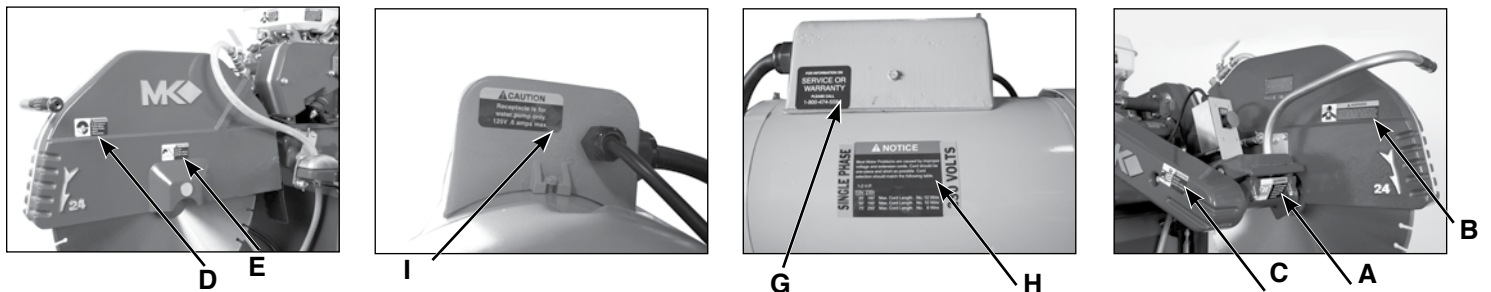
(I) 

(C) 

(G) 

(D) 

Masonry Saw Warning Label Sheet Part# 166011



	Location	Description
A	Arbor Housing/Front	Read Manual
B	Blade Guard/Back	Proposition 65, Dust Warning
C	Belt Guard/Front	Guards in Place
D	Blade Guard/Front	Replace Blade Guard
E	Blade Guard/Front	Guards in Place
F	Motor/Side	Accidental Start
G	Motor	Service or Warranty
H	Motor	Accidental Start
I	Motor	Notice extension cord
J	Motor	Receptacle water pump

SPECIFICATION

The MK-5005S is a versatile masonry saw. Operated and used according to this manual, the MK-5005S will provide years of dependable service.

General Description:

The MK-5005S, is engineered as a 14" or 20" saw, consisting of a powerful 230v single phase motor. The saw is capable of cutting brick and masonry up to 8" x 8" x 16" in size in a single pass.

Motor and Weight Specifications:

Motor and weight specifications for the MK-5005S are listed in the table below.

Voltage	208 / 230v	
Amperage	24	
Frequency	50 Hz	60 Hz
RPM	2850 rpm	3,450
Weight	445 lbs.*	

*Without Movable Cutting Table

BLADE CAPACITY

The MK-5005S uses a 14-inch or 20-inch diameter segmented MK Diamond blade with a .125-inch cutting width and a 1" arbor.

MASONRY TYPES

The MK-5005S can cut a variety of masonry types including, cinder block, slump stone block, wall brick, paver brick, concrete block and cylinders, roofing tile, marble, granite, decorative rock or almost any other non-ferrous material.

NOTE: The MK-5005S is not designed to cut plastic or ferrous (metals) material.

PEDDLE ASSISTED CUTTING HEAD

The MK-5005S is designed with a peddle assisted Cutting Head to allow the operator to use both hands when cutting. The Cutting Head can be raised or lowered by the use of an adjusting wheel to set the start of the cut.



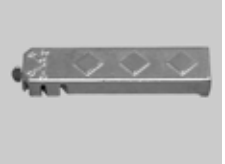







UNPACKING

Your MK-5005S has been shipped from the factory thoroughly inspected. Only minimal assembly is required. If not already done, remove the MK-5005S from the pallet and place it on a flat surface using a forklift.

Remove the accessories from the Water Basin and place along side the MK-5005S.

CONTENTS

In the containers, you will find one (1) MK-5005S, one (1) movable cutting table, one (1) adjustable cutting guide, one (1) electric water pump, one (1) pump discharge fitting, one (1) blade wrench, one (1) drain plug, one (1) owner’s manual, one (1) pump manual and one (1) warranty card.

 MK-5005S	 Movable Cutting Table	 Adjustable Cutting Guide	 Electric Water Pump	 Pump Discharge Fitting
 Blade Wrench	 Drain Plug	 Owner's Manual	 Pump Manual	 Warranty Card

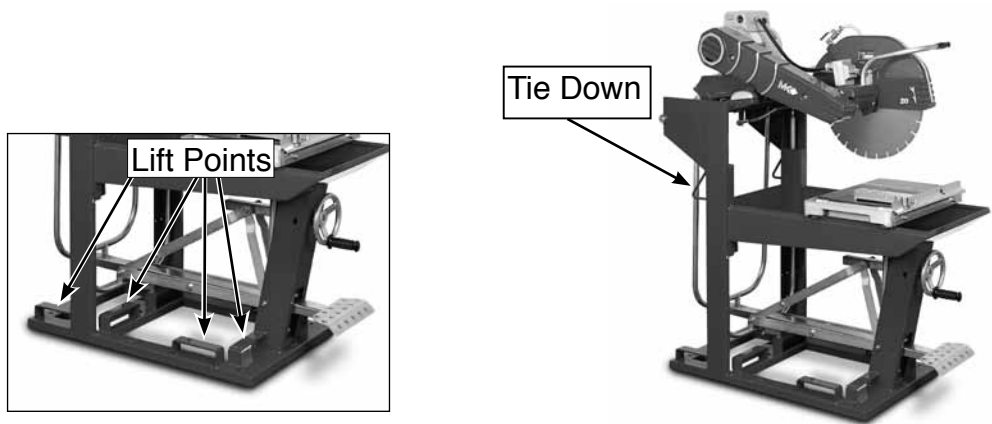
TRANSPORT

The MK-5005S weighs approximately four hundred forty-five (445) pounds (without the movable Cutting Table).

WARNING Do not attempt to move the MK-5005S without a forklift.

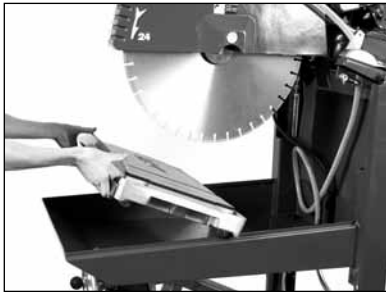
NOTE: Place the Cutting Head in the DOWN position, and remove the movable Cutting Table when transporting the MK-5005S.

Due to its solid construction, the MK-5005S may only be transported with a forklift. Position the Cutting Head in the DOWN position, remove the movable Cutting Table, and transport the saw using the eight (8) lift points positioned strategically around the base. Use tie downs when transporting the saw.

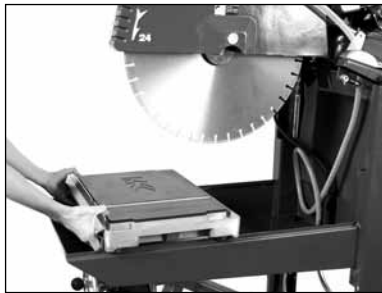


ASSEMBLY

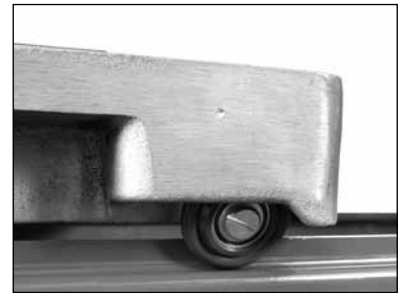
Follow the assembly instructions to prepare your MK-5005S for operation.

Movable Cutting Table Installation

(A)
Position movable Cutting Table



(B)
Seat all four (4) Roller Wheels
on the Guide Rails



(C)
Verify correct seating of Roller
Wheels

Adjustable Cutting Guide Installation

(A)
Loosen the Thumbscrew. Align the
adjustable Cutting Guide above the
movable Cutting Table Ruler/Stop



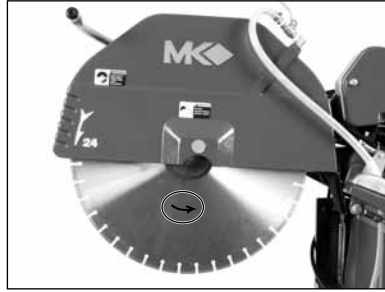
(B)
Seat the adjustable Cutting
Guide and tighten the Thumb-
screw

Diamond Blade Installation

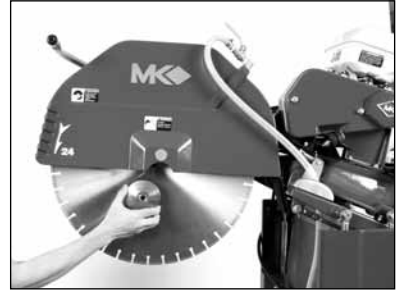
(A)
Remove the Retaining Screw
and Outer Flange with the blade
wrench. Turn counter-clockwise
to loosen



(D)
Install the Diamond Blade onto
the Blade Shaft



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



(F)
Install Retaining Screw and
Outer Flange



(G)
Rotate Blade Wrench clockwise
to tighten

Water Pump Preparation



(A)
Install Water Pump
Discharge Fitting



(B)
Press the end of the Cooling
Transfer Tube onto the Water
Pump Discharge Fitting

SETUP**⚠ CAUTION**

- Before powering or starting, check for damage that could prevent this equipment from proper operation or performing its intended function. Check for binding and alignment of moving parts. Check for damaged, broken, or missing parts.
- Verify the ON/OFF switch is in the OFF position.
- Before connecting the MK-5005S 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:	230v
CYCLE:	50/60hz
PHASE:	Single phase

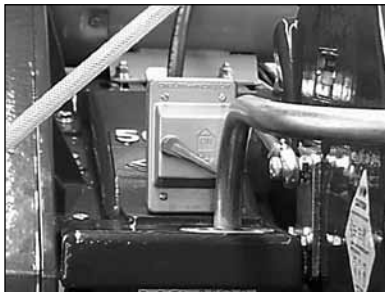
- If using an extension power cord, make sure the length and wire gauge corresponds to the requirements. An extension power cord that is too small in wire gauge (diameter), or too long in length, will cause the motor to overheat and could cause premature failure.
- Do not cover the motor vents as this could lead to motor overheating.

Pre-start Inspection

The pre-start inspection should be performed before beginning any job.

⚠ CAUTION If the Diamond Blade shows signs of fatigue cracking, replace the blade before starting work.

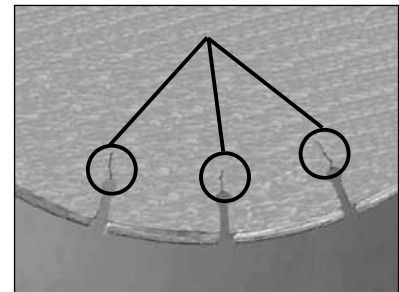
NOTE: In order to avoid breaker tripping, a 30-amp circuit breaker should be used.



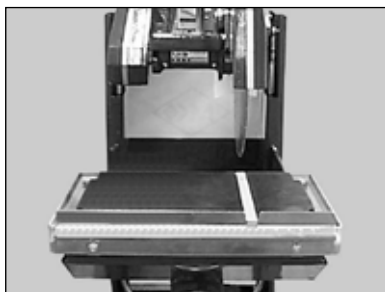
(A)
Ensure the ON/OFF Switch
is in the OFF position



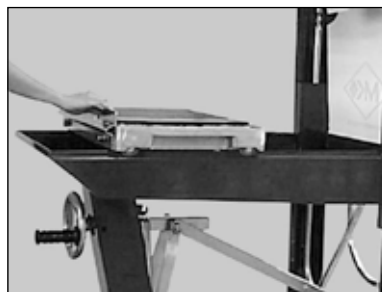
(B)
Check all electrical connections



(C)
Inspect the blade for damage
and verify it's correct for the
material being cut



(D)
Inspect Wooden Strip for
excessive grooves



(E)
Verify movable Cutting Table
moves freely



(F)
Inspect the MK-5005S for
general damage and/or loose
hardware



(G)
Inspect the Pump Assembly for damage – ensure the cord is free of cracks or cuts

Connecting the Water Pump



- WARNING**
1. To prevent the possibility of electrical shock, the MK-5005S 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)
Ensure the ON/OFF Switch is in the OFF position



(B)
Connect the Water Pump power cord to the connection found on the side 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.

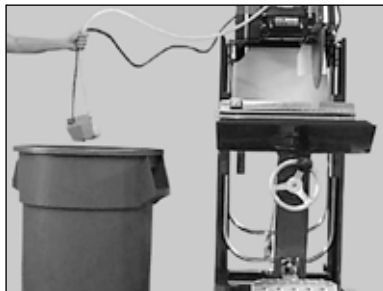
NOTE: If using a Dry Blade for operation, DO NOT connect the Water Pump.

External Water Source

NOTE: This is the preferred method of cooling. This method may add as much as twenty (20) percent to the life of the blade.



(A)
Remove the Drain Plug

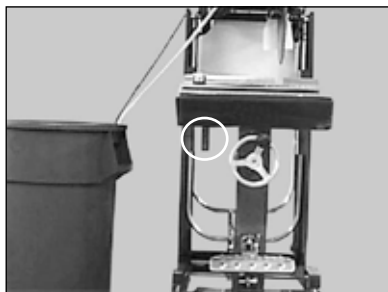


(B)
Place the Water Pump in an external container



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

NOTE: Follow all applicable Federal State and Local laws for the proper disposal of waste water.



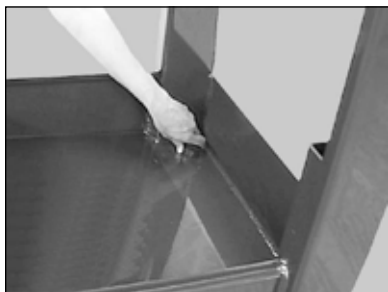
(D)
Locate the Water Basin Drain Connection (located in the back of the Water Basin)



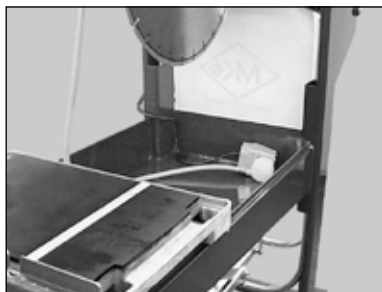
(E)
Install an external drain line onto the Drain Connection

Re-circulation

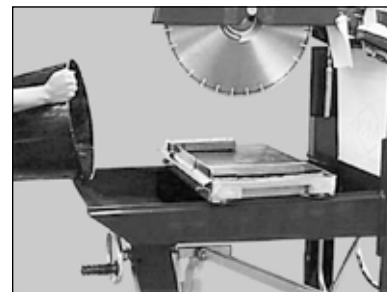
NOTE: When using the re-circulation method, the water should be changed often for longer pump life.



(A)
Ensure the Drain Plug is installed in the Water Basin



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



(C)
Fill the Water Basin until water completely covers the Water Tank intake

Power Connection



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



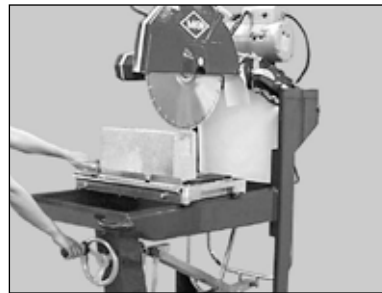
(B)
Connect the MK-5005S to
the proper power source

Cutting Setup

- NOTES:**
1. While the MK-5005S can cut the materials listed earlier in this document, it is specifically designed to cut concrete masonry. Cutting another material with the MK-5005S will reduce the life of the Diamond Blade.
 2. Due to the material being cut, the Diamond Blade should not require dressing. If dressing is required, use a soft stone such as sandstone.



(A)
Set edge of Cutting Guide to
desired cut length on Ruler/Stop



(B)
Set material against adjustable
Cutting Guide and Ruler/Stop

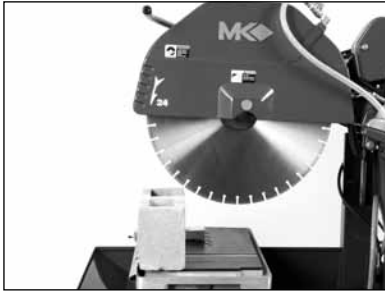


CAUTION DO NOT FORCE the blade to cut, it will do the job better and safer at the rate for which it was designed.

Step Cutting

A Step Cut is performed when a series of small cuts of increasing depth are used to complete a single cut.

- NOTE:**
1. Step Cutting is the preferred cutting method for all cuts.
 2. When cutting hard material Step Cutting should always be used.
 3. Step Cutting will extend the life of the Diamond Blade.



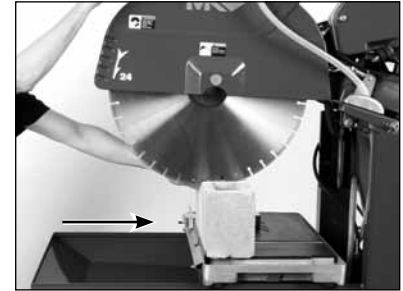
(A)

Adjust the height of the Cutting Head as necessary, start motor



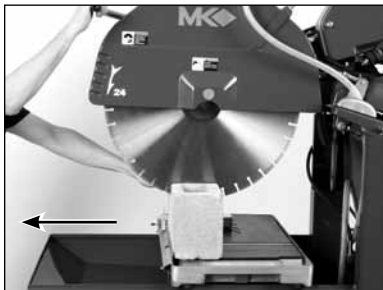
(B)

Open the Cooling Flow Control Valve and adjust flow. Verify proper cooling flow on both sides of the blade



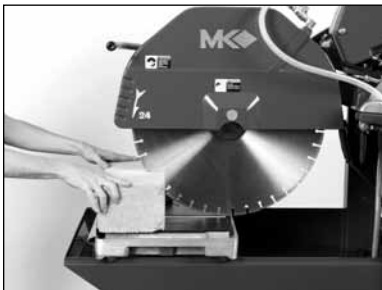
(C)

Step Cut "Push" Stroke. Lower Cutting Head 1/4" - 1/2" during Push Stroke



(D)

Step Cut "Pull" Stroke. Lower Cutting Head an additional 1/4" to 1/2" and pull Cutting Table forward

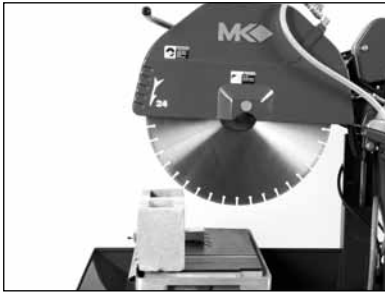


(E)

Repeat Steps C and D until cut is complete. Turn the saw off when work is complete

Chop Cutting

A Chop Cut is performed by cutting completely through an object in one pass.



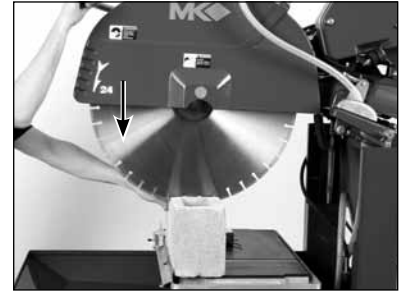
(A)

Adjust the height of the Cutting Head as necessary, start motor



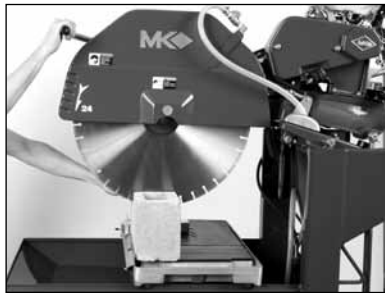
(B)

Open the Cooling Flow Control Valve and adjust flow. Verify proper cooling flow on both sides of the blade



(C)

Hold the Cutting Table stationary. Lower Cutting Head smoothly to cut

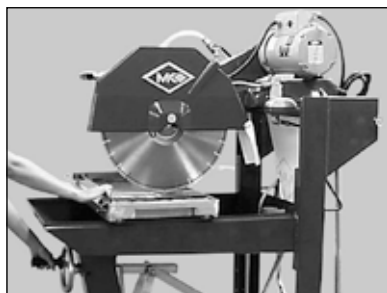


(D)

Continue lowering Cutting Head until cut is complete. Turn the saw off when work is complete

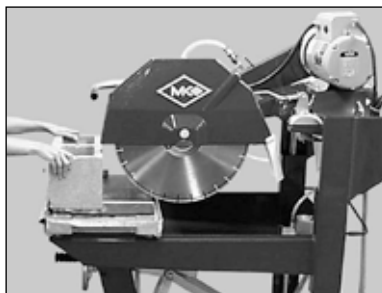
Cutting with the Cutting Head Positioned Down

This method is preferred when cutting small objects.



(A)

Lower the Cutting Head until the blade is just off the surface of the movable Cutting Table



(B)

Set masonry piece in position



(C)

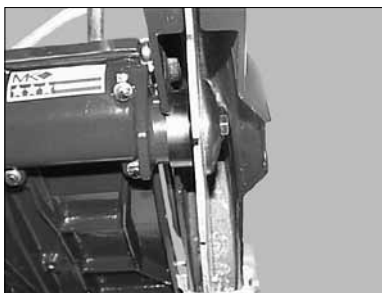
Turn the motor ON



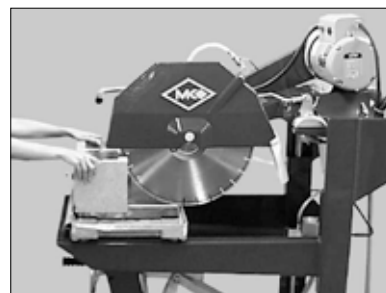
CAUTION DO NOT FORCE TOOL, it will do the job better and safer at the rate for which it was designed.



(D)
Open the Cooling Flow Control Valve and adjust flow



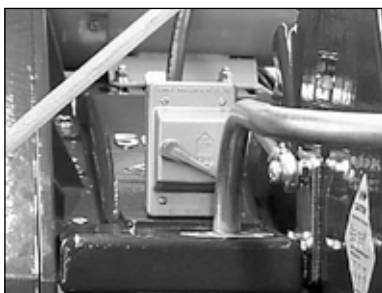
(E)
Verify proper cooling flow on both sides of the blade



(F)
Slowly push piece toward blade to begin the cut



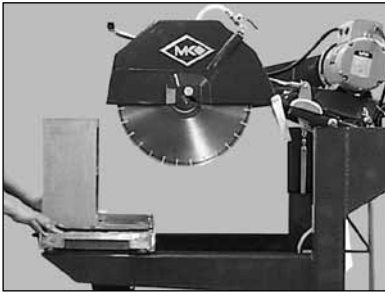
(G)
Continue pushing piece into blade until cut is complete



(H)
Turn the saw off when work is complete

Cutting with the Piece Position Vertically

This method may be used when “notching” the masonry piece.



(A)
Position masonry piece.
Adjust the height of the Cutting
Head as necessary



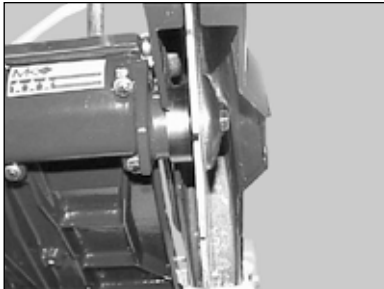
(B)
Turn the motor ON



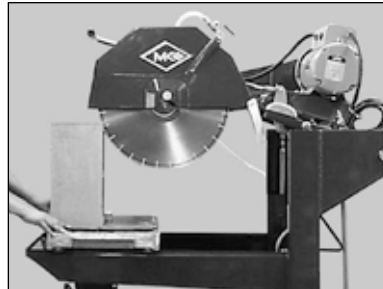
(C)
Open the Coolant Flow Control
Valve and adjust flow



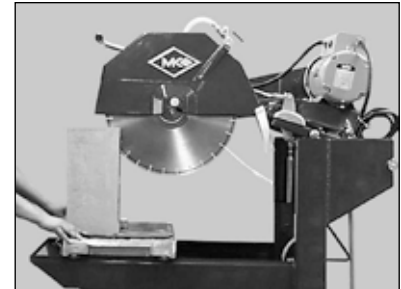
CAUTION DO NOT FORCE TOOL, it will do the job better and safer at the rate for which it was designed.



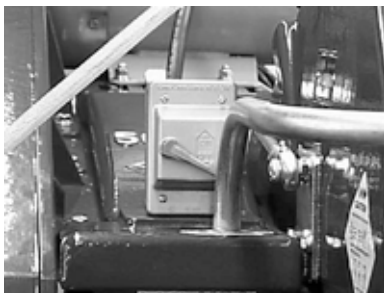
(D)
Verify proper Cooling Flow on
both sides of the blade



(E)
Slowly push piece toward
blade to begin the cut



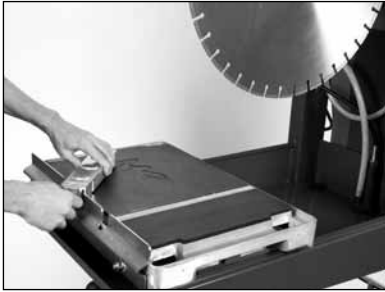
(F)
Continue pushing piece into
blade until cut is complete



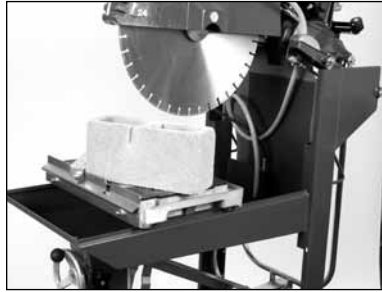
(G)
Turn the saw off when
work is complete

Angle Cuts

Angle Cuts may be performed using the Step Cut, Chop Cut, Cutting Head Positioned Down methods or with the masonry piece positioned vertically. The following example utilizes the Step Cut method.



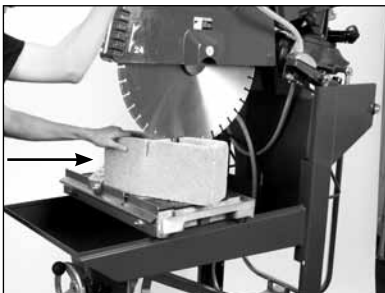
(A)
Reposition adjustable Cutting Guide. Align 45° Slots to Ruler/Stop



(B)
Position the masonry piece. Adjust the height of the Cutting Head as necessary, start motor



(C)
Open the Cooling Flow Control Valve and adjust flow. Verify proper cooling flow on both sides of the blade



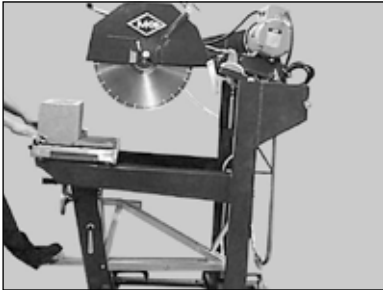
(D)
Lower Cutting Head 1/4" -1/2" during "Push" Stroke



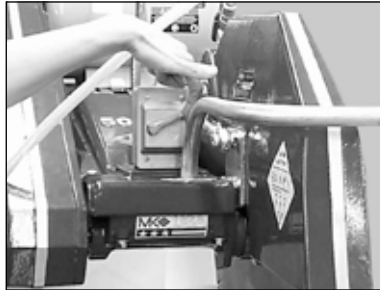
(E)
Lower Cutting Head 1/4" -1/2" during "Pull" Stroke. Repeat Steps D and E until cut is complete. Turn the saw off when work is complete

Cutting using the Foot Pedal

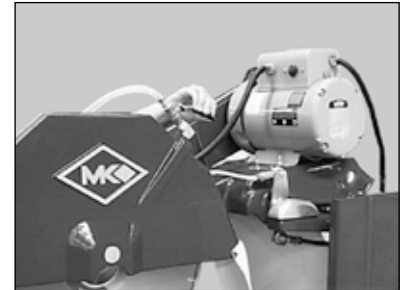
The Foot Peddle may be used to Step Cut, Chop Cut, cut with the Cutting Head Positioned Down, or with the masonry piece positioned vertically. Using the Foot Peddle frees both of the operator's hands for holding the masonry piece. The following example utilizes the Step Cut method.



(A)
Position masonry piece
(Adjust the height of the Cutting
Head as necessary)



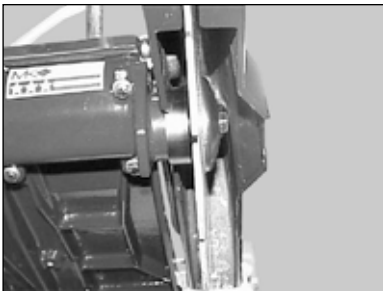
(B)
Turn the motor ON



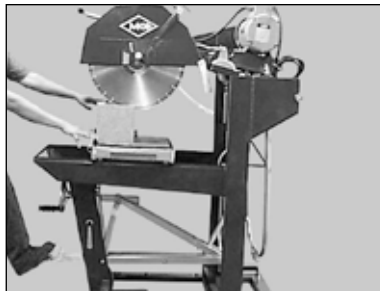
(C)
Open the Cooling Flow Control
Valve and adjust flow



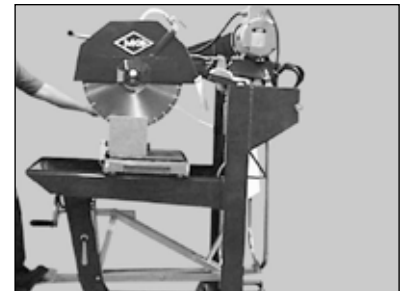
CAUTION DO NOT FORCE TOOL, it will do the job better and safer at the rate for which it was designed.



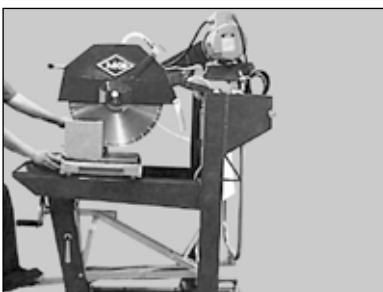
(D)
Verify proper cooling flow on
both sides of the blade



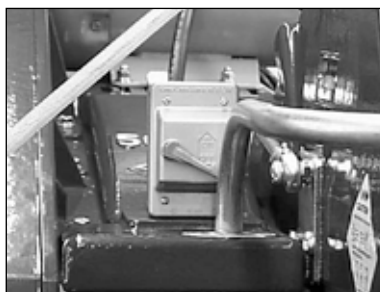
(E)
Lower cutting head with Foot
Pedal 1/4" to 1/2"



(F)
Lower cutting head an additional
1/4" to 1/2" with Foot
Pedal for "Pull" Stroke



(G)
Repeat Steps E and F
until cut is complete

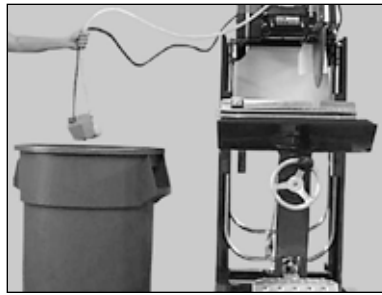


(H)
Turn the saw off when
work is complete

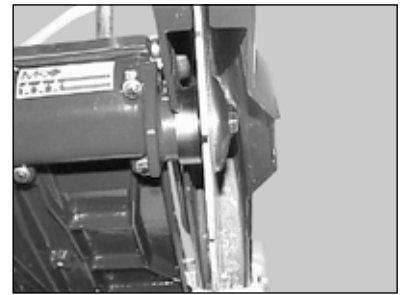
Cleanup



(A)
Clean the Water Pump
suction of all debris



(B)
Place the Water Pump in an
external container



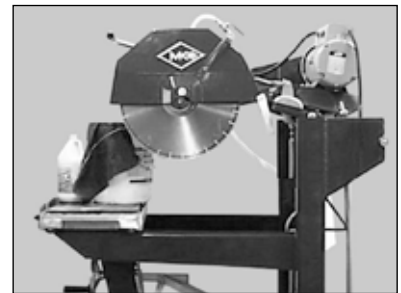
(C)
Run the saw until clear water is
seen at the blade cooling ports
(Approx. one (1) minute)



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



(E)
Unplug MK-5005S from the
power source



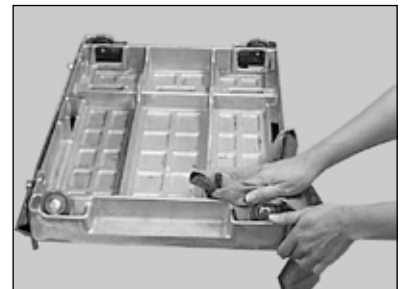
(F)
Clean the saw with soap and
clean water



(G)
Clean the Water Basin



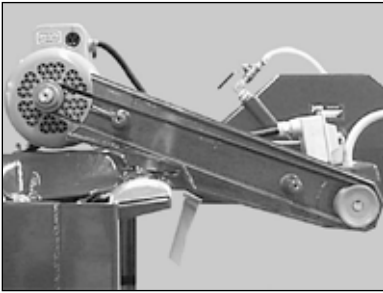
(H)
Clean the movable Cutting
Table Guide Rails



(I)
Clean the movable
Cutting Table Roller Wheels

New Maintenance

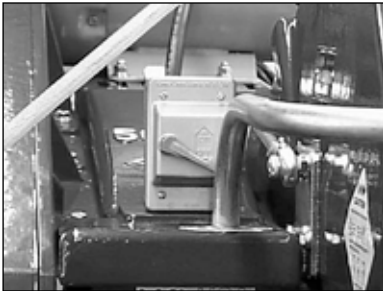
Perform the following after initial purchase and operation of the MK-5005S.



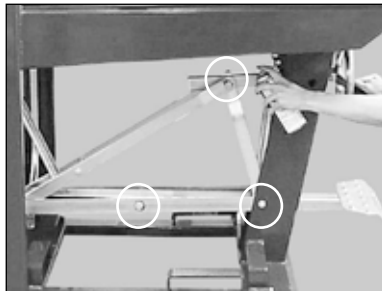
(A)
Check and adjust V-belt tension following first forty-eight (48) hours of operation (See V-belt Inspection page 32)

Maintenance Following Use

The following maintenance should be performed following each use. Use light oil, such as WD-40 or 3 in 1 when lubricating parts.



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



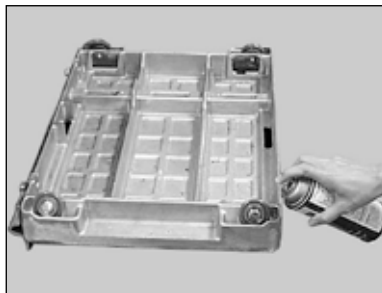
(B)
Lubricate lower pivot points



(C)
Lubricate upper pivot points



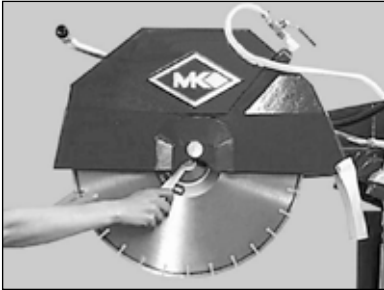
(D)
Clean and lubricate all spring assemblies



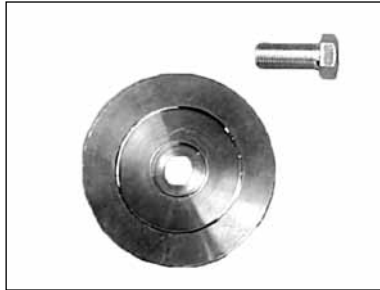
(E)
Lubricate the Roller Wheel Assemblies

Monthly Maintenance

The following should be performed monthly. Items should be lubricated as directed.



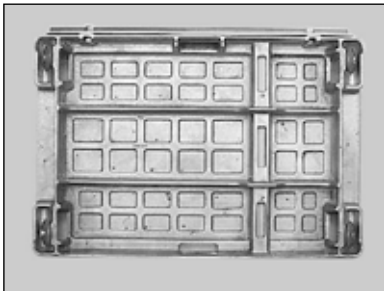
(A)
Remove the Diamond Blade



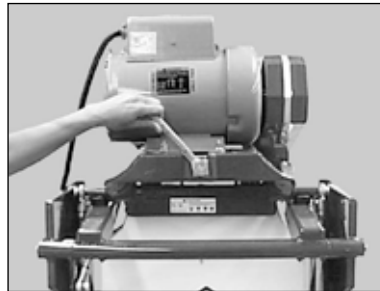
(B)
Clean and lubricate the Outer
Flange and Retaining-bolt



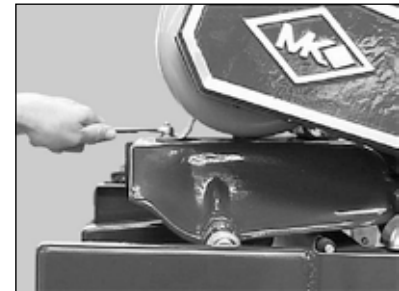
(C)
Clean and lubricate the
Inner Flange



(D)
Verify the Roller Wheel
Assemblies are tight and
in good condition



(E)
Verify the Motor Adjustment
Strap is tight



(F)
Verify all motor mounting
bolts are tight



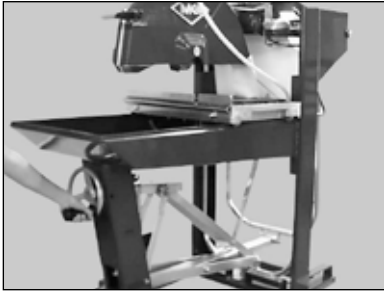
(G)
Apply grease to the nine (9)
Zerk Fittings of the MK-5005S
(See Unit Lubrication page
29)

Diamond Blade Change-out

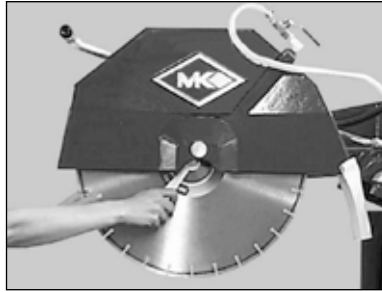


WARNING

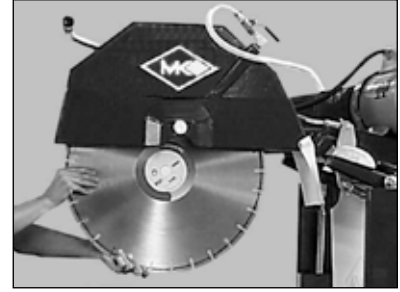
Disconnect the tool before servicing and when changing accessories, such as blades, bits, cutters, and the like.



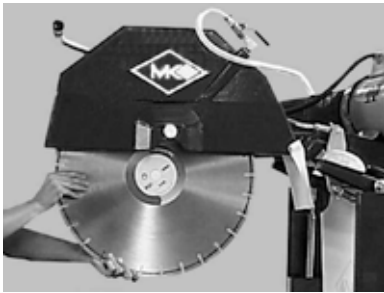
(A)
Raise the Cutting Head



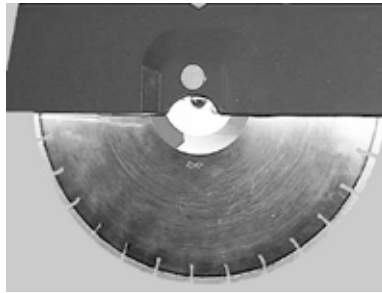
(B)
Identify and remove the Retaining Screw and Outer Flange. Turn counter-clockwise to loosen



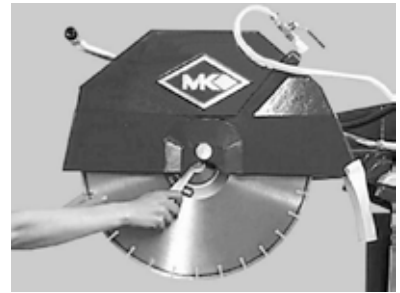
(C)
Remove the Diamond Blade from the Blade Shaft



(D)
Install the new Diamond Blade onto the Blade Shaft



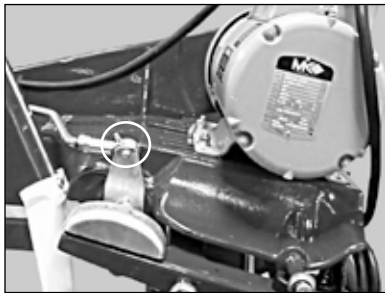
(E)
Verify the blade is seated on the Blade Shaft and direction of rotation is correct



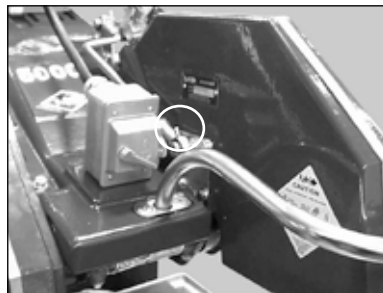
(F)
Install Retaining Screw and Outer Flange, then tighten. Rotate Blade Wrench clockwise to tighten

MK-5005S Lubrication Points

Use standard grease when lubricating the MK-5005S. Clean the Zerk Fitting when finished lubricating. Apply grease slowly; stop when grease is seen between joints.



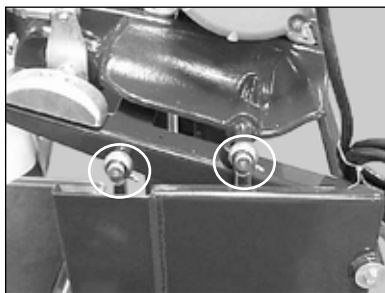
(A)
Rear Blade Guard Stay-level
pivot point, lubrication point



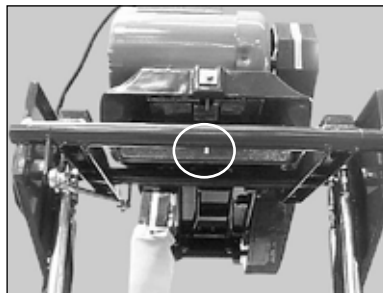
(B)
Front Blade Guard Stay-level
pivot point, lubrication point



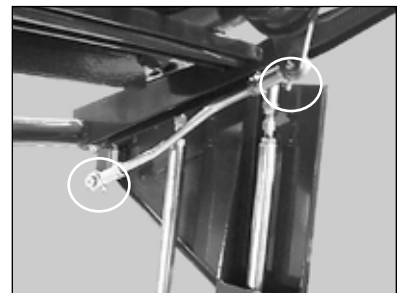
(C)
Front and Rear Connecting
Arms, left side (from front), lubrication points



(D)
Front and Rear Connecting
Arms, right side (from front),
lubrication points



(E)
Elevation Pivot Bracket, Pivot
Shaft Housing, lubrication point



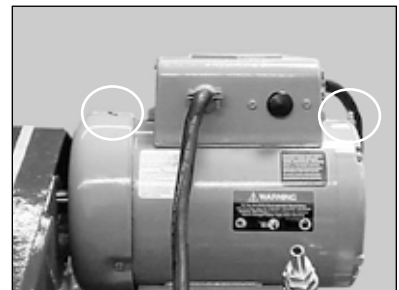
(F)
Cutting Head Rear Connecting
Arm, lubrication point



(G)
Crank Wheel Assembly Bear-
ing, lubrication point



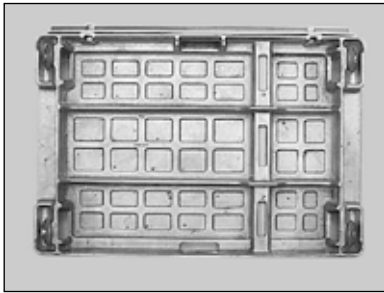
(H)
Depth Control Screw Housing,
lubrication point



(I)
Motor Bearing lubrication points

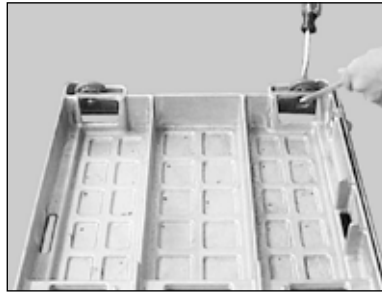
Movable Cutting Table Wheel Change-out

NOTE: All four (4) movable Cutting Table, Roller Wheels should be replaced at the same time (MK Diamond Part No. – 152493).



(A)

Place movable Cutting Table on workbench with Roller Wheels Up



(B)

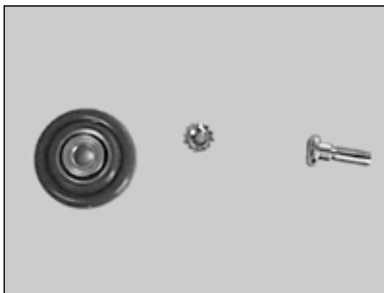
Remove Roller Wheels



(C)

Clean holes to prepare for installation of new Roller Wheels

NOTE: When installing the Retaining Bolt, do not “cross-thread” and DO NOT over tighten the Nut.



(D)

Obtain Wheel replacement parts (See parts list)



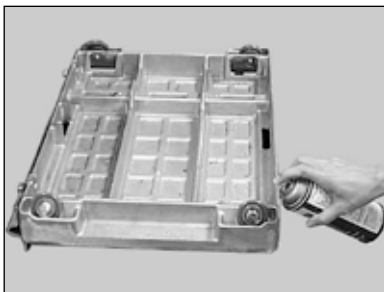
(E)

Install Wheel/Washer Assembly into movable Cutting Table



(F)

Install Roller Wheel Retaining Nut and tighten. Rotate clockwise to tighten



(G)

Lubricate Roller Wheels

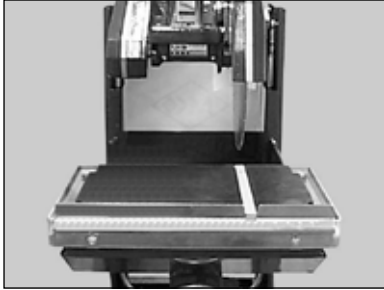


(H)

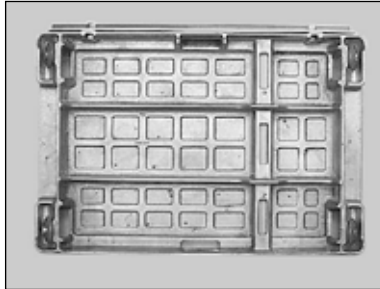
Install movable Cutting Table

Protective Wooden Strip Replacement

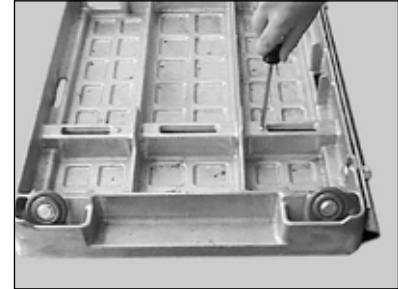
The protective Wooden Strip is to protect the movable Cutting Table from damage during operation. Over time, the Wooden Strip will become grooved from use. A grooved Wooden Strip will not support masonry during cutting causing the blade to “break through” the piece instead of performing a smooth cut (MK Diamond Part No. – 157748).



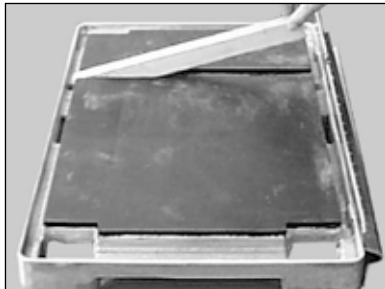
(A)
Inspect the Wooden Strip for excessive wear and grooves



(B)
Place movable Cutting Table on a work bench with the wheels up



(C)
Remove the two Protective Wooden Strip retaining screws



(D)
Replace worn Protective Wooden Strip



(E)
Place movable Cutting Table on a work bench with the wheels up, and reinstall retaining screws

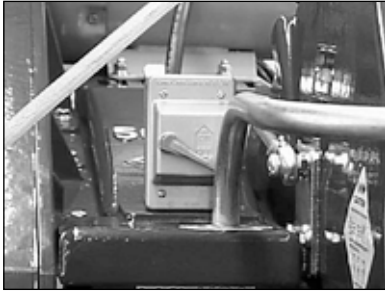


(F)
Install the movable Cutting Table

V-Belt Inspection, Adjustment and Replacement

The MK-5005S is designed with a power transmission V-belt. In order to ensure the MK-5005S operates at peak efficiency, the V-belt should be inspected monthly, and changed if the V-belt shows damage and/or excessive wear.

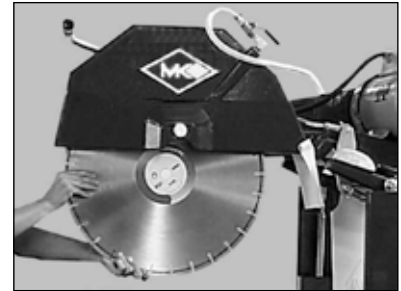
NOTE: When a new belt is installed, it should be inspected and re-tensioned after the first forty-eight (48) hours of operation.



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



(B)
Unplug MK-5005S from the power source



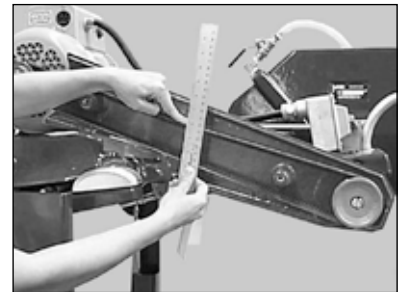
(C)
Remove the Diamond Blade



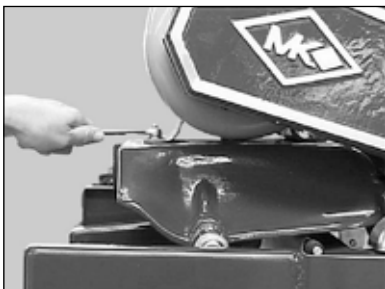
(D)
Remove the Belt Guard



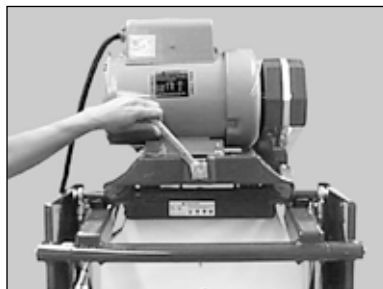
(E)
Inspect the V-belt for cracks, fraying, separation and wear. Go to step G if replacement required



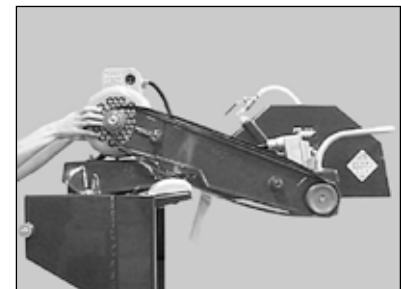
(F)
Check belt for proper tension if tension is correct, go to Step R (proper tension 1/4")



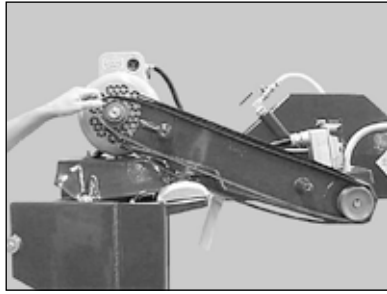
(G)
Loosen motor mounting bolts
If re-tensioning only, go to Step N



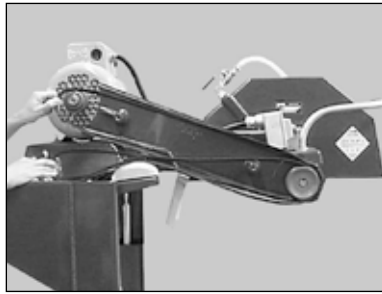
(H)
Loosen the Motor Adjustment Strap



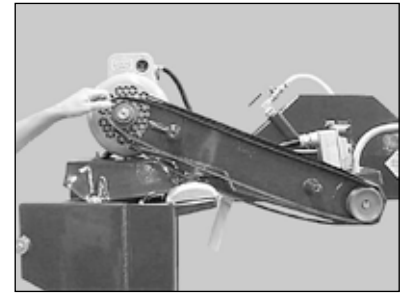
(I)
Push the motor toward the front of the Cutting Head to loosen the V-belt



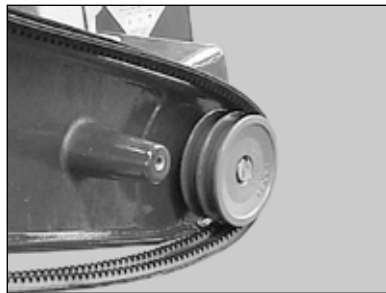
(J)
Remove the outer V-belt



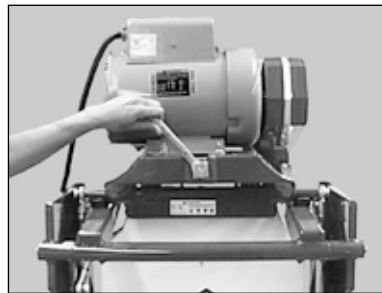
(K)
Remove the inner V-belt



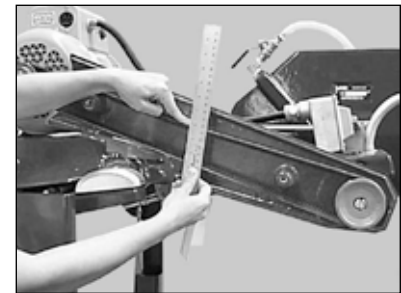
(L)
Install 2 new V-belts
(MK Diamond Part No. 152028)



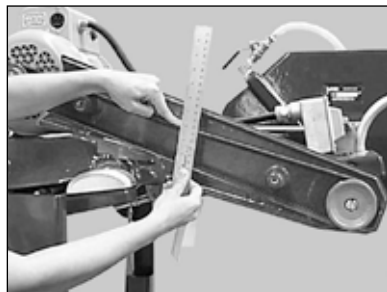
(M)
Verify the V-belts are seated in
the grooves of both pulleys



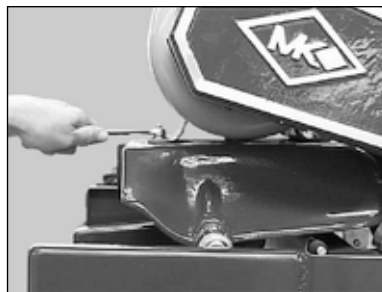
(N)
Tighten the Motor Adjustment
Strap to remove slack



(O)
Check V-belt tension
(proper tension 1/4")



(P)
Repeat Steps N and O until
proper V-belt tension is achieved
(proper tension 1/4")



(Q)
Tighten the motor
mounting bolts

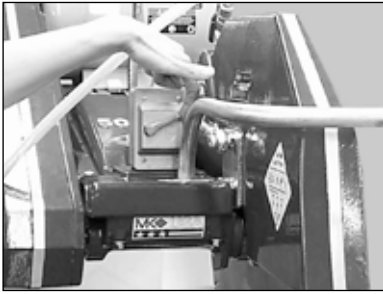


(R)
Install the Belt Guard

MK-5000S Block Saws - Pulley Combinations by MK Part Number

Blade Size	Electric (60 Hz) (1725 RPM Only)			Electric (50 Hz) (1425 RPM Only)			Electric (60 Hz) (3450 RPM Only)
	14 inch	20 inch	24 inch	14 inch	20 inch	24 inch	20/24 inch
Motor Pulley 5-7-9 Hp Elect. 9-13 Hp Gas 10 Hp Elect.	160412 165796	160412 165796	160411 165795	160413 165797	160413 165797	160412 165796	156563 •
Motor Pulley to Jack Shaft	•	•	•	•	•	•	•
Jack Shaft to Arbor	•	•	•	•	•	•	•
Arbor STD (3/4") HD (1")	160364 164737	160362 161135	160362 161135	160364 164737	160362 161135	160362 161135	157536 161162
Motor Belts	156551			156551			156551
Arbor Belts	156551			156551			156551

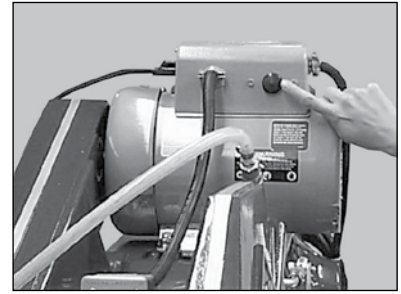
Blade Stops Turning



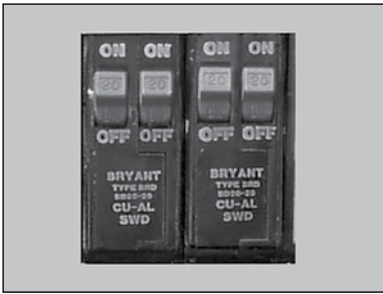
(A)
Verify the motor ON/OFF switch is in the ON position



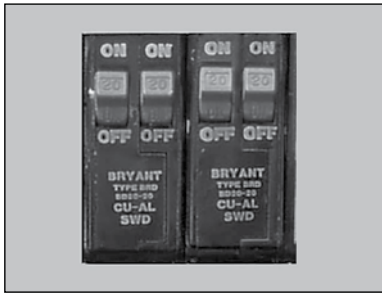
(B)
Verify the MK-5005S is connected to the power source



(C)
Allow motor to cool and depress the motor Overload Reset Switch



(D)
Verify the circuit breaker is at least 30 amps - if not, move to 30-amp circuit

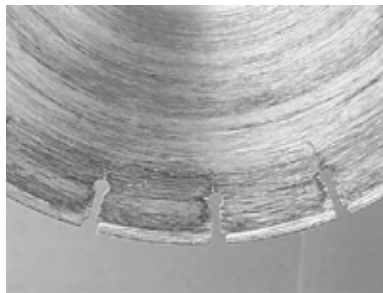


(E)
Verify circuit breaker is not tripped, if tripped, reset once

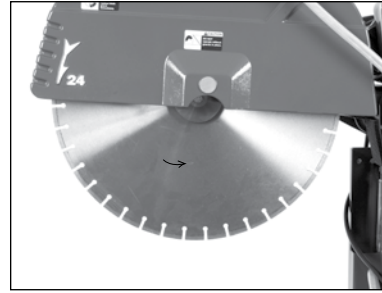


(F)
Check power source voltage is 230V - if not 230V, move to another circuit

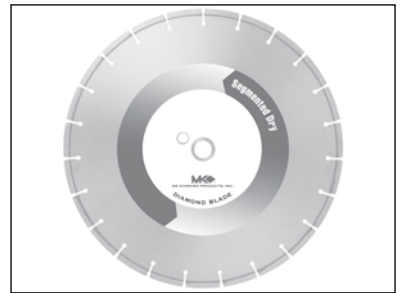
Blade Will Not Cut Properly



(A)
Check for smoothness or "glazing"



(B)
Check for proper rotation



(C)
Ensure Blade Core is not bent. Verify blade is correct for material being cut

Movable Cutting Table Does Not Move Correctly



(A)
Check Guide Rails are clean
and check for Roller Wheel
damage



(B)
Verify ease and freedom of
movement

Cooling Flow Stopped



(A)
Check Cooling Flow
Control Valve is open



(B)
Remove Transfer Tube from
Blade Guard



(C)
Place Water Pump in clean
water source and check for flow
(if no flow go to Step G)

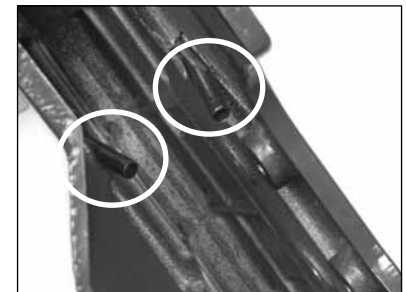
NOTE: “Rodding” Cooling Channels is performed by removing the Flow Control Valve and then inserting a small wire rod through the cooling channel inlet, located on the underside of the Blade Guard. The Cooling Channels should be “rodded” until each of the outlet ports are open and free of foreign debris.



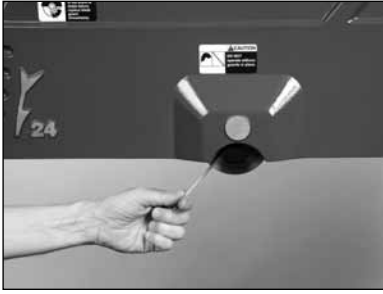
(D)
Verify Cooling Valve operation
by removing the valve from the
Blade Guard



(E)
Attach the Cooling Valve to the
Transfer Tube to verify flow –
if no flow, replace valve



(F)
Locate Cooling Channels inside
Blade Guard



(G)
Rod Cooling Channels and
recheck flow

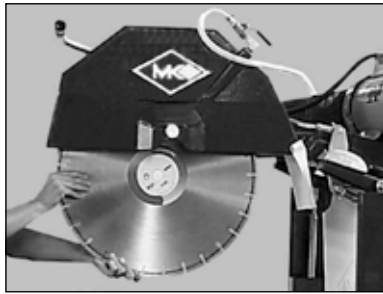


(H)
Verify Water Pump suction is
clean and pump impeller is
turning. Pump Impeller is inside
water inlet

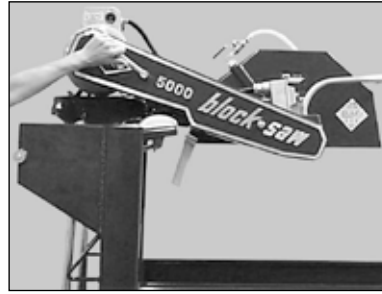


(I)
Verify Water Pump drive end is
in the operating position

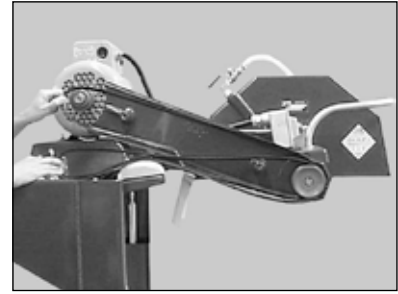
Vibration



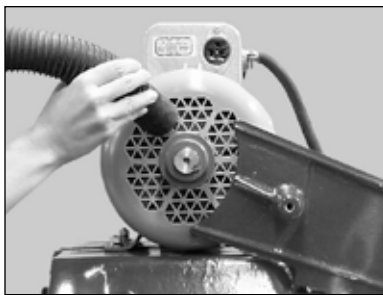
(A)
Remove the Diamond Blade
and recheck vibration



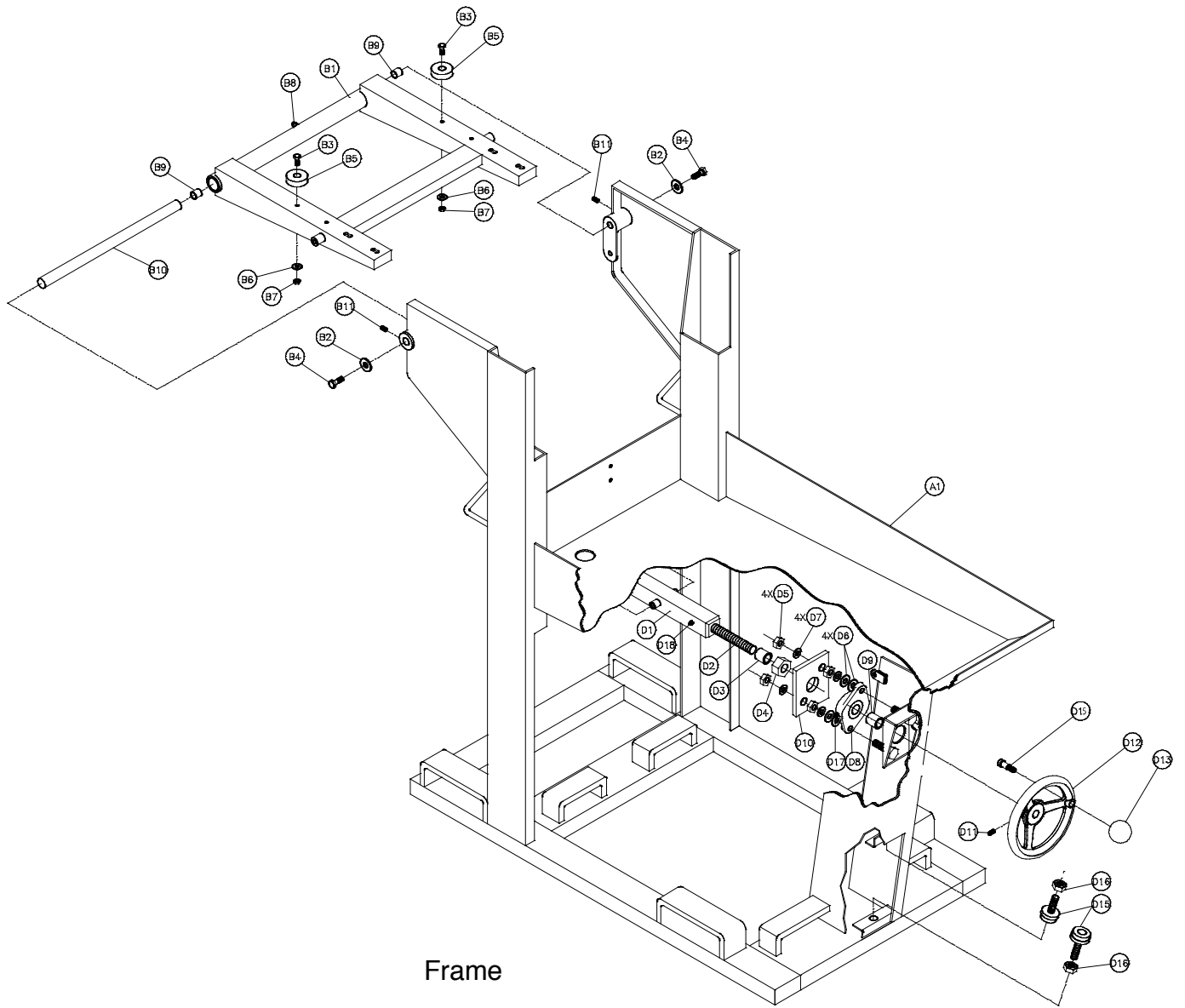
(B)
Remove the Belt Guard

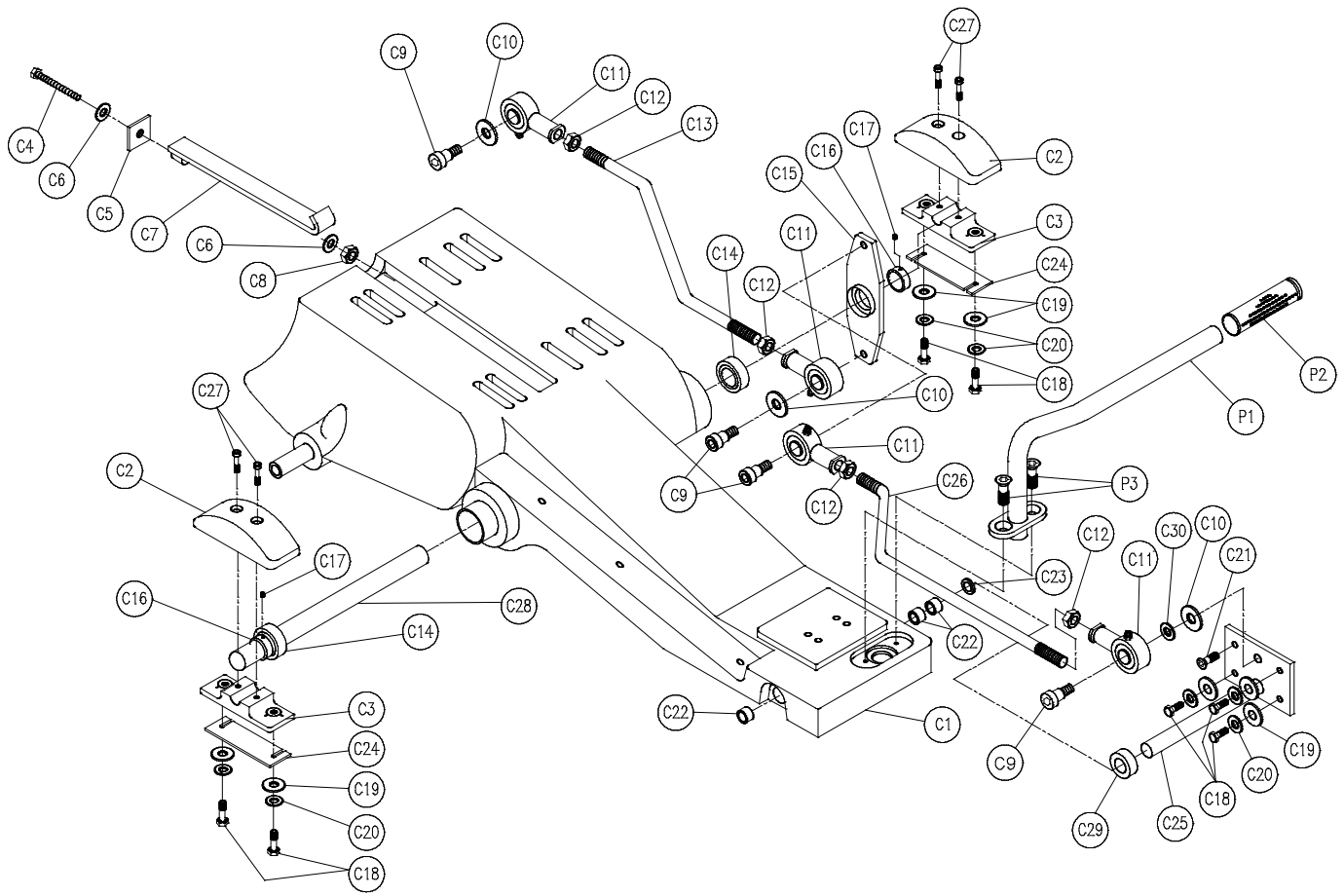


(C)
Remove the V-belts

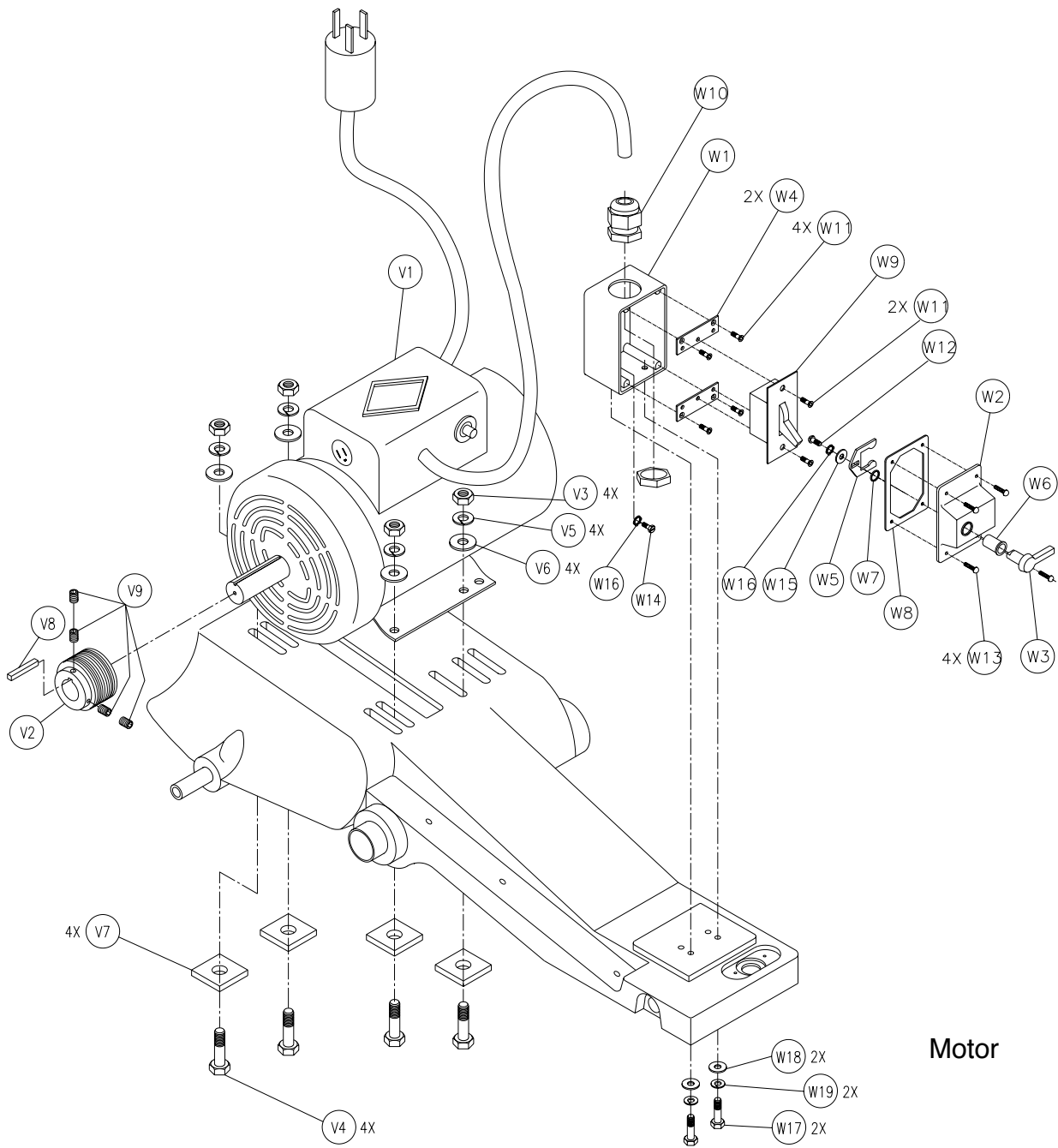


(D)
Clean motor and
recheck vibration

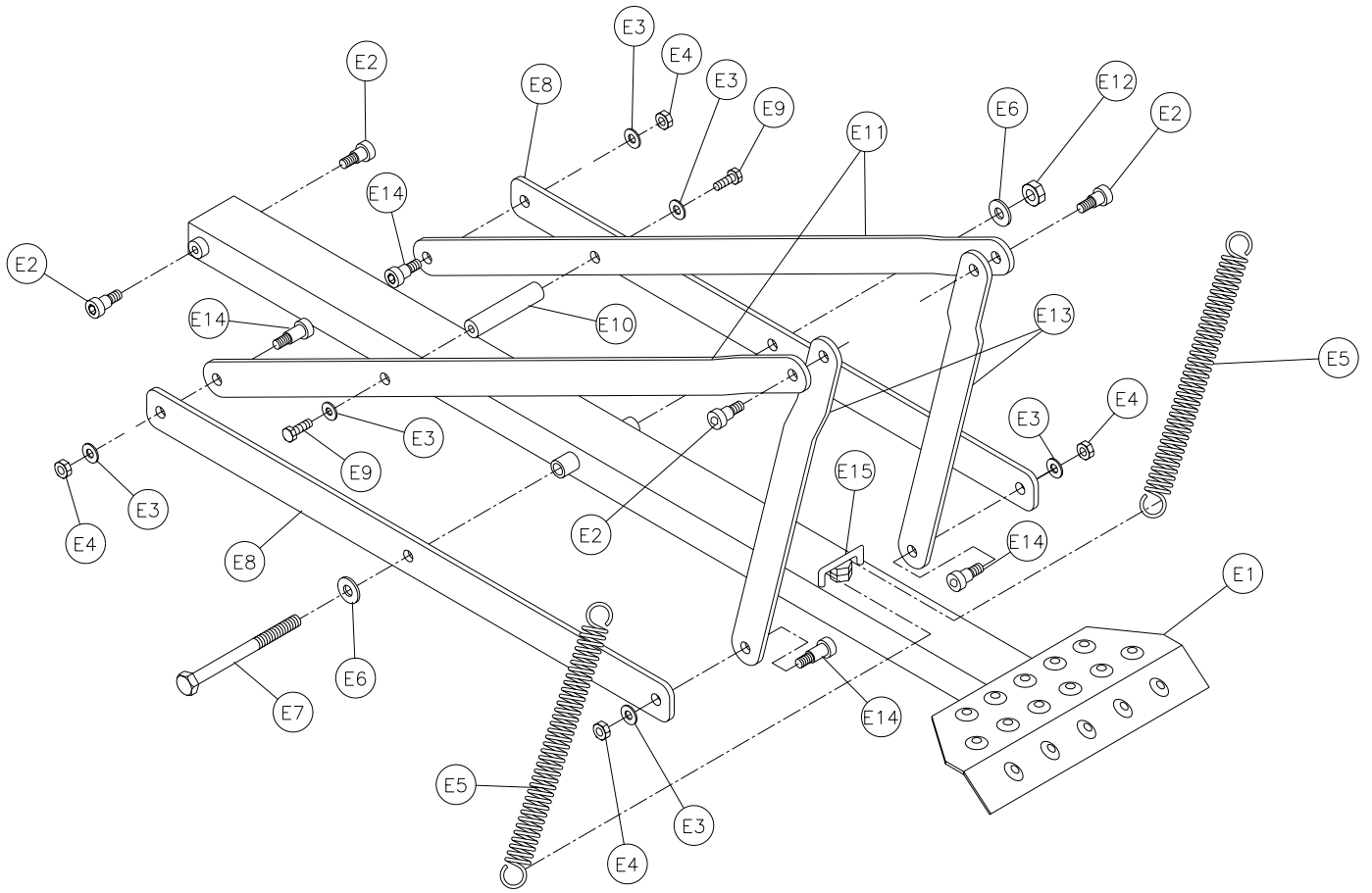




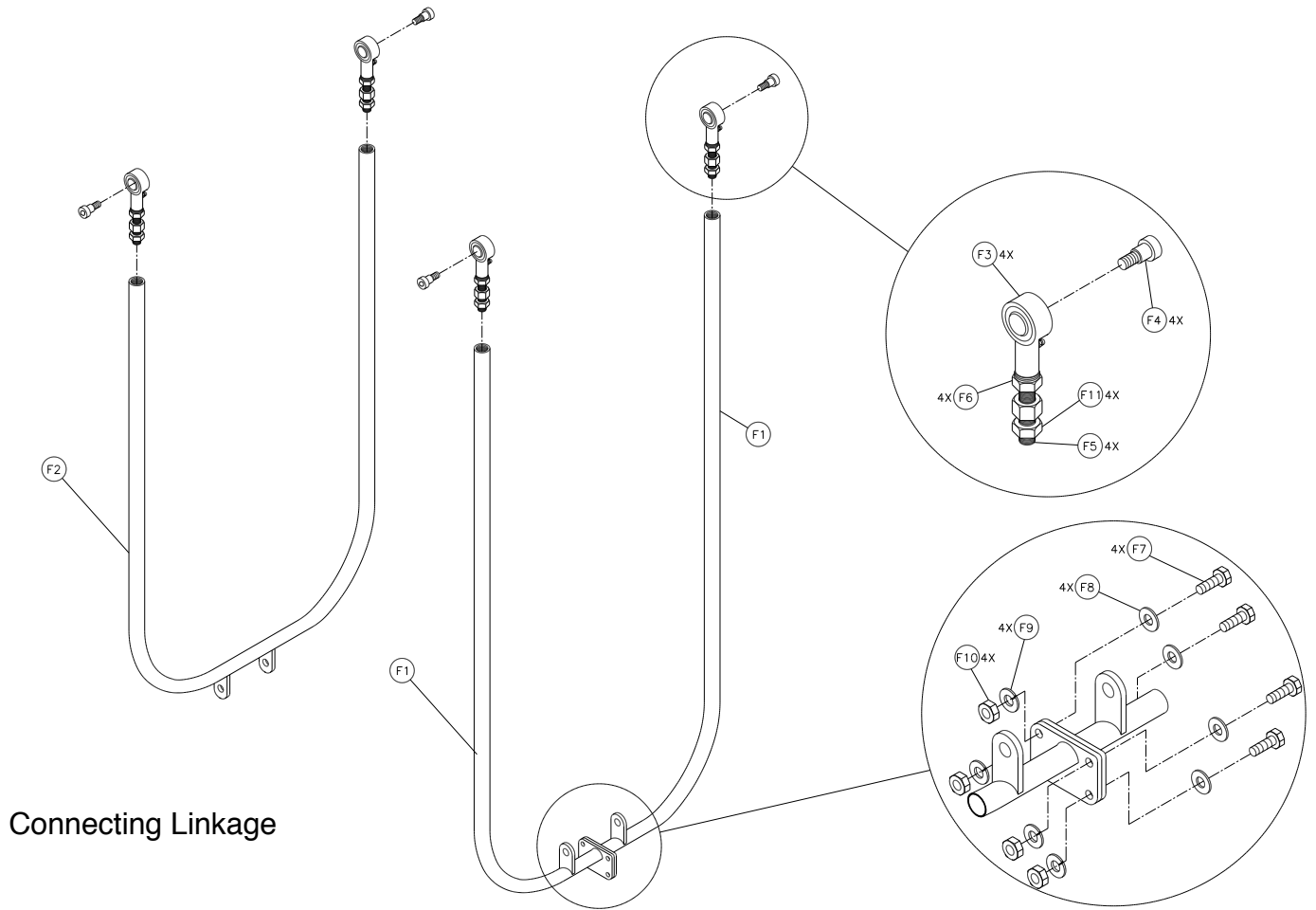
Cutting Head



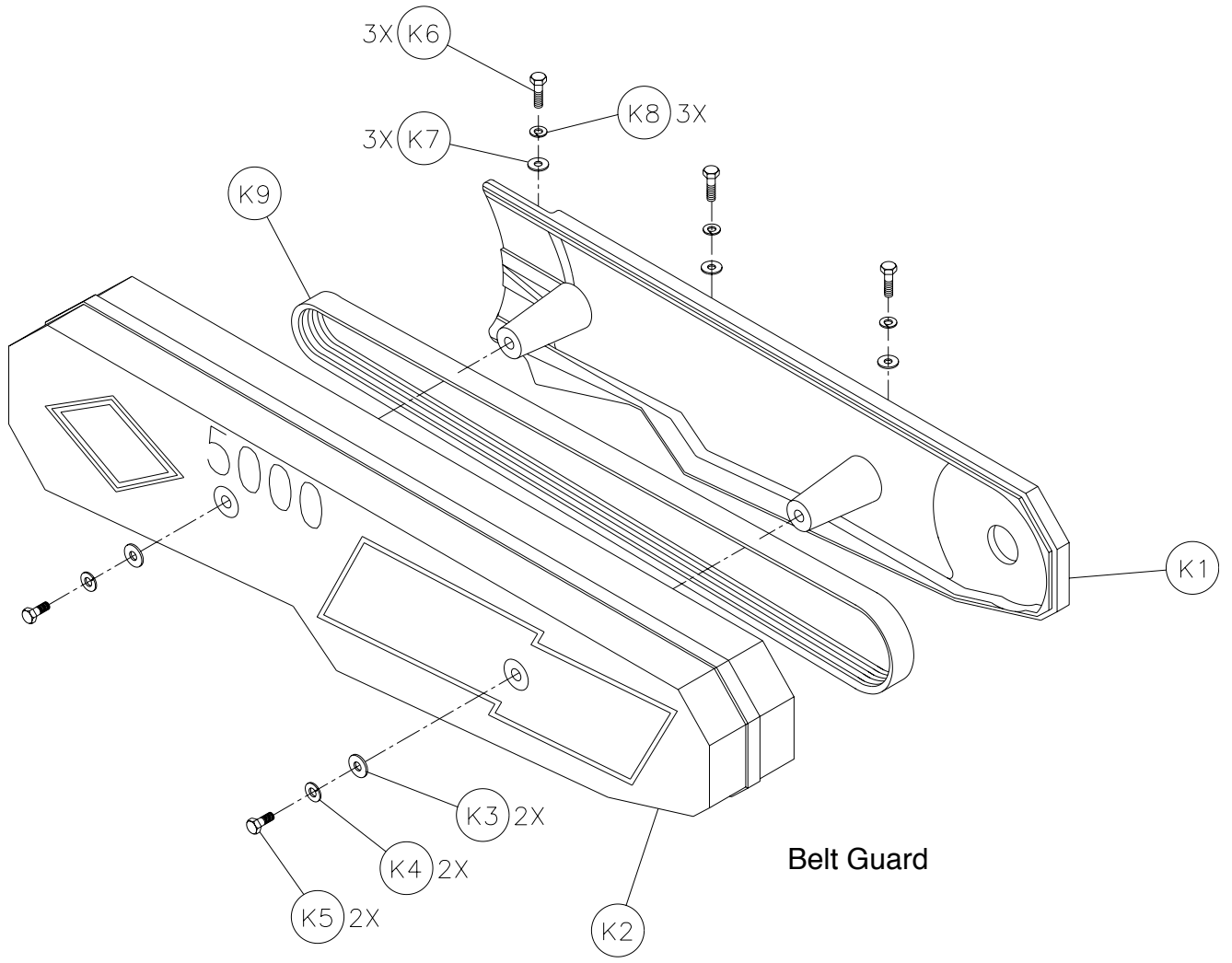
Motor

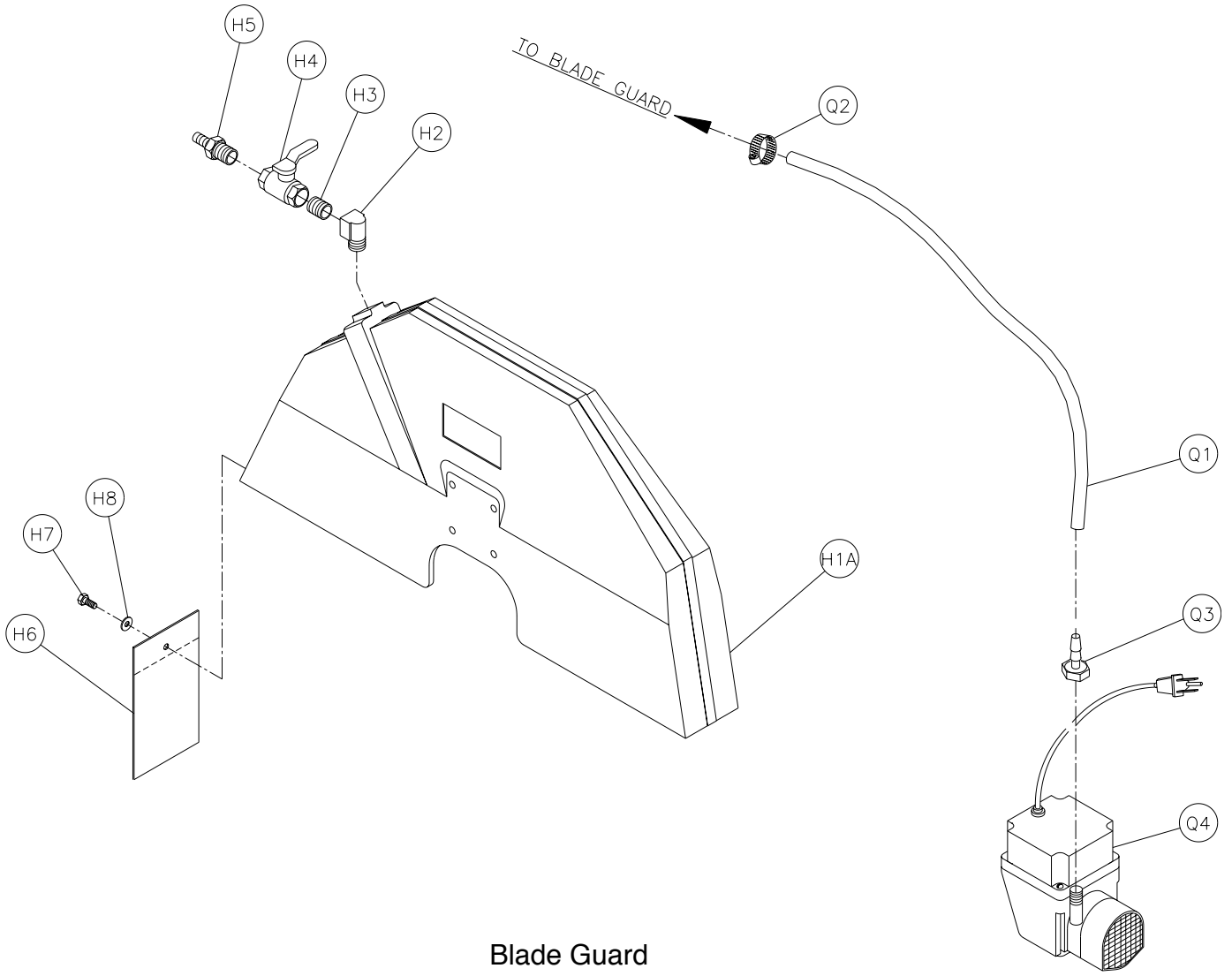


Foot Pedal Linkage

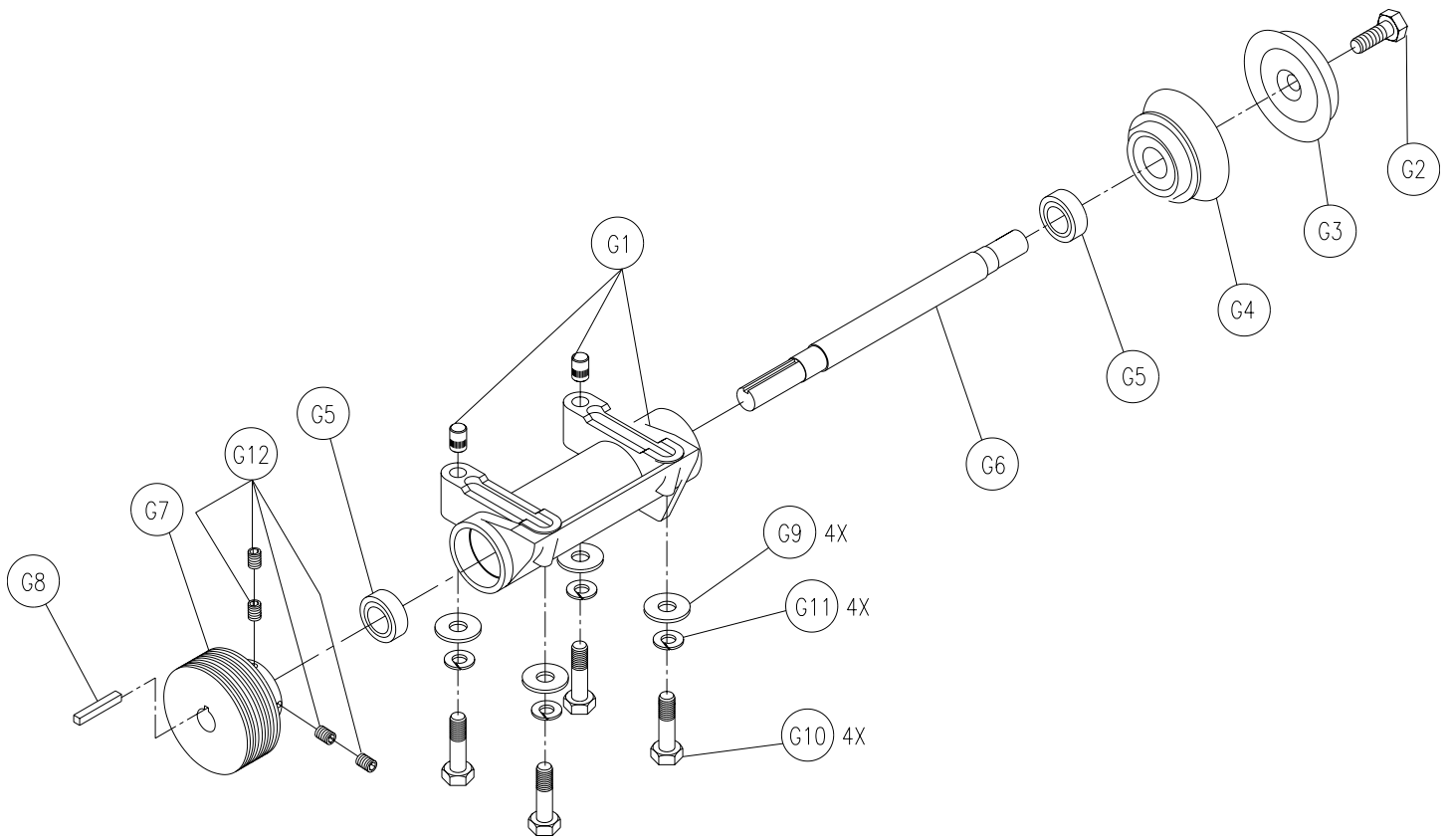


Connecting Linkage

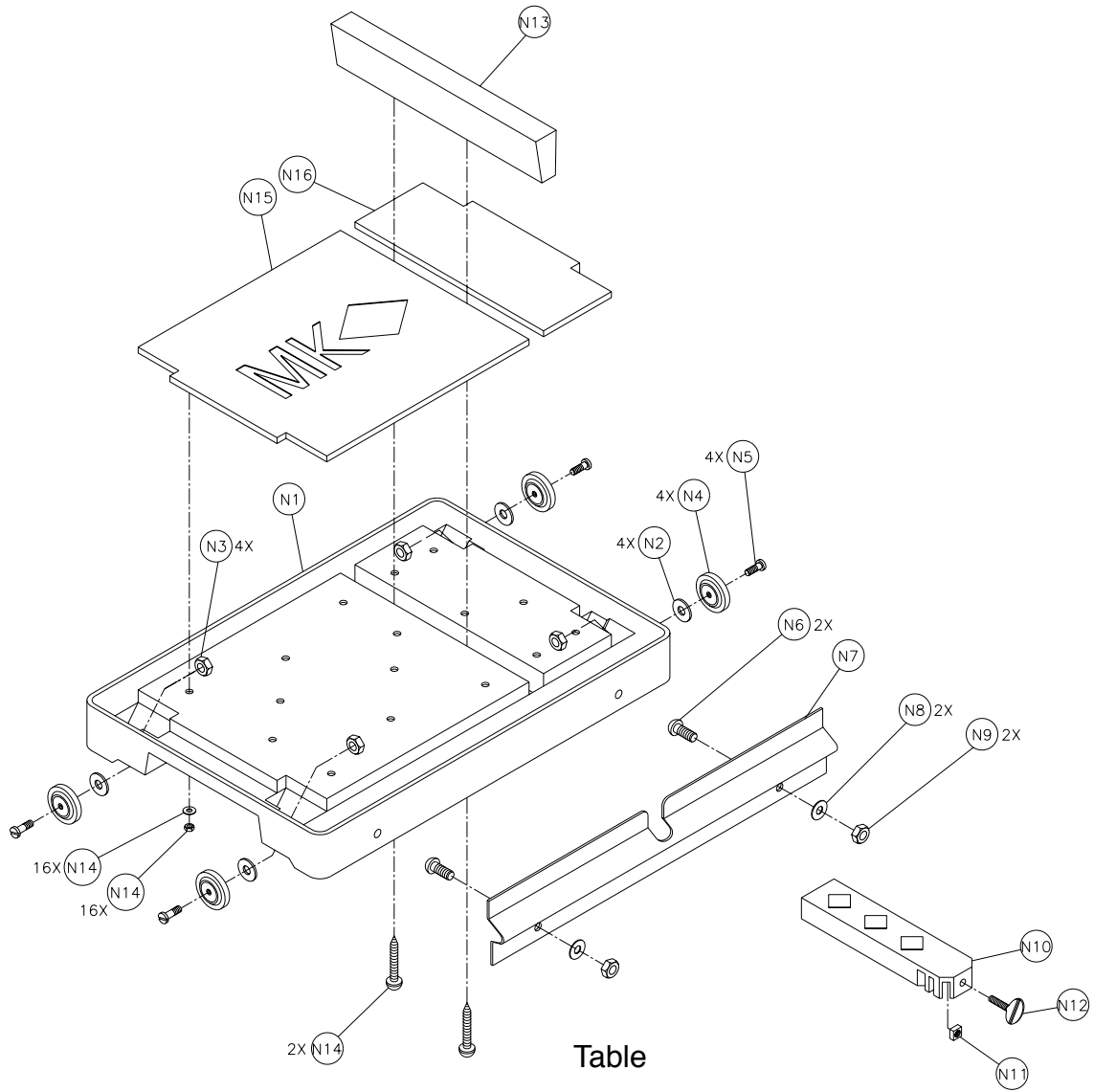


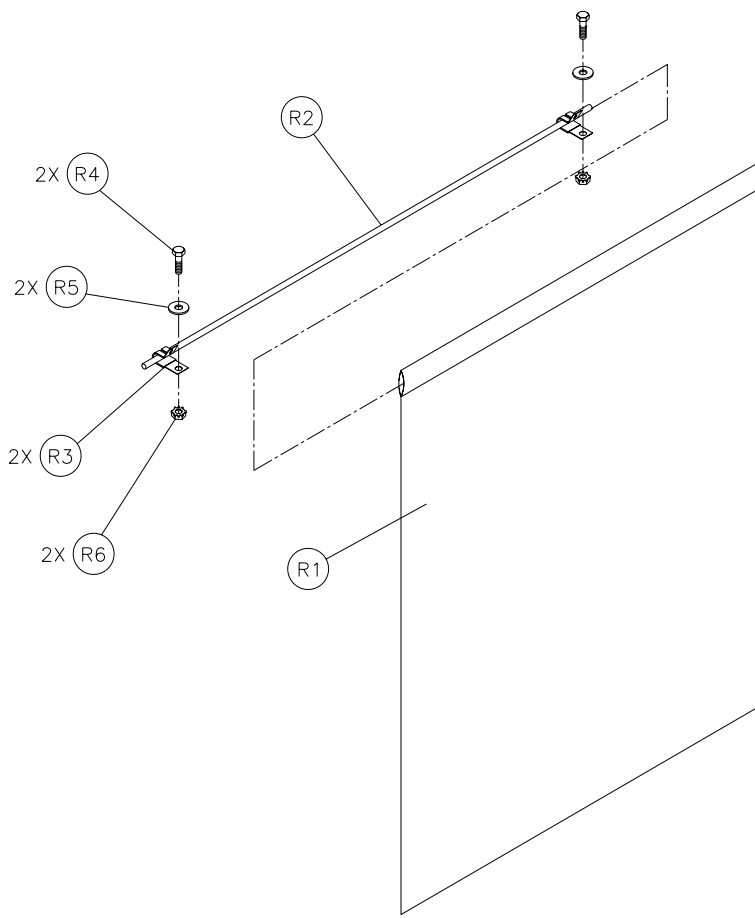


Blade Guard

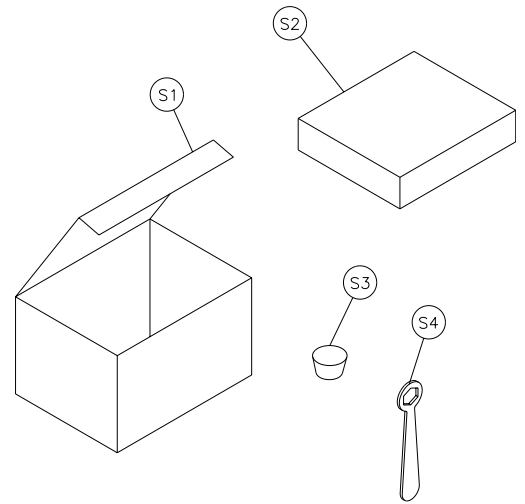


Arbor Shaft





Curtain



Accessories

Item	Description	Qty	Part #
A	Frames	-	-
A1	Frame, MK-5000 Main	1	155541
B	Pivot Bracket	-	-
B1	Bracket, Elevation Pivot	1	156285
B2	Washer, 3/8 ID x 1-1/2 OD, Fender Washer	2	158523
B3	Screw, 1/4-20 x 1/2 Hex Head	2	152608
B4	Screw, 3/8-16 x 3/4 Hex Head	2	153527
B5	Bumper, 1/4 ID x 1-1/2 OD x 3/4	2	154496
B6	Washer, 1/4 SAE Flat	2	151915
B7	Nut, 1/4-20 Hex	2	151893
B8	Fitting, Grease (zerk)	1	153852
B9	Bushing, 1 x 1-1/4 x 2 MIS	2	154571
B10	Shaft, Pivot Arm MK-5000	1	155880
B11	Screw, 1/4-20 x 1/4 Socket Head Set, Cone point	2	153864
C	Cutting Head MK-5000	-	-
C1A	Casting, Cutting Head (comp)	1	155783
C2	Cover, 5000 Mounting Block (Comp)	2	156265
C3	Casting, 5000, Mounting Block (Comp)	2	155762
C4	Bolt, 3/8- 16 x 4-1/2 Hex Head Tap	1	153110
C5	Washer, 1-1/4 x 1-1/4 Square	1	157567
C6	Washer, 3/8 SAE Flat	2	150923
C7	Strap, Motor Adjustment	1	153611
C8	Nut, 3/8- 16 UNC	1	101188
C9	Screw, 1/2 x 1/2 Socket Head Shoulder	4	151753
C10	Washer, 1/2 SAE Flat	3	150924
C11	Joint, 1/2- 20, Female Spherical (RH)	4	154387
C12	Nut, 1/2- 20 Jam (RH)	4	154460
C13	Arm, Rear Connecting	1	158563
C14	Bearing, Ball 5/8 ID x 1-3/8 OD	2	140004
C15	Crank, Bell	1	157426
C16	Collar, Stop 5/8 ID x 1-1/8 OD x 1/2	2	140012
C17	Screw, 5/16-18 x 1/4, Socket Head Set	2	152607
C18	Screw, 5/16 x 18 x 1, Hex HD Cap	7	151743
C19	Washer, 5/16 SAE Flat	7	151754
C20	Washer, 5/16 Split Lock	7	151747
C21	Screw, 5/16-18 x 1 Flat, Socket HD Cap	1	155552
C22	Bushing, .75 x .875 x 1 Steel	3	160826
C23	Washer, Nylon .75 x 1.25 x .093	2	160827
C24	Shim, Mount Pivot Shaft Various	2	155905
C25	Shaft, Blade Guard Pivot	1	155886
C26	Link Rod, Blade Guard	1	158564
C27	Screw, 1/4- 20 x 1 Socket Head Cap	4	151049





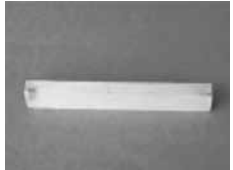
Item	Description	Qty	Part #
C28	Shaft, Cutting Head Pivot	1	154828
C29	Collar, 3/4 Set	1	153814
C30	Washer, 3/8 Split Lock	1	150925
D Depth Control			
D1	Housing, Adjustment Shaft	1	152116
D2	Screw, 3/4- 6 x 10-7/8, Depth Control	1	150840
D3	Spacer, 3/4 ID x 1 OD x 3/4	1	156249
D4	Locknut, Feed Screw	1	158227
D5	Nut, 3/8- 16 Hex Hd.	4	101188
D6	Washer, 3/8 SAE Flat	4	150923
D7	Washer, 3/8 Split Lock	4	150925
D8	Bearing, Flange FC2-25 x 3/4 ID	1	152025
D9	Spacer , .76 ID x 1 OD x 1.187	1	156250
D10	Plate, Bearing Support	1	156278
D11	Screw, 3/8-16 X 1/2 Socket Head Set, cup point	1	153710
D12	Wheel, Depth Control (comp)	1	153646
D13	Knob, Ball, 2", 3/8-16 Insert	1	158519
D15	Screw, 1/2 x 3/4 Socket Head Shoulder	1	156177
D16	Bumper, 1-1/2 Dia. x 1/2- 13 x 3 Stud	2	158605
D17	Nut, 1/2- 13 Hex	2	151282
D18	Fitting, Grease	2	153852
E Footpedal Linkage			
E1	Footpedal and Bar, 5000 Block Saw	1	160139
E2	Screw, 1/2 x 1/2 Socket Head Shoulder	4	151753
E3	Washer, 3/8 SAE Flat	6	150923
E4	Nut, 3/8-16 Center Lock	4	153522
E5	Spring, Footpedal	2	152115
E6	Washer, 1/2 SAE Flat	2	150924
E7	Screw, 1/2-13 x 5-1/2 Hex Head Cap	1	158526
E8	Linkage, Pedal Horizontal	2	152112
E9	Screw, 3/8- 16 x 1 Hex Head Cap	2	152507
E10	Pedal, Shaft Tie	1	156259
E11	Linkage, Pedal Diagonal	2	152113
E12	Nut, 1/2- 13 Center Lock	1	156238
E13	Linkage, Pedal Vertical	2	152114
E14	Screw, 1/2 x 3/4 Socket Head Shoulder	4	156177
E15	Hook Bolt, Weldment, 5000 Block Saw	1	160141
F Connecting Linkage			
F1	Link, Front Connecting	2	156253
F2	Link, Rear Connecting	1	156252
F3	Joint, 1/2- 20 Female Spherical (RH)	4	154387

Item	Description	Qty	Part #
F4	Bolt, 1/2 x 1/2 Socket Head Shoulder	4	151753
F5	Screw, Adjustment	4	154433
F6	Nut, 1/2- 20 Jam	4	154460
F7	Bolt 5/16- 18 x 1 Hex HD	4	151743
F8	Washer, 5 /16 SAE Flat	4	151754
F9	Washer, 5/16 Split Lock	4	151747
F10	Nut, 5/16- 18, Hex HD	4	101196
F11	Nut, 1/2- 20 Jam (LH)	4	154461
G	Blade Shaft MK-5000	1	154636
G1	Casting, Blade Shaft MK-5000 (comp) Pin, Arbor Alignment	12	154637 153946
G2	Screw, 1/2- 20 x 1-1/4 Hex HD Cap	1	152122
G3	Flange, Blade Shaft Outer	1	132290
G4	Flange, Blade Shaft Inner	1	154640
G5	Bearing, Blade Shaft	2	154594
G6	Shaft, Blade 3/4 MK 5000	1	154639
G7	Pulley, 16J28X.75 Bore	1	160362
G8	Key, 3/16 x 3/16 x 1-1/8 Square	1	150344
G9	Washer, 5/16 SAE Flat	4	151754
G10	Screw, 5/16- 18 x 2-1/2, Hex HD	4	101675
G11	Washer, 5/16 Split Lock	4	151747
G12	Screw, 5/16- 18 x 3/16 Socket HD Set	4	151167
H	Blade Guard MK-5000	-	-
H1A	Casting, Blade Guard, MK-5000 (comp)20"	1	159674
H2	Elbow, 3/8 NPT 90 Brass Street	1	152074
H3	Nipple, 3/8 NPT x Close Brass	1	152073
H4	Valve, 3/8 Ball	1	152075
H5	Fitting, 3/8 MNPT x 3/8 BARB Brass	1	152076
H6	Guard, Splash	1	160310
H7	Screw, 1/4-20 x 5/8 Hex HD	1	150404
H8	Washer, 1/4 SAE Flat	1	151915
K	Belt Guard, Electric	-	-
K1	Casting, Belt Guard Inner (comp)	1	154634
K2	Casting, Belt Guard Outer (comp)	1	154635
K3	Washer, 3/8 SAE Flat	2	150923
K4	Washer, 3/8 Split Lock	2	150925
K5	Bolt, 3/8-16 x 2-1/2 Hex HD Tap	2	155589
K6	Bolt, 5/16-18 x 1-1/4 Hex HD Tap	3	151748
K7	Washer, 5/16 SAE Flat	3	151754
K8	Washer, 5/16, Split Lock	3	151747
K9	Belt, 16J610	1	156551

Item	Description	Qty	Part #
N	Assembly, 5000 Table	1	152124
N1	Casting, 5000 Table (comp)	1	152455
N2	Washer, 5/16 SAE Flat	4	151754
N3	Nut, 5/16-18 Hex	4	101196
N4	Wheel, Roller	4	152493
N5	Stud, Roller Wheel	4	152494
N6	Bolt, Carriage 7/16-14 x 1-1/4	2	152423
N7	Backstop, Rule Conveyor Cart	1	152126
N8	Washer, 7/16 Split Lock	2	152424
N9	Nut, 7/16-14 Hex	2	150922
N10	Casting, Squaring Arm (comp)	1	132332
N11	Nut, 5/16- 18 Square	1	151156
N12	Screw, Thumb, 5/16- 18 x 1-1/2	1	151155
N13	Wood Strip, Table Insert 5000	1	157748
N14	Screw, #6 X 1 Bugle Head Phillips Drywall	2	159906
N15	Mat, 5000 Table (large)	1	160165
N16	Mat, 5000 Table (small)	1	160166
N17	Nut, 1/4-20 Nylock	16	159857
N18	Washer, 3/8 SAE Flat	16	150923
P	Handles	-	-
P1A	Handle, Cutting Head 20"	1	155851
P2	Handgrip, 7/8"	1	139949
P3	Screw, 3/8- 16 x 1 Flat Socket HD Cap	2	154019
Q	Water Pump, Electric	-	-
Q1	Hose, Vinyl 1/2 ID x 3/4 OD x 6'	1	150845
Q2	Clamp, Hose 5/8	1	151198
Q3	Adapter 1/4 x 1/4 Pump TPF-22	1	128397
Q4A	Pump, 300GPH, 115V 60Hz	1	160509
R	Curtain	-	-
R1	Curtain, Splash, MK-500	1	160764
R2	Rod, Splash Curtain	1	160711
R3	Clamp, Cushion Loop	2	152592
R4	Screw, 1/4 - 20 x 3.4 Hex HD	2	152370
R5	Washer, 1/4 Flat SAE	2	151915
R6	Nut, Hex, Dep 1/4 - 20	2	153941

Item	Description	Qty	Part #
S	Accessory Pack	-	-
S1	Carton, Accessory Pack MK-5000	1	152432
S2	Insert, Accessory Pack MK-5000	1	152433
S3	Plug, Rubber Drain	1	153439
S4	Wrench, Masonry Saw	1	134056
S5	MK-5005S Owners Manual	1	158769
S6	Blade, MK-799DE	1	158237
T	Carton	-	-
T1	Carton, 5000	1	152994
T2	Pallet, 5000	1	152072
V	Motors	-	-
V1A	Motor, 5Hp, 208-230V, 60Hz, 1ph	1	159472
V2B	Pulley, 16J31 X 1.125 Bore	1	160412
V3	Nut, 3/8- 16 Hex	4	101188
V4	Screw, 3/8- 16 x 1-3/4 Hex Head Cap	4	150920
V5	Washer, 3/8 Split Lock	4	150925
V6	Washer, 3/8 SAE Flat	4	150923
V7	Washer, Sq. 1-1/4 x 1-1/4	4	157567
V8	Key, 1/4 x 1/4 x 1-3/4 Square	1	150796
V9	Screw, 5/16- 18 x 3/16 Socket HD Set	4	151167
W	Switch, Electrical, Single Phase	-	-
W1	Box, Elec, Top, 1-1/2, (Comp)	1	160870
W2	Cover, 30A Switch Box (Comp)	1	159539
W3	Lever, Actuator, 30A Switch Box (Comp)	1	159540
W4	Plate, Mounting, 30A Switch	2	159489
W5	Lever, On/Off, 30A Switch Box	1	159490
W6	Bushing, Nylon, 30A Switch Box	1	158799
W7	Seal, Urethane, 30A Switch Box	1	159492
W8	Gasket, 30A Switch Box	1	159491
W9	Switch, 30A/2HP/120V/DPST	1	159488
W10	Connector, Cord LTF 29	1	160689
W11	Screw, 6-32 X 5/16 Flat Head Phillips Machine	6	159493
W12	Screw, 10-24 X 1/4 Pan Head Phillips Machine	1	159494
W13	Screw, 6-32 X 5/8 Pan Head Phillips Machine	4	157393
W14	Screw, 10-24 X 5/16 Slotted Hex Washer Head Grounding	1	159597
W15	Washer, #10 SAE Flat	1	154369

ACCESSORIES

Item	Number	Description	
1.	150379 150380 150381	MK-434D, 14" Premium Dry Cutting Blade MK-434D, 18" Premium Dry Cutting Blade MK-434D, 20" Premium Dry Cutting Blade	
2.	128710 128728 128736	MK-50S, 14" Premium, Wet Cutting, Blade MK-50S, 18" Premium, Wet Cutting, Blade MK-50S, 20" Premium, Wet Cutting, Blade	
3.	152205 156426 152740	MK-799D, 14" Standard Dry Cutting Blade MK-799D, 18" Standard Dry Cutting Blade MK-799D, 20" Standard Dry Cutting Blade	
4.	152493	Roller Wheel	
5.	157748	Protective Wooden Strip	

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 \$5.00 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-5005S BLOCK SAW
OWNER'S MANUAL & OPERATING INSTRUCTIONS



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