

SINGLE DISC GRINDER OWNER'S MANUAL OPERATING INSTRUCTIONS

<u>MODELS</u>	<u>PART #</u>
SDG-101	169156



Revision 106	08.2018
Manual 170103	

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 SDG Grinder. We are certain that you will be pleased with your purchase. MK Diamond takes pride in producing the finest construction power tools in the industry.

Operated correctly, your SDG Grinder 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 SDG Grinder safely and correctly. Please take the time to familiarize yourself with the SDG Grinder by reading and reviewing this manual.

Read and follow all safety, operating and maintenance instructions.

If you should have questions concerning your SDG Grinder, 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!



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. (cut/ground)

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 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/docs/96-112/>

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

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

<http://www.P65warnings.ca.gov>

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.

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.

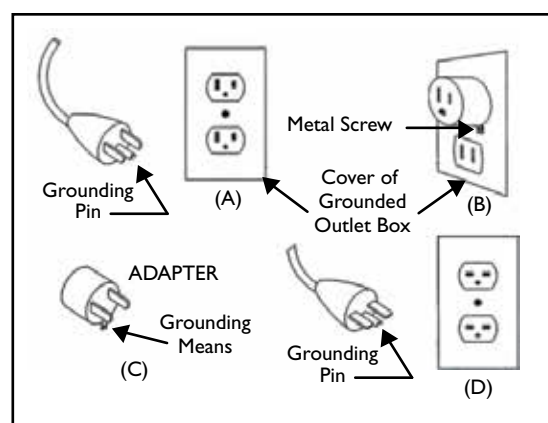
- Do not modify the plug provided – if it will not fit the outlet; have the proper outlet installed by a qualified electrician
- Improper connections of the equipment-grounding conductor can result in a risk of electric shock. The equipment-grounding conductor is the insulated conductor that has an outer 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 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, lug, and the like, extending from the adapter, must be connected to a permanent ground such as a properly grounded outlet box.

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



Circuit and Adapter Information

**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,” 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 water traveling 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.

**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. Do not allow the cord to come in contact with the grinding head/wheel or other moving parts of the machine. Keep cords away from heat and sharp edges. Always disconnect the extension cord from the receptacle before disconnecting the product from the extension cord.

**WARNING**

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

**WARNING**

Use of under sized 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,

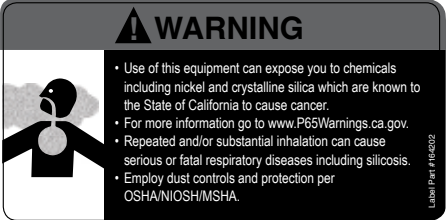
- Locate the length of extension cord needed in the table below.
- Once the proper length is found, move down the column to obtain the correct AWG size required for that length of extension cord.

MOTOR SPECS			EXTENSION CORD LENGTH			
Motor	Voltage	Amps	25'	50'	100'	200'
06-550-10	115V 1 Ph	12.8	14 ga	12 ga	8 ga	6 ga
	208/230V 1 Ph	6.4	18 ga	16 ga	14 ga	10 ga

OPERATION & SAFETY DECALS


The SDG 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




Part # 164202

D




Part # 155038

E




Part # 155672

F




Part # 170480

G




Part # 171305

B



Part # 154398

C

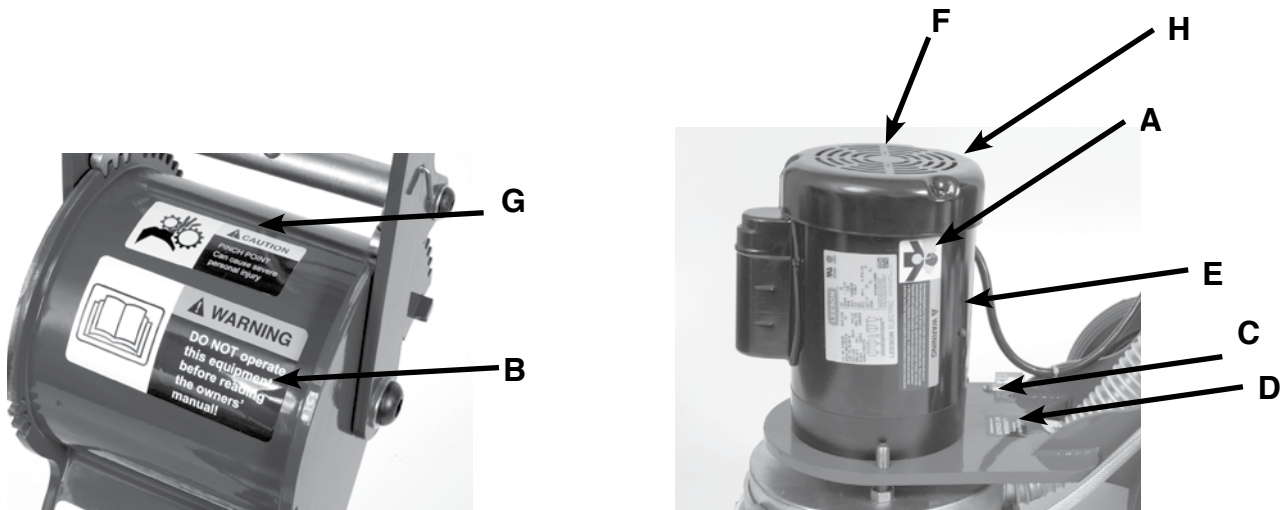


Part # 155585

H

WARNING: This equipment contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. These chemicals are contained in various components, fluids and paint, including but not limited to, fuel, oil, electric motors and batteries. In addition, gasoline/diesel powered equipment emits engine exhaust and fumes, and when serviced, cleaned or maintained generate used oil, waste fluids, fumes, grease, grime and particulates from component wear and silica dust which contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Part # 172641



Location	Description
A Motor - Side	Warning - Silica Warning
B Switch Box	Read Manual
C Motor - Side	Caution - Hands & Feet Clear
D Motor - Back	Service/ Warranty
E Motor - Side	Notice - Extension Cord
F Switch Box	QR Code for Manual
G Motor - Back	Caution - Pinch Point
H Motor - Back	Prop 65

PRODUCT SPECIFICATIONS

The SDG is a versatile unit. Operated and used according to this manual, the SDG will provide years of dependable service.

FEATURES

- Uses either a 10 or 20 segment 10" diameter diamond grinding discs to level, smooth or clean the top surface of concrete slabs.
- Provides a smoother finish compared to other methods such as scarifiers.
- Dust shroud helps contain grinding debris.
- Works on concrete slabs, terrazzo, brick, stone and ceramic tile floors.
- The unique shroud system automatically adjusting to suit segment height and floor angle.

SPECIFICATIONS

Specifications for the SDG are listed in the table below.

Model	SDG-101
Power	110V/230V 1-Phase
Amps	12.8/6.4
Horsepower	1 Hp
Disc RPM	1725
Disc Capacity	10" (254mm)
Ballast	70 lbs. (32kg)
Weight	120 lbs. (54kg)
LxWxH (inches)	43" x 14" x 41"
LxWxH (mm)	1092 x 356 x 1041
Part #	169156

CONTENTS

! CAUTION Use proper lifting techniques when lifting the SDG.

In your container, you will find

One (1) SDG

One (1) Owner's Manual

One (1) Motor Manual

One (1) Warranty Card



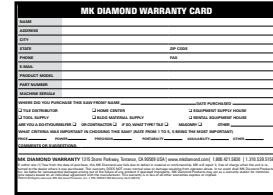
SDG



Owners
Manual



Motor
Manual



Warranty
Card

TRANSPORT

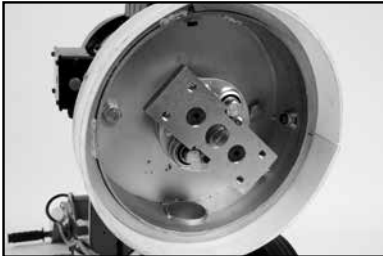
1. The SDG weighs approximately one hundred and forty-seven (147) pounds; use care when transporting. The unit needs to be rolled from one location to another.
2. The floor grinder has a foldable handle that enables it to be easily transported in the trunk of most small vehicles.

! CAUTION Never start or run machine with handle folded.



GRINDING DISCS INSTALLATION

You need to install the grinding disc before operation of the SDG. Ensure the correct type of grinding disc is selected for the type of material being ground. After a few minutes of grinding check the wear on the grinding disc.



Tilt Grinder back.



Place Grinding Disc on mounting plate, aligning bolt holes.



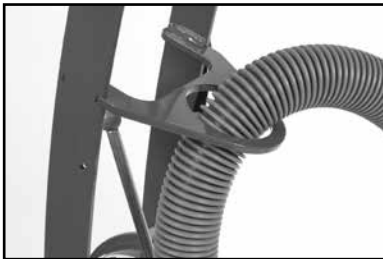
Insert the four bolts and tighten.

GRINDING

The floor grinders are designed to be used either wet or dry.

DRY GRINDING

This shroud system, when used in conjunction with an appropriate industrial vacuum unit, eliminates dust loss during grinding. Attach hose to dust port.



Place hose through support.



Attach hose to dust port.

NOTE: Ensure a suitable industrial vacuum is connected and that operator is wearing suitable breathing respiratory equipment.



WARNING

Dry cutting has the potential to expose you to high levels of crystalline silica. Repeated and/or substantial inhalation can cause serious or fatal respiratory diseases including silicosis. For more information go to www.P65Warnings.ca.gov. Employ dust controls and protection per OSHA/NIOSH/MSHA.

WET GRINDING

The floor grinder comes complete with a water connection for wet grinding. This incorporates a ball valve allowing the operator to regulate the water supply to obtain the best grinding results.



HANDLEBAR ADJUSTMENT

Adjust the Handlebar, as shown in the figure to the proper height for the operator. Lock handle into place with locking lever.

NOTE: Always be sure that the folding handlebar latch is secure and check during operation that it has not vibrated loose.



WHEEL HEIGHT ADJUSTMENT

Adjust wheel height to ensure grinding plate sits level on the ground. This adjustment makes the grinding head perpendicular to the ground. In the event of the grinder pulling to one side all the time, adjust the axle height.



Turn wheel adjustment lock counter clockwise.



Rotate wheel adjustment handle to desired height.



Turn wheel adjustment lock clockwise.

SHROUD

The shroud has two removable sections to enable the operator to grind close to the walls etc.

NOTE: Dust loss is possible when removing any section of the shroud. DO NOT make any adjustments while the machine is in operation. Any adjustments must only be performed when machine is stopped and power disconnected.



Insert Allen wrench and unscrew bolt. Repeat on other side of shroud.



Remove shroud.

OPERATION

BEFORE STARTING

1. Inspect entire area before grinding. Remove all debris that could damage diamond wheels or cause a hazardous situation.
2. Choose correct diamond wheels for the job condition.
3. Ensure grinding wheel mountings are clean and the retaining bolts are securely tightened.
4. Check for adequate water flow. (If water is required.)
5. Be sure the grinding wheels are positioned over the work area.
6. Adjust water flow. (If application requires water) or turn on vacuum (if dry grinding)
7. Ensure grinder is on a level surface.

- NOTE:**
1. Check the grinding plate is correctly balanced.
 2. Check that the grinding plates being used are in good order and properly attached, with all countersunk bolts firmly in place. Check this occasionally during use, as they can work loose during operation.
 3. Check that the grinding plate is adjusted so that it sits level on the ground.
 4. Do not add weight to the machine to make the grinder work harder. Instead reduce the number of segments on the grinding head to increase performance.
 5. Operational sounds: During operation of the motor there must be no rubbing sounds, shrieks or other random noises. Stop the motor immediately and restart after inspection and corrections have been made.



Connect grinder to suitable power source. Turn on vacuum or water. Raise the grinding plate from the floor.



Hold the handles firmly. Start the motor. For SDG-103 press black button.




Lower the grinding plate and commence grinding.



Stop grinder when work is complete. For SDG-103 depress the red stop button.

- NOTE:**
- Inspect entire area to be ground before grinding and remove any object such as bolts, nails etc.. that could damage the machine or cause a hazard. Ensure there are no obstacles that could present a hazard. Keep machine clear of drainage pits & grates or any such hazard.

CLEAN UP

 **CAUTION** Engine parts are extremely hot following use. Allow motor to cool 1/2 hour before cleaning. Use care during cleanup to avoid injury.

- NOTE:**
1. To extend operating life, the SDG should be cleaned following every use.
 2. Using a garden hose or pressure washer can force water into the air cleaner or muffler opening.
 3. Use care when cleaning around electrical components.
 4. The motor should always be kept clean. No water drops, cotton etc should be allowed to get into the interior of the motors.

MAINTENANCE

Check folding handle latch periodically. This is adjustable. To adjust, loosen the lock nut on the latch and then screw in until a satisfactory tension has been achieved. Always be sure the folding handle latch is secure and has not vibrated loose after use.

The wheel bearings use sealed bearings and require no regular greasing.

To minimize vibration and uneven diamond wear, rotate plate every 2 hours. Failure to do so can lead to premature wear of the flexible coupling.

When grinding, the machine is exposed to high vibration. Check machine for bolts/nuts which may have vibrated loose.

TROUBLESHOOTING

SYMPTOM	POSSIBLE CAUSE	ACTION
Machine will not start/run.	No power is available at cable end.	Check and confirm the power cable is available.
	Machine is trying to start on glue or other sticky substance.	Clear a patch with scraper and grind into the glue a little, preventing glue build-up on diamonds.
	Extension cord is too small in capacity or too long.	Upgrade the extension cord. (See specifics on page 10)
Machine is not grinding at all.	No blade/accessories in unit.	Fit blade and check wear on machine.
	Very hard concrete or glazed topping on concrete.	Turn dust extractor down, the extra dust acts as an abrasive between the segments, making diamonds work better.
		Place river sand or equivalent on the floor as an abrasive as described above. Use softer grade of diamond tool, which will expose the diamonds better. Use coarser diamond tool, which will get through the hard topping without wearing out the diamond too fast.
Grinder runs for 5-15 seconds, then stops.	The current allow screw is not adjusted properly.	Adjust the current screw to the right position.
	Extension cable too long and / or not made from heavy enough cable.	Get electrician to check extension lead compatibility.
Grinder runs but does not perform adequately.	Motor defective	Repair or replace
Grinder vibrates during use.	Grinding plates not correctly balanced.	Replace or re-balance grinding plates.
Grinding noise coming from grinding head.	Excessively worn motor bearings.	Have motor serviced.

1010/1020 SERIES of grinding heads are designed to give rough concrete surfaces the smoothest finish in the quickest time. Available in either 10 or 20 segment configurations. Hard bond is for grinding green concrete and asphalt. Soft bond is for grinding cured concrete.



1010H Premium Hard Bond Grinding Head

Diameter	Mount	Segments	Part#
10" (254 mm)	4 Bolt	10	158181

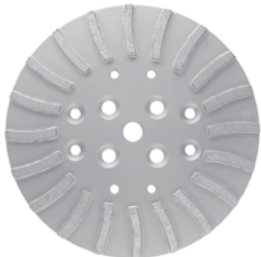
Segment Height: 8 mm



1010S Premium Soft Bond Grinding Head

Diameter	Mount	Segments	Part#
10" (254 mm)	4 Bolt	10	151925

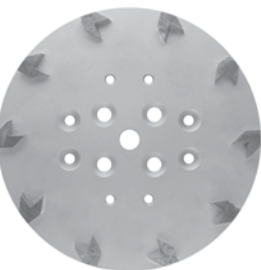
Segment Height: 8 mm



1020H Premium Hard Bond Grinding Head

Diameter	Mount	Segments	Part#
10" (254 mm)	4 Bolt	20	158182

Segment Height: 8 mm



1020S Premium Soft Bond Grinding Head

Diameter	Mount	Segments	Part#
10" (254 mm)	4 Bolt	20	151926

Segment Height: 8 mm



1020 TURBO Supreme Hard Bond Grinding Head

Diameter	Mount	Segments	Part#
10" (254 mm)	4 Bolt	20	167939

Includes the mounting bolts



1010 ARROW Supreme Soft Bond Grinding Head

Diameter	Mount	Segments	Part#
10" (254 mm)	4 Bolt	10	167971

1020 ARROW Supreme Soft Bond Grinding Head

Diameter	Mount	Segments	Part#
10" (254 mm)	4 Bolt	20	168446

Segment Height: 8 mm
Includes the mounting bolts

MK-PCD Grinding Head

Diameter	Mount	Segments	Part#
10" (254 mm)	4 Bolt	8	172091

Segment Height: 8 mm

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: Standard orders are \$50.00 or more when ordering direct from MK Diamond. A \$6.00 charge will be added to orders having a net billing value under \$50.00. A nominal handling fee of \$5.00 may apply to some orders.

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 the RGA number is on the outside of the returned package
- 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.

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.

**SINGLE DISC GRINDER
OWNER'S MANUAL,
OPERATING INSTRUCTIONS**



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