ShaveMaster II

Part No. 12354
Revised June 1996

Block Ice Shaver

Instruction Manual

Model #1005



GOLD MEDAL®

FUNFOOD EQUIPMENT & SUPPLIES

Cincinnati, OH 45241-4807 USA

SAFETY PRECAUTIONS



⚠ DANGER

Machine must be properly grounded to prevent electrical shock to personnel. Do not immerse the equipment in water. Keep cord and plug off the ground, and away from moisture. Always unplug the equipment before cleaning or servicing.



⚠ WARNING

Never put your fingers or any object into the shaver body (the goose-neck) while the motor is running. Serious injury may occur. *(Gold Medal Products does not assume any liability for injury due to careless handling and/or reckless operation of this equipment).*



⚠ WARNING

ALWAYS wear safety glasses when servicing this equipment.



⚠ WARNING

Any alterations to this equipment will void the warranty and may cause a dangerous situation. NEVER make alterations to the equipment. Make sure all machine switches are in the off position before plugging the equipment into the receptacle.



⚠ CAUTION

Do NOT allow direct contact with this equipment and the general public when used in food service locations. Only personnel that are trained and familiar with the equipment should operate the equipment. Carefully read all installation instructions before operation.



⚠ CAUTION

This machine is NOT to be operated by minors. Minors are classified as anyone under the age of 18.

NOTE

The information, specifications and illustrations contained in this manual represent the latest data available at time of publication. Right is reserved to make changes as required at the discretion of Gold Medal Products Company without notice.

HOW TO OPERATE THE SHAVEMASTER II



MAIN SHAFT
Rotates when motor is "ON". Keep fingers away.

Step 1: LOCKING KNOB
Pull and turn to "unlock" main shaft. Be sure the motor is "OFF".

Step 2: HAND WHEEL
for main shaft. Rotate to maintain height.

Step 4: SHAVING PRESSURE KNOB
Rotate clockwise "finger tight" to put pressure on the ice block.

Step 3: ICE COMPARTMENT FRONT DOOR LATCH
Open door latch and place block of ice in center, then close and relatch door.

Step 5: BLADE FINENESS KNOB
Rotate to minimum shaving height for fine snow.

Step 7: ON–OFF SWITCH
Now start shaving process here or by using #1008 Foot Switch.

Step 6: HAWAIIAN ICE CUP
Hold Hawaiian Ice Cup an inch or two below shaved ice discharge area then "shape" by hand. Always wear food handler gloves.

SPECIFICATIONS

Dimensions:	28" High x 11" Wide x 20" Deep
Shipping Weight:	83 Lbs.
Electrical Requirement:	120 Volts, 60 Hz, 4.7 Amps, 1 Phase
Shaving Capacity:	4.4 – 5.5 Lbs./Min.
RPM:	250 rpm
Shaving Plate Diameter:	9 ¾"
Ice Block Capacity:	6" x 6" x 5 ½"
Accessories:	Ice Mold with Lid, Ice Pick, Drain Tray, Food Approved Gear Lube
Optional Accessories:	Foot Switch, Plastic Ice Pan

OPERATING INSTRUCTIONS

1. Make sure the machine is installed on a sturdy, level and waterproof surface.
2. Do not use the ice block directly from the freezer; the shaved ice will not be fluffy and can cause excessive wear to your blade. Allow ice to soften ½ hour prior to shaving.
3. Pull and turn the main shaft locking knob so that you can raise the main shaft by turning the handwheel. Once the ice block holder is raised upward, return the locking knob to the "LOCK" position.
4. Open the front shield by releasing the safety latch and pulling forward.
5. Place a square or cylindrical ice block on the shaving platter, centering the block.
6. Place the locking knob to the free position and lower the main shaft by turning the hand wheel until the spikes are imbedded in the ice.
7. Close the front shield (make sure the main power switch is turned "OFF") and reattach the safety latch, locking the front and rear shields together.
8. Turn the Shaving Pressure Knob clockwise until it comes to a stop.
9. Turn "ON" the main power switch. The motor will not run if the front shield is open or not properly closed.
10. Slowly turn the knob, located below the shaving platter, until you get the fineness of shaved ice you desire.

SHAVING PRESSURE KNOB (located on front of machine)

1. This knob adjusts the amount of pressure which is applied downward onto the block of ice. Turning the knob clockwise will increase the amount of shaved ice produced and will vary the texture from very fine to coarse as the pressure is being applied.
2. When you need to raise and lower the main shaft, release the pressure by turning the knob counterclockwise.

SHAVING TEXTURE KNOB (located on the underside of the blade platter)

1. Lower the shaver blade before adding the block of ice to the shaving platter. If the blade is too high it could accidentally release the block out of the holder.
2. For coarse shaved ice, turn the knob clockwise. For finer shaved ice, turn the knob counterclockwise.

ICE BLOCK FREEZING SUGGESTIONS

1. Use Gold Medal's plastic Ice Mold with Lid (Part No. 1085) to freeze blocks of ice.
2. Fill the container with cool tap water to a ½" from the top rim of the container.
3. Firmly press the lid onto the container until the lid snaps shut.
4. Set your frezer to a temperature range of 10-15º F. Fill your freezer with as many ice molds as possible by stacking one on another. This will slow down the freezing process and prevent cracking.
5. Let the water freeze completely for approximately 24-30 hours for best shaving results.
6. After the water has frozen, remove the block from the plastic container and place it into Gold Medal clear bags (Part No. 3064) so you can use the ice mold container to freeze more ice.

CLEANING INSTRUCTIONS

Wipe the exterior of the machine with a soft cloth that has been dipped into a mixture of mild dish detergent and warm water. Remove excess water or soap spots with a soft cloth.

CLEANING THE INTERIOR OF THE SHAVING CHAMBER

1. Open the front shield of the shaving chamber and remove the shield by lifting it upward.
2. Raise the main shaft by rotating the handwheel. Turn and pull the locking knob until the main shaft is held in the raised position.
3. Remove the (2) wing bolts on the underside of the shaving platter. Raise the shaving platter and remove it from its holder.
4. Dismantle the blade assembly by unscrewing the (2) blade fastening screws which will allow you to remove the blade and blade holder.
5. Remove the shaving texture knob from the threaded shaft.
6. Unscrew the (2) screws fastening the blade assembly to the shaving platter and remove the remaining parts.
7. Dismantle all of the blade assembly parts. Wash the parts in a mild detergent and water solution. Towel dry all of the items after rinsing off the soap.
8. Reassemble the unit in reverse order.

MAINTENANCE INSTRUCTIONS



⚠ CAUTION

THE FOLLOWING SECTIONS OF THIS MANUAL ARE INTENDED ONLY FOR QUALIFIED SERVICE PERSONNEL WHO ARE FAMILIAR WITH ELECTRICAL EQUIPMENT. THESE ARE NOT INTENDED FOR THE OPERATOR.



⚠ WARNING

Adequate eye protection must be used when servicing this equipment to prevent the possibility of injury.



⚠ DANGER

Do NOT immerse the equipment in water.
Unplug your machine before servicing.

OILING THE MAIN DRIVE SHAFT AND CRANK

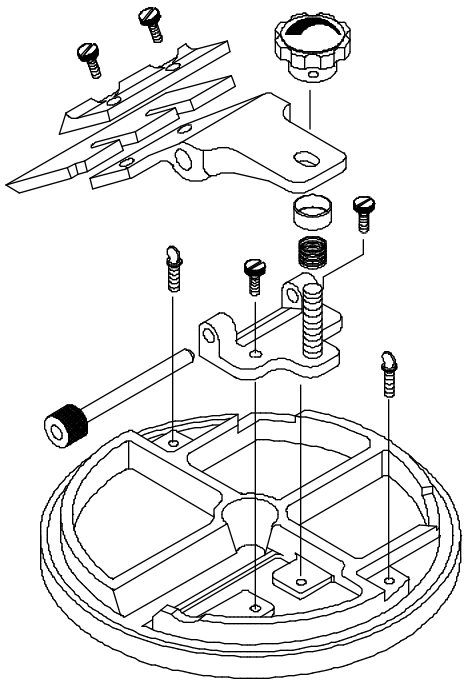
1. The main shaft must be kept lubricated at all times with Gold Medal food approved Gear Lube (Part No. 1110). Do NOT use vegetable oil for lubrication; as the oil hardens, it will prevent the main shaft from rotating.
2. Completely raise the main shaft and apply the supplied tube of food approved gear lube to the teeth of the shaft. Apply oil to the center of the shaft with one small pass.
3. To oil the crank, remove the plastic dome and oil through the two small oiling holes located on the top section of the casting. This will allow the handwheel shaft to rotate easily.

REPLACING WORN SHAVER BLADE

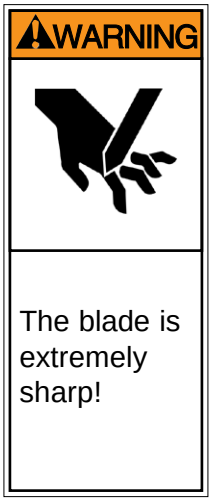
1. Remove the (2) wing bolts fastening the shaving platter to the mount casting. Remove the platter from the mount casting and place it on a clean, level surface, flat side down.
2. Loosen the two screws fastening the shaver blade to the blade holder until the blade slips out; remove the blade.
3. Turn the blade height adjustment knob so that the blade holder is in the lowest position. Turn the knob back one full turn so the blade will go below the surface when completely lowered.
4. Install new or re-sharpened blade exactly the same direction it was removed.
5. Blade should be installed with an even amount of space between the blade and groove.
6. Firmly tighten the two screws holding the clamp to the blade.
7. Place the blade platter back on the mount casting with the blade facing frontward.
8. Replace the (2) wing bolts, tighten firmly.

ASSEMBLING THE BLADE COMPONENTS AFTER CLEANING OR, ADJUSTING BLADE IF MACHINE DOES NOT SHAVE.

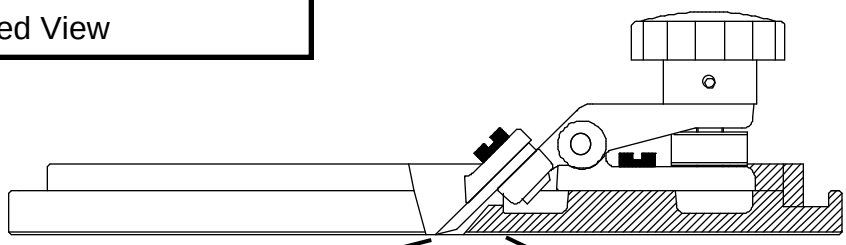
1. Remove the (2) ¼-20 Thumb Screws from the underside of the Shaving Platter.
2. Remove the Shaving Platter from Support Casting and place it on a smooth flat surface preferably a table or counter top.
3. Turn the “Blade Adjustment” knob clockwise until the knob is fully tightened.
4. Turn the knob back counter-clockwise a ½ revolution.
5. With a screwdriver, loosen the (4) ¼-20 slotted/knurled screws holding the Blade Clamp and Shaving Base.
6. Let the Shaving Blade rest on your table or counter as you adjust it for straightness.
7. Before you tighten the (2) ¼-20 slotted/knurled screws which fastens the Shaving Base to the Shaving Platter, make sure that the gap between the blade and rectangular slot in the Platter is approximately 1/8” the entire length of the blade.
8. Firmly tighten the (2) screws for the shaving Base.
9. Before you tighten the Blade Clamp screws, make sure that the Blade is touching the table top and is straight in the rectangular slot. Tighten the (2) screws with your screw driver.
10. Make sure all screws are securely tightened before placing it back on the machine.
11. Place the Shaving Platter back on the Support Casting, replacing the two thumb screws.



Exploded View



Note orientation of blade prior to installation.



Maintain even blade spacing.

Assemble on flat surface.

TROUBLESHOOTING

PROBLEMS	CAUSES	SOLUTIONS
Main shaft fails to turn with main power switch on.	Cord not properly plugged in. Broken power cord.	Plug cord into properly. Replace power cord.
	Motor drive belt broken.	Replace worn belt.
	Front shield is open.	Close front shield and latch.
Ice block jumps out of clamp.	Blade is raised too high.	Lower blade with adjustment knob.
	Blade is higher near center than outside of platter.	Remove shaving platter and readjust blade height evenly.
	Spikes not firmly embedded in the ice block.	Lower clamp down with force. Turn ice block over to flat side.
Shaved ice is too fine.	Shaver blade is too low.	Raise blade into ice with knob.
	Tension adjustment of brake is too weak.	Turn the shaving pressure knob clockwise.
Shaved ice is too coarse.	Shaver blade is too high.	Lower blade from ice with knob.
	Tension adjustment of brake is too strong.	Turn the shaving pressure knob counterclockwise.
	Blade is dull.	Replace or sharpen blade.
Very hard to raise and lower the main drive shaft with the handwheel.	Brake tension is too tight.	Ease the tension by turning the shaving pressure knob counterclockwise.

ORDERING SPARE PARTS

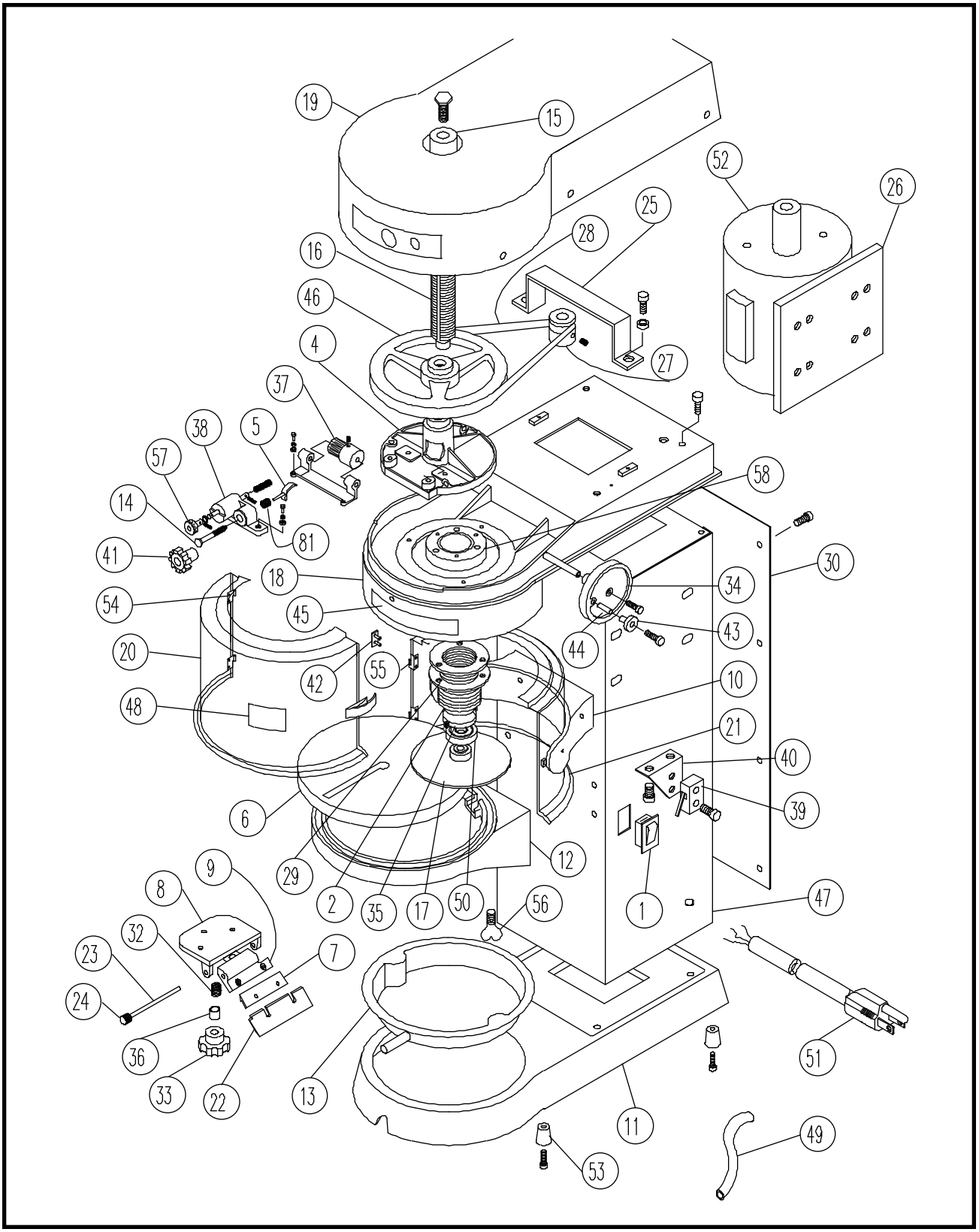
1. Identify the desired part by checking it against the photos, illustrations, and/or the parts list.
2. When ordering, please include part number, part name, and quantity desired.
3. Please include your model name and machine serial number (located on the machine nameplate) with your order.
4. Address all parts orders to:

Parts Department
Gold Medal Products Co.
10700 Medallion Drive
Cincinnati, Ohio 45241-4807

or, place orders at:

(513) 769-7676
Fax: (513) 769-8500
E-mail: goldme19@eos.net

SHAVEMASTER II ASSEMBLY



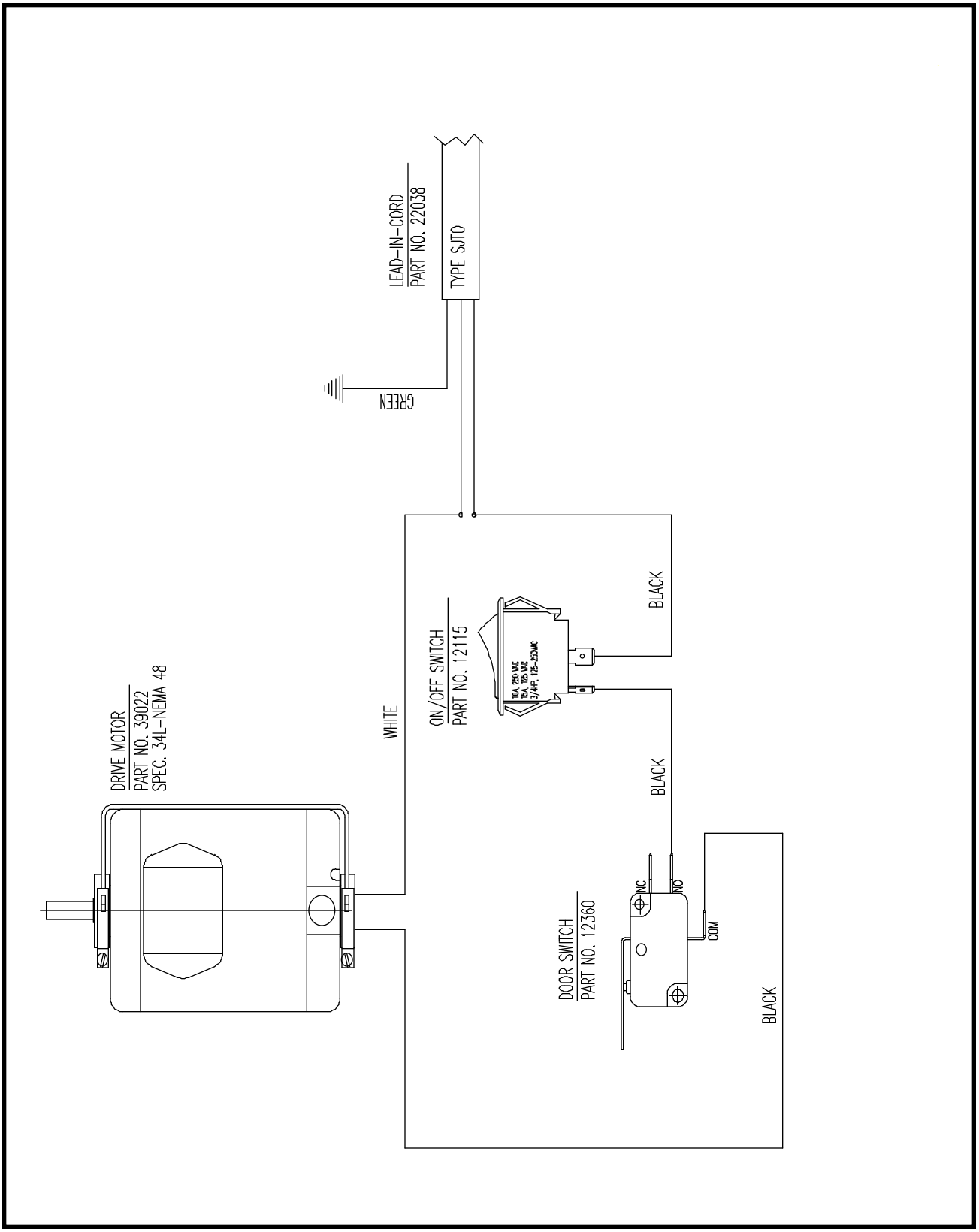
PARTS LIST – SHAVEMASTER II ASSEMBLY

Item No.	Part No.	Description
1	12115	Rocker Switch, SPST
2	12302	Bellow, Gear Protector
3	12305	Upper Mount Casting
4	12306	Gear Housing
5	12308	Brake Shoe
6	12309	Blade Platter
7	12310	Blade Holder
8	12399	Pivot Bracket, Blade
9	12312	Blade Mount
10	12313	Shield Holder, Casting
11	12314	Base Casting
12	12315	Platter Mount, Casting
13	12317	Drain Pan, Plastic
14	12318	Shaft, Brake Adjustment
15	12320	Cap, Main Shaft
16	12321	Main Drive Shaft
17	12322	Ice Block Clamp
18	12324	Cover, Safety Switch
19	12325	Top Cover, Dome
20	12326	Shield, Front, Assembly
21	12327	Shield, Rear, Assembly
22	12328	Shaver Blade
23	12332	Shaft, Blade Pivot
24	12333	Knob, Blade Pivot
25	12334	Dome Support Bracket
26	12335	Motor Mount Plate
27	12339	Sheave, Small
28	12340	V-belt
29	12342	Retainer Plate, Bellows
30	12343	Rear Cover
31	12345	Spring, Brake Tension
32	12347	Spring, Blade Pivot
33	12348	Knob, Shaving
34	12349	Hand Wheel
35	12350	Clamp, Bellows (2)

PARTS LIST – SHAVEMASTER II ASSEMBLY (continued)

Item No.	Part No.	Description
36	12353	Tube Spacer
37	12357	Worm Gear Assembly
	12329	Worm Gear
38	12359	Gear Lock Assembly
39	12360	Switch, Door Safety
40	12361	Bracket, Safety Switch
41	12364	Knob, Brake Adjustment
42	12365	Hinge Mt, Plate Assembly
43	12368	Knob, Hand Wheel
44	12369	Tube, Hand Wheel Pivot
45	12370	Decal, Front Cover
46	12371	Large Sheave Assembly
47	12377	Main Wrapper, Stainless Steel
48	12390	Decal, Warning
49	12391	Drain Hose
50	12394	Retainer Assembly
51	22038	Lead-in cord
52	39022	Drive Motor, 120V
53	40488	Foot, Plastic
54	49138	Hinge, Left Female
55	49141	Hinge, Left Male
56	12380	Thumb Screw
57	12319	Knob, Shaft Lock
58	12425	Bearing Holder Assembly
	1110	Tube Petrogel
	22020	Ice Pick
	1085	Ice Mold with Lid
	12430	Decal, Rear Cover

ELECTRICAL SCHEMATIC



WARRANTY

WE WARRANT to the original purchaser the Gold Medal equipment sold by us to be free from defects in material or workmanship under normal use and service. Our obligation under this warranty shall be limited to the repair or replacement of any defective part for a period of six (6) months from the date of sale to the Original Purchaser with regard to labor and two (2) years with regard to parts and does not cover damage to the equipment caused by accident, alteration, improper use, voltage, abuse, or failure to follow instructions.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, AND OF ALL OTHER OBLIGATIONS OR LIABILITIES ON OUR PART, INCLUDING THE IMPLIED WARRANTY OF MERCHANTIBILITY. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. We neither assume, nor authorize any other person to assume for us, any other obligation or liability in connection with the sale of said GOLD MEDAL equipment or any part thereof.

The term “Original Purchaser” as used in this warranty shall be deemed to mean that person, firm, association, or corporation who was billed by the GOLD MEDAL PRODUCTS COMPANY, or their authorized distributor for the equipment.

THIS WARRANTY HAS NO EFFECT AND IS VOID UNLESS THE ORIGINAL PURCHASER FIRST CALLS GOLD MEDAL PRODUCTS COMPANY AT 1-800-428-2676 TO DISCUSS WITH OUR SERVICE REPRESENTATIVE THE EQUIPMENT PROBLEM, AND, IF NECESSARY, FOR INSTRUCTIONS CONCERNING THE REPAIR OR REPLACEMENT OF PARTS.

NOTE: This equipment is manufactured and sold for commercial use only.

GOLD MEDAL PRODUCTS COMPANY
10700 Medallion Drive
Cincinnati, OH 45241-4807 USA