

# Shavatron

Instruction Manual  
Model # 1020, 1020T









 **GOLD MEDAL**®

**FUNFOOD EQUIPMENT & SUPPLIES**

Cincinnati, OH 45241-4807 USA

# SAFETY PRECAUTIONS

	<p style="text-align: center;"><b>⚠ DANGER</b></p> <p>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.</p>
	<p style="text-align: center;"><b>⚠ WARNING</b></p> <p>Never put your fingers or any object into the shaver body (the goose-neck) while the motor is running. Serious injury may occur. <i>(Gold Medal Products does not assume any liability for injury due to careless handling and/or reckless operation of this equipment).</i></p>
	<p style="text-align: center;"><b>⚠ WARNING</b></p> <p>ALWAYS wear safety glasses when servicing this equipment.</p>
	<p style="text-align: center;"><b>⚠ WARNING</b></p> <p>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.</p>
	<p style="text-align: center;"><b>⚠ CAUTION</b></p> <p>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.</p>
	<p style="text-align: center;"><b>⚠ CAUTION</b></p> <p>This machine is NOT to be operated by minors. Minors are classified as anyone under the age of 18.</p>

## NOTE

Improvements are always being made to Gold Medal Products equipment. This information may not be the latest available for your purposes. It is critical that you call Gold Medal Products technical service department at 1-800-543-0862 for any questions about machine operations, replacement parts, or any service questions.

# Installation Instructions

## Inspection of Shipment:

Unpack all cartons and check thoroughly for any damage that may have occurred during transit. Damage claims should be filed immediately with the transportation company. Gold Medal is not responsible for damage that occurs in transit.

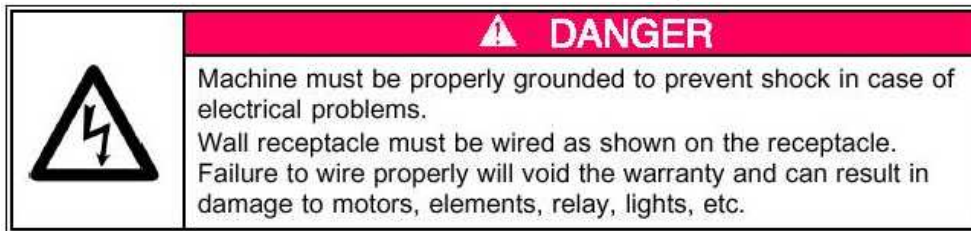
## Setup:

Your new Shavatron Ice Shaver Machine is completely assembled and tested at the factory. Remove all packing material and tape before starting operation.

## Electrical Requirements:

The following power supply must be provided:

Model No. 1020: 120 VAC, 60 Hz. 970 Watts, 8.1 Amps



Your electrician must furnish sufficient current for proper machine operation. We recommend this ice shaver machine be on a dedicated and circuit protected line. Failure to wire properly will void the warranty and can result in damage to the light, motor and etc.

It is Gold Medal Products Company's recommendation that this machine be plugged directly into a wall outlet. The use of extension cords is not recommended due to safety risks and the ice shaver's performance will be sacrificed/reduced.



## Before You Plug In Machine:

1. Make sure that the wall outlet can accept the three (3) prong grounded plug on the power supply cord.
2. The wall outlet must have the proper polarity. If in doubt, have a competent electrician inspect the outlet and correct if necessary.
3. **DO NOT** use a three (3) prong grounded to two (2) prong un-grounded adapter.
4. If the optional 1078HD Chute is attached to your machine, follow the installation instructions provided with the 1078HD Chute before operation.

## Operating Instructions



Make sure the hopper is clear of obstructions, then secure a supply of ice (either blocks, cubes or rough crushed ice) and fill the hopper. Ice chunks should be no larger than a baseball for maximum capacity (large ice chunks take more time to shave).

1. Move the toggle power switch into the "ON" position to illuminate the lights.
2. Fill the hopper with ice. Be careful not to overfill.
3. Close the hopper lid. The unit will not operate if the lid is not completely closed.
4. Push the momentary motor switch.




	 <b>CAUTION</b>
	<p>Metal or foreign objects will ruin the shaving blades instantly. Make sure that both the hopper and ice supply are free of debris including: Ice picks, scoops, nails, nuts, bolts, etc.</p>

## Safety Cut-Off Switch

Your Shavatron is equipped with a safety cut-off switch. With the momentary motor switch pressed on, the machine will not operate with the hopper lid open. This is to prevent accidental injury while loading or cleaning the hopper. Be careful not to overfill the hopper to the extent that the hopper lid stays open. The lid must be closed and you must press the momentary motor switch in order for the machine to operate.

	 <b>WARNING</b>
	<p>Never put your fingers or any object into the shaver body while the unit is running. Since you can be seriously hurt by not following these instructions, Gold Medal does not assume any liability for injury due to careless handling or operation of this unit.</p>

# MAINTENANCE INSTRUCTIONS

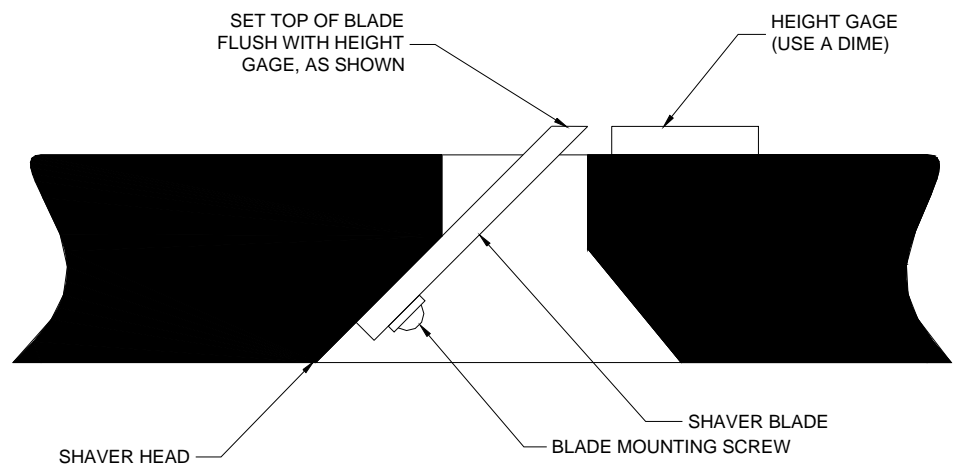
	<p style="text-align: center;"><b>⚠ DANGER</b></p> <p>Do NOT immerse the equipment in water. Unplug your machine before servicing.</p>
	<p style="text-align: center;"><b>⚠ WARNING</b></p> <p>Adequate eye protection must be used when servicing this equipment to prevent the possibility of injury.</p>
	<p style="text-align: center;"><b>⚠ CAUTION</b></p> <p>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.</p>

## Blade Adjustment

Inspect your equipment before adjusting the blades. With the **machine unplugged**, use a flashlight to examine the blades in the shaver body. If the blades appear to be nicked or bent, then the blades should be replaced.

Follow this procedure:

1. Set the blade thickness equal to a dime. (See illustration below.) Make sure that the height is even across the shaver head.
2. Tighten the blade screws completely. Check the blades again with a dime to ensure the blades did not move while tightening the screws.





## Motor Lubrication

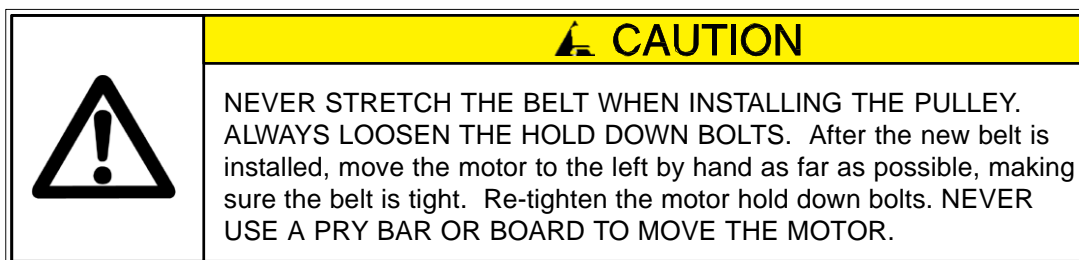
The drive motor bearings are sealed and require no lubrication. Do not oil the motor, it will cause more harm than good.

## Changing Fluorescent Lights

Remove the sign retaining angle from the top of the dome, by removing the four screws that hold it into place, and then slide the sign out to access the light tube. Replace the light tube and then reassemble in reverse order.

## Changing Belts

Unplug your machine. (On units manufactured before 3-1-95.) Raise the hopper lid until the lug on the right hand side can be lifted out of its slot in the hinge bracket. Slide the lug on the left hand side out of the hinge bracket, and remove the hopper lid. Remove the two bolts which hold the hinge bracket to the machine. The dome can now be removed. (On units manufactured after 3-1-95). Remove the four dome hold down screws. Loosen the four motor hold down bolts and slide the motor toward the center of the hopper, loosening the belt. Remove the old belt and install a new one.



## Lubrication Of Thrust Bearing and Adjustment Of End Play

The small thrust bearing should be lubricated approximately once per season. Unplug your machine. Remove the dome. To do this, remove the two screws which hold the bracket in place, and carefully lay the bracket face down on the top frame. A large hex adjustment nut is located below the pulley on the shaver shaft. Loosen the set screw in the side of the hex nut. Loosen the adjustment nut as much as possible, so it is up against the pulley. **NOTE:** This nut is of the airplane locking type, therefore, it will turn hard on its threads at all times. By grasping the pulley, hold the shaft upward as much as you can, and press some grease into the thrust bearing located below the adjustment nut. Use any variety of sticky type grease, such as water pump grease or Alpha Molykote Corp., No. 505 "Whitekote" lubricant (recommended by the bearing manufacturer). After the grease has been applied, screw the adjusting nut downwards until all play up and down is removed. Do not tighten any further. Now tighten the set screw and reassemble your machine.

## Removal and Replacement Of Glass

To remove glass from the frame, grip the retaining vinyl with needle nose pliers at a corner and pull. Repeat for each corner of glass. With the vinyl remove the glass will come out easily. To install new glass, place the glass in the frame, making sure the glass does not enter the channel intended for the vinyl. Starting at a corner, install the vinyl into the channel (make sure it locks into place). A knife handle with a rounded point is useful in pushing the vinyl into position. Obtain Tempered glass from a local hardware store, in the following sizes:

Front Glass (1 required) — 20" x 24" x 1/8"

Side Glass (2 required) — 16" x 20" x 1/8"

# ORDERING SPARE PARTS

**\* Always speak to a Gold Medal Products Technical Service Advisor before ordering any parts to help ensure accuracy for your product. Included diagrams may not be the latest information.**

1. Identify the needed part by checking it against the photos, illustrations, and/or parts list.
2. When ordering, please include part number, part name, and quantity needed.
3. Please include your model name, serial number, and date of manufacture (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 by phone or online:

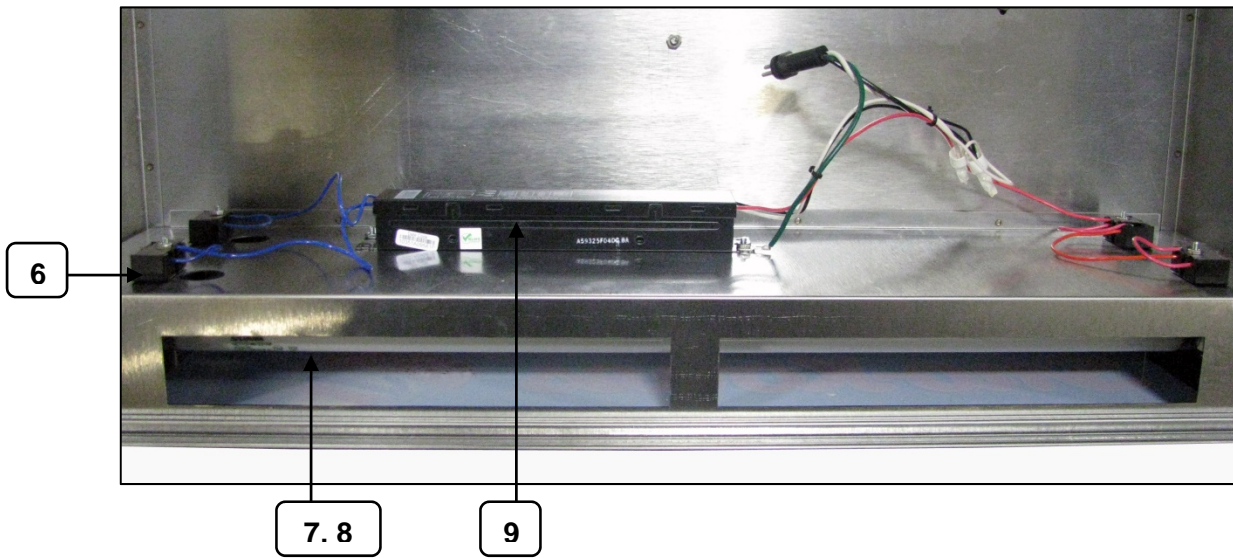
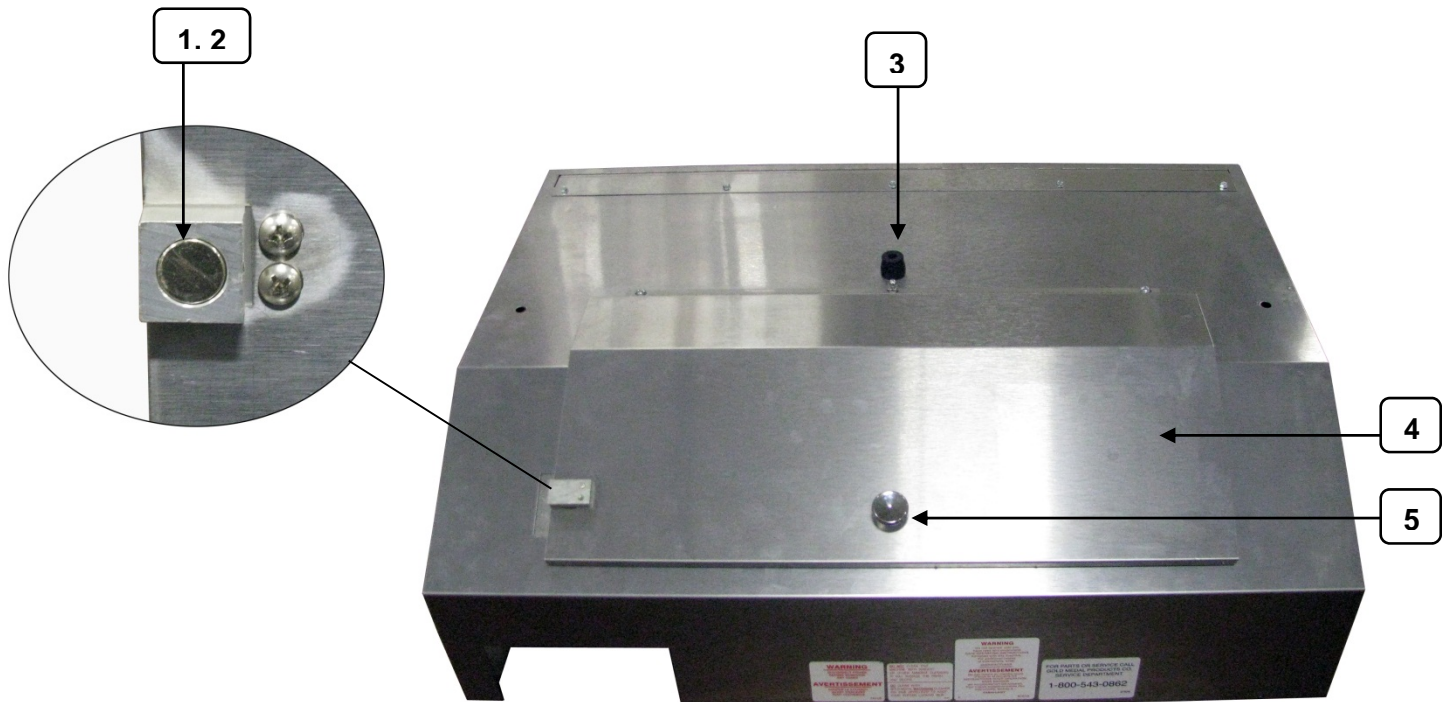
(800) 543-0862  
(513) 769-7676  
Fax: (513) 769-8500  
E-mail: [info@gmpopcorn.com](mailto:info@gmpopcorn.com)  
Web Page: [www.gmpopcorn.com](http://www.gmpopcorn.com)



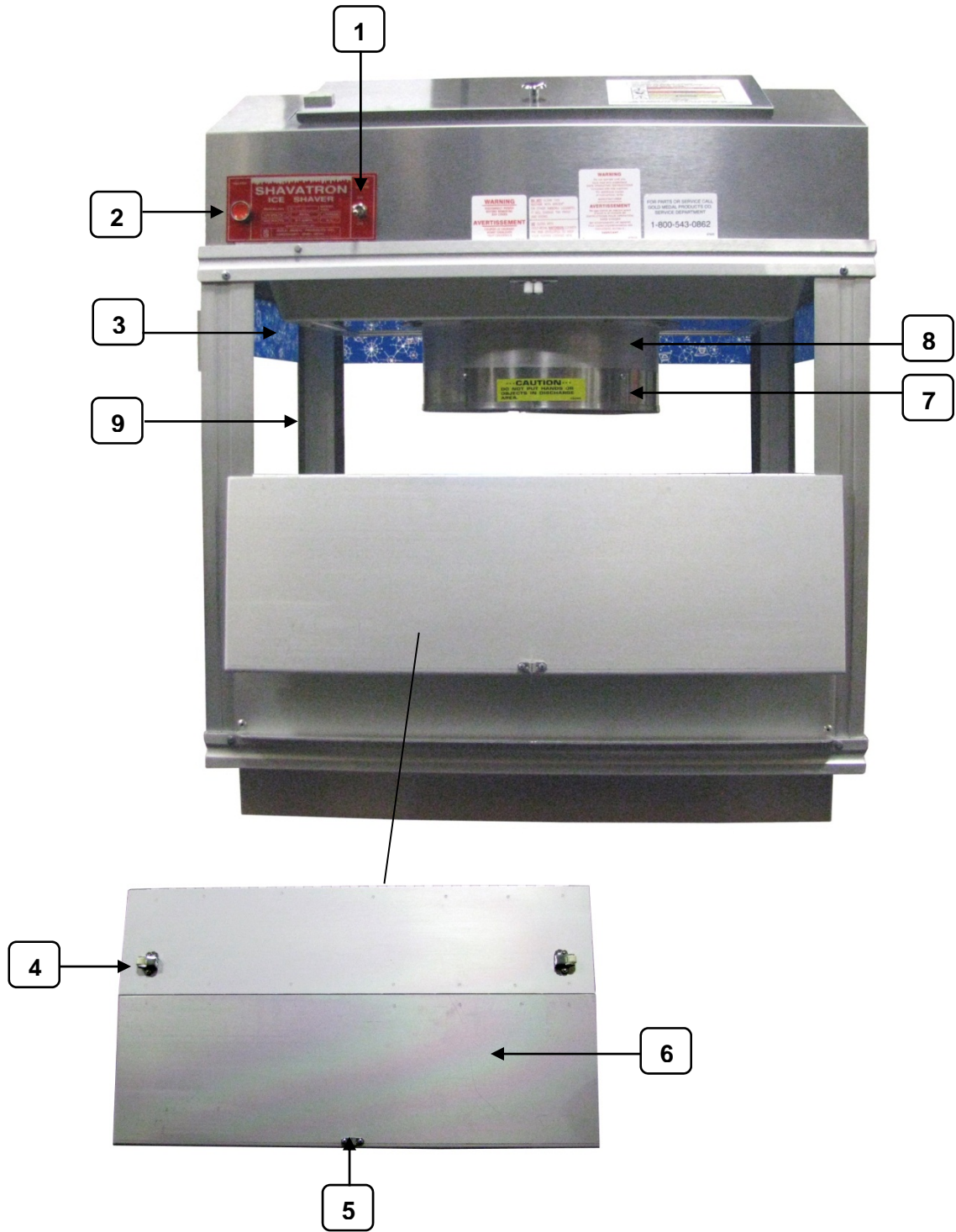
## Parts Breakdown



Item	Part No.	Description
1	39112	Dome Assembly
2	39933	Sign
3	39052	Decal, Front
4	39043	Drain Pan Assembly
5	39019	Ice Drain Board
6	41282	Rubber Feet (x4)
7	39040	Strain Relief (Not Pictured)
8	22038	Lead-In Cord, 15 Amp Plug (Not Pictured)

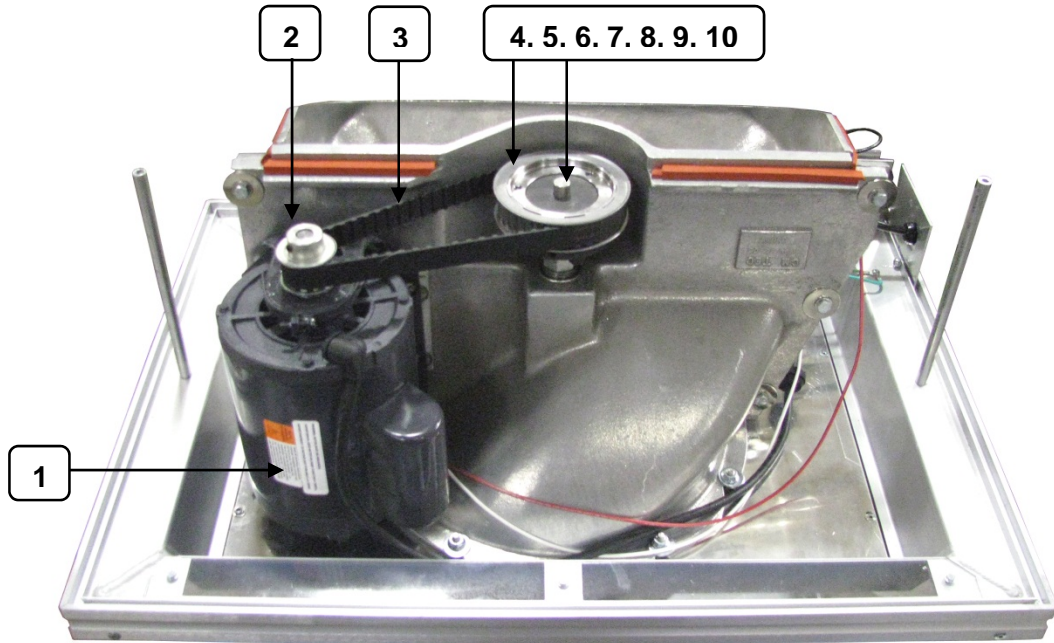


Item	Part No.	Description
1	39113	Magnet Holder
2	87207	Set Screw 10-32 x 3/16 KCP w/Locking Patch
3	47155	Rubber Foot 3/4" High
4	39111	Lid, Weld Assembly
5	41013	Knob, Door
6	41020	Light Tube Holder (x4)
7	55292	Flourescent Light Tube
8	12502	Flourescent Tube Lock (x2)
9	55291	T8 Electronic Ballast



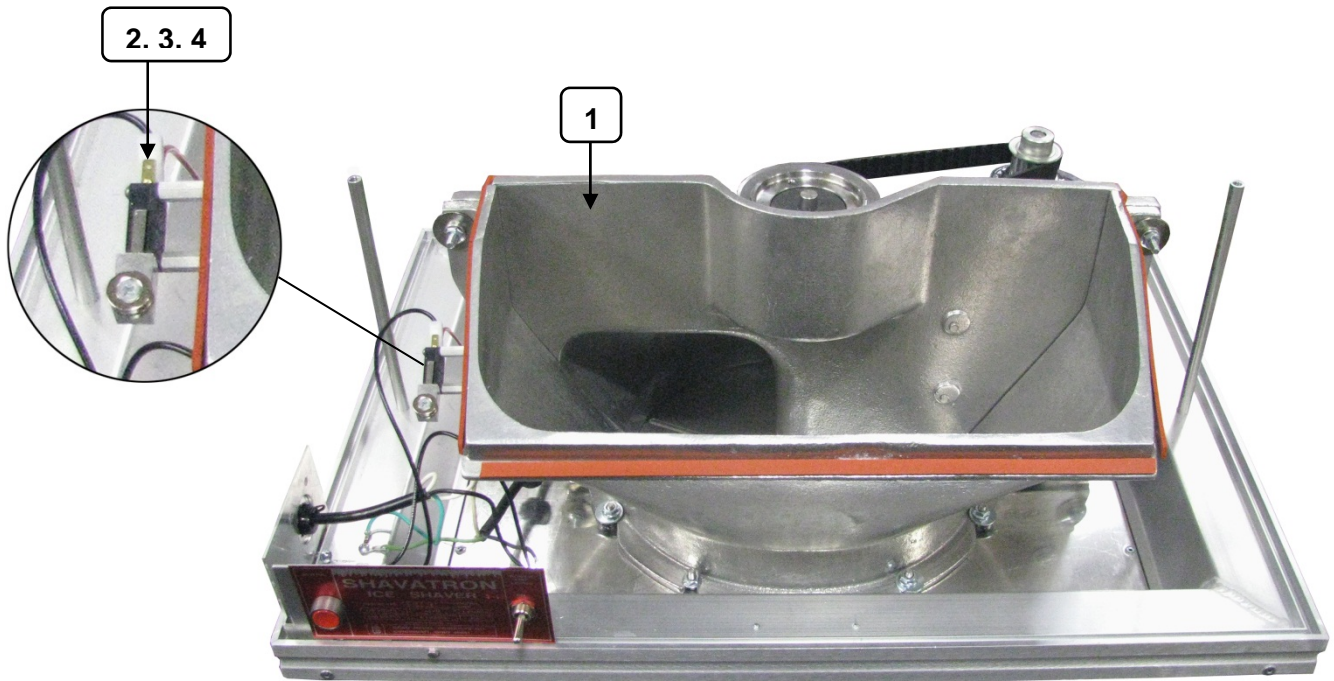
Item	Part No.	Description
1	47201	Switch, Toggle SPST
2	38971	Momentary Switch
3	39053	Decal, Side (x2)
4	12045	Door Catch (x2)
5	41011	Door Catch
6	39002	Door Assembly
7	39134	Baffle
8	39120	Ice Shield
9	39045	Glass Retaining Vinyl (purchase by the foot)



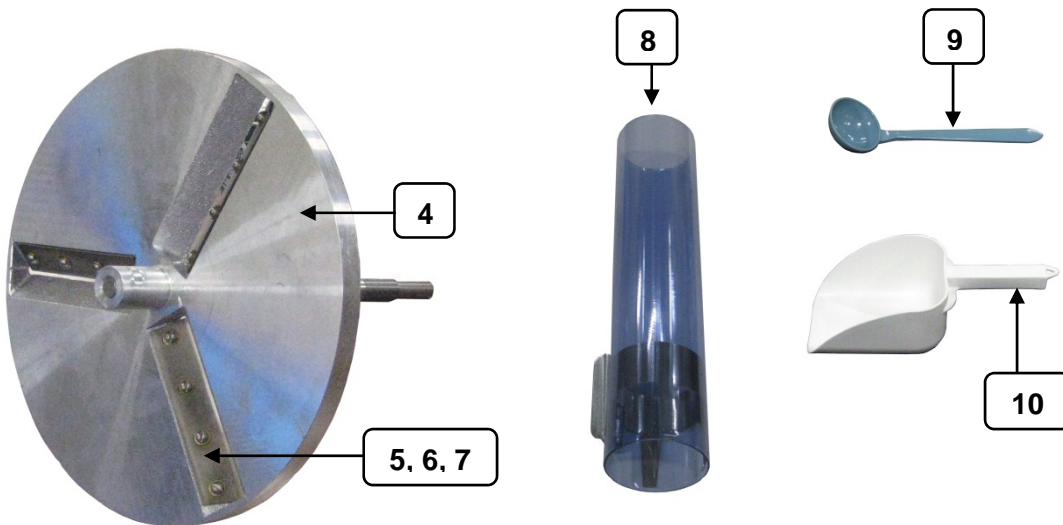


Item	Part No.	Description
1	39022	Motor, 115/230 60 Hz *
2	39023	Drive Motor Pulley
3	39025	Drive Belt (Manufactured Before 3-95)
	39122	Drive Belt (Manufactured Between 3-95 and 8-08)
	67865	Drive Belt (Manufactured After 8-08)
4	39024	Cutter Head Pulley
5	39027	Shaft Retaining Nut
6	39028	Thrust Bearing
7	39029	Thrust Bearing Shims
8	12091	Ball Bearing
9	39032	Bushing
10	74126	Woodruff Key

**Note: The motor cradle must be removed, rotated 180° and then reinstalled to provide the proper shaft slignment. The motor must then be rotated within the cradle to provide sufficient clearance between the dome and the motor capacitor.**

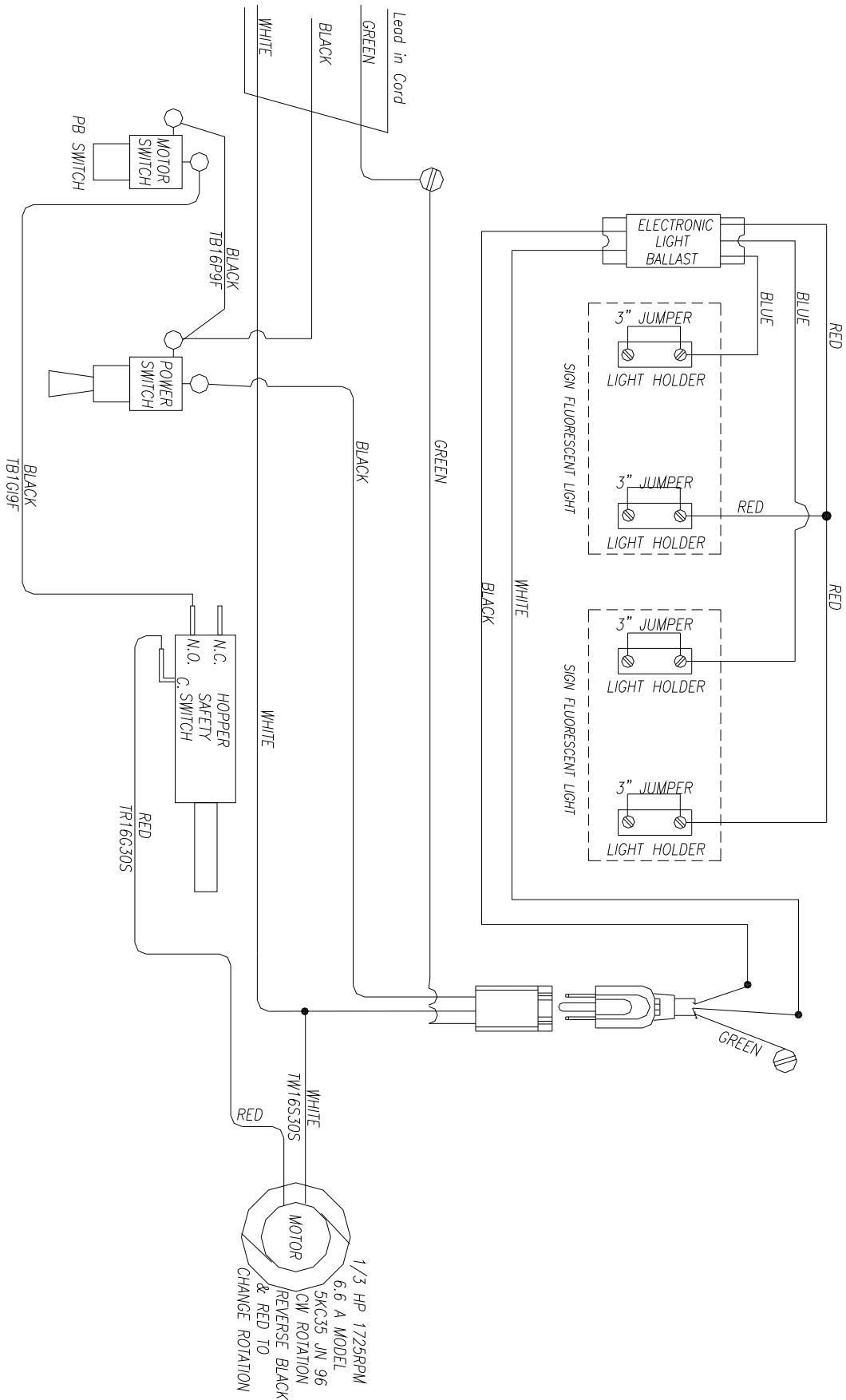


Item	Part No.	Description
1	39118	Hopper and Bushing Assy.
2	55289	Switch, Lever 15A 1/2 HP (Manufactured After 6-07)
	75036	Switch, Lever 15A 1/2 HP (Manufactured Before 6-07)
3	55288	Standoff, .75 IN. 4-40 (x2) (Manufactured After 6-07)
4	12186	4-40 x 3/4" PH Pan 18-8 M/S (x2) (Manufactured After 6-07)

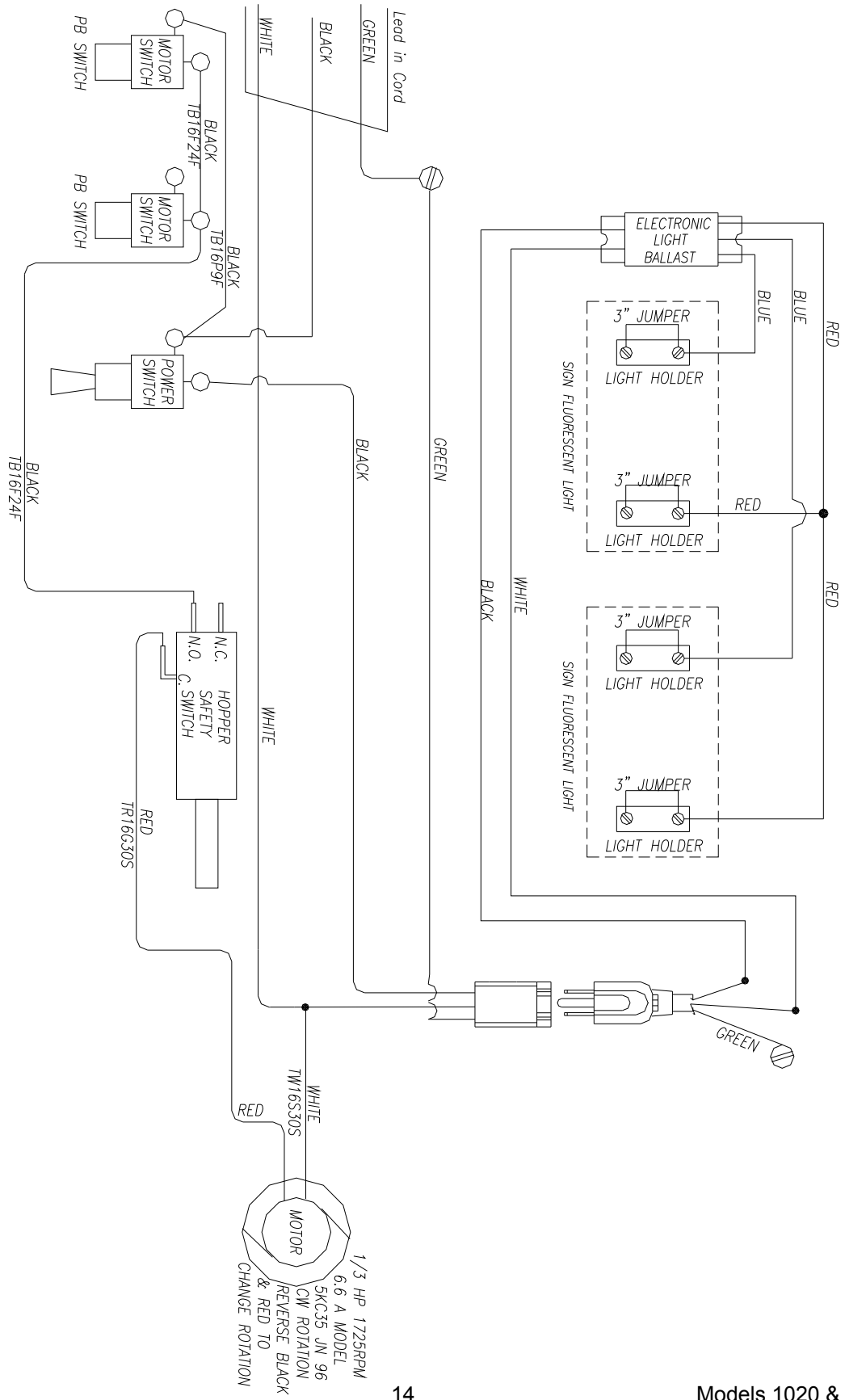


Item	Part No.	Description
4	39038	Shaver Head Assy.
5	39037	4-Hole Shaver Blade (x3)
6	47131	8-32 x 3/8 Rd Slot M/S (x12)
7	12019	Flat Washer (x12)
8	39018	6 oz Cup Dispenser w/Bracket
9	1088	Plastic Sno Dipper
10	39068	Ice Scoop

# Electrical Schematic – 1020 & 1020T



# Electrical Schematic – 1020 & 1020T Equipped w/Optional 1078HD Chute





# 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 MERCHANTABILITY. 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 1-800-543-0862 TO DISCUSS WITH OUR SERVICE REPRESENTATIVE THE EQUIPMENT PROBLEM, AND, IF NECESSARY, FOR INSTRUCTIONS CONCERNING THE REPAIR OR REPLACEMENT OF PARTS.



**GOLD MEDAL PRODUCTS COMPANY**

**10700 Medallion Drive**

**Cincinnati, Ohio 45241-4807 USA**

**[www.gmpopcorn.com](http://www.gmpopcorn.com)**

**Phone: 1-800-543-0862**

**Fax: 1-800-542-1496**

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