

Part No. 69915EX
Issued 10/2004

MACHO POP

Instruction Manual

Model 2554EX, 2554BCX





 **GOLD MEDAL**[®]
FUNFOOD EQUIPMENT & SUPPLIES


Cincinnati, OH 45241-4807 USA
www.gmpopcorn.com


SAFETY PRECAUTIONS

	⚠ CAUTION
	<p>This equipment is designed and sold for commercial use only. This equipment is not to be used by the consumer in home use. Do not allow direct contact of this equipment by the public when used in food service locations. Only personnel trained and experienced in the equipment operation may operate this equipment. Carefully read all installation instructions before operating the equipment.</p>

	⚠ WARNING
	<p>Always wear safety glasses when servicing this equipment.</p>

	⚠ WARNING
	<p>To avoid serious burns, do NOT touch the kettle while it is hot.</p>

	⚠ WARNING
	<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 a receptacle.</p>

	⚠ DANGER
	<p>Machine must be properly grounded to prevent electrical shock to personnel. Do NOT immerse the kettle, warmer, or any other part of this equipment in water. Always unplug the equipment before cleaning or servicing.</p>

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.

INSTALLATION INSTRUCTIONS

Inspection of Shipment:

Unpack the shipping container and thoroughly inspect the machine for any damage that may have occurred during transit. Notify the freight carrier immediately in order to file a damage claim.

Setup:

Your new Macho Pop Popcorn 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:

230 VAC, 50 Hz., 10 Amp Fused Circuit

The 2554EX has a current draw of 8 Amps.

Your electrician must furnish sufficient current for proper machine operation. It is Gold Medal Products Company's recommendation that this machine be fused on a line by itself. Failure to wire properly will void the warranty and can result in damage to the heat elements, 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 reasons and the popper'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 to two (2) prong adapter.

Operating Instructions

Controls and Their Functions:

Light & Warmer Switch:

This switch operates the interior light, the lighted sign, and the corn deck freshener heat elements.

Kettle Stir Motor Switch:

This switch operates the popcorn agitator shaft. This switch must be ON at all times when popcorn (popped and un-popped) exist in the kettle. This switch also activates the exhaust fan.

Kettle Heat Switch:

This switch turns on the heat element located in the popcorn kettle.

Yellow Light & Audible Signal (LOAD – DUMP) :

The Macho Pop is equipped with the state-of-the-art “**Big Eye**” electronic control that “watches your popcorn machine” to deliver optimum popping performance.

The “**Big Eye**” control will signal the operator to:

1. Load the corn and oil *or*
2. Dump the popped corn from the kettle *or*
3. Turn off the kettle heat switch if they are done popping corn

Amount of Popcorn and Oil:

The **Macho Pop** is equipped with a 16 ounce corn measure cup. Gold Medal Products Company recommends the use of flavored and colored coconut oil. Coconut oil does not leave black deposits in the kettle like other oils.

Corn Charge: 16 Oz. (355 ml) or 14 Oz. (414 ml)

Oil Charge: 4-5 Oz.

Flavacol (Salt): 4 Tablespoons

Popping Instructions:

1. Turn both the **KETTLE HEAT** and **KETTLE STIR MOTOR** switches **ON**.
2. Wait until the Yellow Light and Audible Signal turn on.
3. Load both a full corn/oil charge and Flavacol Seasoning Salt into the kettle. Close the lids.
4. When the corn has finished popping, the Yellow Light and Audible Signal will “tell you” to dump the kettle.

Remember:

The “**Big Eye**” control will signal the operator to:

3. Load the corn and oil *or*
4. Dump the popped corn from the kettle *or*
3. Turn off the kettle heat switch if they are done popping corn

On the final kettle of corn, it is a good idea to turn the **KETTLE HEAT** switch **OFF** just as the lids are forced open by the popping corn. This procedure saves electricity since the kettle has plenty of heat and eliminates smoke/odor from any oil residue that remains after you have stopped popping.

Care And Cleaning

After completion of a series of poppings, wipe the outside of the kettle with a soft cloth to remove any oil drippings/residue. **DO NOT** let this residue burn on! After completion of popping for the day, let the kettle cool until it is warm to the touch. Unplug the kettle and remove from machine. Use a soft cloth to wipe out the inside of the kettle, kettle lids, kettle crossbar, agitator and all outside surfaces of the kettle.


DO NOT immerse the kettle in water or any other cleaning solution, this will void the warranty.

It is recommended as a routine maintenance procedure to use authentic Gold Medal Products Company 2095 Heat'n Kleen inside kettle cooking surface cleaner. Heat'n Kleen will remove any oily build-up and helps maintain a clean cooking surface if used on a routine basis. Heat'n Kleen will not damage the kettle's cook surfaces. Contact your local Gold Medal Products Company dealer if additional cleaning strength is required for extremely dirty kettles.

Clean the glass and all interior/exterior cabinet surfaces. A regularly cleaned machine is easier to keep clean. In addition, a clean machine is more appealing to both customers and increases sales. Your local food service inspectors appreciate a clean machine.

NOTE: DO NOT use any cleaners that contain ammonia. Ammonia based cleaners may crack and/or fog the plastic parts on the machine.

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.

HOW TO ORDER REPAIR PARTS

	⚠ DANGER
	Do NOT immerse the kettle, warmer, or any other part of this equipment in water. Unplug your machine before servicing.

1.

- Identify the worn or broken part by checking it with the illustrations and parts list.
2. When ordering parts, include part number, part name, and quantity required.
 3. Include you model name and machine serial number (found on nameplate) with your order.
 4. Address orders to:

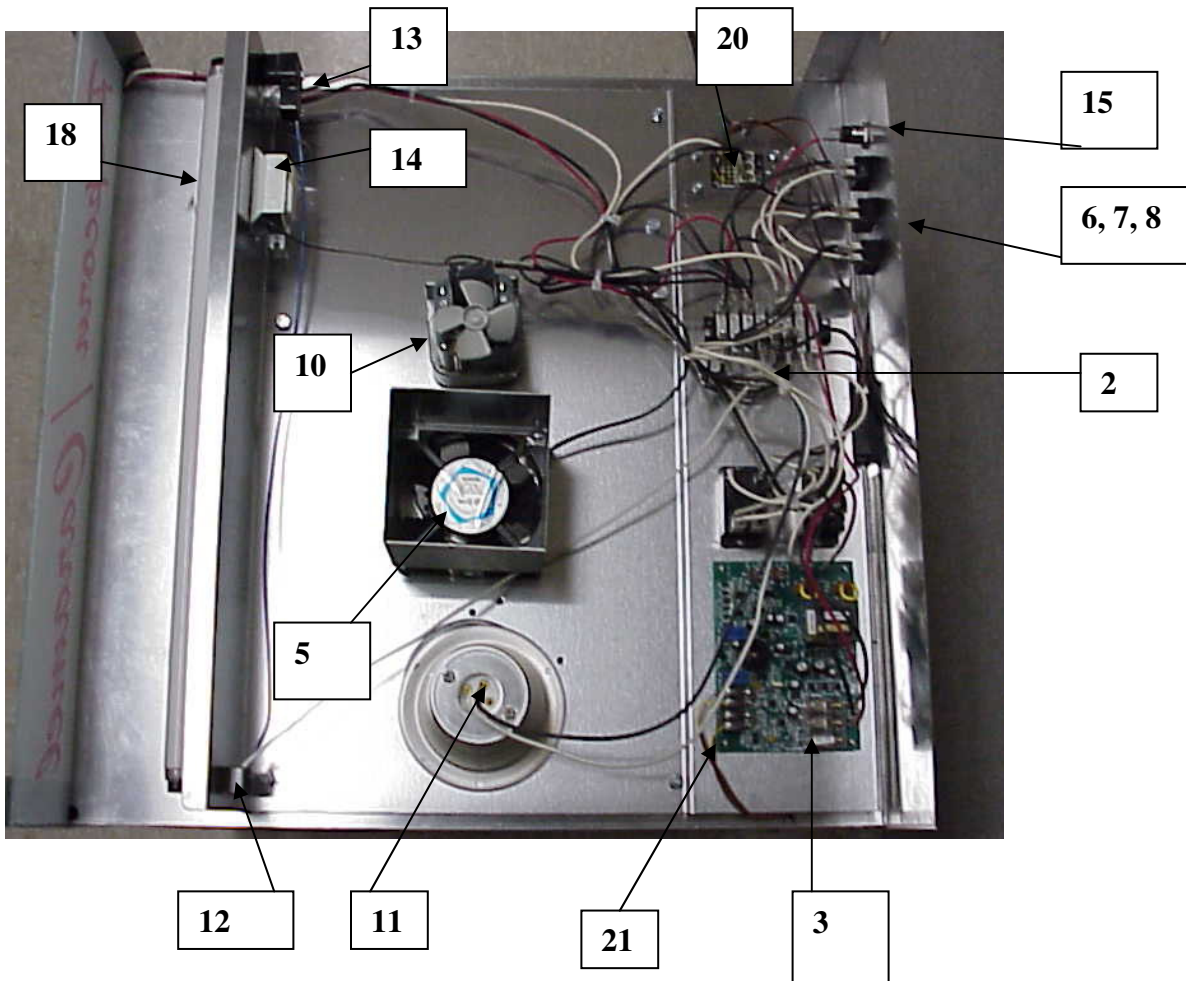
Parts Department
Gold Medal Products Co.
10700 Medallion Drive
Cincinnati, Ohio 45241-4807

or, place orders at:

(800) 543-0862
(513) 769-7676
Fax: (513) 769-8500
E-mail: info@gmpopcorn.com

Electrical Parts List (except kettle)

Item	Part Number	Description	Quantity	Special Notes
1	40557EX	Corn Deck Freshener Heat Element	2	Self adhesive foil elements.
2	47208	Terminal Block, 8 Point	1	
3	41001	Electronic Kettle Control	1	Uses (2) thermocouples
4	48590EX	Relay – 120v, DPST-NO	2	
5	48037	Exhaust Fan	1	Fan cord 47199
6	42798	Kettle Stir Motor Switch	1	
7	42798	Light & Warmer Switch	1	
8	42798	Kettle Heat Switch	1	
9	49033	Flood Lamp – 75 watts	1	
10	47067	Kettle Drive Motor	1	
11	47047	Flood Lamp Holder	1	
12	41020	Fluorescent light tube holder	1	
13	41021	Fluorescent light tube holder/starter	1	
14	41722	Fluorescent light ballast	1	
15	55039EX	Lamp for yellow signal to dump	1	
16	89087	Filter	1	
17	49330	Kettle Receptacle	1	
18	16264	Fluorescent light	1	
19	67060	Strain Relief	1	
20	48548	Kettle Receptacle Assy	1	
21	48567	Thermocouple Extension	2	
22	42369	Power Supply Cord	1	

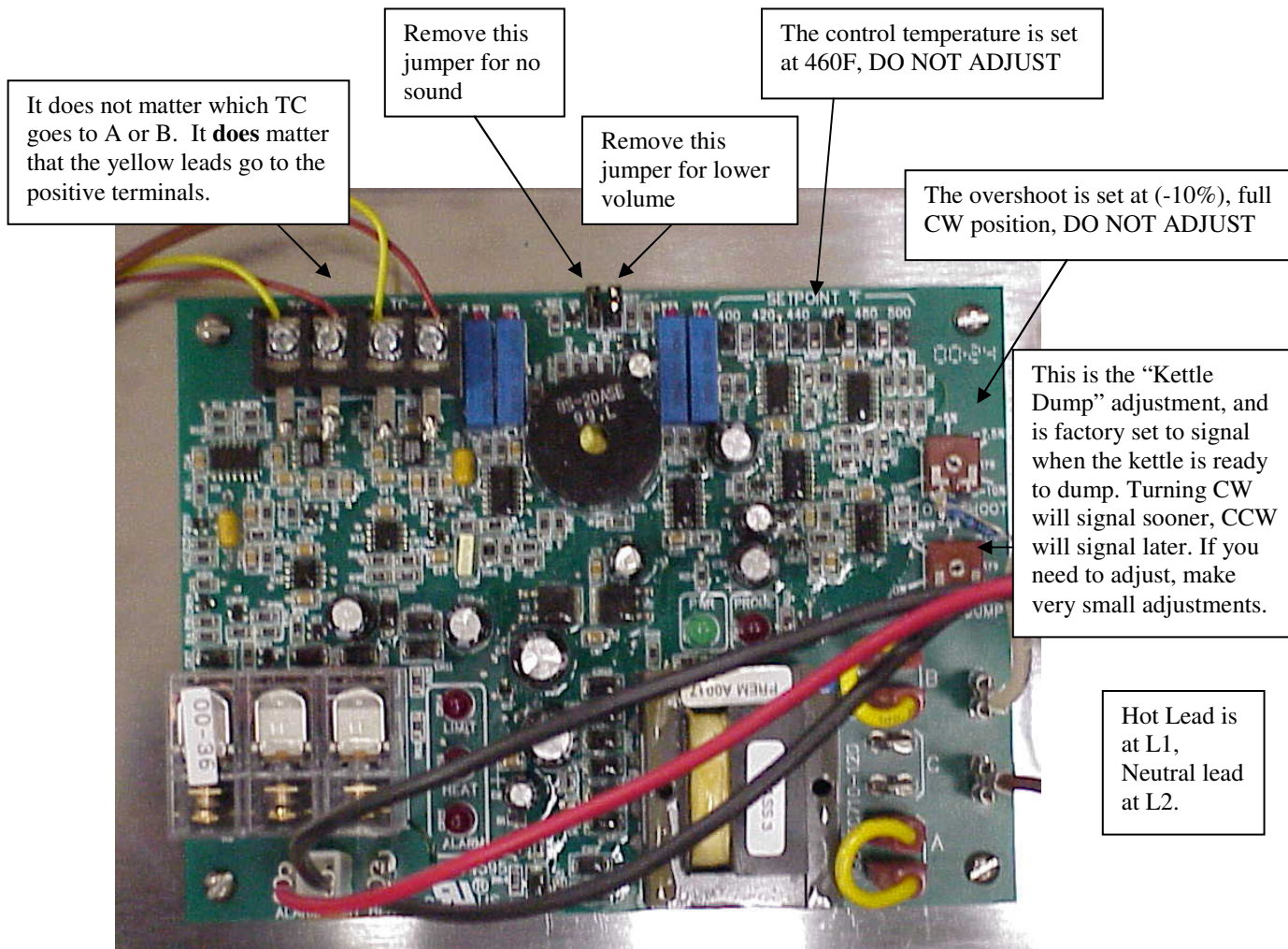


Electronic Temperature Control

The Macho Pop has a electronic kettle control with 2 thermocouples, one for control and one for limit. There are no mechanical thermostats in this kettle.

There are (4) factory adjustments on the control:

- Control temperature – **do not** adjust this one
- Signal to dump – If you want the signal to dump to be a little sooner or later you can adjust the potentiometer marked “kettle dump”. CW is sooner, CCW is later.
- The patented overshoot circuit is tuned for the kettle, **do not** adjust this potentiometer.
- The audible signal to dump has three options; full volume, half volume, no sound (just the yellow light). Adjustments are by jumper positions. We ship will full volume.



It does not matter which TC goes to A or B. It **does** matter that the yellow leads go to the positive terminals.

Remove this jumper for no sound

Remove this jumper for lower volume

The control temperature is set at 460F, DO NOT ADJUST

The overshoot is set at (-10%), full CW position, DO NOT ADJUST

This is the “Kettle Dump” adjustment, and is factory set to signal when the kettle is ready to dump. Turning CW will signal sooner, CCW will signal later. If you need to adjust, make very small adjustments.

Hot Lead is at L1, Neutral lead at L2.

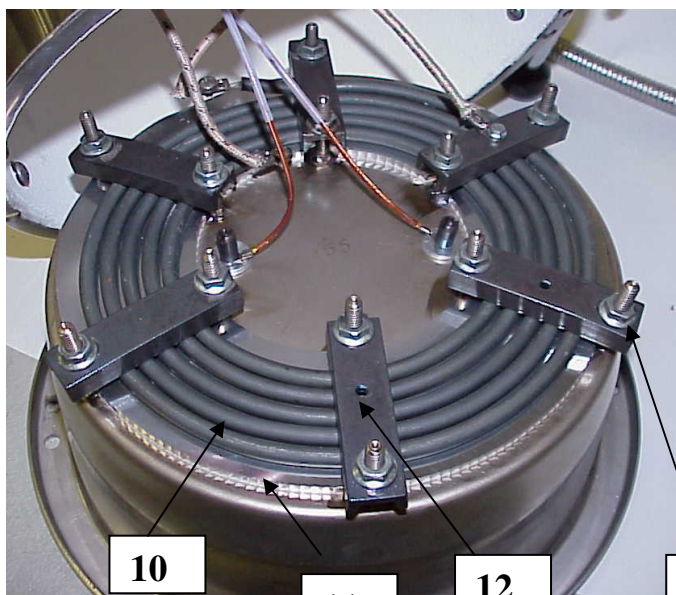
Position for 120v supply (shown) is jumper A and B. For 240v, jumper C only, remove A and B jumpers.

Kettle Parts List

Item No.	Part Number	Description	Quantity Per Machine	Special Notes
1	49990EX	Kettle Complete	1	Inc. 41181 and 49991
2	41181	Kettle Lid and Agitator Assembly	1	
3	49991EX	Kettle Bottom Assembly		
4	47059	Spur Gear	1	#10-32 x 3/16" Set Screw Required, P/N 41742
5	47106	Needle Bearing	1	47107 is "C" Ring
6	49992	Kettle Lead-in Cable Assembly	1	Complete with Plug Assy.
7	41598	Kettle Gasket	1	
8	48574	T/C Wire Assy.	2	Kettle to Plug
9	61167	Threaded Block	2	Holds kettle to shell
10	67889EX	Tubular Heat Element	1	1720 watts
11	67890	Heat transfer Plate	1	
12	67894	Element Clamp	6	
13	46311	Lock Nut	12	
14		Aluminum Washer	4	



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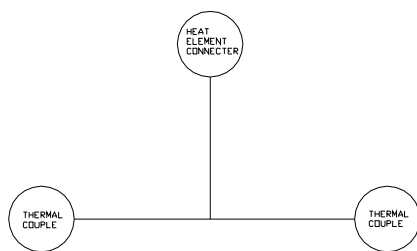
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Important: Note the position of the thermal couples and the heat element connections. If the kettle is taken apart, these parts must be put back in the same position.



Cabinet Parts List

Item No.	Part Number	Description	Quantity Per Machine	Special Notes
1	41349	Hinge, Male	2	Left on operator side
2	41350	Hinge, Male	2	Right on operator side
3	41351	Hinge, Female	2	Left on operator side
4	41352	Hinge, Female	2	Right on operator side
5	49969	Door	2	
6	47141	#8-32 X 1/2" Screw	8	Holds hinge to door
7	47702	#8-32 Acorn Nut		For Door to Hinge connection
8	49916	Dome	1	
9	68894	Clear Lexan Panel	1	Removable panel on operator side under doors
10	69916	Filter retainer assy	1	Includes removable filter retainer and (1) filter
11	69917	Bag of (5) replacement filters	1	
12	41301	"Popcorn" sign		For lighted dome.
13	49100	Old Maid Tray		
14	47059	Spur Gear	1	#10-32 x 3/16" Set Screw Required, P/N 41742
15	41013	Door Knob	2	
16	47561	Magnetic Catch for Doors	1	
17	47697	Glass Channel	6	27 13/16"
18	47694	Glass Channel	3	22 7/8"
19	49826	Glass	3	28.19" X 22.94 X 1/8" tempered

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.

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



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