

GUMBALL WIZARD OWNERS MANUAL



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COINS

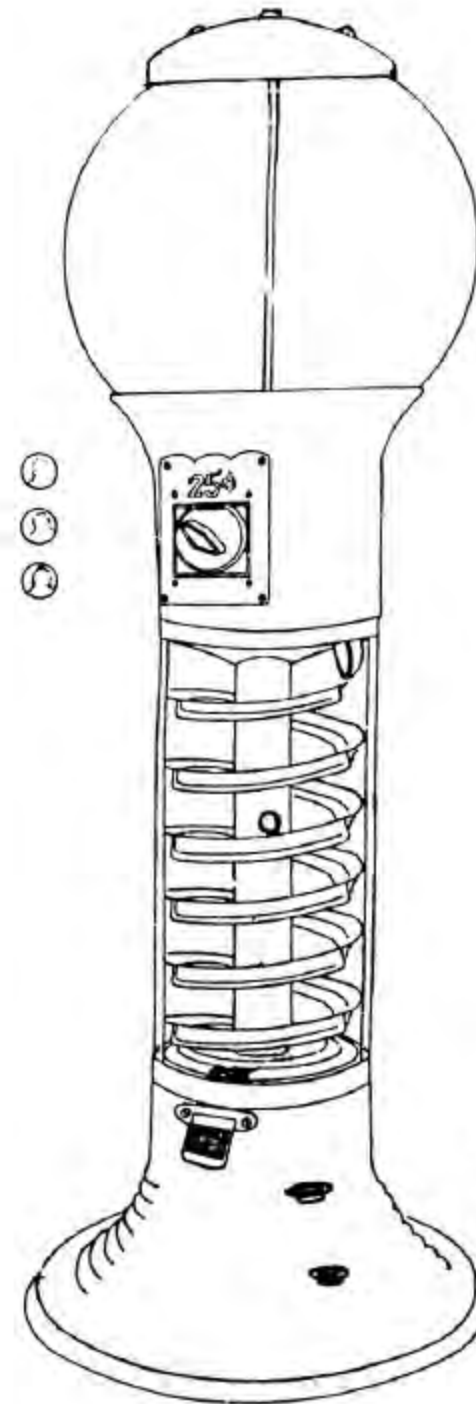


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CONGRATULATIONS!!

You have just purchased the world's newest, most innovative gumball machine. The **Gumball Wizard™** has set the standard for quality and innovative design in the vending industry. The simplicity and striking design of the **Wizard** appeals to everyone, this is no ordinary gumball machine.

The excitement really begins when the first coin is dropped into the coin mechanism and the gumball comes racing down the clear, sloping, **SPIRAL™** track. That's when the fun starts for you too.

Presented here is information and detailed illustrations to help familiarize you with you with your new **Gumball Wizard™**. Please take a few minutes to read the owners manual we're sure you'll agree that it's very important for you to take the time to become familiar with the **Gumball Wizard™**. The information and illustrations presented here in the owners manual will make normal servicing and minor repairs of your new **Gumball Wizard™** much easier.

Serial #: _____

Key #: _____

Hat

Key #: _____

Money Door

Date Purchased: _____

ASSEMBLY

SECTION 1.0

TOOLS REQUIRED FOR ASSEMBLY:

Spanner screwdriver (provided) 3/8 wrench 7/8 wrench
needle nose pliers 5/64 Allen wrench

STEP 1

Place the base of the *Wizard* on the ground. Gently place the cylinder on the base with the seam of the cylinder above the cash door. The cylinder is notched at the seam fitting directly over the "locating point of the base" above the cash door.

STEP 2

Place the spiral tray assembly in the cylinder with the notch of the center tube tray assembly ("the tree") directly over the locating point of the center hole in the same fashion as the cylinder.

STEP 3

Place the head of the *Wizard* on the cylinder. The locating point of the head should fit securely into the notch of the cylinder.

STEP 4

The clear coin/gum diverter can now be placed into the head at this time. The "U shaped" upper crossbar should now be lowered into the head. The center rod can now be inserted through the crossbar. The lower crossbar should be placed into the base at this time located at the back of the center tube towards the cash door. Tighten the 3/8" coupler nut at this time. Do not over tighten the coupling nut, this could damage the base. See figure 1.

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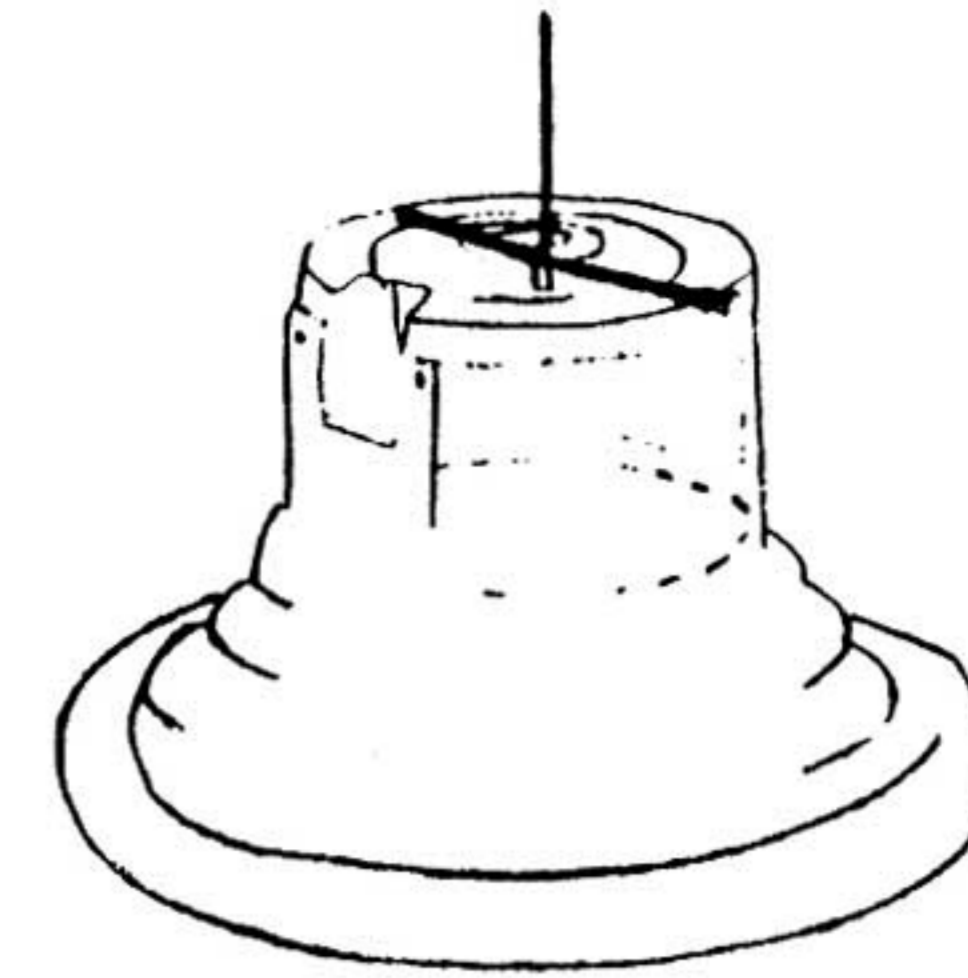


FIGURE 1

STEP 5 (NEON Machines Only)

Lower the neon tubes through the head, tree assembly, and base with the wire from remaining in the head. The tubes should be lowered to the point where the electrodes do not show through the cylinder and tree assembly. **NOTE:** Make sure the neon tubes align through the head, tree assembly, and base with no lateral pressure as this will fracture the neon tube.

STEP 6 (NEON Machines Only)

Lower the computer board bracket over the rod to the upper crossbar (the leg extension should face the back of the machine). The bracket should fit securely into the upper crossbar. The red and white power lead wire harness should be lowered through the center tube and secured to the bracket at this time with the wire clip provided. The RCA plug and battery terminals attached to the power lead should be lowered into the base.

STEP 7 (NEON Machines Only)

Secure the computer board to the bracket at this time with the clips provided. The wire from the neon tubes, microswitch and power leads can now be attached. See figure 2.

4

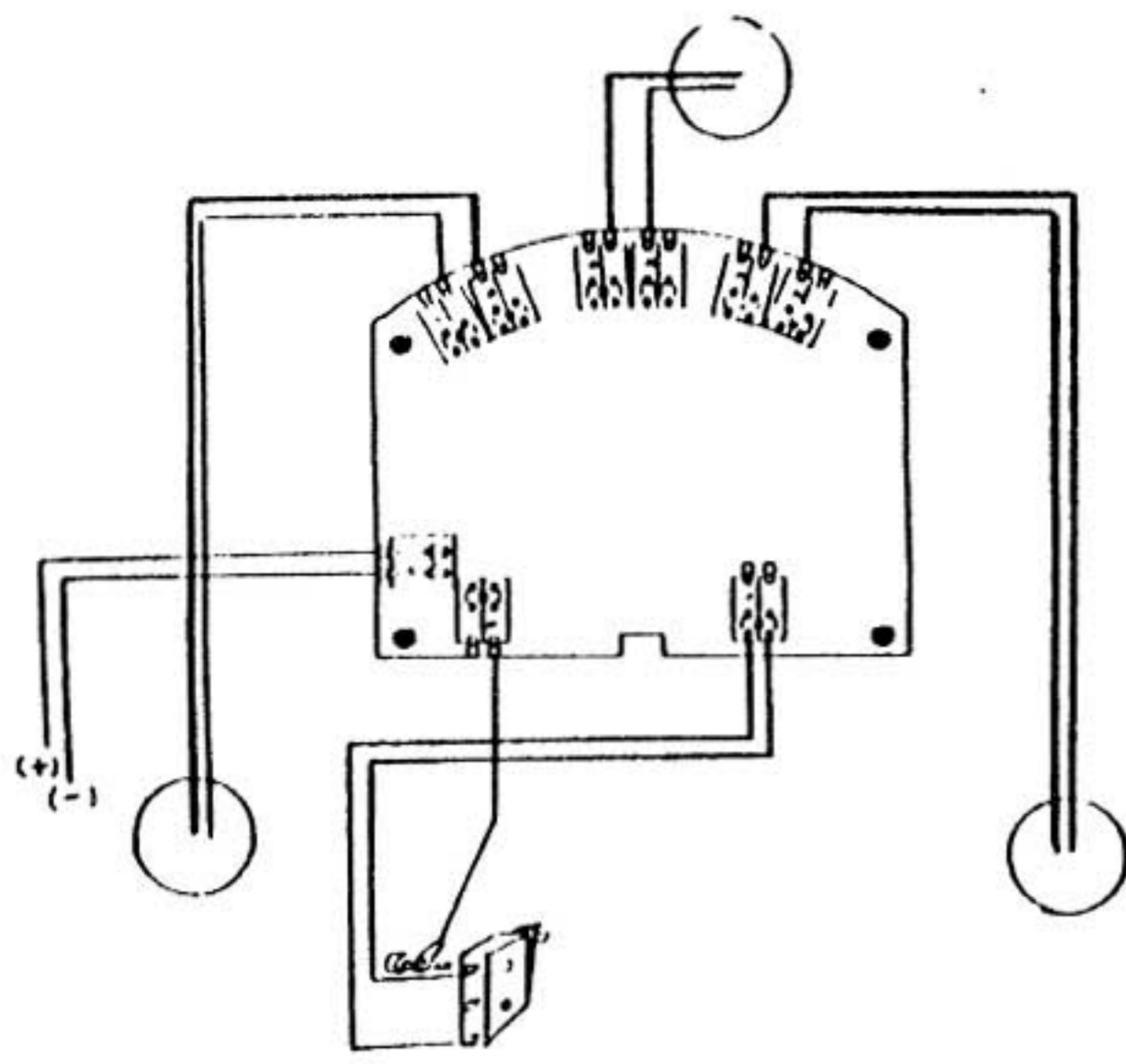


FIGURE 2

STEP 8

Lower the globe over the rod and secure to the faceplate with the spanner screws provided (see Operating section to make sure the hopper assembly is properly timed) as seen in figure 3.

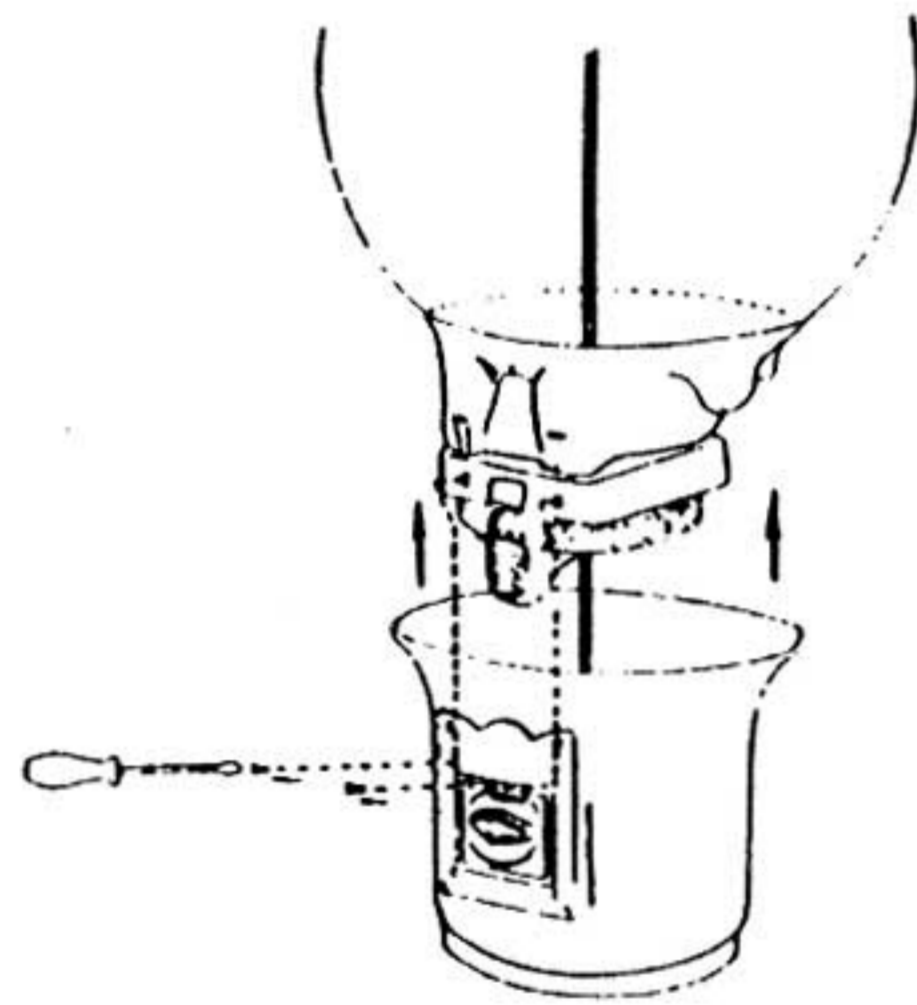


FIGURE 3

STEP 9

Drop several gumballs into the globe and deposit quarters in the coin mechanism to ensure the machine is properly timed and functioning correctly. The hat can now be placed over the globe securing the *Gumball Wizard*TM machine and globe as one unit.

DISASSEMBLY

SECTION 2.0

STEP 1

Remove the hat from the machine with the key provided. Turn the key counter clockwise to release the lock from center rod. Push down firmly while turning the key.

STEP 2

Release the globe from the machine by removing the two spanner screws directly above the coin mechanism with the spanner screwdriver provided. Lift the globe vertically over the center rod. **NOTE:** The product does not have to be emptied from the globe for removal. See figure 4.

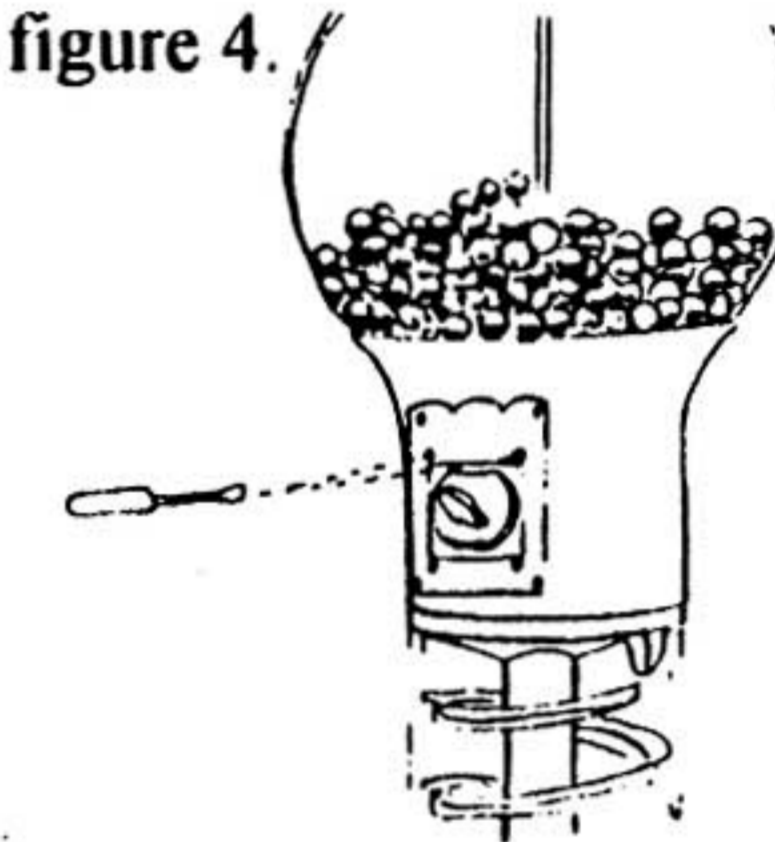


FIGURE 4

STEP 3

Open the cash door with the key provided pushing firmly and rotating a quarter turn counter clockwise. Loosen and remove the 3/8" coupler nut attached to the rod. Remove the lower crossbar.

STEP 4

Disconnect all wires attached to the computer board by depressing the quick connect and gently pulling the wire. Remove the

computer board from the bracket. Release the power lead wire from the wire clip on the computer board bracket and remove the bracket.

STEP 5

Remove the neon tubes from the machine by gently pulling vertically through the head of the machine. Remove the rod and upper crossbar.

STEP 6

Remove the head by holding one side and gently tapping the other side at a slight angle to break the seal securing the head to the cylinder. See figure 5.

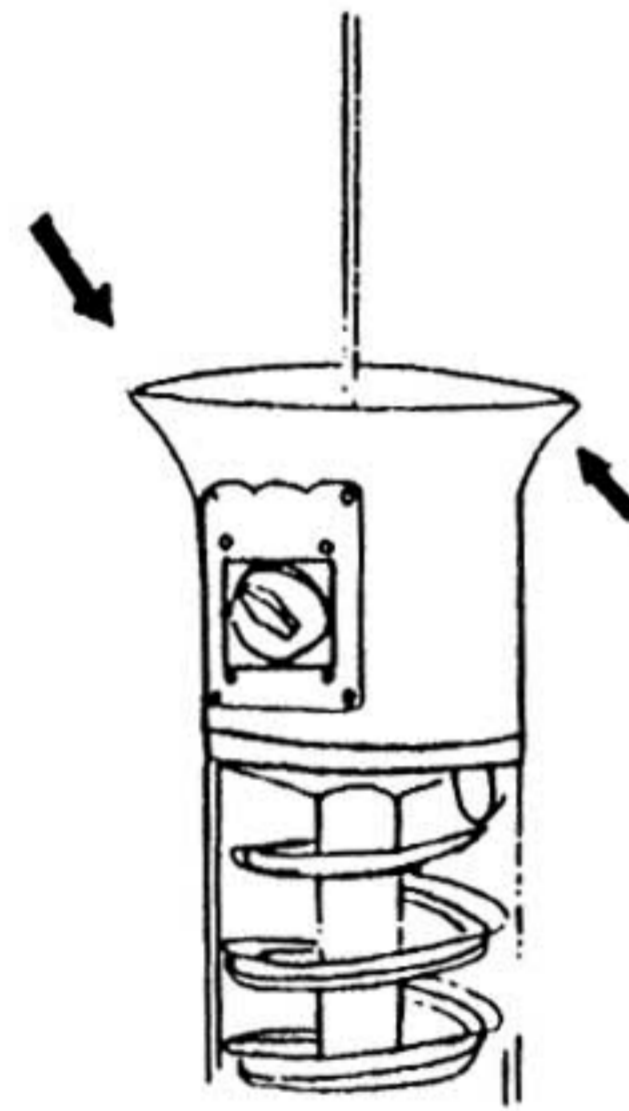


FIGURE 5

STEP 7

Remove the cylinder from the base with the tree still inside the cylinder. The spiral tray assembly can now be removed

CAUTION: Do not try to pull the spiral tray assembly through the cylinder, gently push downward as to not scratch the cylinder.

OPERATING INSTRUCTIONS SECTION 3.0

A PROGRAMMING NEON OPERATIONS: The computer board can be powered by two different sources: Battery and/or AC adapter plug in. There are three different programs that can be operated regardless of the power source. To program the computer board the power source should be connected, and a quarter should be run through the coin mechanism when the desired tube is activated, indicating the proper program.

	PLUG-IN PROGRAM	BATTERY PROGRAM	CONTINUOUS PROGRAM
TO SELECT PROGRAM	insert quarter & vend when one tube is illuminated	insert quarter & vend when two tubes are illuminated	insert quarter & vend when three tubes are illuminated
ROTATION	clockwise continuously	clockwise every 30 seconds for 10 min	N/A no rotation
TOUCH SENSOR MODE	counter clockwise	counter clockwise	N/A no rotation
VEND MODE	accelerates clockwise	accelerates clockwise	N/A no rotation
COMMENTS	battery not recommended	If vend or touch sensor not activated within 10 min., computer shuts down until re-activated by vend or touch mode	battery strongly not recommended

B ADDING BALANCING WEIGHT TO BASE

Sand must be added to the base for stability. Open the cash door with the key provided. Remove the black plug located in the base. Using a funnel, pour sand into the base. This will add about 30 lbs. for stability.

C EMPTYING THE COINS OR TOKENS

Open the cash door at the base of the machine with the key provided and remove the coin box.

D FILLING THE MACHINE

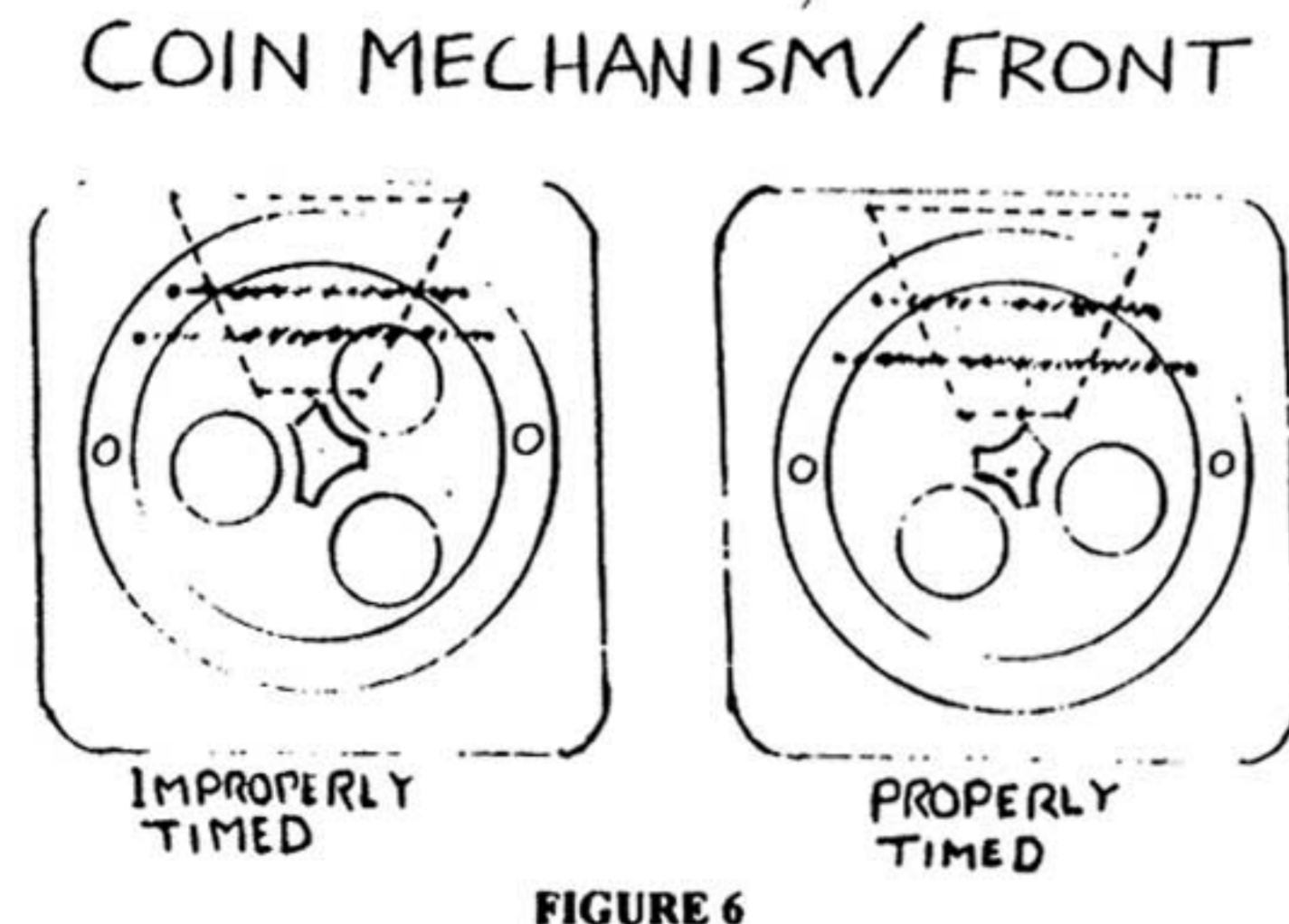
Gumballs, especially when cold, may break or crack when the gum is loaded too quickly. If possible, have one other person hold the machine at an angle when filling. Pour the gum slowly from the bag and remove any which may be broken or deformed.

E LOCKS AND KEYS

Please exercise caution and do not over tighten the lock on the top of the hat. This can strip the threads if you over tighten the lock.

F TIMING OF HOPPER

To adjust the timing of the hopper, the globe must be removed, and the three holed gum wheel rotated to the proper position. See figure 6.



CLEANING/MAINTENANCE SECTION 4.0

A PLASTIC PARTS

Cleaning of plastic and acrylic parts can be done with glass cleaner or mild soap and a soft cloth. **Do Not** use an abrasive cleaner or paint thinner.

B FIBERGLASS HEAD AND BASE

Mild polishes and waxes remove most scratches and marks. Gently apply the compound with a soft rag and apply in a circular fashion.

C GLOBE

The globe is constructed of an acrylic polymer. Paint thinner and acetone will dull and break down the plastic **Do Not Use these compounds**. A mild plastic polish or glass cleaner is recommended.

D GENERAL MAINTENANCE

The 3/8 coupler nut and spanner screws will generally need to be adjusted and tightened. Do not over tighten the screws this can pull the inserts from the fiberglass or strip the threads.

TROUBLESHOOTING

5.0

A GUM WON'T COME DOWN

This problem is caused by either (a) a deformed piece of gum or (b) the wheel riser has slipped and spun to the side, closing off the delivery hole. Remove the globe and check to see that the delivery hole is not closed off, or gum caught in delivery hole.

B INCONSISTENT GUM DELIVERY

This problem is caused by either (a) the hopper assembly timing being off or (b) the lateral springs of the hopper assembly are broken. Remove the globe and check the timing, check to see that the springs are attached above the delivery hole.

C QUARTERS STUCK IN SPIRAL TRAYS

This problem is caused by the gum guide and coin/gum diverter not being properly aligned. Remove the globe and check to see that there is no interference between the two.

D NEON TUBE DOES NOT LIGHT

Check to see that the neon tube is not cracked and that the connections are tight and properly wired. If the tube still does not light disconnect the wires and attach them on the computer board to a circuit that is known to work.

E NEON LIGHTS DO NOT WORK AT ALL

Check to see that the power source is properly connected. Check that the AC adapter plug has a good connection, and that the wire has not been pinched in the door.

FOR CUSTOMER SERVICE CALL: 1-800-260-0010

WARRANTY

6.0

GUMBALL WIZARD

Limited Warranty

This warranty will give the purchaser specific legal rights. You may also have other rights which vary, depending on your state, province, or country of residence.

Manufacturer offers a 1 year warranty on all moving parts. Manufacturer offers a one year warranty on electronic components. Manufacturer warrants each product against defects in materials and workmanship for a period of 90 days from the date product is delivered to the shipper or transport company for delivery of product to the purchaser. During the warranty period, manufacturer will, at its option, either repair or replace products which prove to be defective or which do not conform to the terms of any purchase order received and accepted by manufacturer. This warranty shall not apply to defects resulting from improper or inadequate maintenance or unauthorized modification or misuse.

THE WARRANTY SET FORTH ABOVE IS EXCLUSIVE AND, EXCEPT AS OTHERWISE REQUIRED BY LAW, NO OTHER WARRANTY, WHETHER WRITTEN OR ORAL, IS EXPRESSED OR IMPLIED. MANUFACTURER SPECIFICALLY DISCLAIMS THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL MANUFACTURER OR ITS AFFILIATES BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES IN CONNECTION WITH, OR ARISING FROM, THE DESIGN, MANUFACTURE, OR USE OF THE PRODUCTS, OR ANY ACCOMPANYING MANUALS OR RELATED MATERIALS.

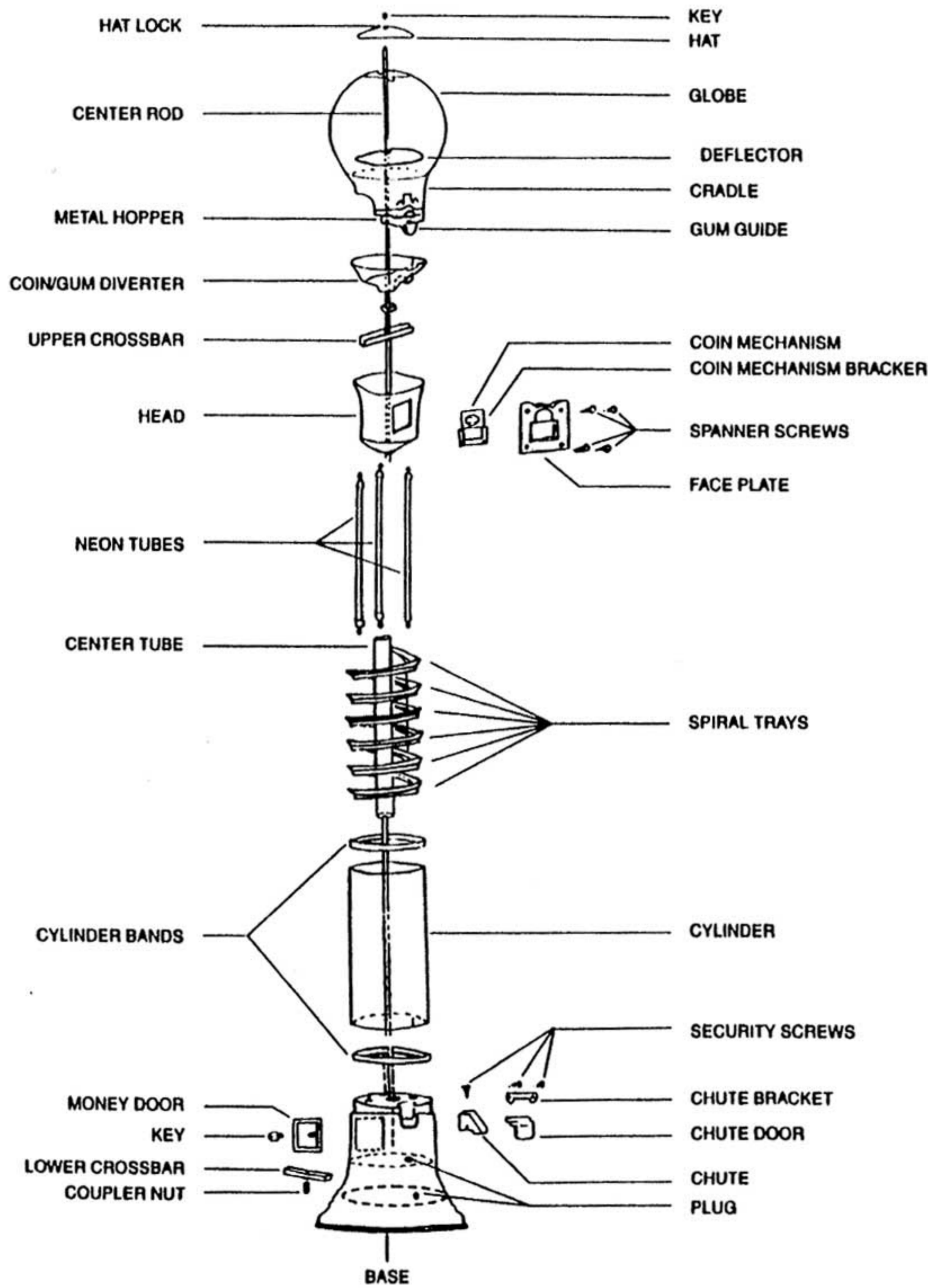
SOME STATES OR PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR THE EXCLUSION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. HOWEVER, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS IS LIMITED TO THE 90 DAY DURATION OF THIS WARRANTY.

In the event the repair or replacement of defective or non-conforming product is required pursuant to this limited warranty, the user shall deliver the allegedly defective or non-conforming product to manufacturer at manufacturer's place of business in Gilbert, Arizona or such other location as manufacturer may, from time to time, designate. Repaired or replacement products or the products returned in the event that no defect or non-conformance shall be found to exist, shall be delivered to manufacturer, F.O.B. manufacturer's place of business. User shall bear all risk of loss to the products following delivery to the shipper or transport company by manufacturer at manufacturer's place of business. User shall purchase, at its sole expense, adequate insurance to cover the value of the products contained in each shipment.

The serial number of each machine shall be provided as a condition to receiving any coverage under this warranty.

PARTS ORDER LIST

7.0



Ship to:

Date:

Ship code: 1 2 3

Billing part-- freight--

Shipper: ABF GI UPS

Phone () _____

Size (circle) 5.0 5.5

Serial # _____

	Color	Size	Quantity
Hat			
Head			
Base			

ASSEMBLIES

Tree assembly		
Globe assembly		
Rod assembly		
Hopper assembly		

LABELS

Gumball wizard		
25 cent		
Microbyte		

NEON

	Quantity	Color
AC adapter		
acrylic tube		
battery 12v		
battery charger		
black cap		
blue cap		
coin mech - prepped		
insulator tube		
micro switch		
neon tube assy		
pc board		
pc board bracket		
paint kits		

Quantity

	Black plastic plug 1 1/18
	brass standoff
	candy wheel set (microbytes)
	chute
	chute bracket
	chute cover
	coin & gum diverter (clear)
	coin mechanism
	coin mech bracket (steel)
	cradle (black)
	crossbar-upper
	crossbar-lower
	cylinder only 5.0
	cylinder only 5.5
	cylinder band 5.0
	cylinder band 5.5
	deflector (black)
	extra key:
	specify Chicago/LAI/Baton #
	face plate 5.0
	face plate 5.5
	globe only 5.0
	globe only 5.5
	gum guide (black)
	L-cam or flat cam (circle one)
	lock & key:
	specify Chicago/LAI/Baton #
	metal hopper
	money door
	money door w/ hinge
	rod only 5.0
	rod only 5.5
	screwdriver
	spanner screw (security)
	spiral tray 5.0
	spiral tray 5.5
	spring brush assembly
	three holed gum wheel
	trim-lok
	wheel riser
	Wizard manual

Comments: _____

Authorized: _____