

# Wacky Fun Factory

Owner's Manual



DSM Sales & Manufacturing

Version 1

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## Machine Overview

THE TOPSY TURVY is the most amazing gumball show created. Watch the gumball race up the multi-colored auger, dance across spinning gears, roll back and forth down the teeters, spin down a tornado, then weave its way to the exit chute to be retrieved. All this for only one coin. Many times the children forget the gumball and put another quarter in just to watch the show. Thousands of customers put quarters in this machine every month and all you have to do is collect the money at the end of the month as well as refill the gum. No child will be able to pass by this machine without putting at least one quarter in to watch the show and receive a gumball. No machine is more reliable and more fun to own. What greater way to earn passive income than with this fun machine. You can't help but make money with the TOPSY TURVY.

# Setup

## Unpackage and Plug it In

1. Place the machine on location near an electrical outlet. Open the doors and remove the foam from the top of the auger. Plug in the machine to a 110V outlet (it is strongly recommended that you use a surge protector as power in large retail environments may be unstable and could cause damage to your machine).

## General Check

2. Do a general check of the machine to make sure there are no obvious problems with the machine (ie. broken windows, doors, loose parts inside the machine).

## Run the Machine

3. Run the machine once by putting a coin in the coin mechanism and check to see if all parts are moving smoothly.

## Insert Product

4. Open the top door to insert the product. Put some product around the outside of the top as a display. Do a quick sort of the product to make sure the product you put in the machine is not broken and is round. Then fill the inside of the machine by dumping product down the center of the top which then feeds down into the globe, which can be seen from the front.

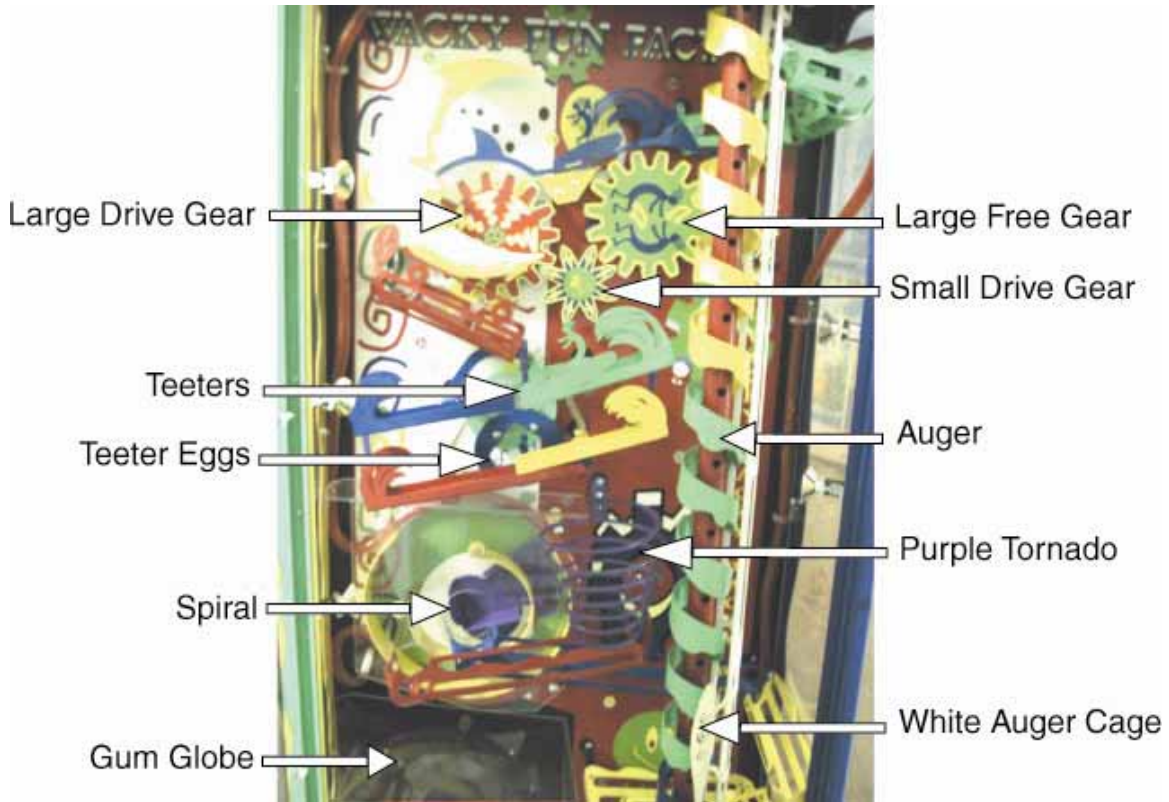
## Run Product Through the Machine

5. Run the machine a few more times to make sure the product runs through the machine and dispenses properly.

## Leave to Make Money

6. Walk away and leave the machine to make you money.

## Getting to Know Inside Your Machine



Use this image to familiarize yourself with the playfield of your machine. Then, if you have any problems with your machine and need to speak with a technician, you will know what the technician is talking about. If you do require assistance, please contact your dealer for customer support. Before you forget, write down the dealer's contact information if you do need support.

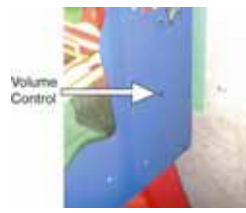
Dealer: \_\_\_\_\_

Phone #: \_\_\_\_\_

Email Support: \_\_\_\_\_ (if applicable)

## General Service

There are a few service issues that you will want to know for general maintenance of your machine. Read through this list to make sure you are familiar with the maintenance of your machine.

1. **Fresh product.** As you put product in your machine, be sure to insert product that is fresh. You will find that gumballs especially, if too old, will break inside the machine and cause the machine not to vend. If you make sure that your product is fresh, this will not be an issue.
2. **Overhead Light Replacement.** The overhead light is a fluorescent bulb that will eventually burn out. To replace it, just take the bulb to your nearest hardware store and find its replacement.
3. **Added Security to the coin door.** For greater security, there is a hole just below the coin mech that you can drop a 5/16 bolt into. This bolt will fit into a hole in the coin box door on the bottom. This is merely for greater security if you choose, though in most circumstances, the lock will keep others out of your money.
4. **Volume Control.** If your location owners ask you to turn the volume up or down you can do so by turning the knob on the back side of the circuit board. This can be accessed on the right side of your machine. Use a small regular screwdriver to turn the volume up or down.
5. **Teaser Sound On/Off.** You can also turn the teaser sound off altogether if so desired. If you go to a local electrical store you can find a .100 jumper and place it on the board. You will not hear the teaser sounds again until you take the jumper off. (Halloween and Christmas specialized sound chips are an option that can be purchased later).
6. **Capsule Conversion.** If you have a location that does not allow gumballs or jawbreakers your machine has the option of dispensing 1” capsules. Before it will do this however, you will need the capsule conversion kit. Call your dealer to order it and to receive instructions on installation.
7. **Rope Light Speed.** Inside the back door is a black controller box with a knob on it. Turn this knob to increase or decrease the speed of your rope light thus attracting the attention you desire for your machine.

# Troubleshooting

1. **My gumball is not being picked up by the auger.**
  - a) Increase space for the gumball to enter the auger cage by pulling the left hand side of the white auger cage (4" tall extension) toward you.
  - b) If the gumball is still sitting at the bottom of the chute, reach under the gum wheel and pull the black chute down slightly.
2. **My gumball is coming off the auger before it reaches the top.**
  - a) Find the spot where the gumball is shooting off. Tighten the space between the auger cage and the auger by cupping your hand around the auger cage and squeezing slightly.
3. **My gumball is not coming off the auger into the track at the top correctly.**
  - a) Adjust the flipper at the top of the auger until the gumballs are properly, and gently entering the track at the top.
4. **If some of the components inside the machine are not moving at all. Check the following items in this order.**
  - a) If the motor is turning, look to see if the belt is correctly on the pulleys and that the pulleys are not broken. If the motor is spinning freely inside the main pulley, tighten the set screw.
  - b) If the teeters are the only thing not moving, make sure the plastic wheel at the end of the teeter arm is resting in the groove on the turning eggs.
5. **My machine does not turn on when a quarter is entered into the machine.** Then check the following things.
  - a) Make sure that your machine is plugged in and the power strip in the back of the machine is turned on.
  - b) First check to make sure that the fuse is still good. Located inside the circuit box, in the back of the machine, is an inline fuse. Pull this out and see if it is still good. If you need to replace it, find a 250V 1 Amp fuse at your local hardware store.

- c) Then check to make sure that the red and black wires from the coin mechanism micro switch are plugged into the two white wires with pink disconnects.
- d) If this does not solve your problem, follow the black and red wires to the micro switch and try to trip the switch with your fingers.
- e) If following these two steps has not solved your problem, contact your dealer for customer support.

**6. The locks on my doors are not properly adjusted.**

- a) There are brass cams attached to the locks on the inside of each door. If the door is too loose when closed then squeeze the lock tabs toward the door decreasing the space between the lock tab and the cabinet.
- b) If the locks are too tight when you are shutting the door push the brass cams away from the door to increase the space.

**7. The gum wheel does not turn when I turn the coin mechanism.**

- a) If you can turn the coin mechanism without turning the gum wheel then the gear on the coin mech is not properly aligned with the gum wheel. The coin mechanism is attached to a yellow plate. You can remove the screws from the front of this plate to remove it. Then as you put it back in make sure to align the teeth of the coin mech and the gum wheel. Make sure all screws are tight before turning the coin mechanism again.

**8. Sometimes I get no gumball or two gumballs dispensed.**

- a) First, make sure you are dispensing the correct size of product. Product that is too small will vend two at a time periodically.
- b) Make sure that the gum wheel is aligned properly. Looking from the front of the machine the three holes in the gum wheel should be aligned at 12:00, 4:00, and 8:00 with the back of the machine being 12:00.



## Replacement Parts

This is by no means a comprehensive list of replacement parts. Your technician may have you replace parts that are not listed here.

| <b>Part</b>           | <b>Part #</b>    |
|-----------------------|------------------|
| Circuit Board         | DSM-3702         |
| Sound Chip            | DSM-3777         |
| Lock*                 | DSM-3258         |
| Key*                  | DSM-3259         |
| Coin Mech             | May vary by coin |
| Drive Belt            | GAT310XL037      |
| Drive Motor           | 2L010            |
| Large Pulley          | 13XL037DFIS      |
| Small Pulley          | 10XL037DFIS      |
| Glide                 | 7502-5-24        |
| Large Drive Gear      | DSM-3012         |
| Small Drive Gear      | DSM-3013         |
| Large Brass Bushing   | F565-2           |
| Small Brass Bushing   | FL26-4           |
| Auger Motor           | LJ-417           |
| Chip Puller           | 16838            |
| Speaker               | DSM-0023         |
| Power Strip           | DSM-1034         |
| Rope Light            | XRLCH-RE-KIT-9   |
| Rope Light Controller | RLCH-30          |

\* You will need the serial number of your machine handy in order to match the correct lock and key number that your machine has.

# Your Machine's Information

It is important to keep track of all your serial numbers and key numbers for phone calls to technicians.

| Serial # | Door Lock # | Coin Door Lock # |  | Serial # | Door Lock # | Coin Door Lock # |
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Make sure you have this information readily available when you are calling about a specific machine. This will allow the technician to look up warranty information.