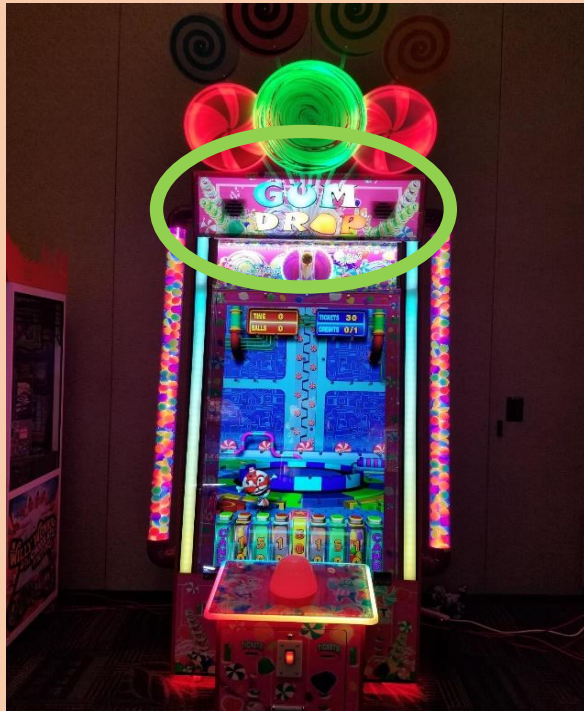


# INSTRUCTIONS FOR FIXING BALL FEED SOLENOID PROBLEM

## Step # 1

### Remove 2.5 mm hex headed screws from lite header graphic

The first step is to turn the game off at the back power switch and then remove the 12 Hex headed machine screws holding the light marquee from the header. You will need a 2.5 mm Allen key to remove the screws. **Before removing the Acrylic Name plate you need to remove the molex connection for the LED lights from behind the "G" in Gum Drop.** There should be enough slack in the wires to do this from the front with the Acrylic unbolted.



Check Box When This Step is Complete ☐

## Step # 2

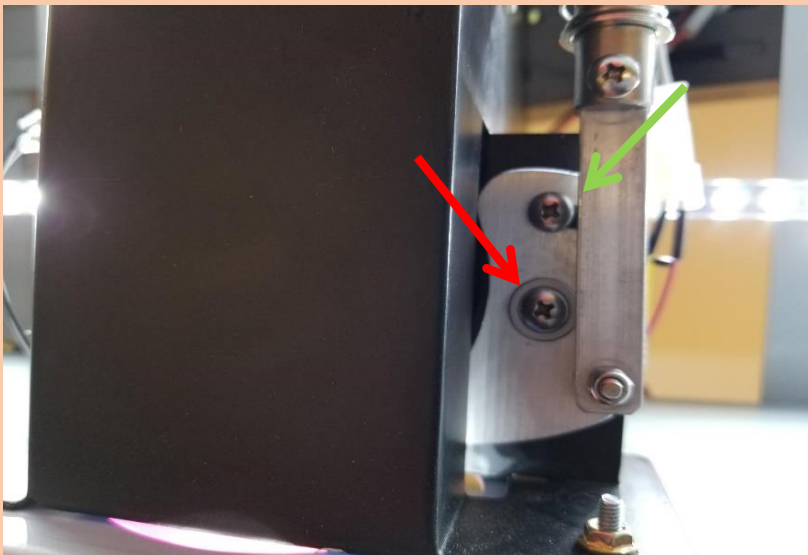
With the Acrylic Name plate removed you can see the "Ball Tube Solenoid" and the ball drop Cam.



Check Box When This Step is Complete ☐

## Step # 3

First remove the Cam Limit Screw (Green Arrow), Then remove The Cam pivot screw (Red Arrow). When removing the screw take note they are backed with a nyloc nut and that will have to be removed first before the screws can be removed.



Check Box When This Step is Complete ☐

# INSTALLATION INSTRUCTIONS

## Step # 4

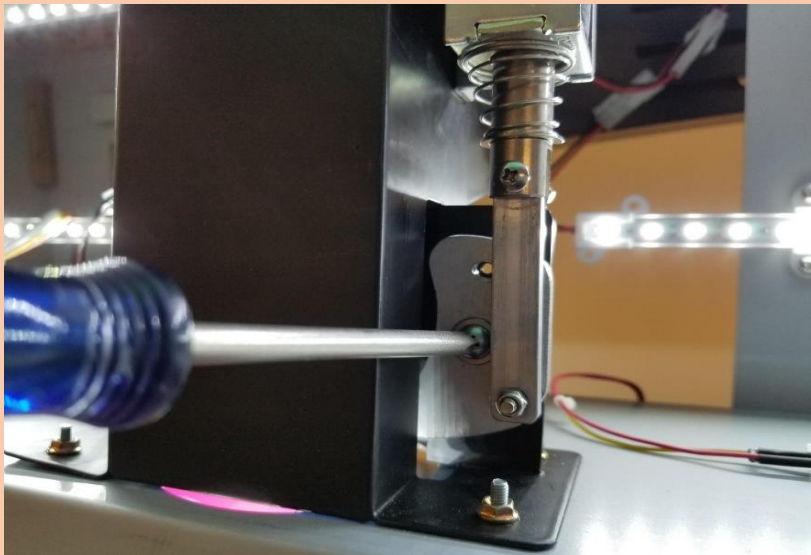
With the screws removed you should have enough play to look at the back side of the Ball Drop Cam (Top Picture), notice the markings on the back side of the Cam is indication of the cam screw being too tight. The lower picture is of the bearing and guide for the back bearing for the ball drop cam. Please clean off the bearing, lightly lubricate them with white lithium grease and reinstall.



lete ☐

## Step # 5

Reinstall the Ball release Cam by first installing the cam pivot screw. Tighten the screw just enough to hold the cam in place without allowing the screw to put pressure on the bearing. Test movement by hand and then install and tighten the nyloc nut on the backside of the screw to lock the screw in place. Please note when tightening the nyloc nut do not allow the screw to rotate at the same time allowing more or less play in the pivot point.



Check Box When This Step is Complete ☐

## Step # 6

After properly installing the pivot screw and nyloc nut, install the cam limiting screw in the same manner as to not bind the ball drop cam. Test the unit by hand for proper movement and then as before install and tighten the nyloc nut on the back of the cam limit screw.



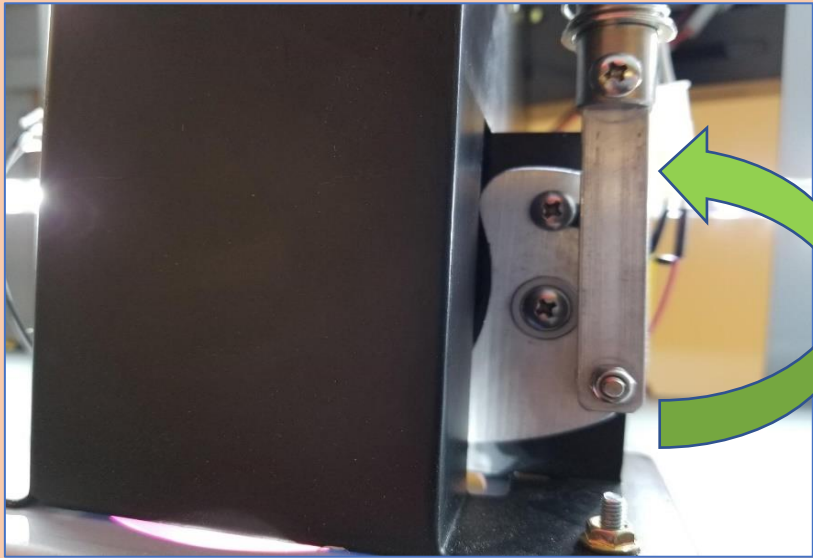
Check Box When This Step is Complete ☐



# INSTALLATION INSTRUCTIONS

## Step # 7

Once the ball drop cam is properly reinstalled power on the game and test for function before putting back on the acrylic name plate. The cam should allow for one ball to drop into the tube at a time rotating up and to the left.



Check Box When This Step is Complete ☐

## Step # 8

Once the Ball Tube Solenoid has been tested, reinstall the Name Plate Acrylic using the 12, 2.5 mm hex headed machine screws. Please note you will still need to plug in the Molex connector back into the slot behind the "G" in Gum Drop for the marquee to light up.

