
Service Bulletin: SB 104

DATE: April 2, 1998

GAME: Circus Voltaire

SUBJECT: Circus Voltaire Adjustment Sheet

The following (5) items should be checked on your "Circus Voltaire" game. These adjustments or "tweaks" may need to be performed at some time to ensure highest playability and longtime earnings.

ALWAYS TURN OFF AND UNPLUG THE GAME BEFORE SERVICING

The adjustments are:

1) Possible Ball Hang-up on Plastic in front of Display

The ball may sit on top of the upper left playfield plastic, between the display panel and the upper left ballguide. To remedy this remove the #8 wood screw holding the ballguide down and replace it with a #8 screw (pn #4108-01115-26) & plastic post (pn #03-8365-8). Then re-fasten the playfield plastic, which will now bow, allowing the ball to roll off

2) Fasten Down Display Plastic With #8 Wood Screw

After you have installed the post under the top left playfield plastic, use the left over #8 wood screw to hold down the display plastic. Locate a spot UNDER the metal bracket (see diagram) and screw into the wood display panel through the plastic.

3) Ball May Stick Under Upper Plastics Below Display

The ball may become lodged in the outer right loop under the upper plastics. The problem may be the (2) lower ground lugs located on the back of the dot matrix panel pushing the plastic down. Pull out the playfield and bend the ground lugs up and out of the way.

4) Ball Falls Off Left Wire Ramp (near switch & clear plastic)

Check to make sure the left wire ramp switch properly actuates allowing, the ball to roll by. Also make sure the wire form's bottom 2 rails are even and the ball glides by the clear plastic and does not touch. You can bend or loosen the wireform and push it out slightly if needed to allow for proper roll down.

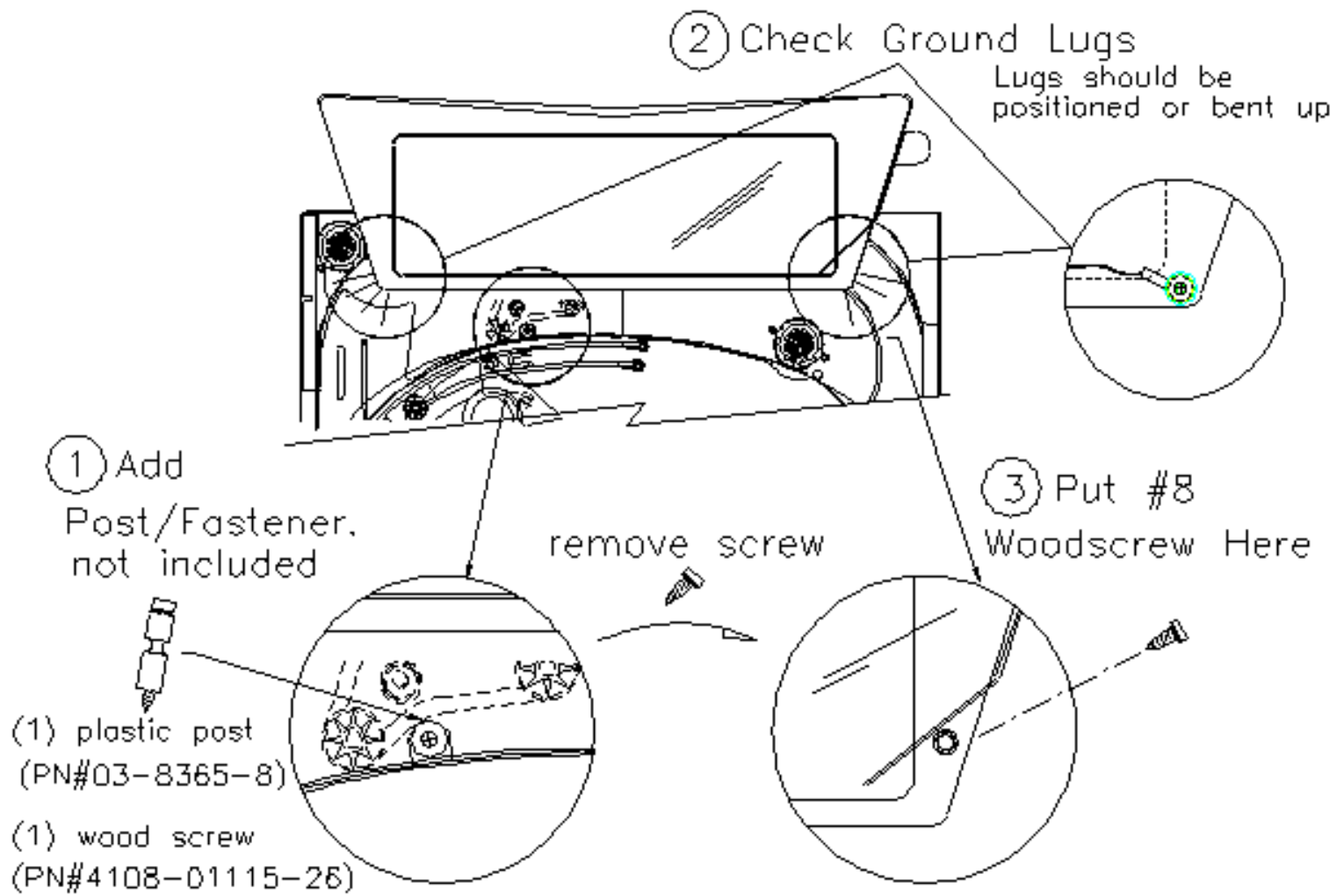
5) Change Pivot on Three Center Switch Blades

To allow the locked balls to roll off easier remove and reposition the blades from the 3 LOCK switches. Move them over to the other pivot position on the switch body.

(1-3) POSSIBLE BALL TRAP NEAR DISPLAY PANEL

On some games, the ball may become trapped on the upper plastic (1). Remove this plastic and the #8 screw holding down the ball guide. Replace it with a post (not included - p/n 03-8365-8) and a wood screw (not included - p/n 4108-01115-26). Replace plastic and tighten. Also, the ball may lodge UNDER the left and right

corners of the upper plastic. Be sure that the ground lugs are positioned UP (2).

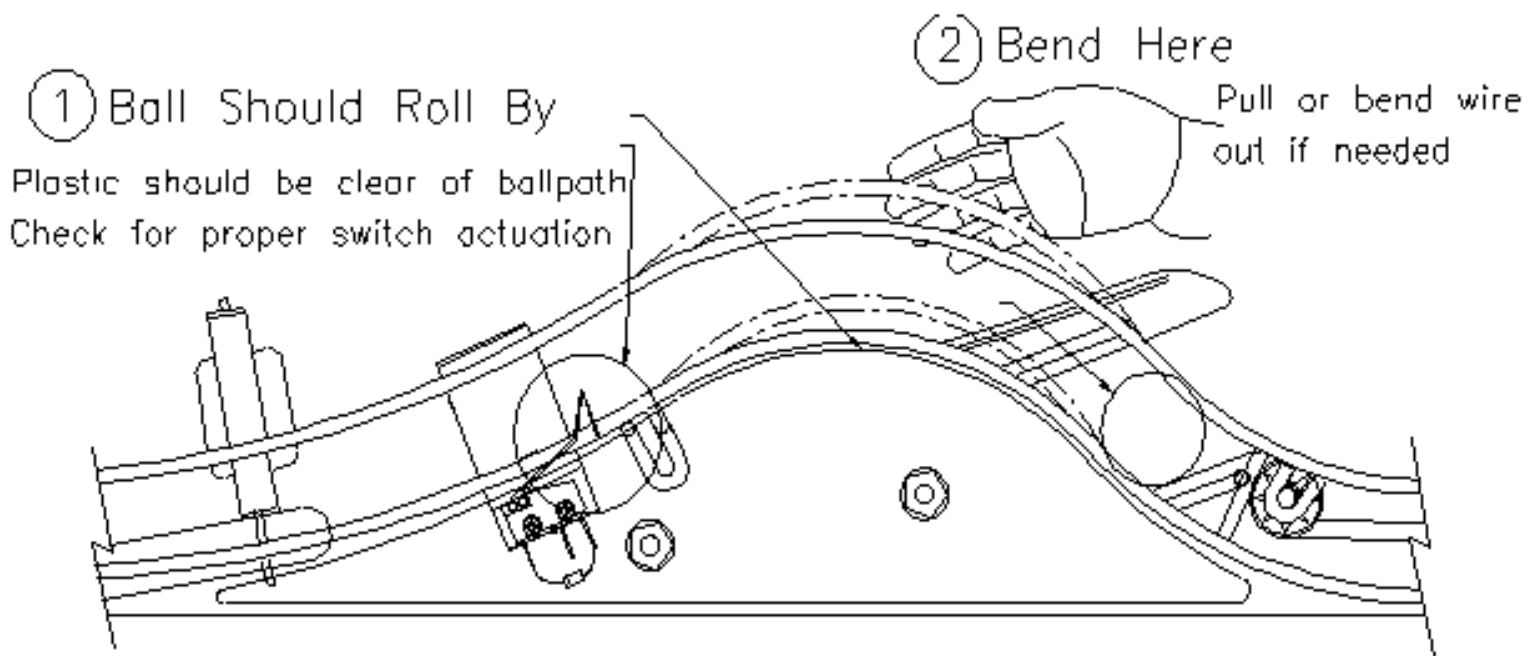


Secure Display Plastic with #8 Wood Screw.

With the leftover #8 wood screw, fasten down the display plastic under the ball guide (3).

4) BALL MAY FLY OFF LEFT WIRE RAMP (NEAR THE SWITCH AND CLEAR PLASTIC)

Check to be sure that the switch properly actuates allowing the ball to roll by. Also, be sure that the wire form bottom rails are even and that the ball glides past the clear plastic without touching it. You can bend (2) or loosen the wire form and push it out slightly if needed. See diagram below.



5) STIFF OR HARD-TO-ACTUATE LOCK SWITCHES ON CENTER WIRE (A-21851)

We recommend that you further adjust the switch tension on the three center LOCK switches (p/n 5647-12693-66). Move the switchblades over to the other pivot position. Gently use a sharp knife-edge to "pop" off the blade, and then snap it back down in the new position. See diagram below.

