



Adjusting the Candy Prize Sensor

Due to the variances in candy sizes it might be necessary to adjust your prize sensor's sensitivity in order for the crane to see when candy passing through the prize sensor. You will need a voltage meter set on DC in order to do this adjustment.

Refer to your meter's instructions to set the meter to its DC measurement with a range of 0 volts to 5 volts. Open the main access door where the main board cages are located to gain access to the prize sensor's adjustment pot and wiring. On the right side you will find a small circuit board with a four wire harness connected to it. Insert your black (ground) probe into the wire harness's 3 pin position. Insert your red (positive) probe into the wire harness's 4 pin position. Refer to the diagrams below to either increase the voltage or decrease the voltage. You should only have voltage present when the prize sensor sees a piece of candy go through or in other words is blocked. You can drop random pieces of candy through the center of the prize chute to see if the prize sensor sees each piece dropped through.

