

Adjusting Fan Control Speed To Effect Game Play And Payout

*****Setting the games payout values is only half of the adjustments controlled by the operator. When setting the desired payout percentages take note that the ideal number of tickets should be between the "500" score payout and the "800" score payout. For Example: If I have the game set at 2.00 USD game play and I want my payout to be at 35 percent I would make My "800" points score worth 75 tickets, and the "500" points score set to 40 tickets. The "1000" Point Score will not have a very large impact of the payout percentages once the fan speed is set correctly.

Step # 1

Locating the Fan control Board

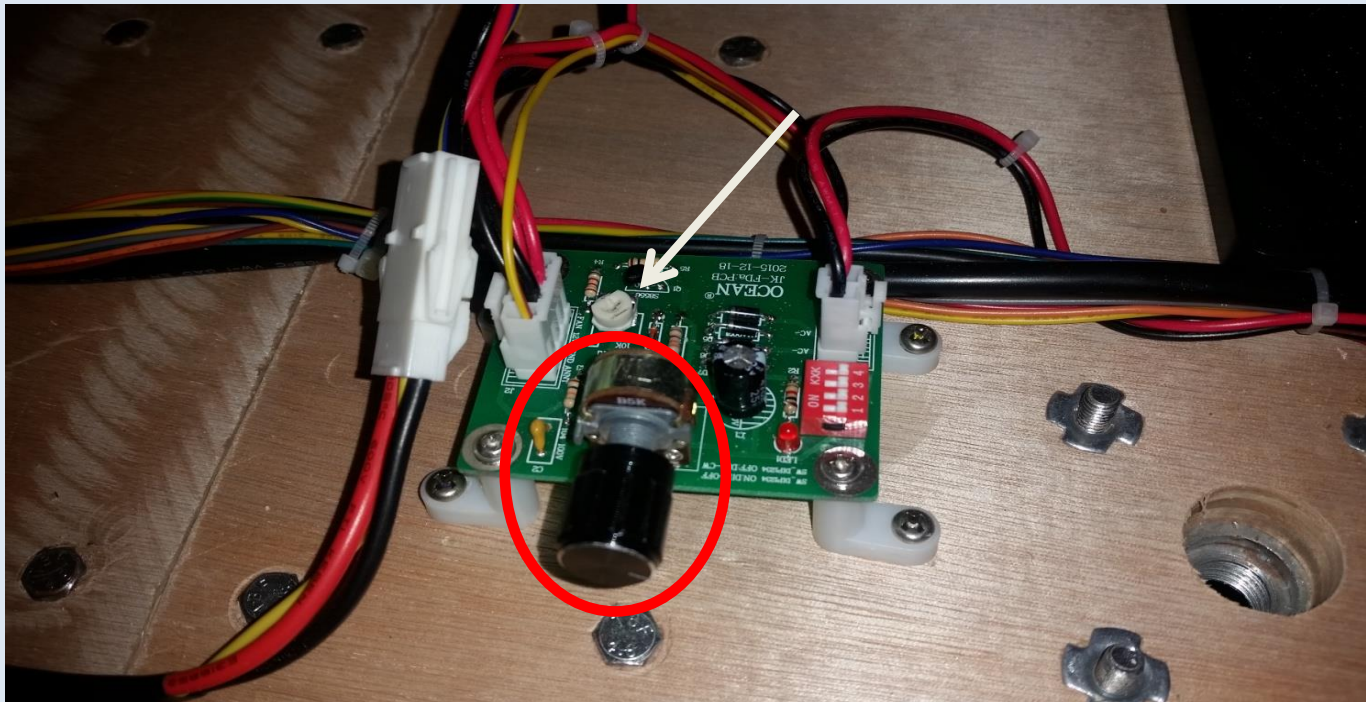
The fan control board is located on the left side of the game when facing the game. There is an access door on the left side of the game under the clear tube the "drill" moves inside.



Step # 2

Understanding the Differnet Controls

There are two different adjustments for the fan speed. One adjustment is for the "resting speed" which is set at the factory and only needed if there is a change of blower motors. This adjustment is to match the boards output to match the internal resistance found in each Blower motor. This adjustment is made with the White Pot (Gray pointer) switch on the board. The second adjustment is the Players output speed and that is changed with the larger dial on the side of the board shown in the Red circle.

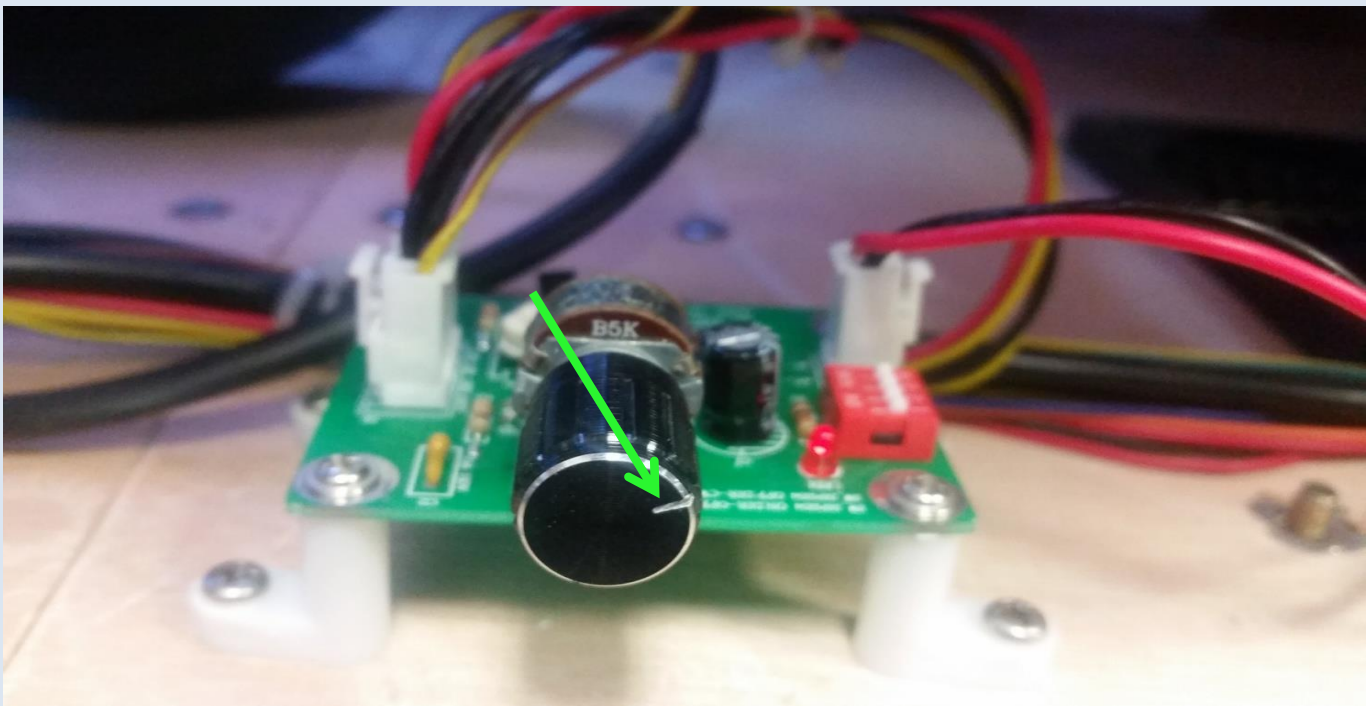
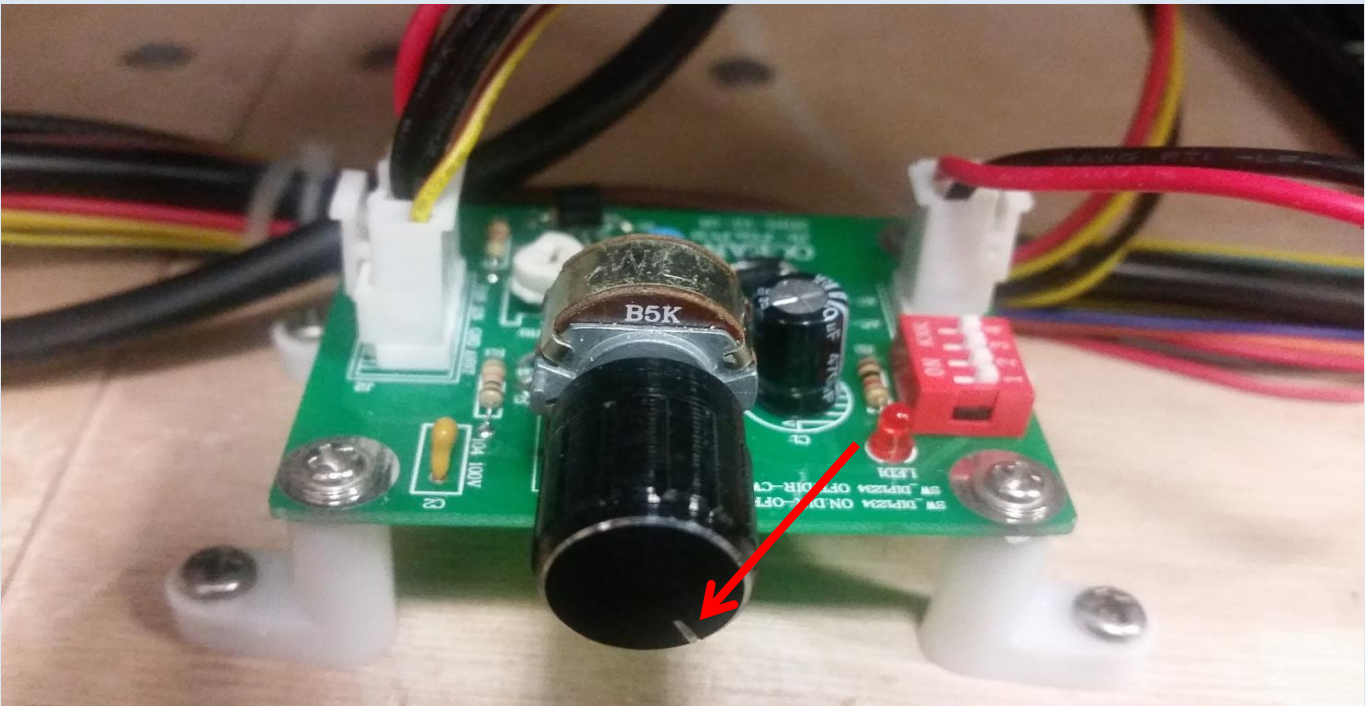


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Step # 3

Adjusting The Players Input Fan Speed

To adjust the players Input Fan Speed you will move the control knob counter clockwise to decrease the fan speed and clockwise to increase the speed. For Example: If your payout is too high for the location you will turn the knob counter clockwise to require more effort from the player to rise the disc. To show this you can see the Pictures to the Right. The Fan board on the top is set at the highest setting and game play is very easy for the player, while the fan board on the bottom is set properly and game play is still fun but requires alot more effort from the player and helps control payout numbers.



Step # 4

Testing the Player Input Speed

After making small adjustments to the player input knob, test the game. The puck should be between the "600" and "800" points scored at the end of game play. Play the game several times to make sure that the player can make it to the "800" point score but not to the "1000" point score. This will insure that your average payout is correct and the chance of a large payout is low.

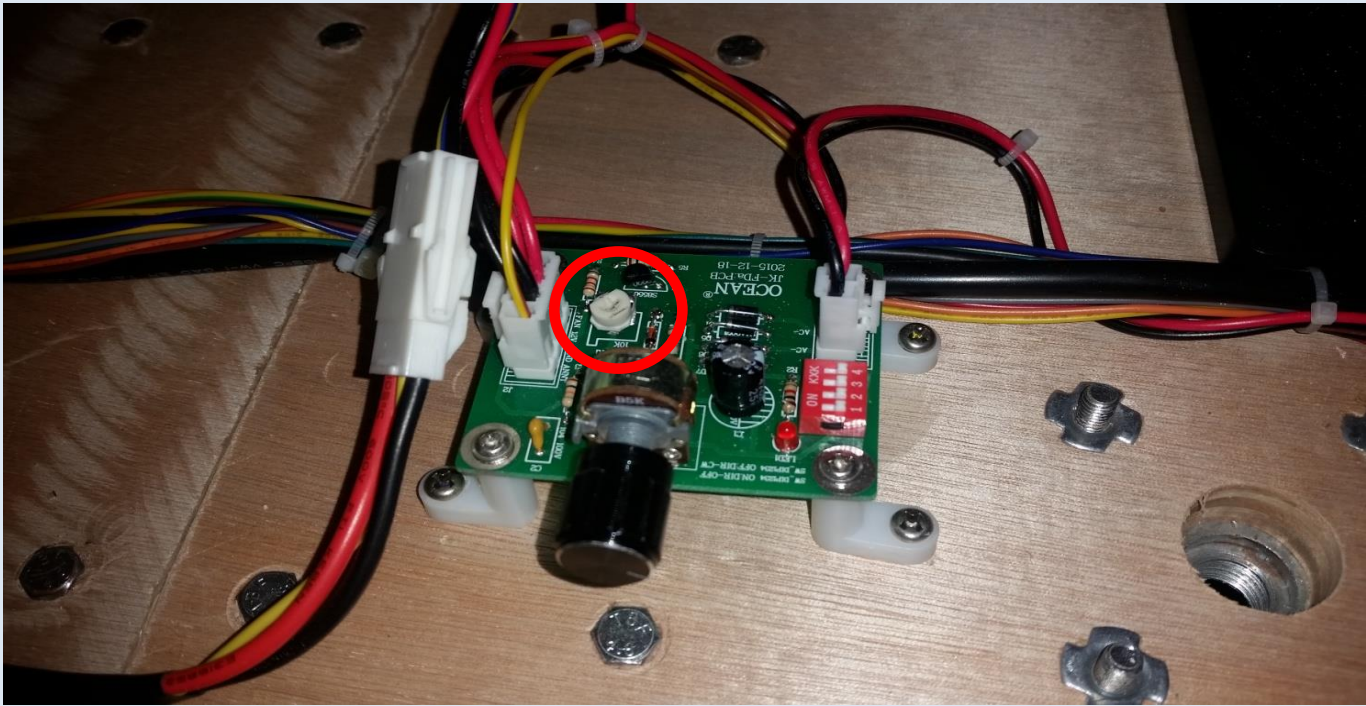


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Step # 5

Adjusting the White POT Switch

NOTE: This should only be done if the Fan or control board has been changed. This is very sensitive and should only been done in small increments. After you install a new board or blower fan you may need to adjust the White Pot switch. Turnign the POT counter clockwise will lower the POT's resistance while clockwise will increase the resistance. The idea is to match the internal resistance in the Blower fan with the resistance of the POT switch.



Step # 6

Adjusting the White POT Switch

The White POT switch should be close to the posistion in the picture. Please note the flat edge of the POT switch in conjunction with the 4 pin Molex wire connection. From this position you should be able to make small adjustments to the POT switch for your specific game.



Step # 1

Continuing Adjustment For Your Location

After testing the game thoroughly, check on payout precentage over the next week and adjust the player input speed knob as needed to get the perfect adjustment for your location and players.