

The Definitive Wii POT Screw Guide

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1. Open up your Wii and get it down to just the DVD-Rom (just follow one of the many GREAT walk-throughs on dis-assembling your Wii to put in a modchip. Once you are down to the drive (Just before you would put your chip on if your following a guide), my guide starts here.

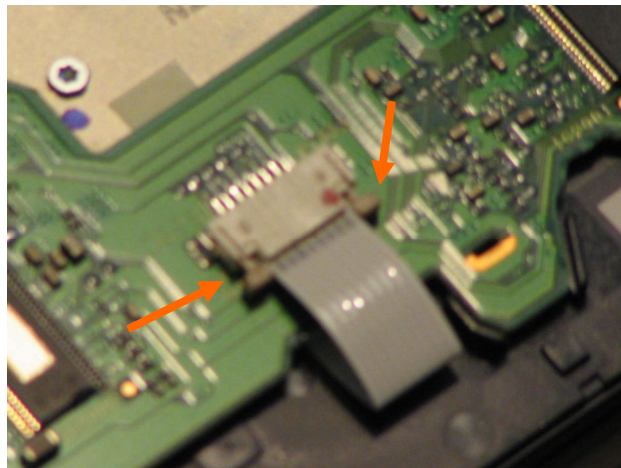
You will need a set of small Phillips screwdrivers (If you got the Wii open, you already have these), and you will need a multimeter with a very fine tip, because you will be working in a space smaller than your pinky nail.



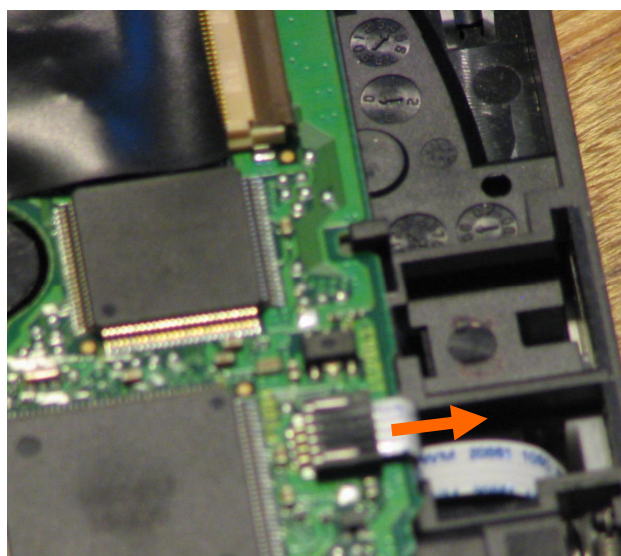
This is the DVD-Rom Drive, there are some cables already disconnected, but this is it, setting in the correct position to start.

2. There are 3 cables to unplug on this board (the one where your modchip is soldered to.).

The first one is here, The brown piece below the cable is what pops out to allow the cable to be released. This picture shows it open, both sides are pulled back a little if you notice. When you put it back, then you insert the cable with the brown piece completely out like in the pic, and then click in the sides.



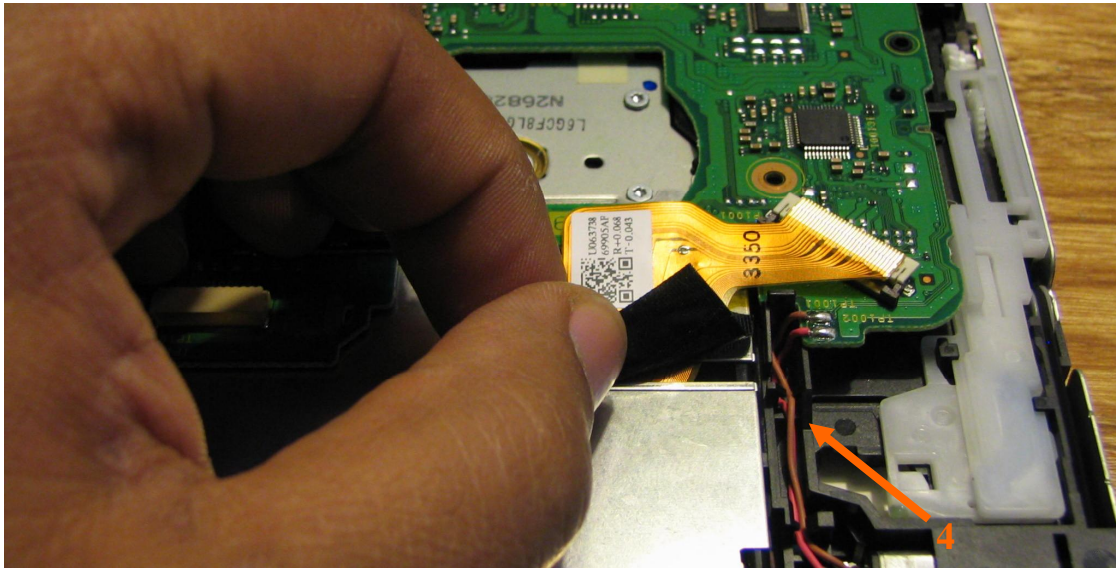
The second one is here, and it just pulls straight out. However, you have to be careful, if you crumple it and it isn't hard anymore, it will be difficult to get back in. The easiest way to do this is to get some slack so the cable is sticking straight back out of the connector, and gently wiggle it side to side as you pull it out. It just sticks straight back in all the way.



This last cable seems to be the flimsiest and most delicate. It has the same brown and beige connector as the first cable, and it works exactly the same. You might want to take the black tape off first, if it makes it easier, just be sure not to pull on the cable too much, that is why the tape is there, to make sure it doesn't get yanked out. Be sure to check how deep this cable is in the connector and get it back exactly the same.

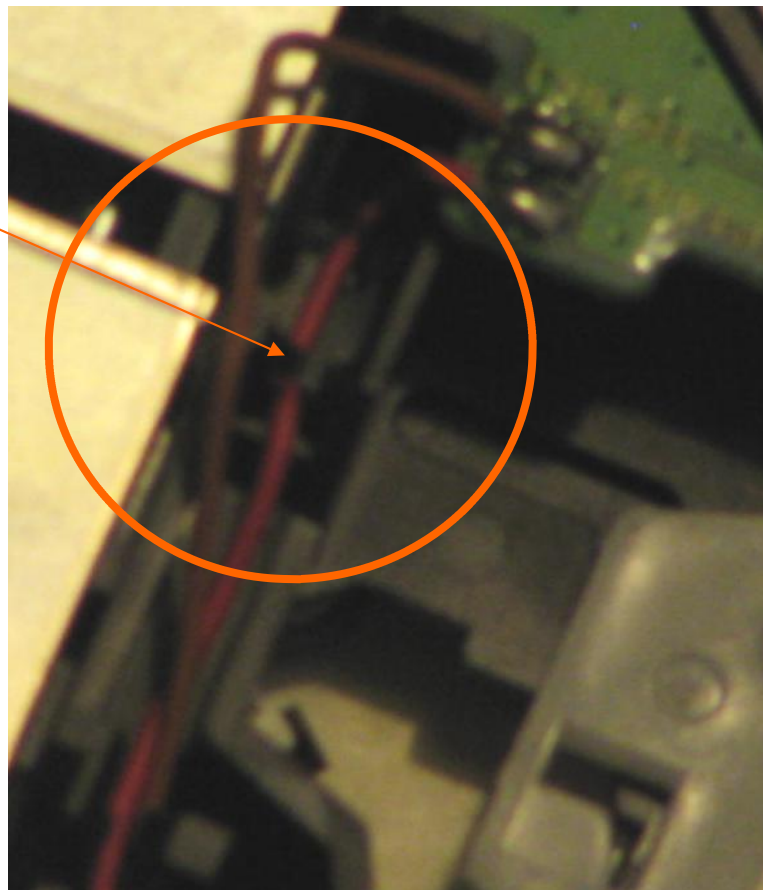


3. If you didn't already, be sure to peel the black tape off the cable. I didn't actually remove the tape, I peeled it off everything but the cable, so I would have a basis to put it back exactly like I put it on, but you can safely remove the tape for now if you want. Just be sure to put it back.



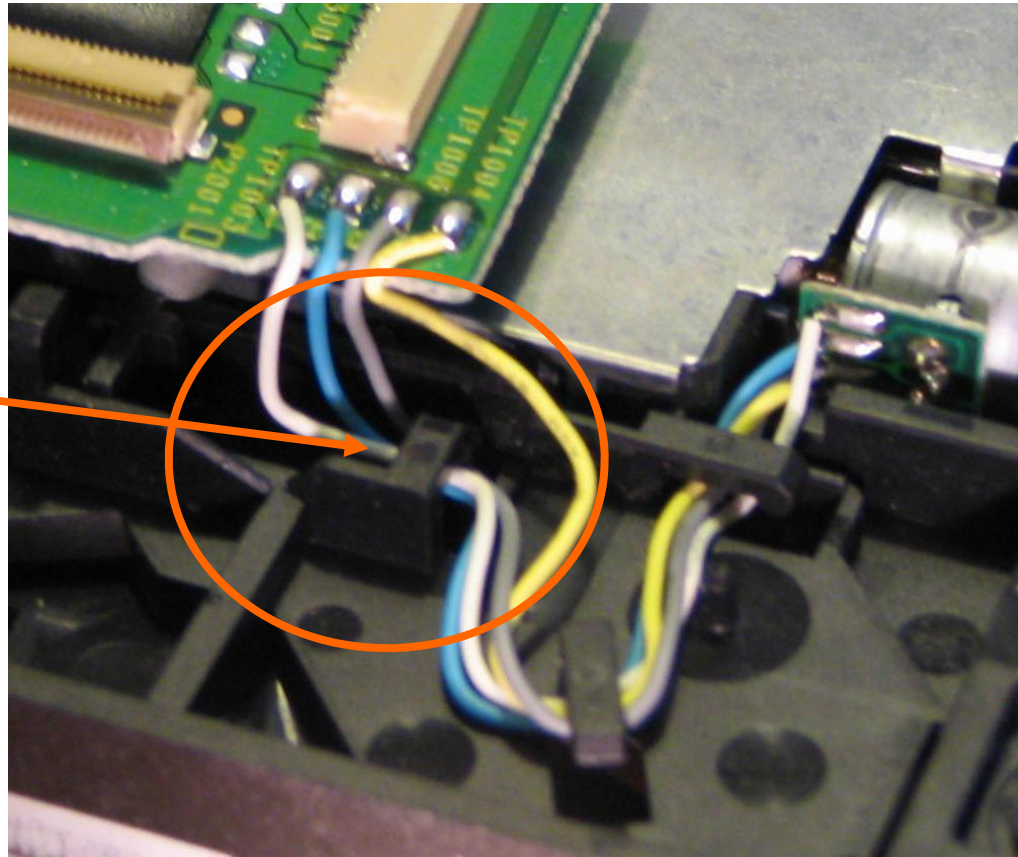
4. Now, GENTLY pop these 2 cables out of the little hook spots that hold them in. I used a tiny flathead screwdriver, aligned the first cable under the opening, and gently pushed up with the screwdriver, then the same with the second cable. You are being careful here because both ends of this cable are loosely soldered to their respective ends, and there is nothing to stop you from pulling them off.

This is the gap you pop the cables out through.



5. Same thing with the other spot with 4 cables, they are locked in with a hook, and you need to use a screwdriver to slide them out ONE BY ONE.

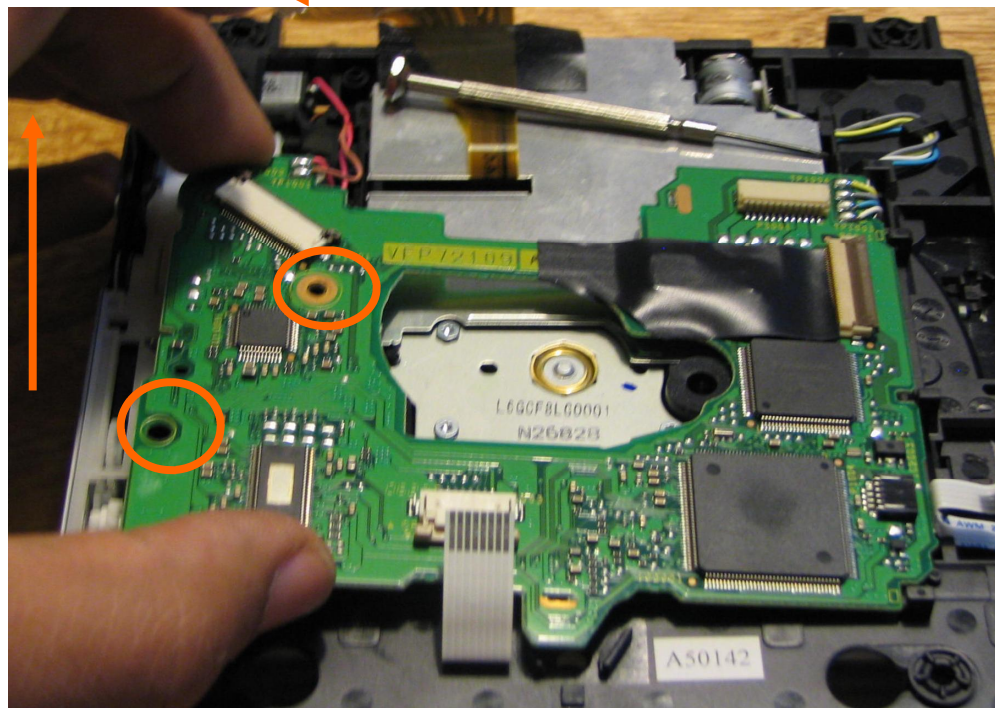
This is the hook you have to get the cables out of.



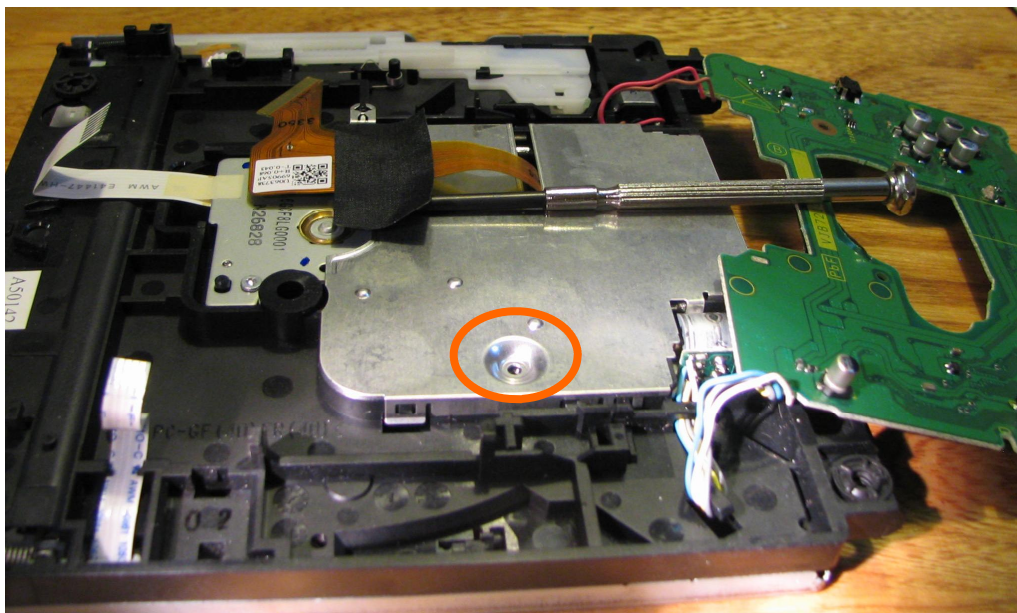
6. Remove the 2 screws holding this board down (circled below). Now, you can lift this board out by lifting up and sliding slightly to the right, then just fold it back over where the screwdriver is, we just need to move this board out of the way.

Lift up and slide Right to release

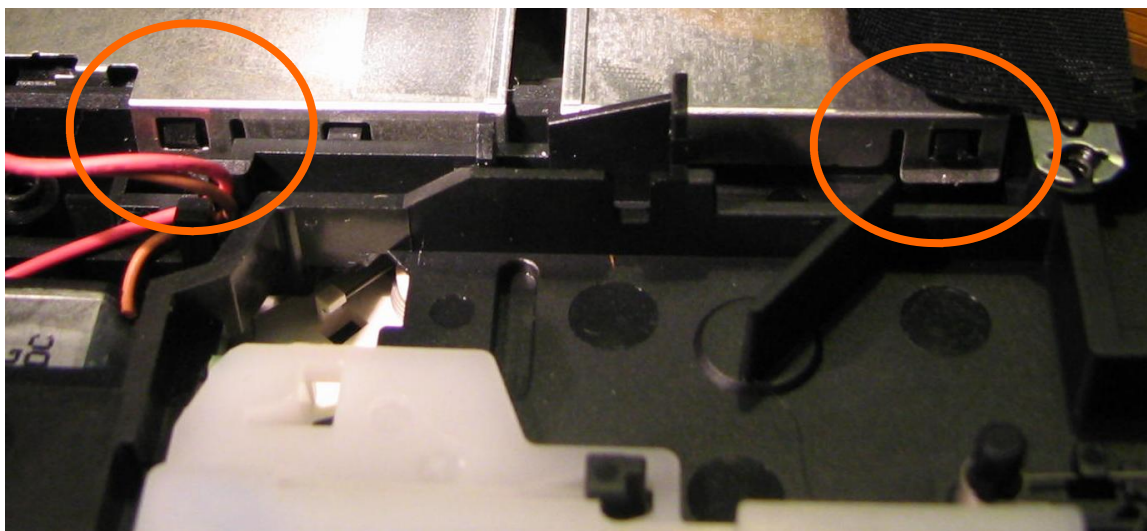
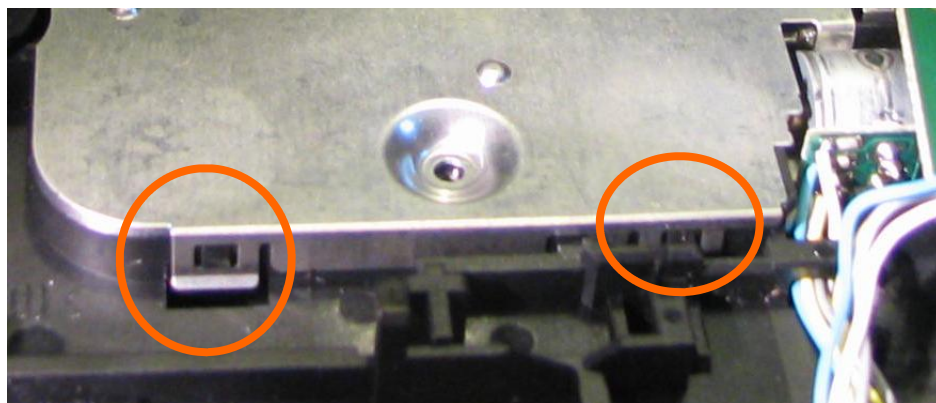
Then flip over back this way to move it out of the way



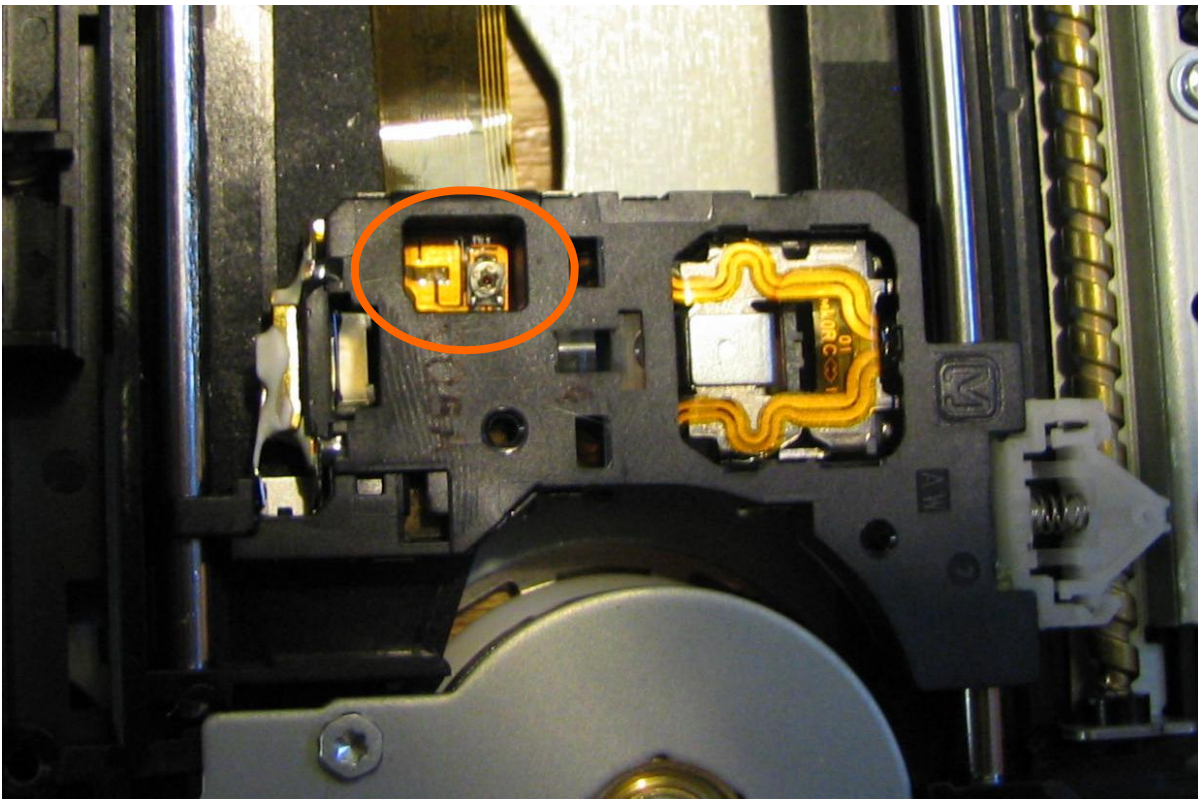
This is what you should now have in front of you.



7. Remove the 1 screw on the metal plate. Now, pop loose the 4 tabs that hold the metal plate in place GENTLY. DO NOT BEND THE PLATE. One more time: DO NOT BEND THE PLATE. There are 2 tabs on each side. Just flick the metal tabs back over the plastic clip, and it should pop up.

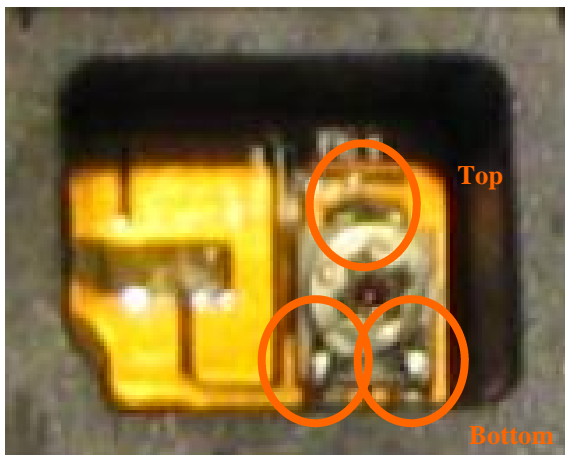


There it is. The POT. Now, to adjust it...



8. Measure the POT and adjust it to tune your Wii. Counterclockwise turns it down, and clockwise turns it up. You will be turning counterclockwise. **DO NOT TURN IT UNTIL YOU SUCCESSFULLY MEASURE IT. THERE IS NO POINT IN ADJUSTING IT WITHOUT KNOWING WHAT YOU ARE DOING.**

Turn your multimeter to Ohms (the Omega symbol) at 2000, not 2000k, just regular 2000, because the Wii will measure in the 600-900 range, so 2000 will be fine. You will poke one end of the multimeter on the top, and one end on the bottom. There are 2 pins on the bottom, and only one on the top. **IT DOES NOT MATTER WHICH BOTTOM ONE YOU USE.** If you haven't done this before, what you are trying to do is poke only the little shiny dots on the ends of the POT with the tip of you multimeter. It should give you a reading, probably between 750 and 900. If you get any kind of weird numbers not even close to that range, you aren't doing it right or are not making a good contact. Don't stab a hole through the cable beneath the POT either. After you get the reading, turn it counterclockwise a TINY BIT. Almost not enough to tell you moved it. I mean a quarter of a quarter of a quarter of a turn. Then measure it again and repeat until you get to about 600 (that is what I've read is a good number, that's what I adjusted mine to, and it reads even poor quality DVDs well now.



Follow these steps backwards to put
it together. It should work great
now! Your Welcome!