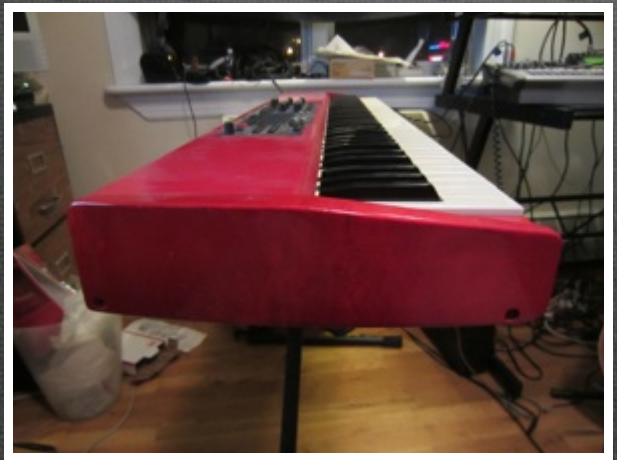
FIXING A DEAD KEY ON A NORD ELECTRO 2 (73)

My Nord Electro 2 73 got rained on, and fortunately the only lasting issue I had with it was that my Bb key was totally dead. I wasn't sure if it was due to the rain, or due to the quarters that the kid had stuck in the slots. Fun!

So, after checking out this page: http://www.proaudioe.com/pages/nord-tech-support-usa/keybeds.php I got the courage to open it up and see if I could fix it.

It took much more disassembling than I was expecting, but it ended up being quite easy, and I documented the process.

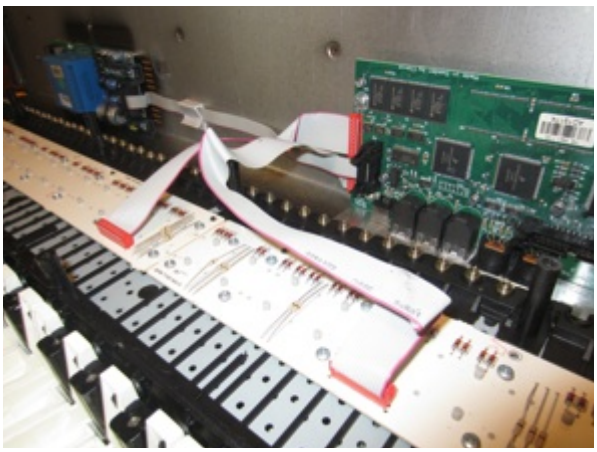
First, remove the screws along the back, and the wooden sides.



There are two on the bottom as well, that aren't really obvious:

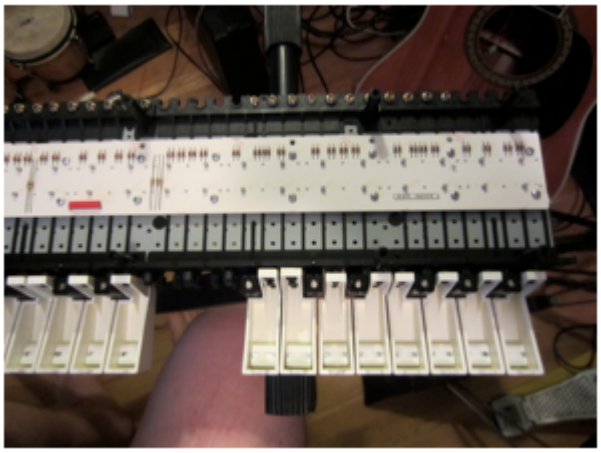
Careful, because once you remove those two, the entire red metal top with the controls, etc, will now come loose. If you disconnect the ribbon cable, you can set it aside. Do not worry about the keys, as they are pretty well attached to the bottom.

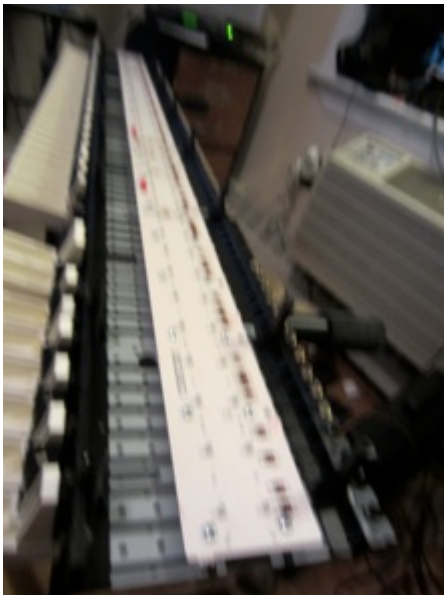
I realized at this point that I was going to have to take the whole keybed apart from the bottom black metal frame. This is done by removed those 12 or so screws on the bottom.

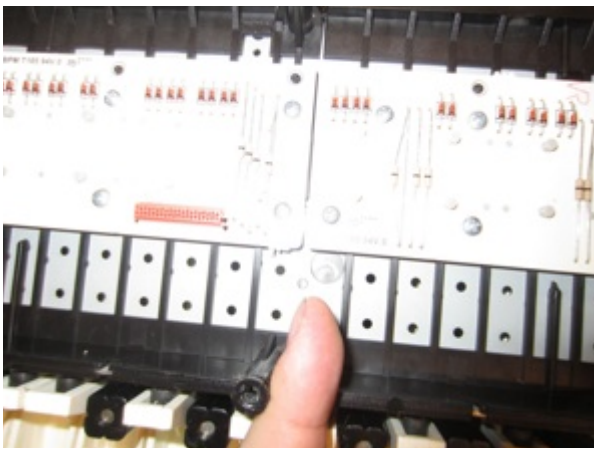


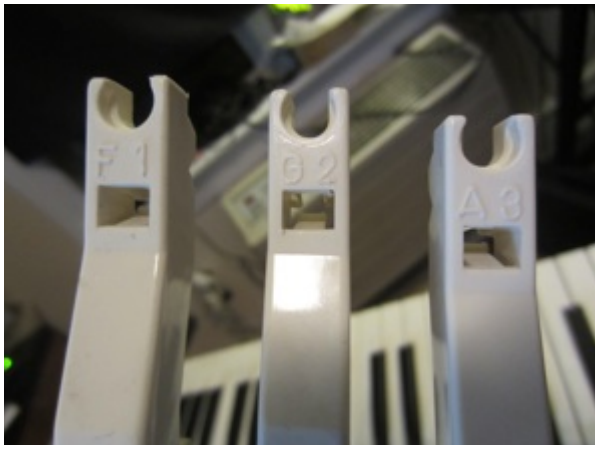
Removing those two ribbon cables allows you to set aside the black metal bottom, leaving only the keybed Here are some pics of the keybed, and some of the keys themselves. It turns

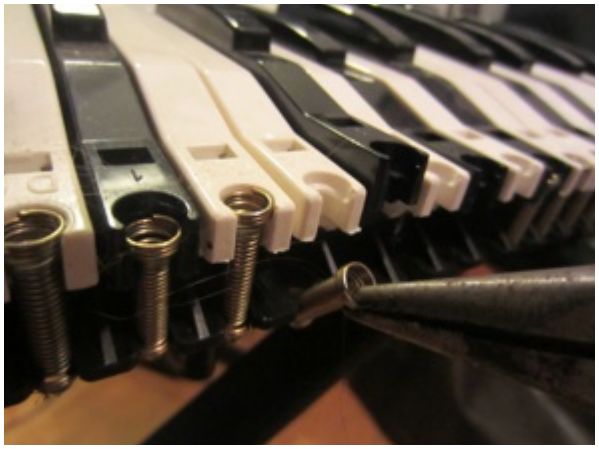
out that you don't need to remove any of them anyway, but they are easy to remove and put back in. They are also labelled nicely.



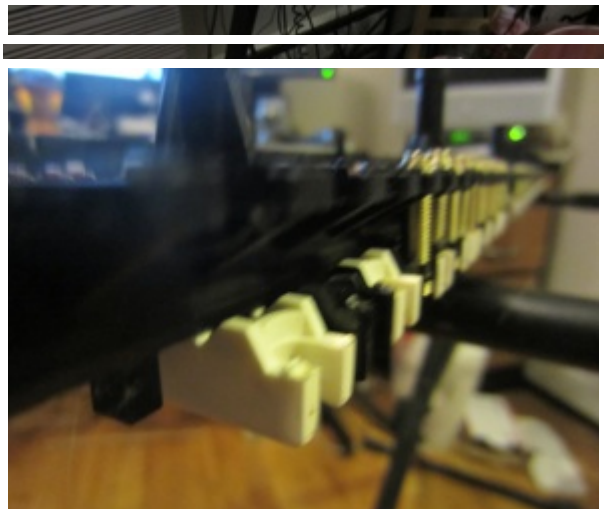




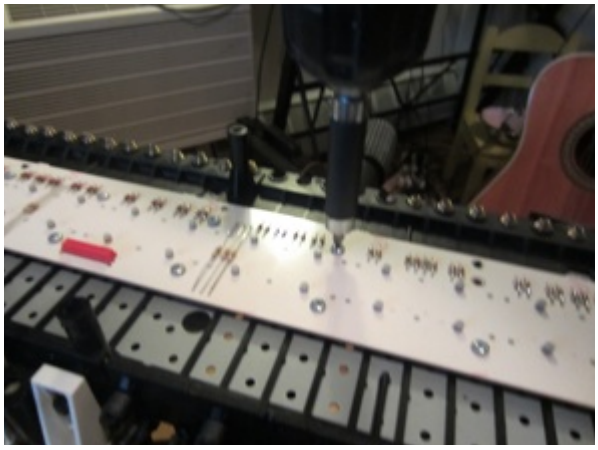




To remove a key, remove the spring, then gently pull up and you will feel it click letting go. Then pull it forward and away. Replacing is the reverse of this. But, to fix the key contact, this is all unnecessary.

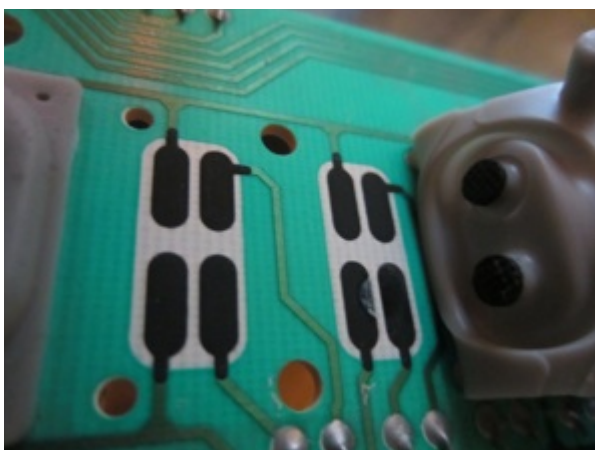
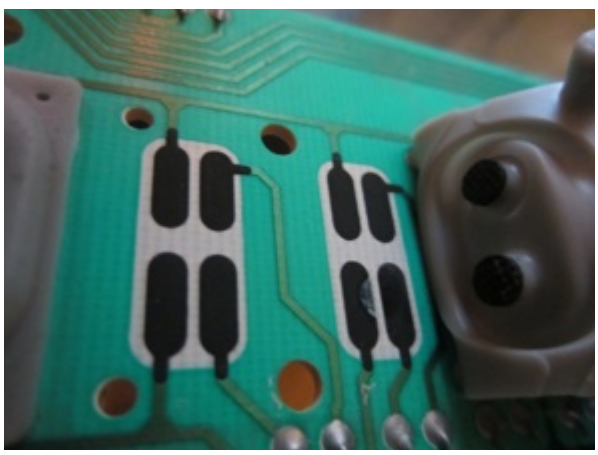


So, now we have to remove the circuit board looking thing on the bottom of the keys. There are two circuit boards, and fortunately I only had to remove the smaller of the two. It looks like they are split where the keyboard splits between sounds.

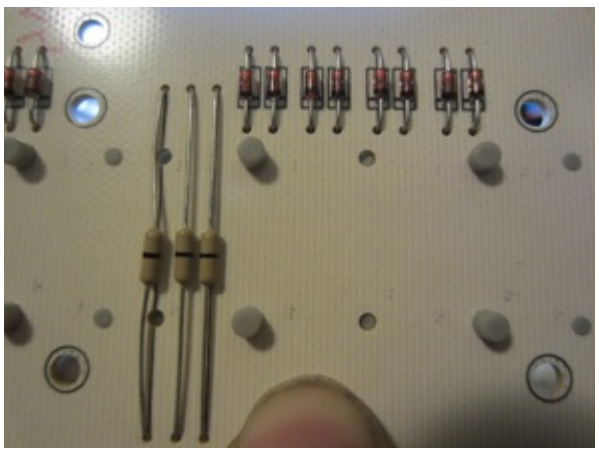


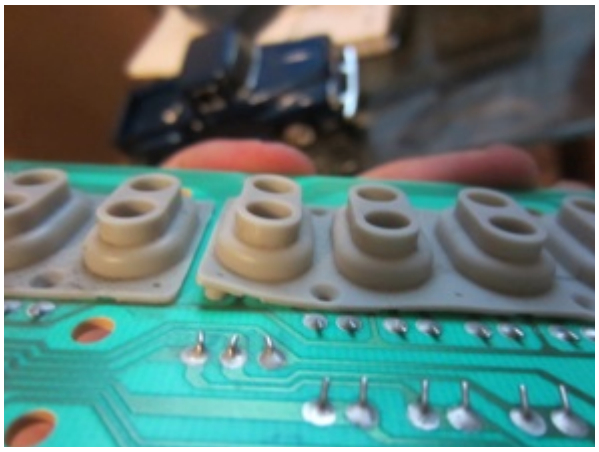
Almost done! Under those rubber key contacts are the sensors. Gently pull it back. They are held to the board by little rubber feet.

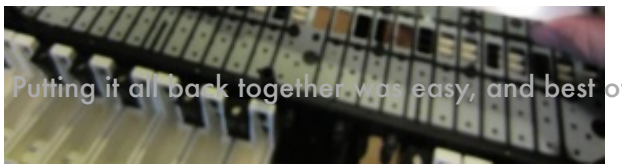


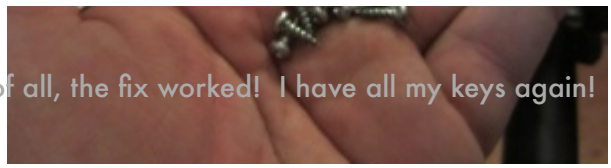



There's the dirt that was causing the key not to work! A little alcohol on a QTip cleaned it up nicely. It took some massaging to get the rubber keys completely back where they needed to, with the feet snugly in their holes, and flush to the circuit board.







Putting it all back together was easy, and best of all, the fix worked! I have all my keys again!