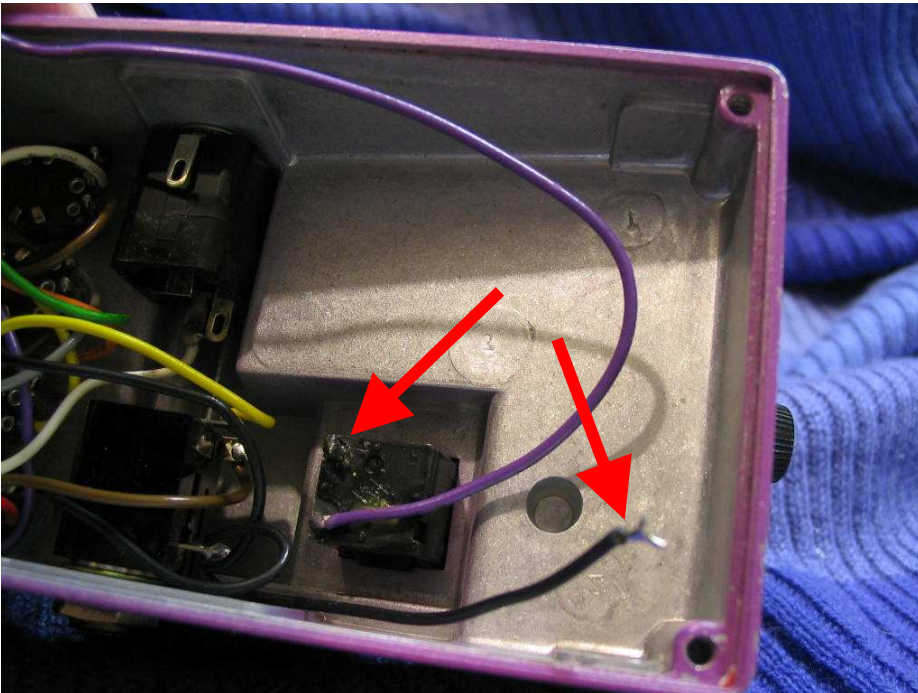
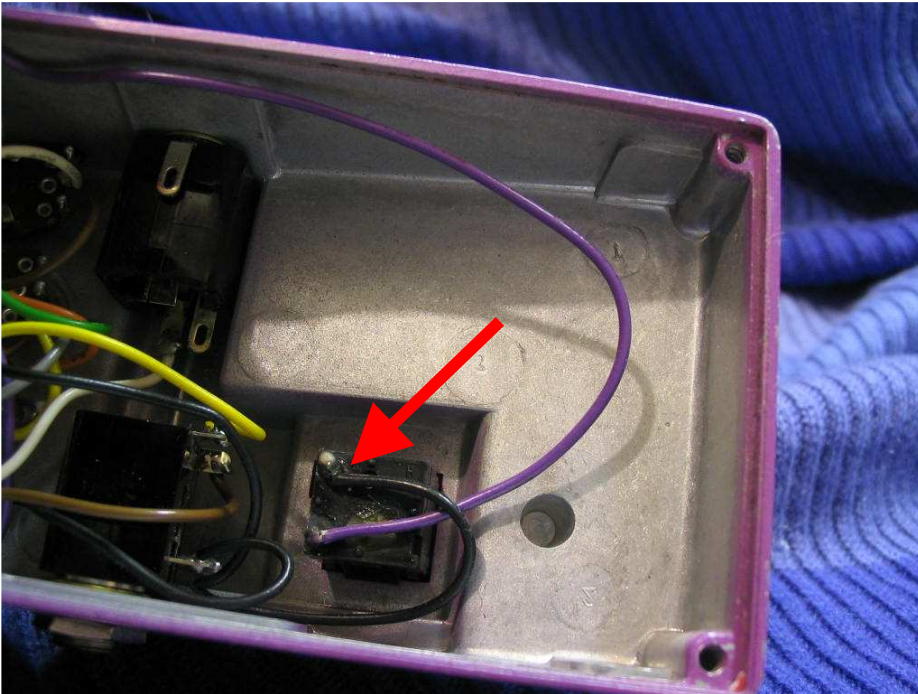


How to clean a Boss switch

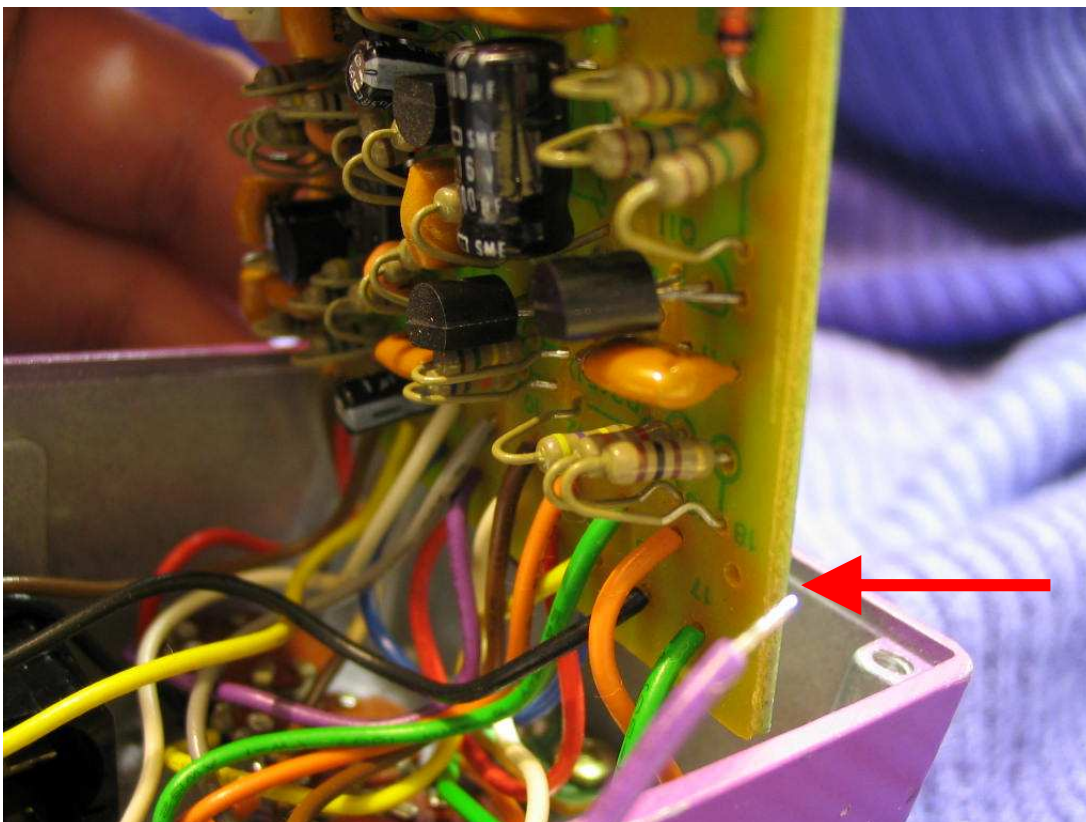
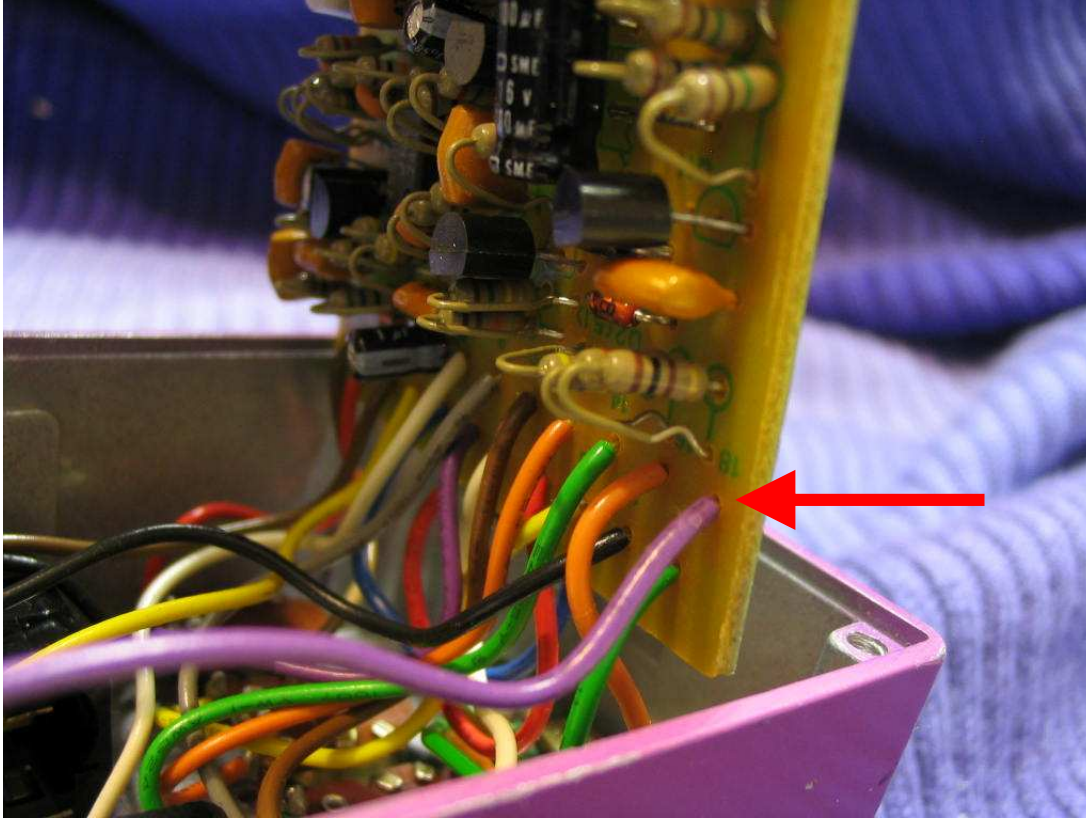
First things first... this information is provided with NO WARRANTY of any sort. It is your hands on your pedal, so anything that happens (good or bad) is a result of your actions, not these instructions.

Step #1 - Remove the switch from the pedal.

Desolder the black wire



Desolder the purple wire from the board (where it connects on your pedal may vary – pic is for a BF-2)



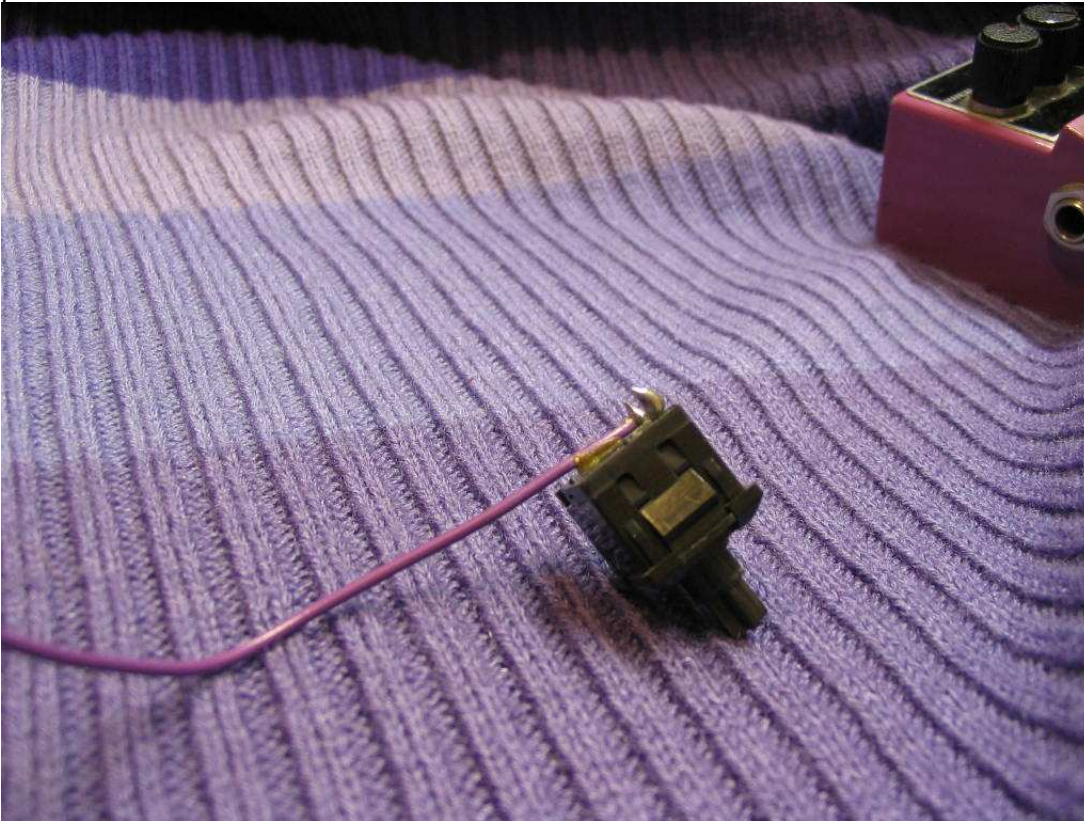
Squeeze the “snaps” on the switch with a pair of needle nose pliers (or your fingers) to release the switch... gently! Note that the pedal in the pic does not have a battery snap. If it did, the snap wires would come out the slot above the switch.



When the switch is released, pull it gently out of the pedal

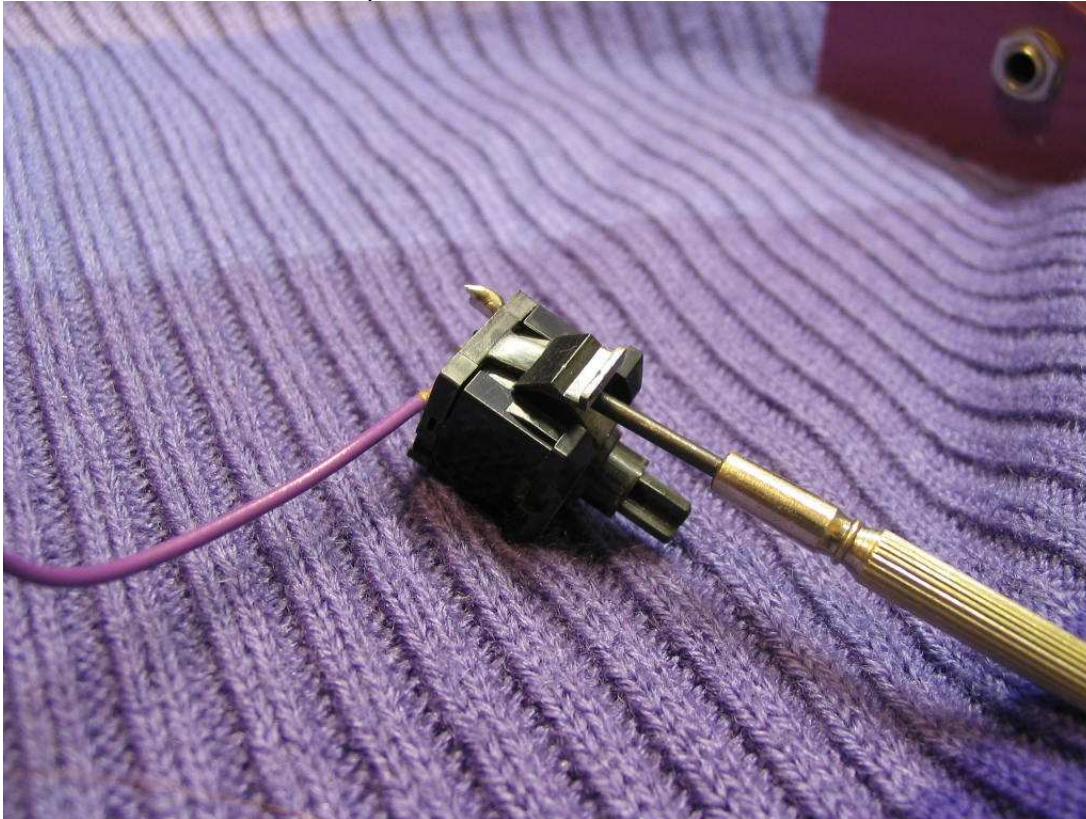


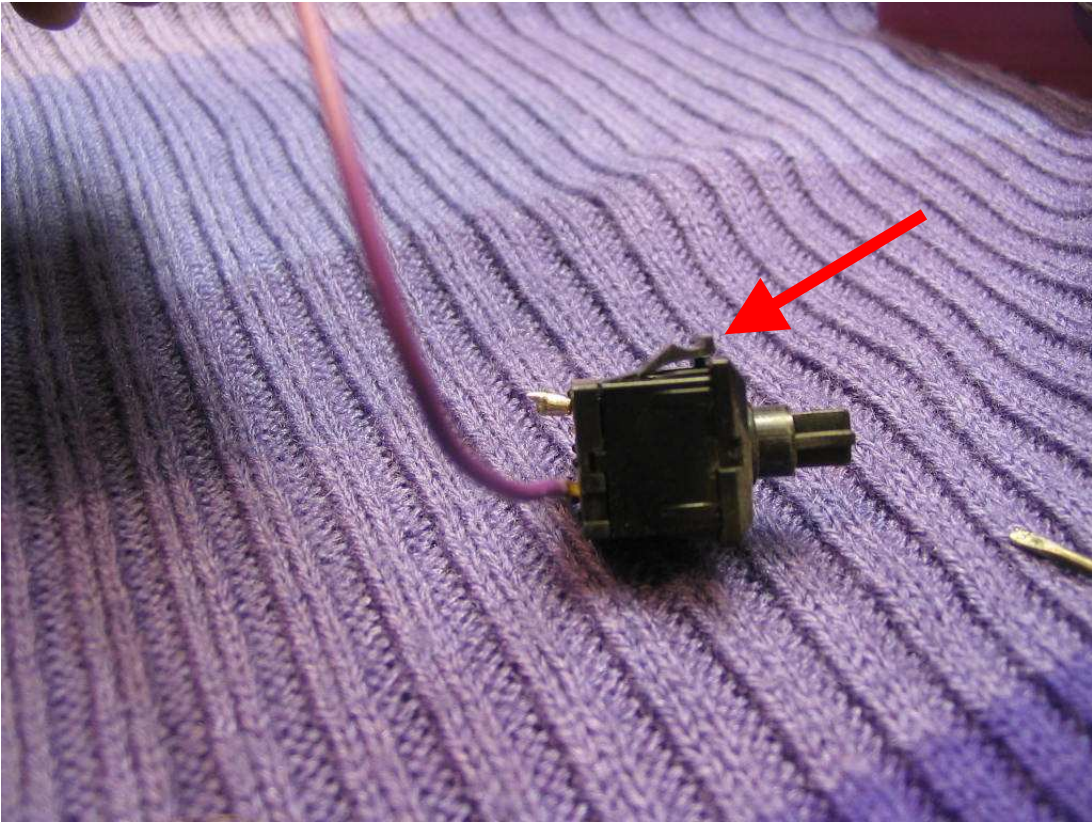
If it is completely covered in dust/crap, give it a gentle clean with a dry rag or clean paintbrush at this point.



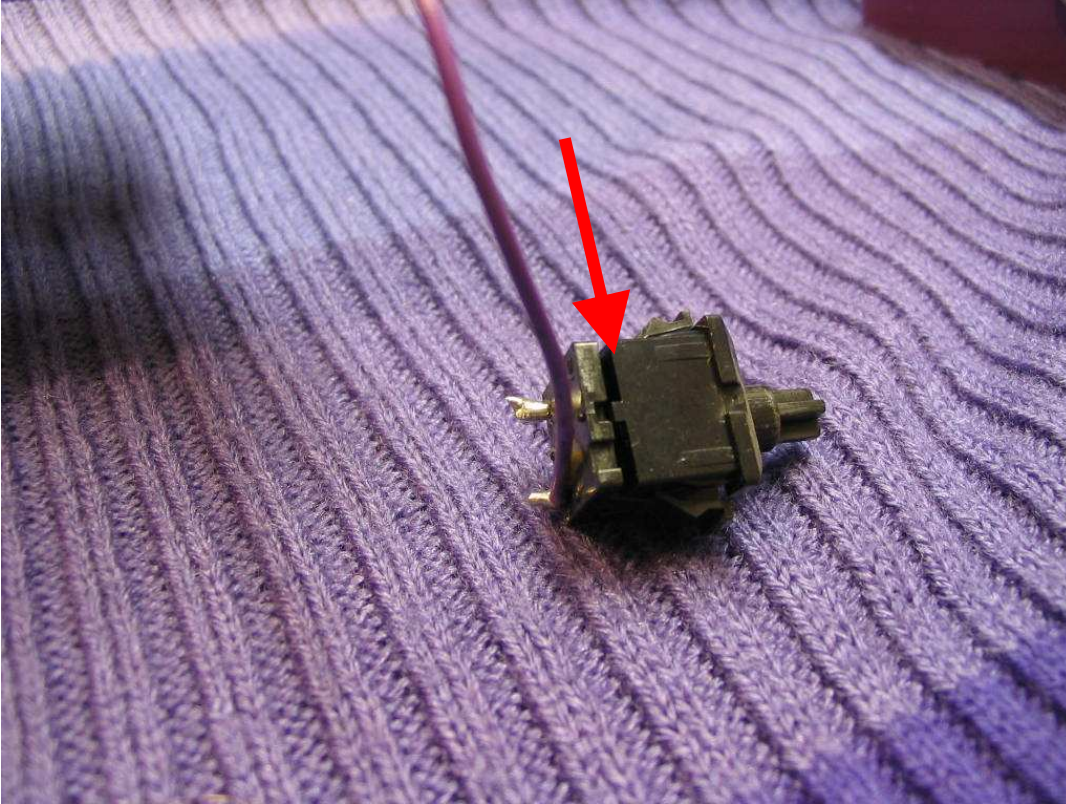
Step #2 – dismantle the switch

Insert a small flat blade screw driver under the “snap” on one side of the pedal. Gently lever the snap up until it clears the side of the pedal and releases.

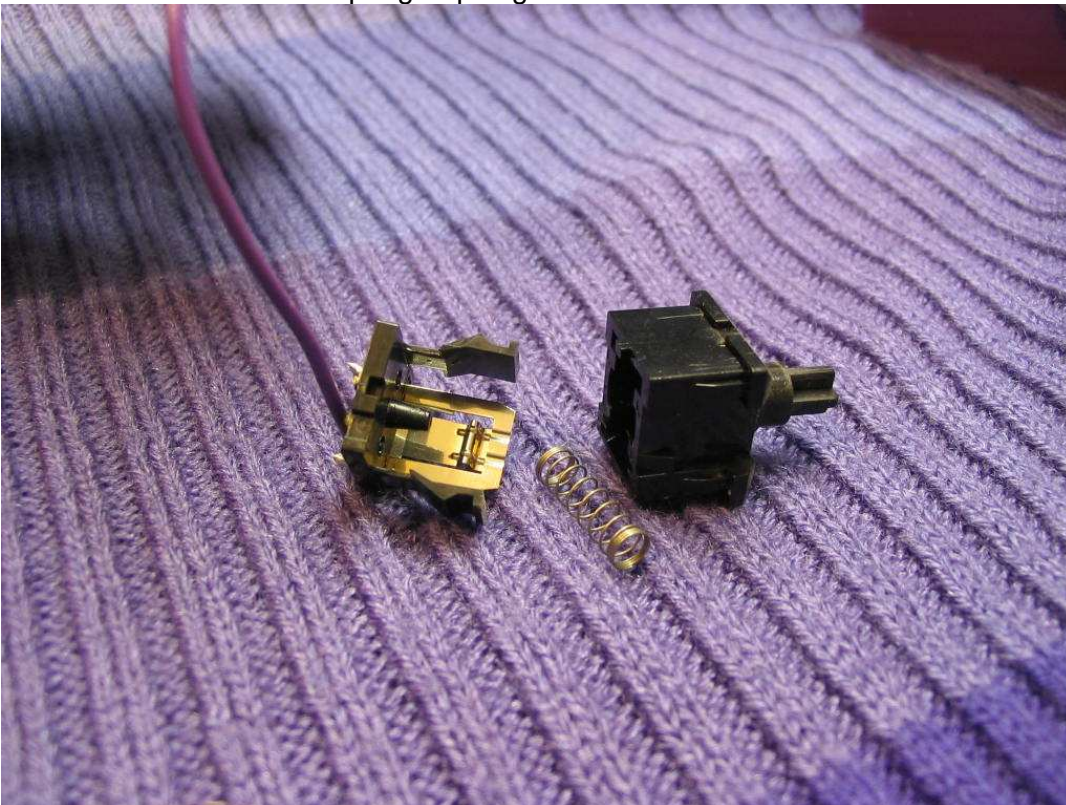




Repeat for the other side, and the two halves of the switch will separate.



Be careful not to lose the spring or plunger!

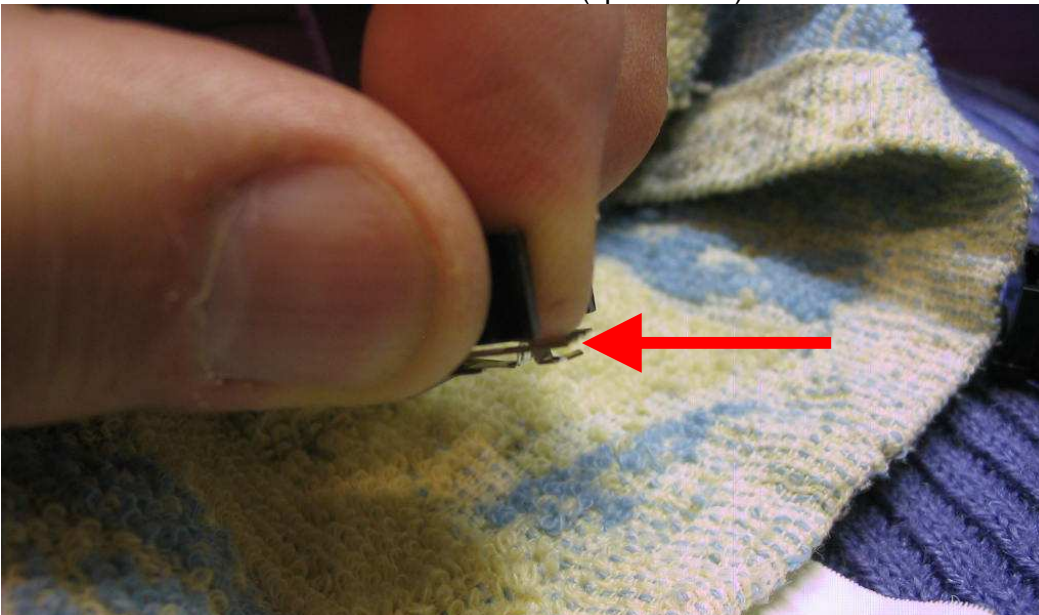


Step #3 – lubricate the switch.

Use contact cleaner for this step – please do not use anything but electronic contact cleaner! Using a “penetrating oil” or “dewaterer” may make things worse. At DingoTone we use a product called “*Super Contact Cleaner with Poly Phenyl Ether*” from a company called MG Chemicals.



VERY carefully and gently, use a fingertip to open the switch contacts. Be careful to not touch the actual metal that meets to make the switch contact (tip of arrow).



Carefully spray the contact cleaner onto the open switch contacts.



The switch should be wet from the contact cleaner.

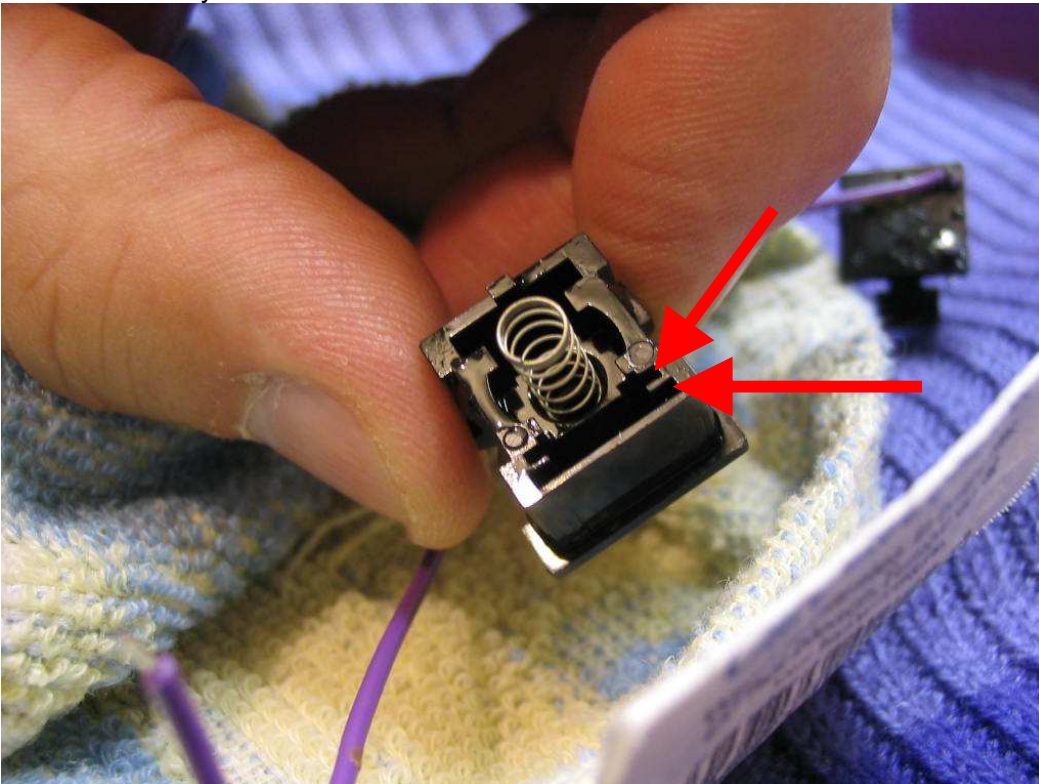


Use a couple of drops of the contact cleaner to lubricate the plunger.

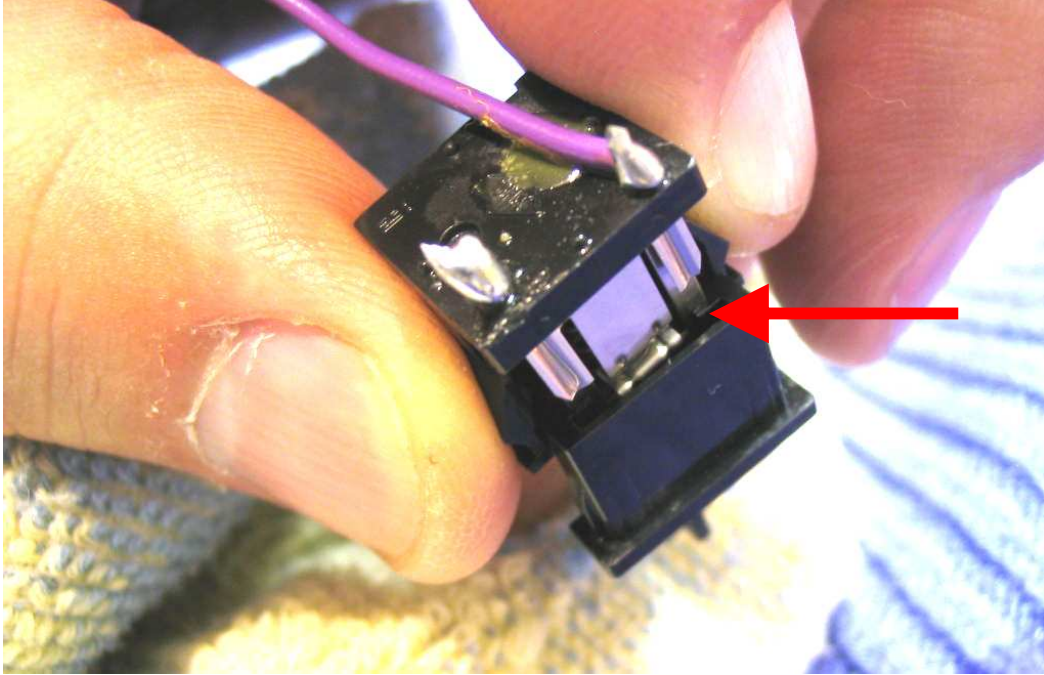


Step #4 – reassemble

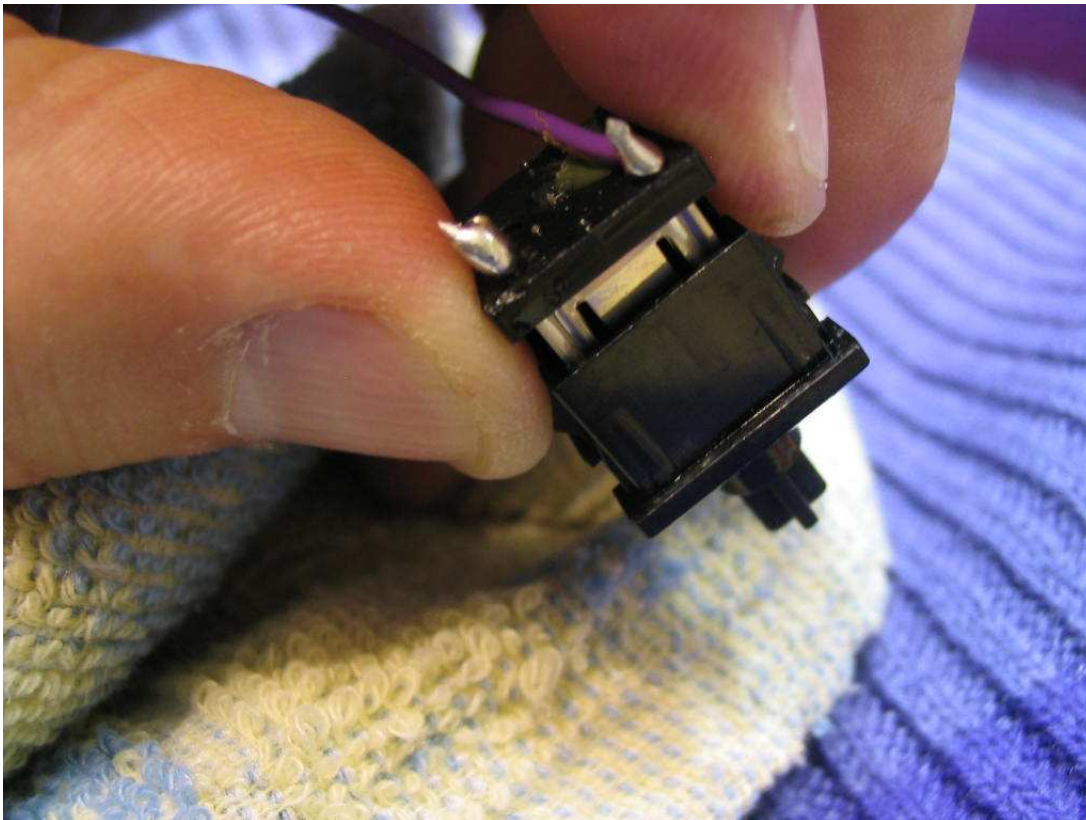
Put the spring back in the plunger. Note the side of the housing with the two slots – this is where the switch assembly slides in.



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GENTLY slide the assembly into the housing. The longest part of the assembly goes in the slot closest to the spring (it's a bit hard to see on the pic below, but there is really only one way it will go).



You will need to wriggle and adjust the two prongs that the wires solder to, to get them into the outside slot.



Once you have it as far as the pic above, just gently push it all the way together. At the end, the two snaps will “snap” back into place.



Step #5 – reinsert and solder

Snap the switch back into the pedal. The solder lugs go toward the knobs.

Solder the wires back.

=====o00 **DONE** 00o=====

If the cleaning fails, or the switch is physically broken, I usually just replace it. These are a direct replacement: <http://www.smallbearelec.com/Detail.bok?no=36>

Note: I am not affiliated with Small Bear, they just have useful stuff and I buy from them regularly.