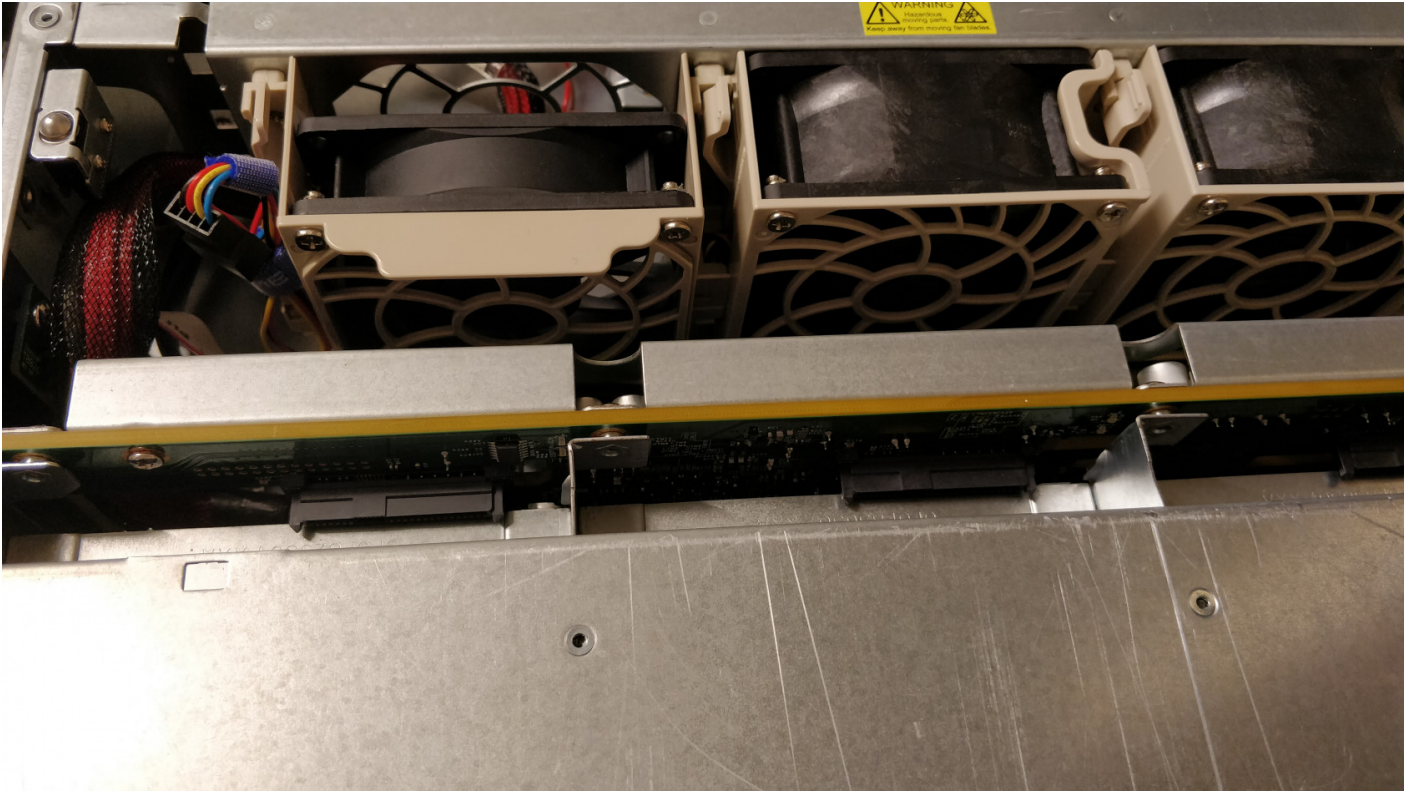


Fan modification



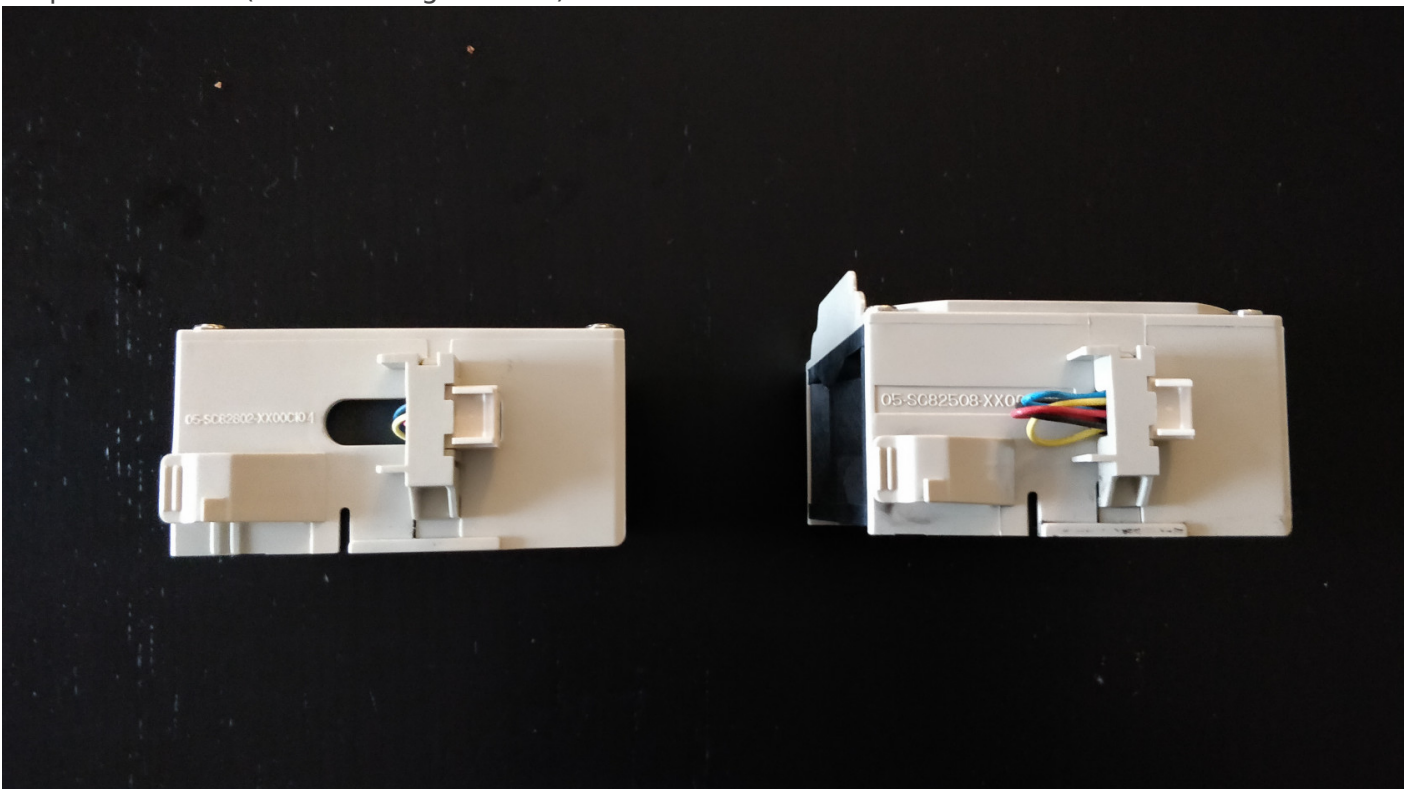
Introduction

This is a guide that shows you a way how you can change the fans in your supermicro CSE876 case. There are multiple versions of 80 * 80 fan cases available some are easier to use for this modification than others. In the next section I will introduce two fan case variations.

Fan cases

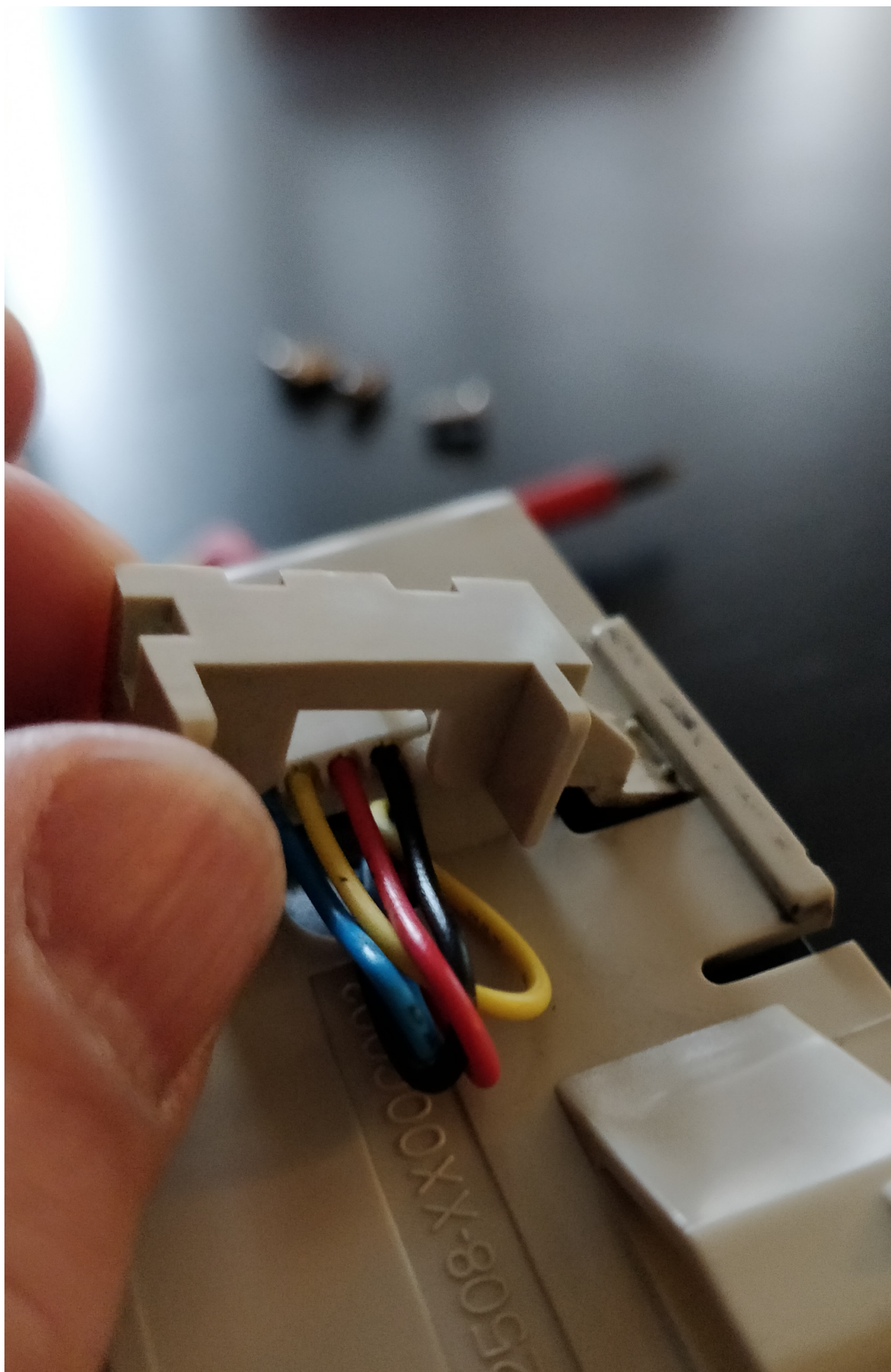


In the picture above you can see that the FAN-0126L4 case has a notch that makes it harder to drop in standard (less thick e.g. 25 mm) fans.

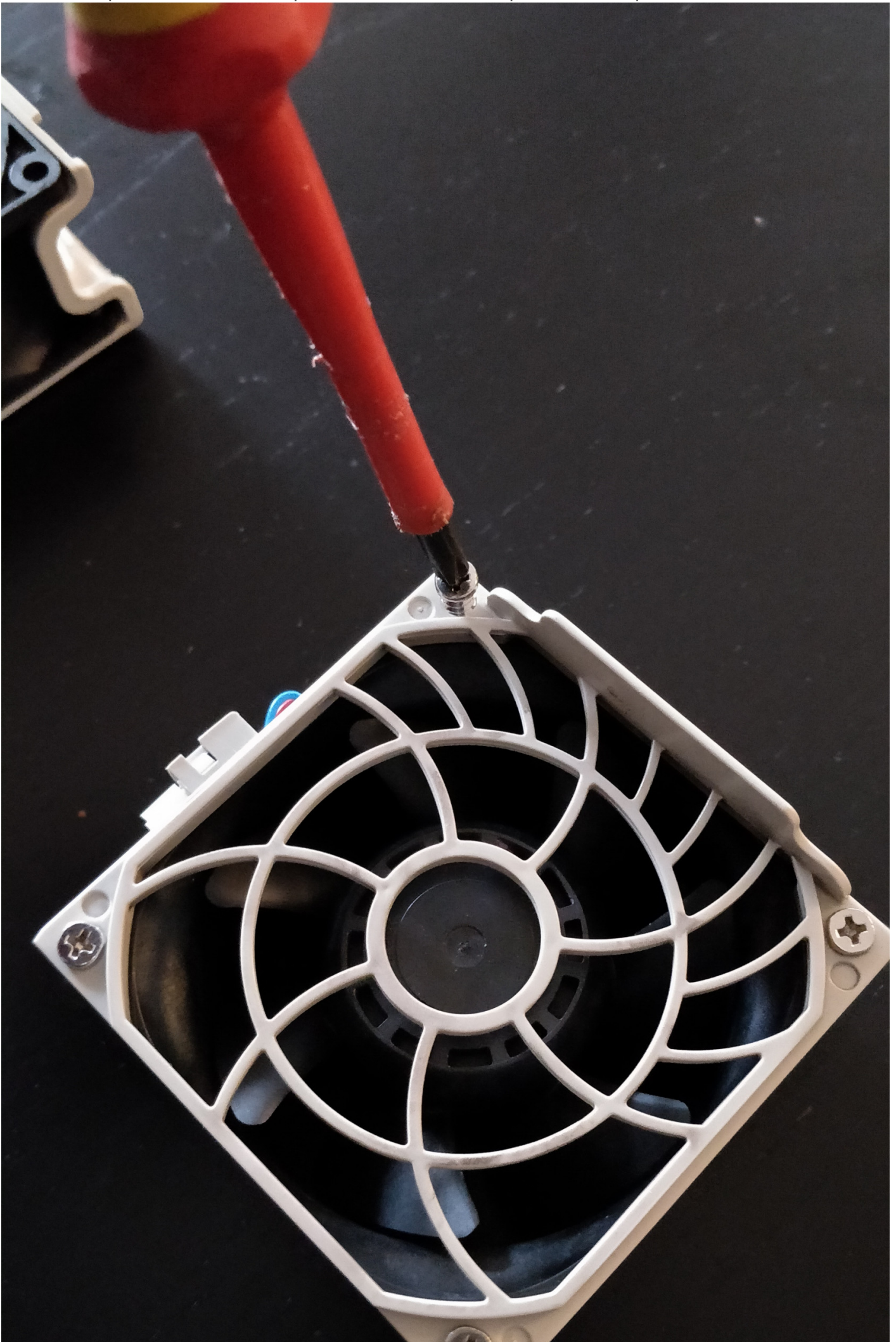


The FAN-0094L4, 672042020317 case on the right does not have this notch and can be easily used for this mod.

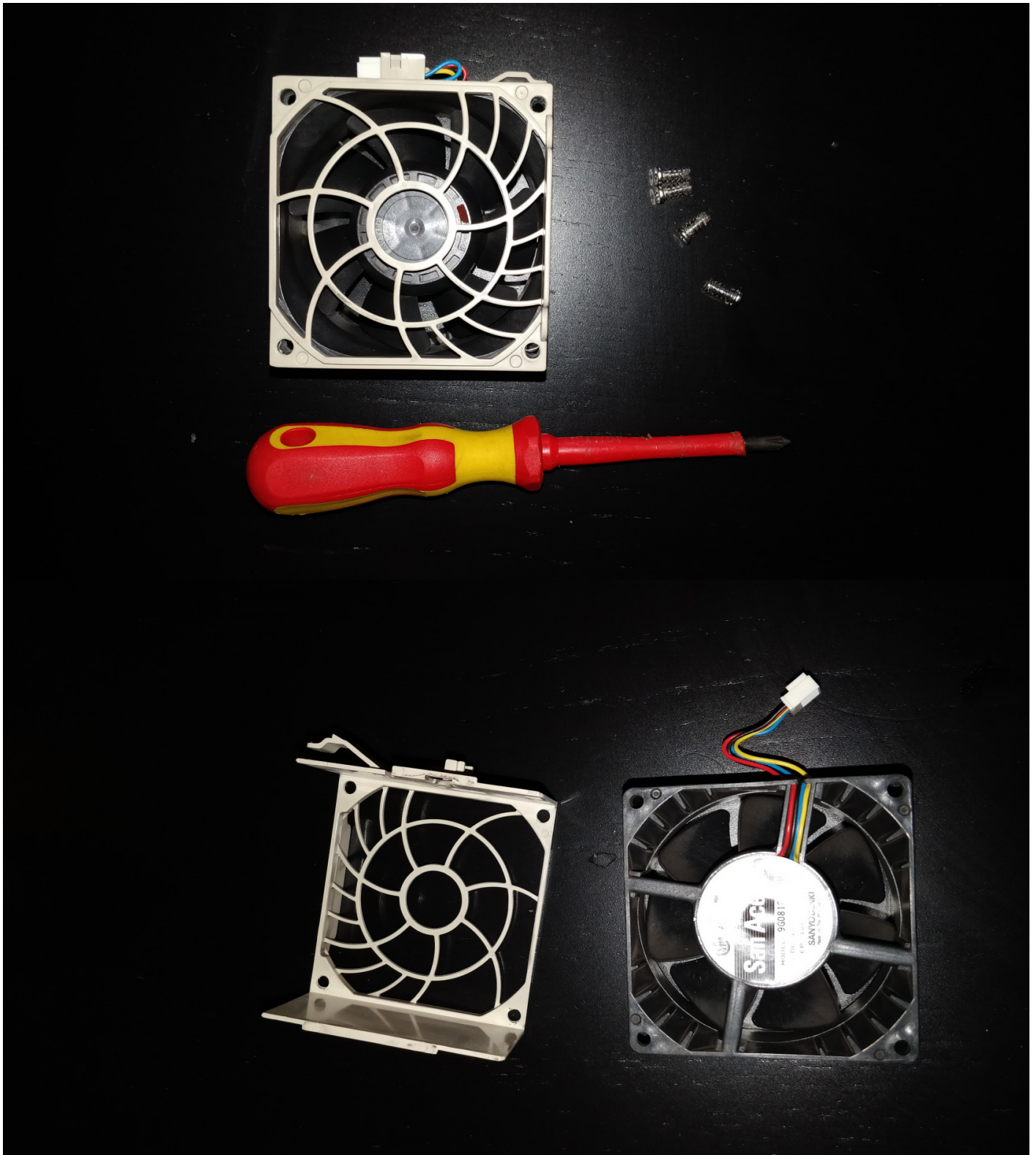
Remove the original fan from the case



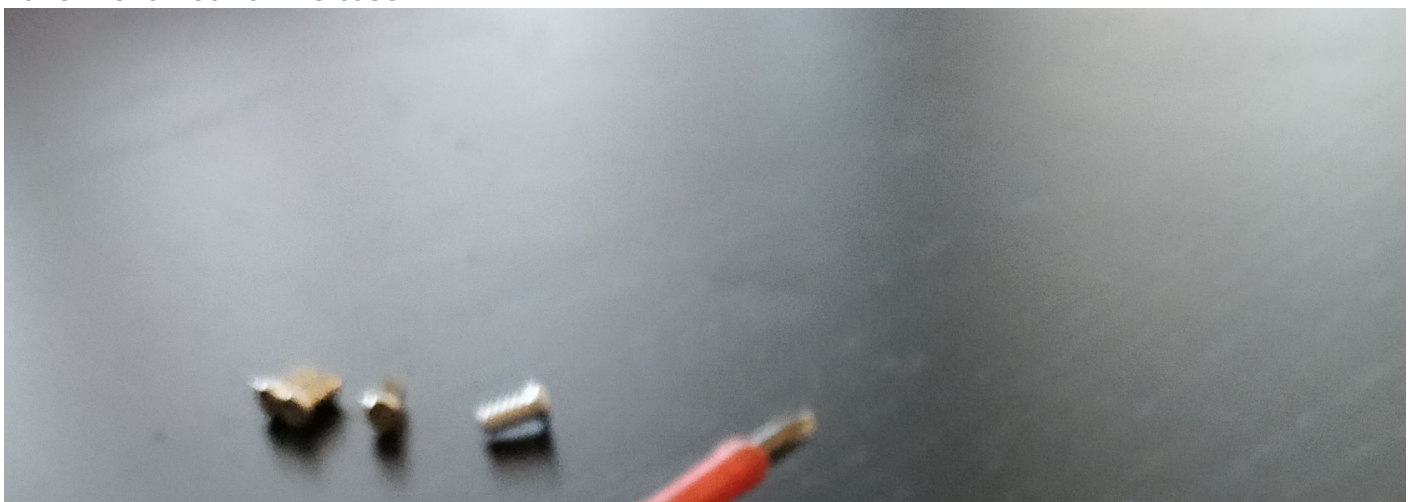
The first step is to release the clip that holds the socket, push of the clip and loosen the socket.



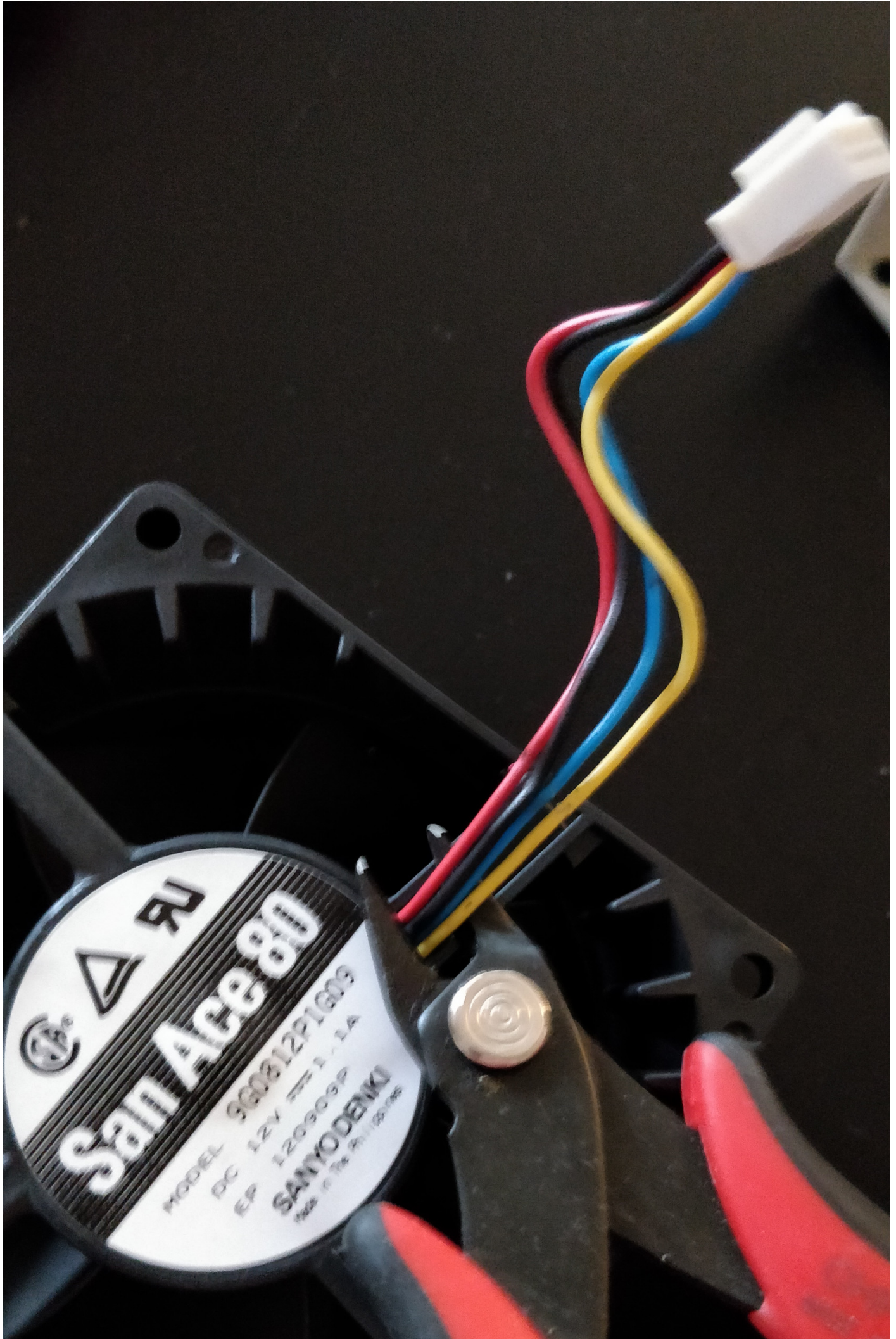
Release all screws that hold the fan



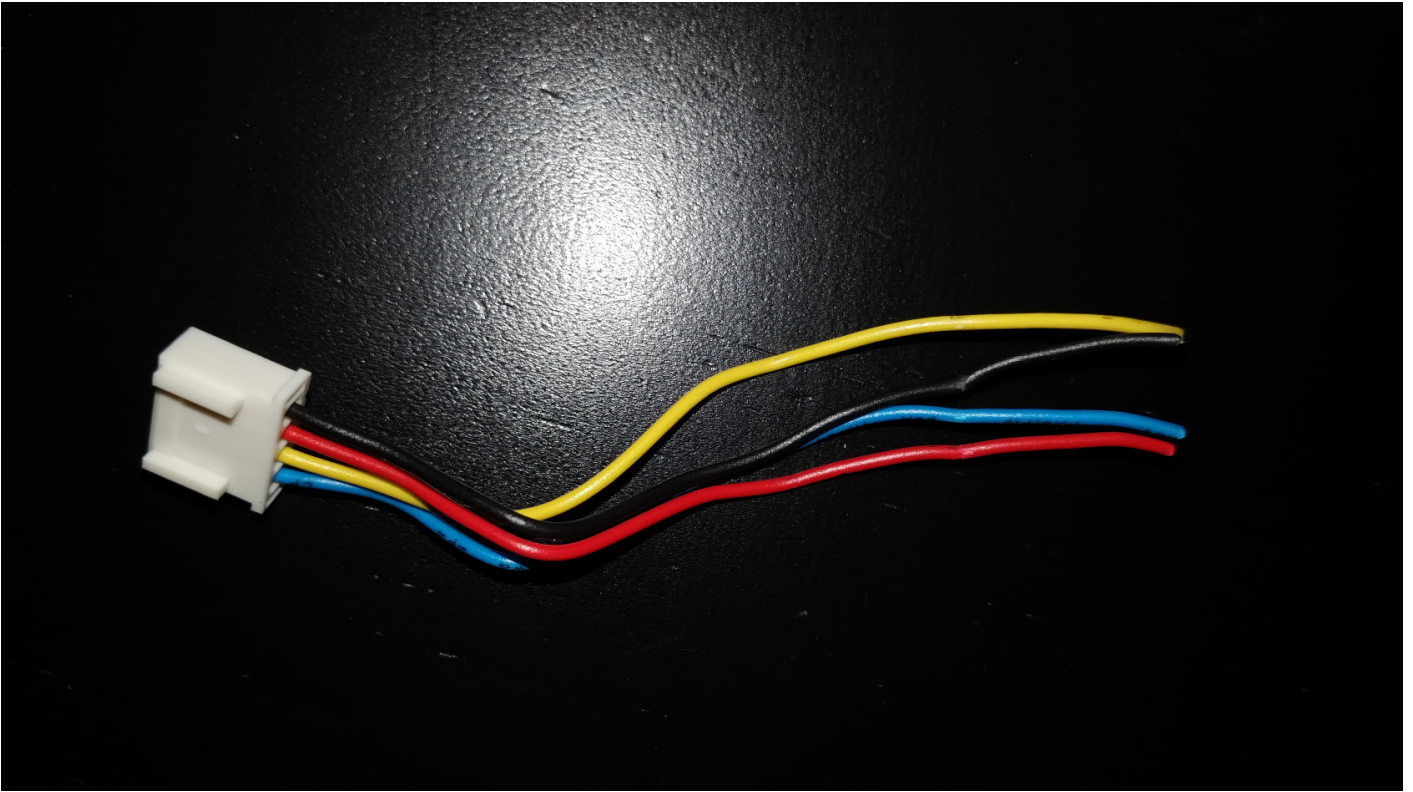
Take the fan out of the case



Release the cable from the fan



Cut the cable from the fan, remember, just do this if you do not need the original fan anymore, since it might be hard to power it after this modification.

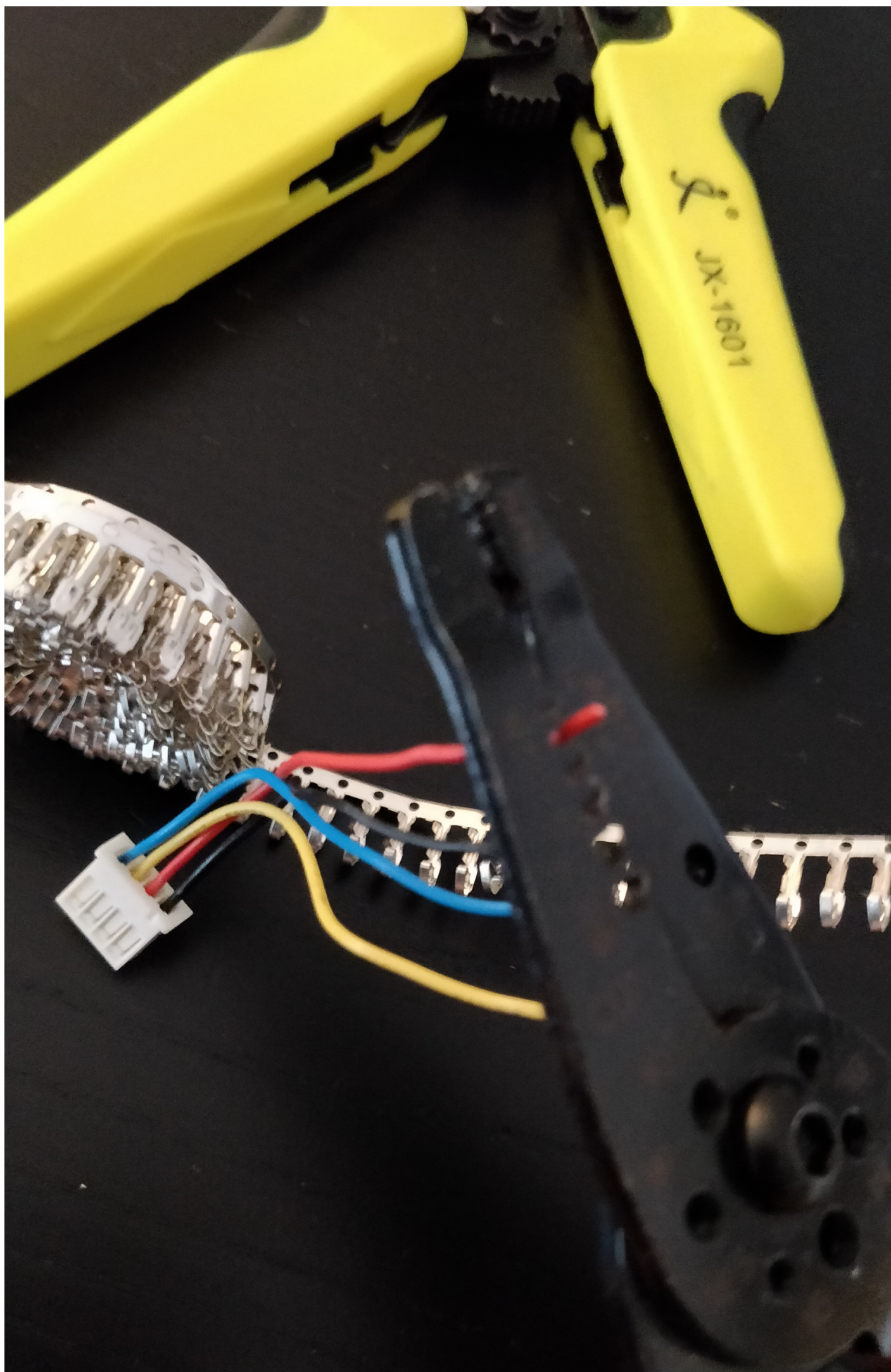


Now we have the original socket, we will now proceed to crimp on sockets.

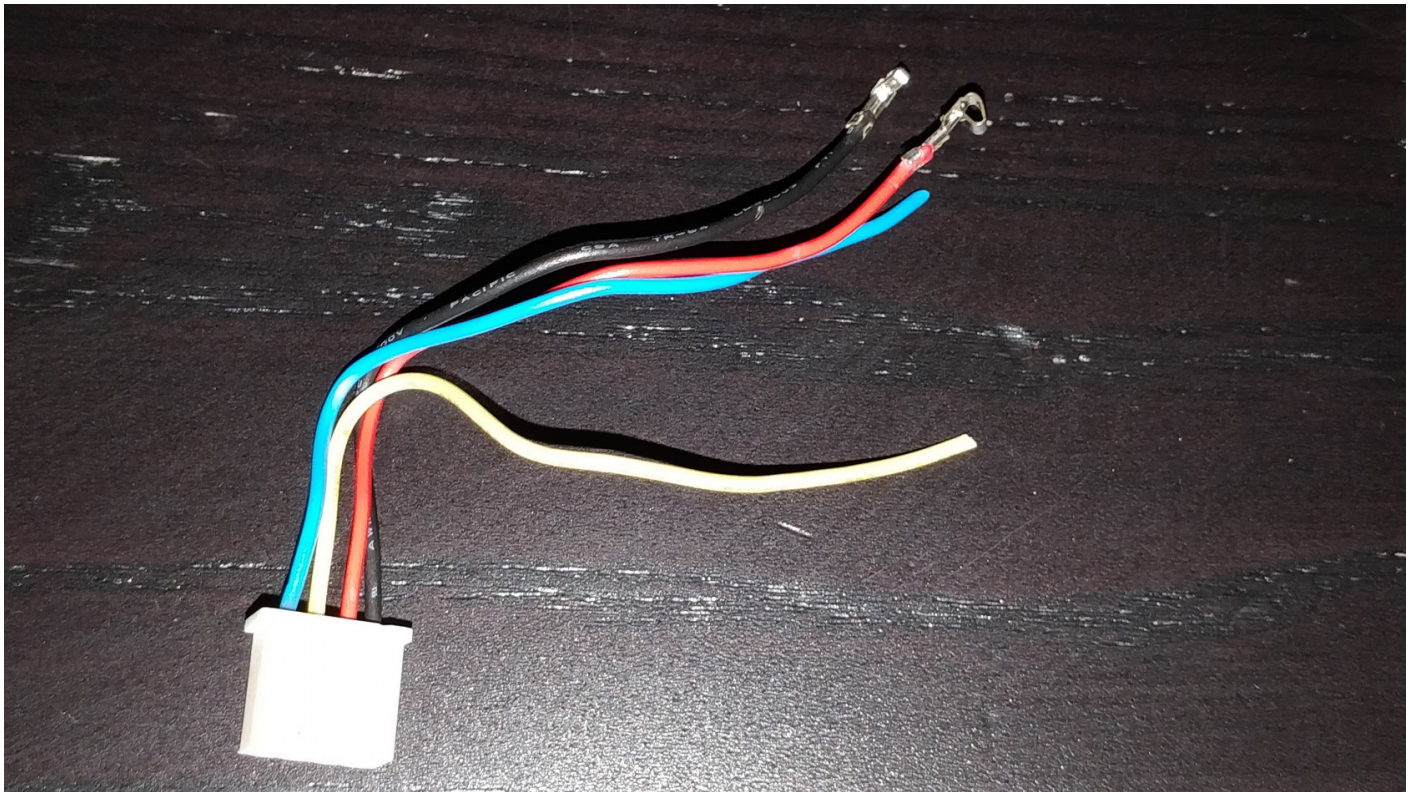
Crip the cable



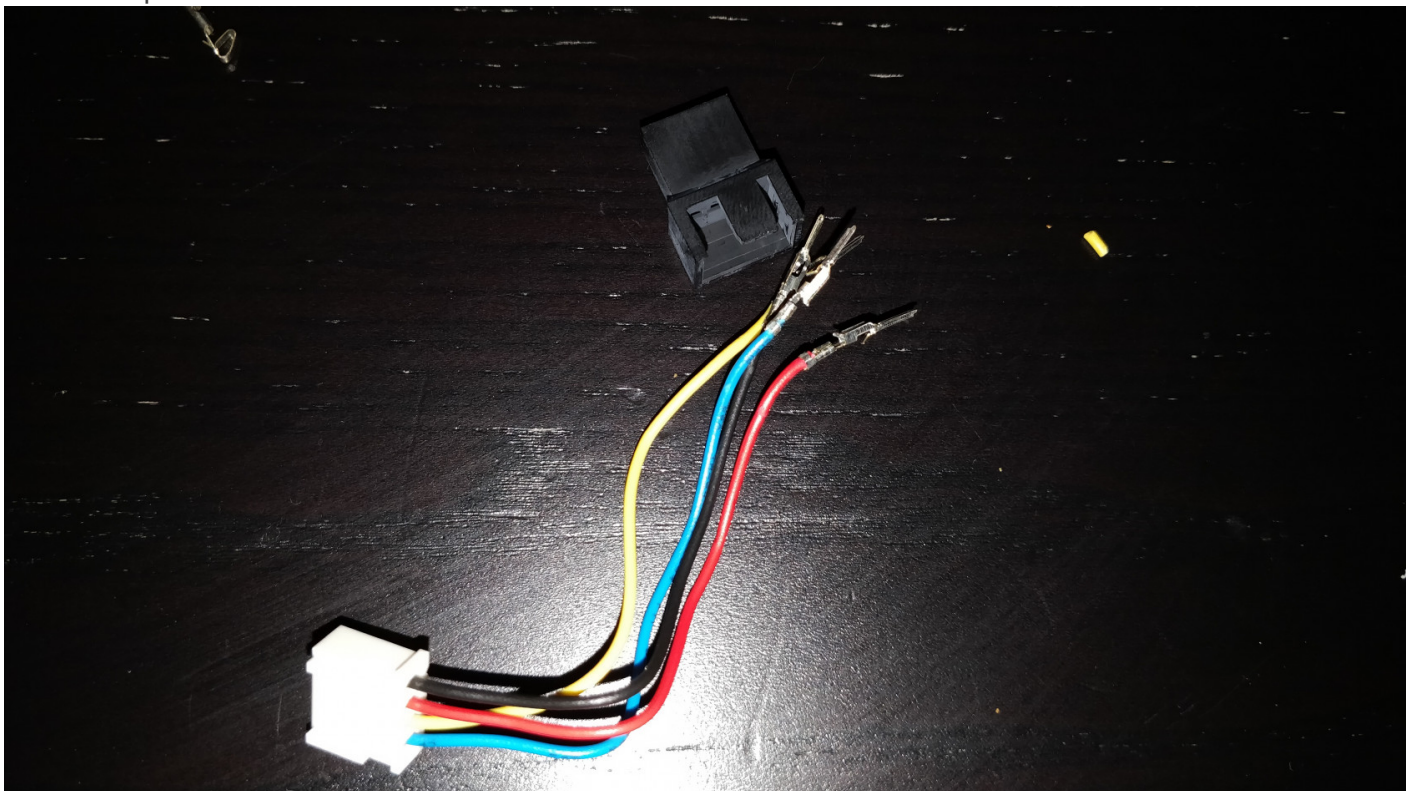
Get your tools ready for crimping the cable



Take of a few millimeters of cable isolation of each cable



Dont crimp on these connectors

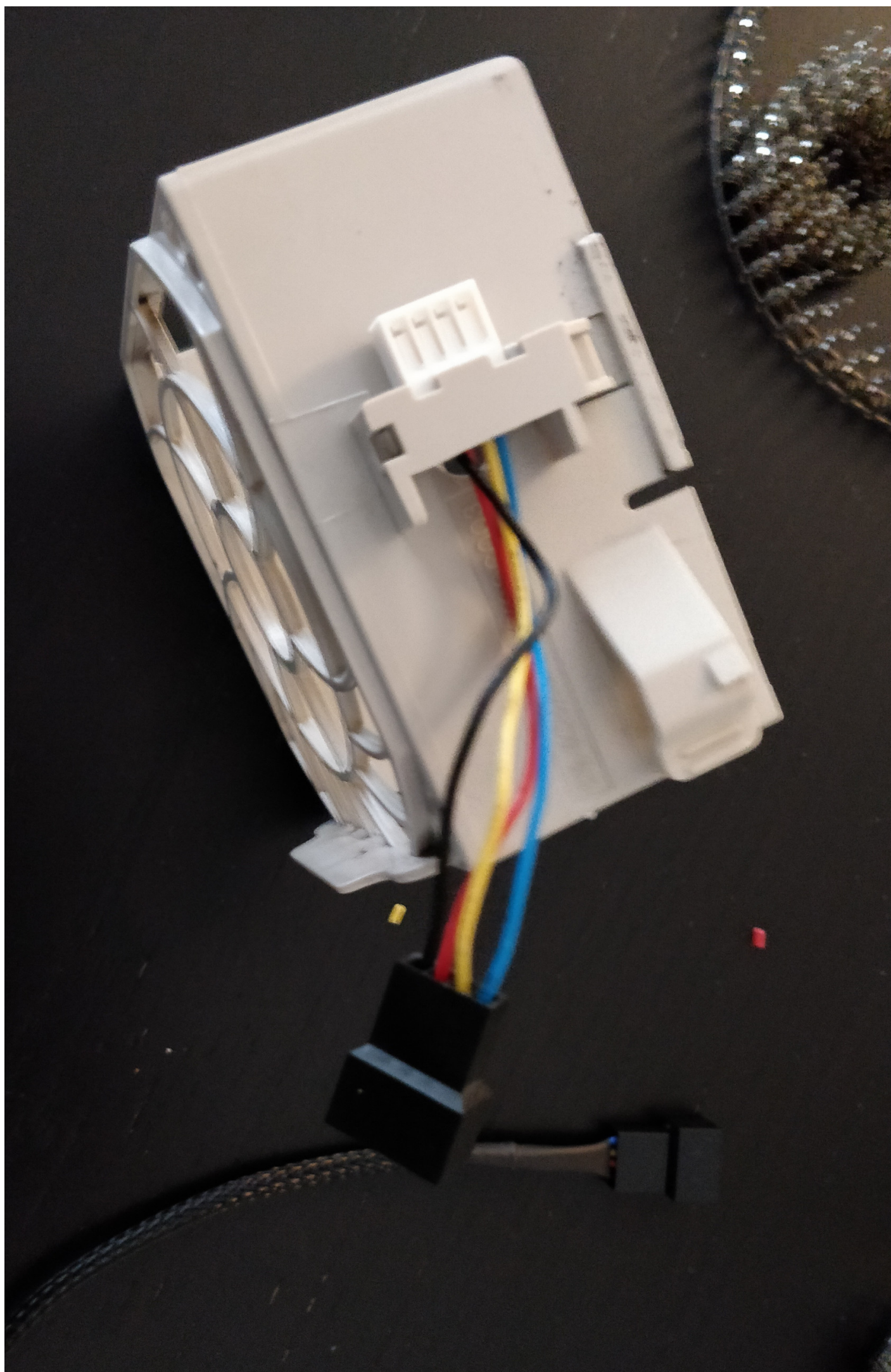


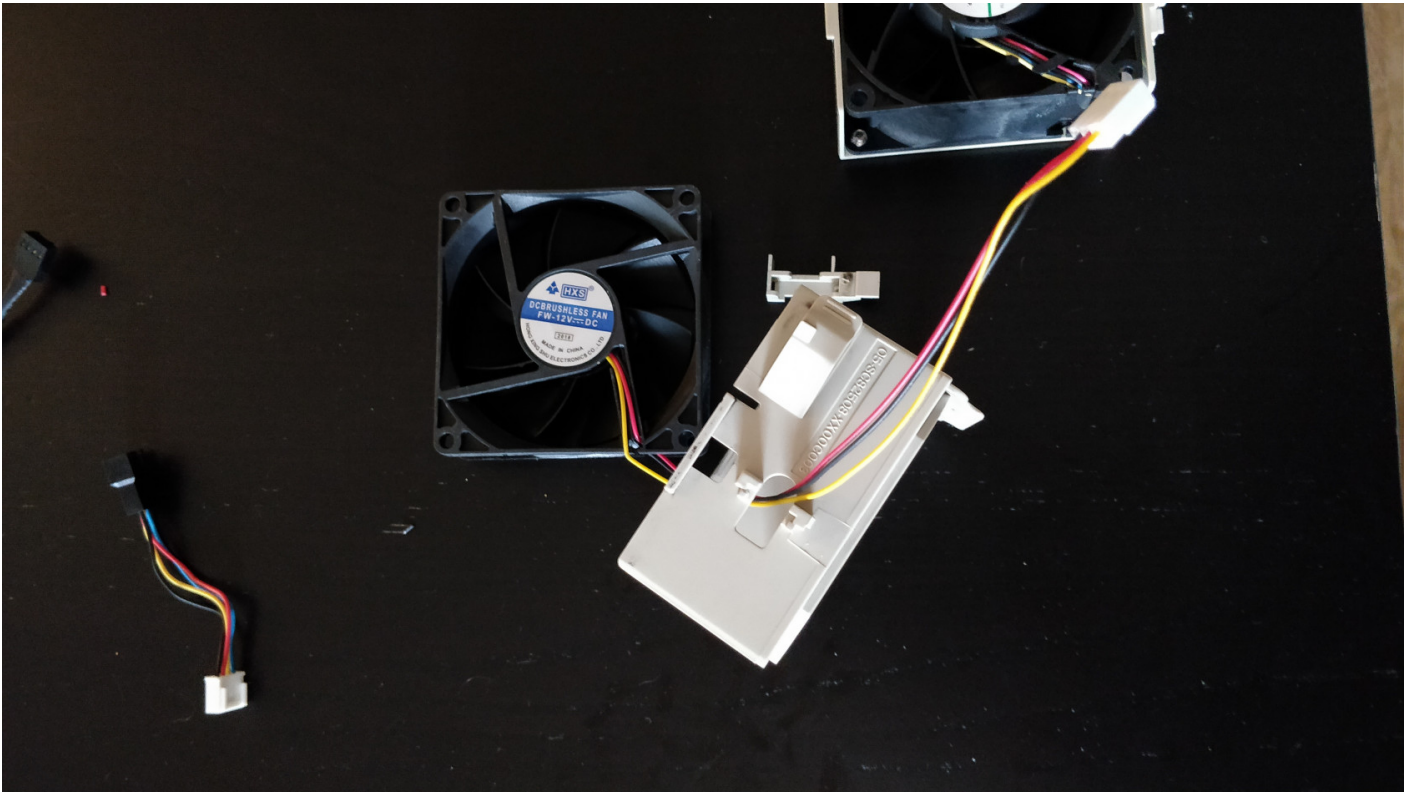
You will need the male connectors and a socket



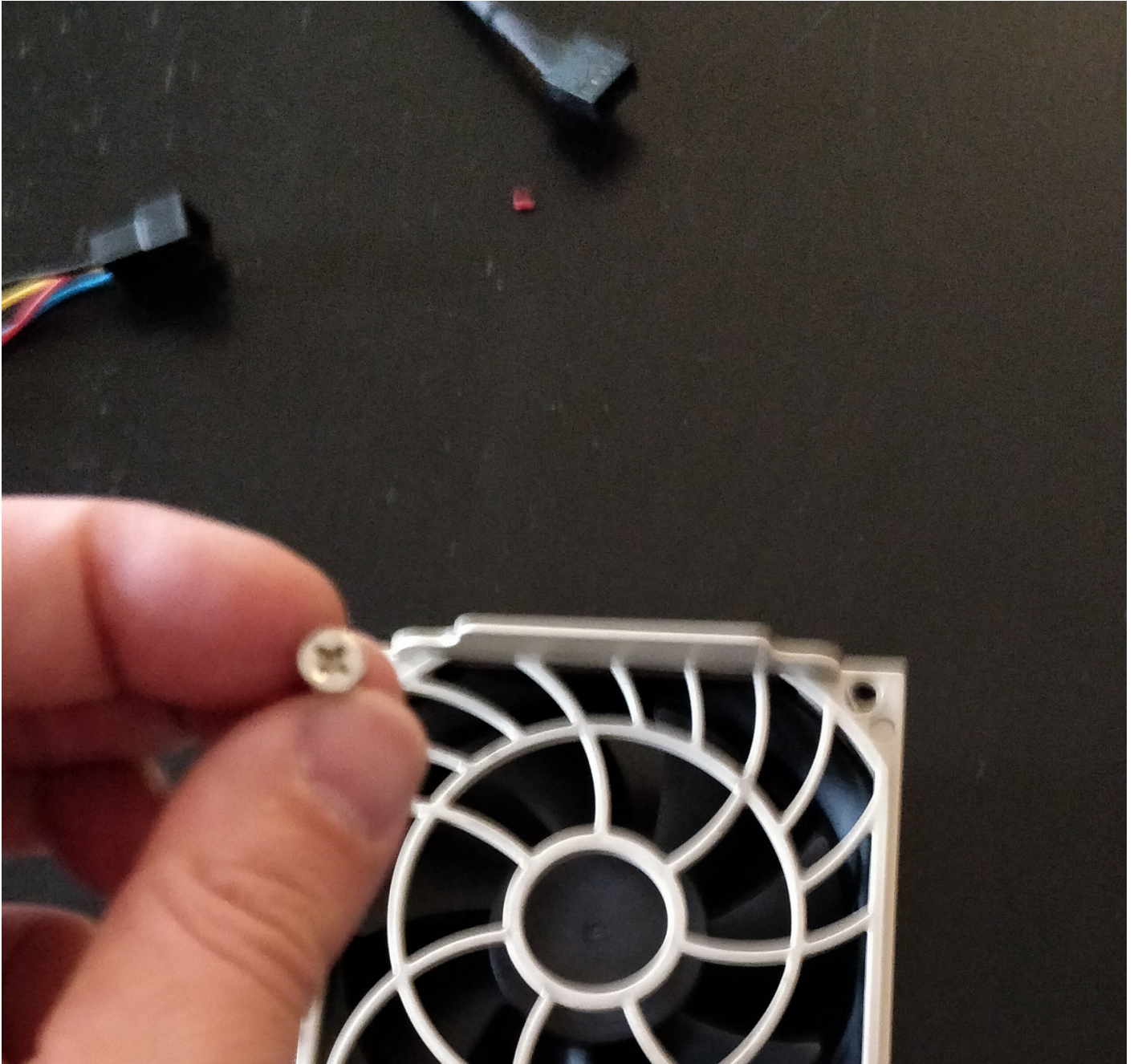
Insert the connectors into the 4 PIN socket

Put it together

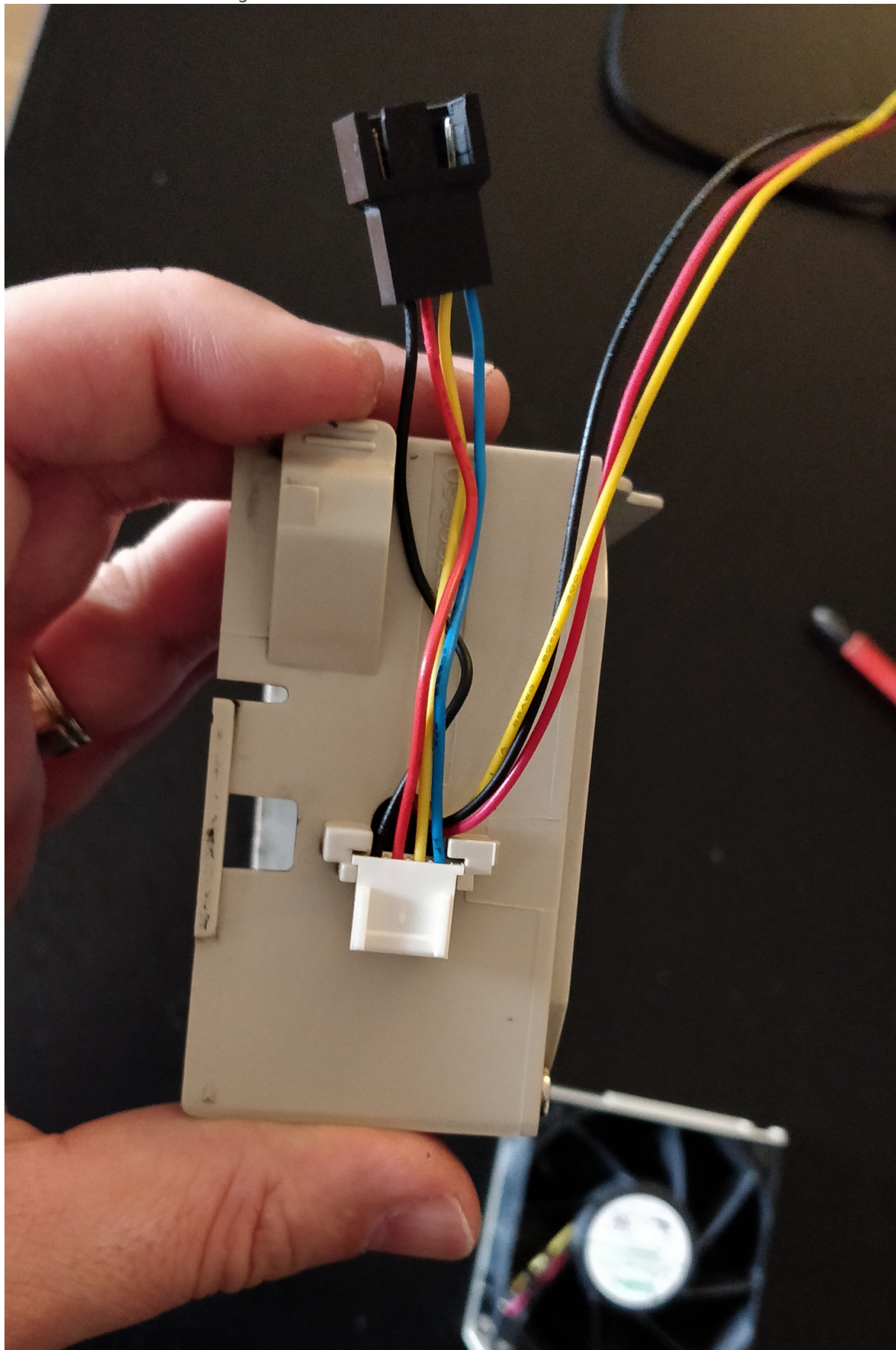




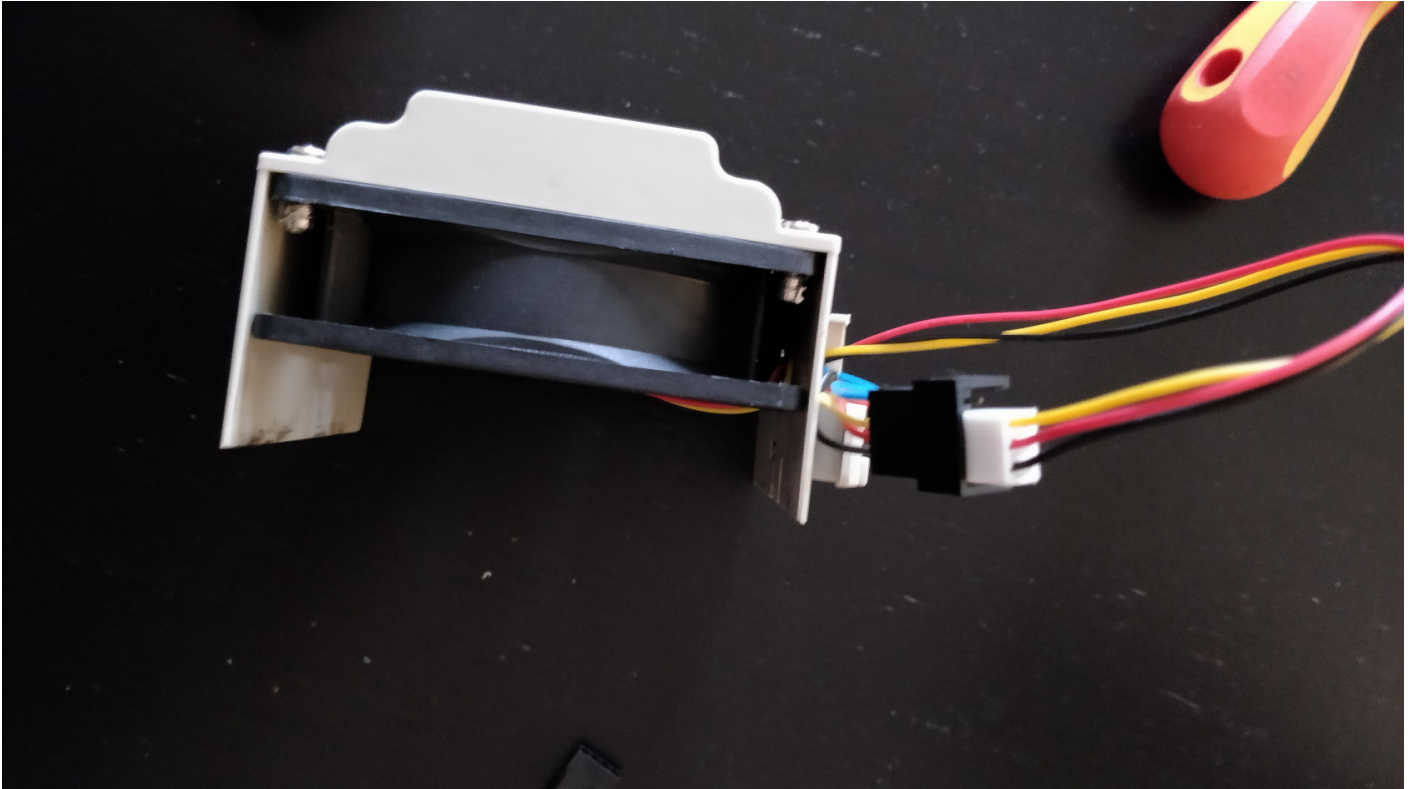
Now you can install your custom fan, put the fan cable through the cable hole.



Mount the fan with the original screws

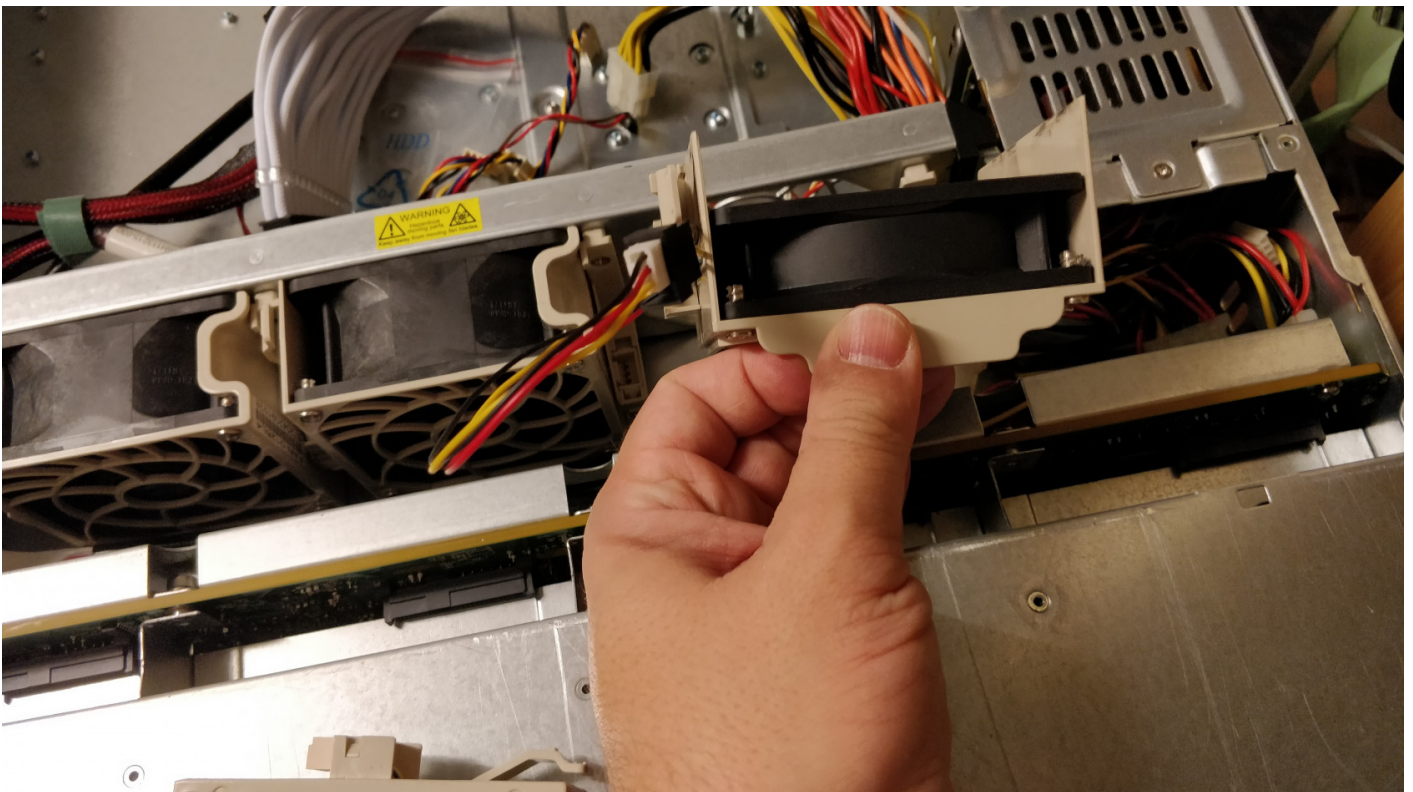


Install the original socket and put the clip back



Connect the custom fan with the socket we crimped to the original cable

Install custom fan



Slide in the custom fan

https://www.reddit.com/r/homelab/comments/dzevbw/supermicro_cse8x6_fan_modification/

Revision #7

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