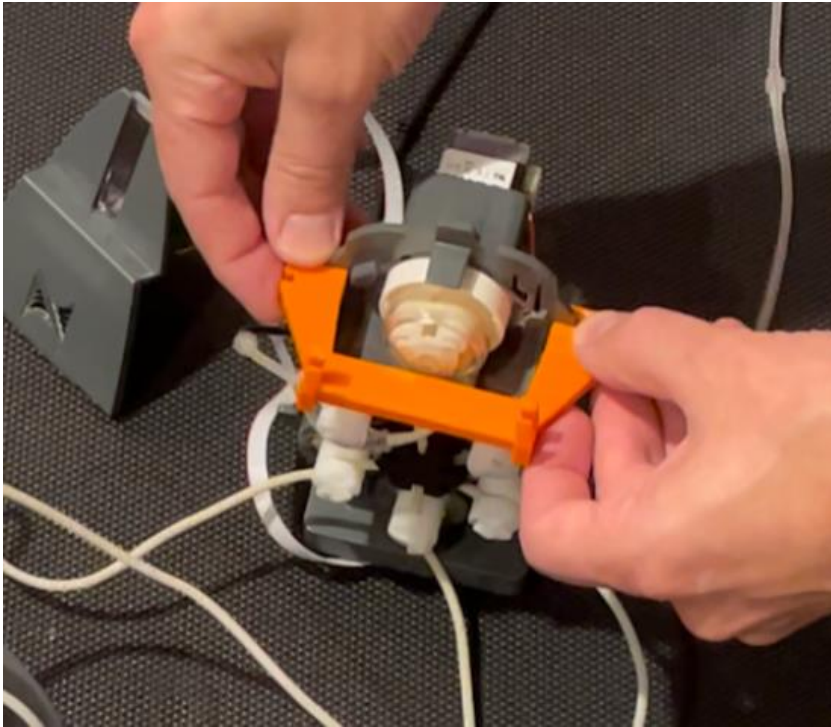


- 1) Disassemble your Trident. Yes it will void your warranty. I don't have detailed instructions because I already took mine apart and I don't want to put it together again but if someone takes pictures and shares them with me I can include them here. Basically unscrew the 4 feet then the 2 boards snap out. Remove the black tape to free the hoses.

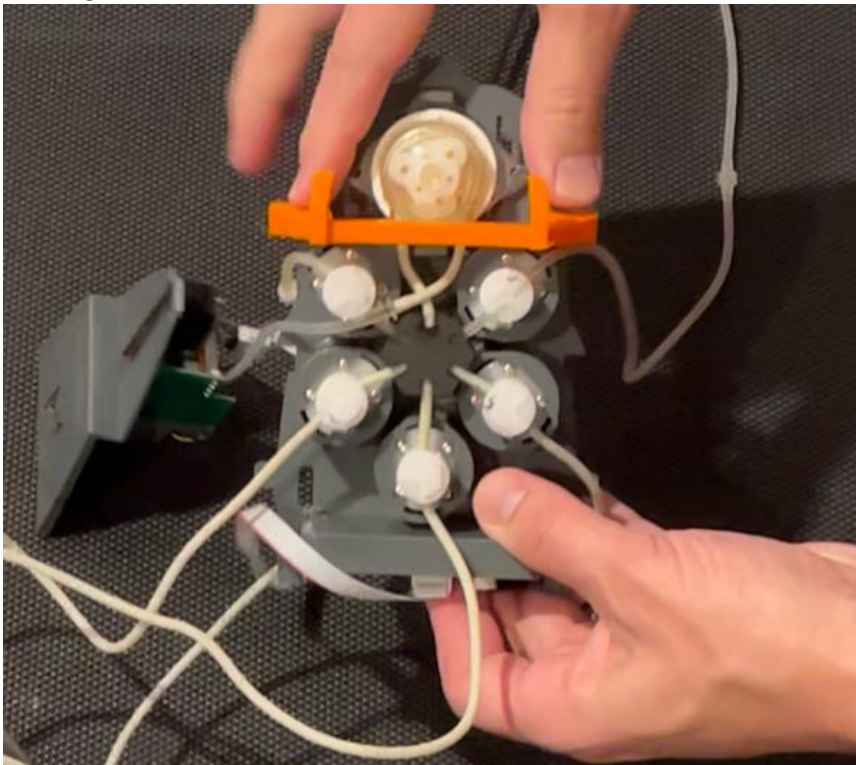
When you're done all that is left is the two assemblies and the hoses:



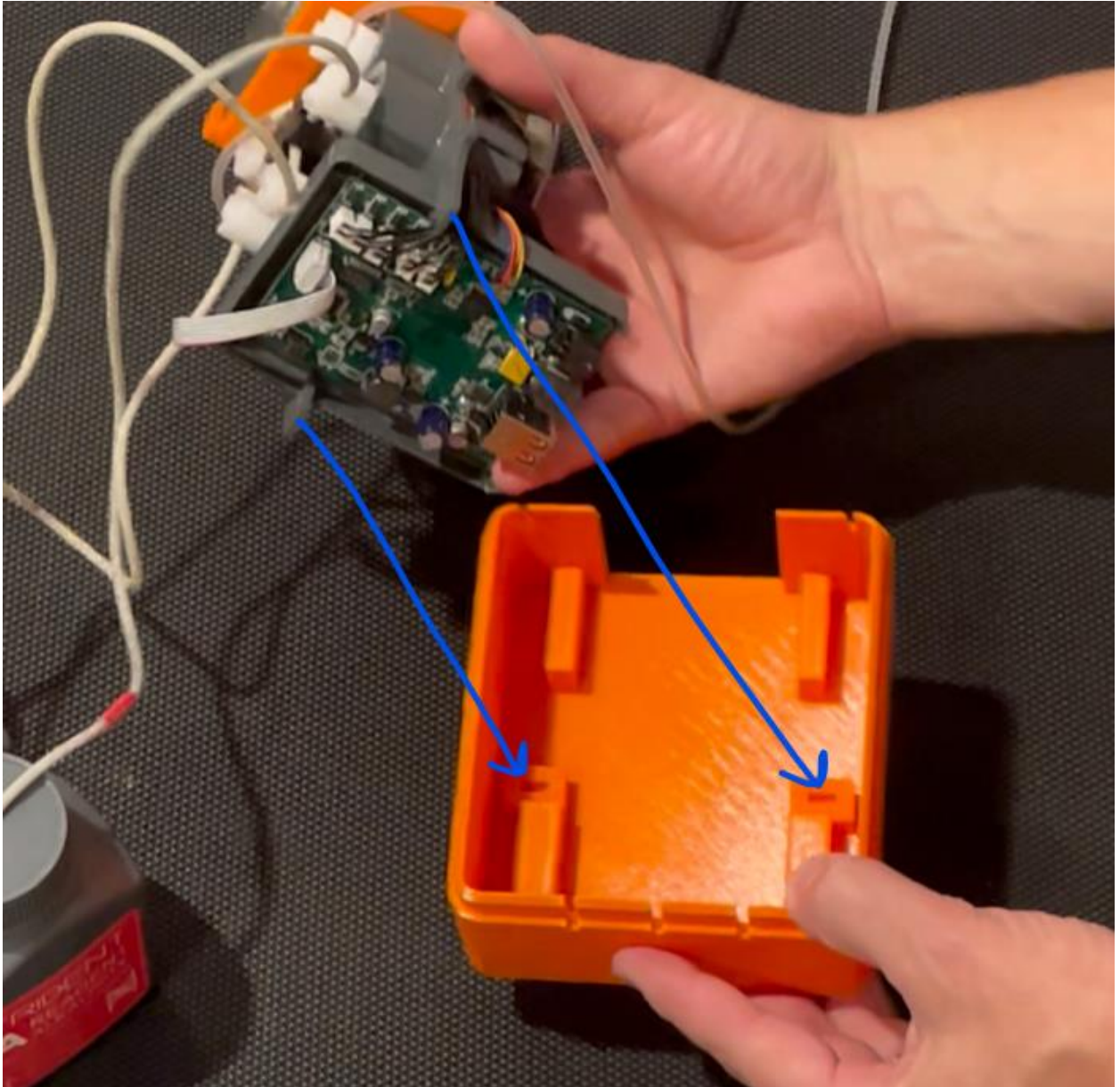
- 3) Use the 'bracket' part to hold the two Trident boards together by first pushing the bracket down onto the bigger Trident part:



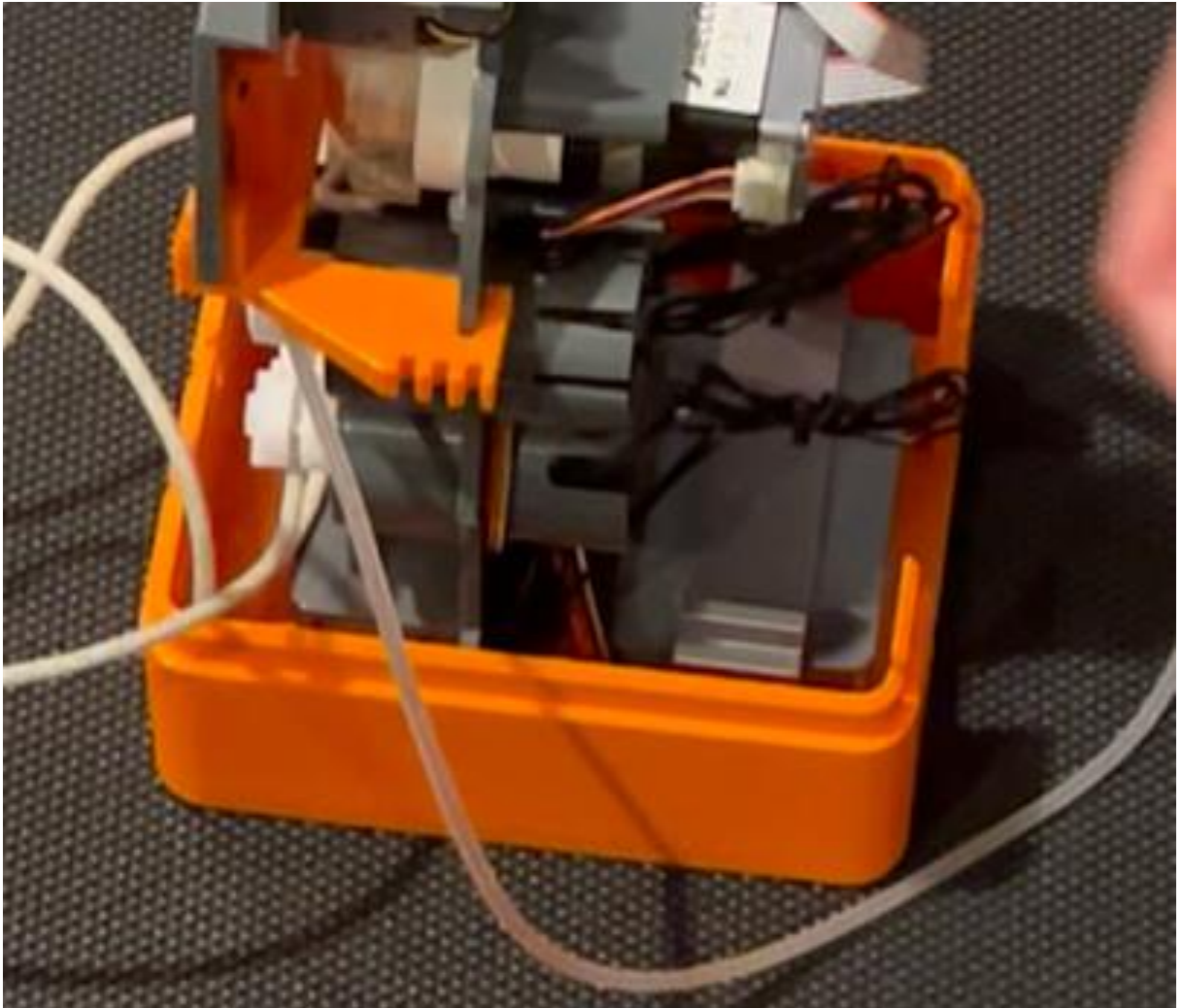
Make sure the bracket is pushed all the way down and resting the top of the two round solenoid housings:



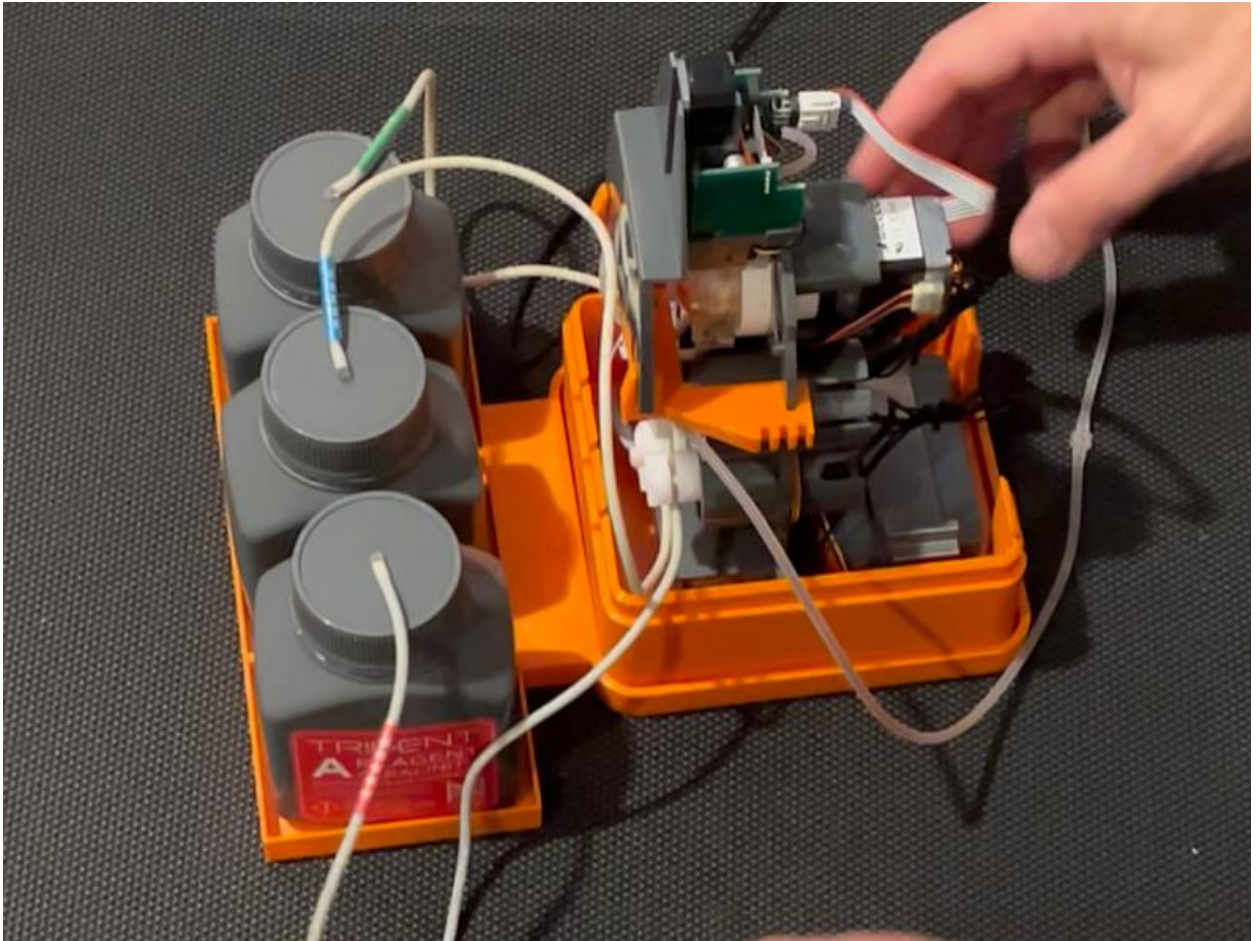
- 4) Get the base 3D printed part and insert the bigger Trident part, the two 'feet' sticking out of the bottom go into the two holes in the base. Make sure no cables or hoses are pinched between the base:



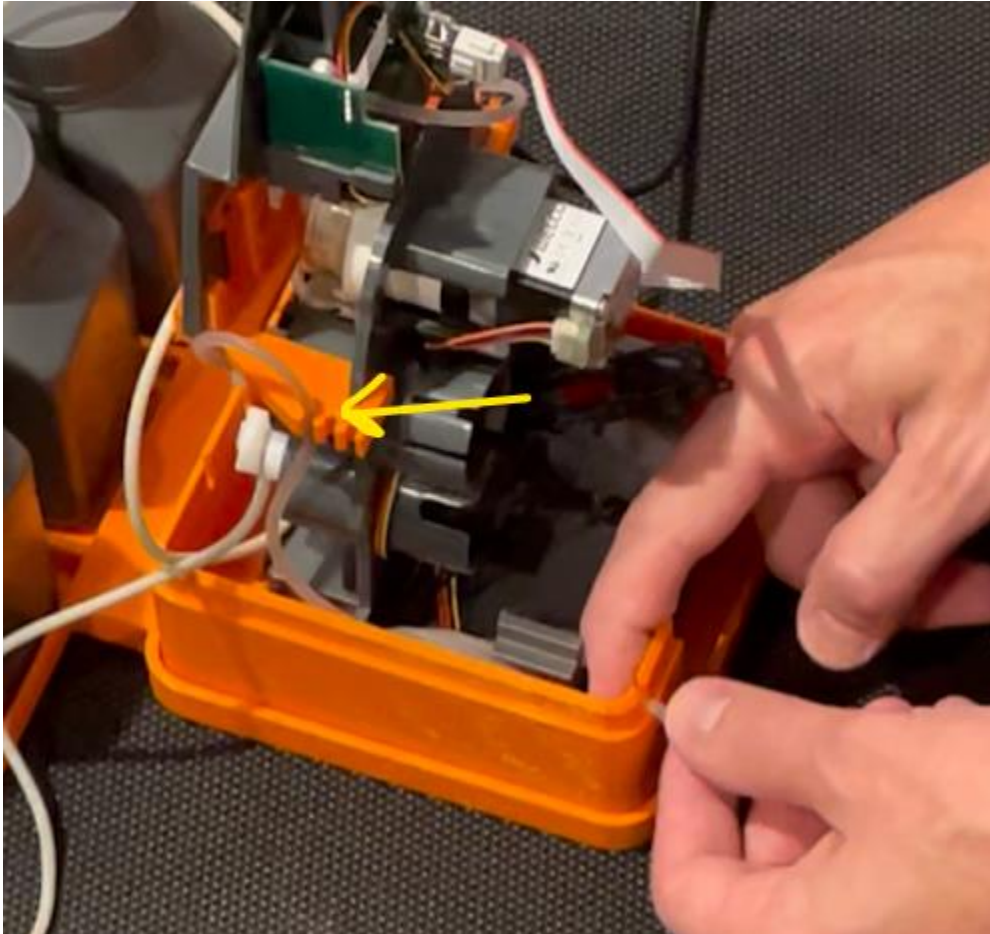
6) Use the clip part to snap the Trident board into the base:



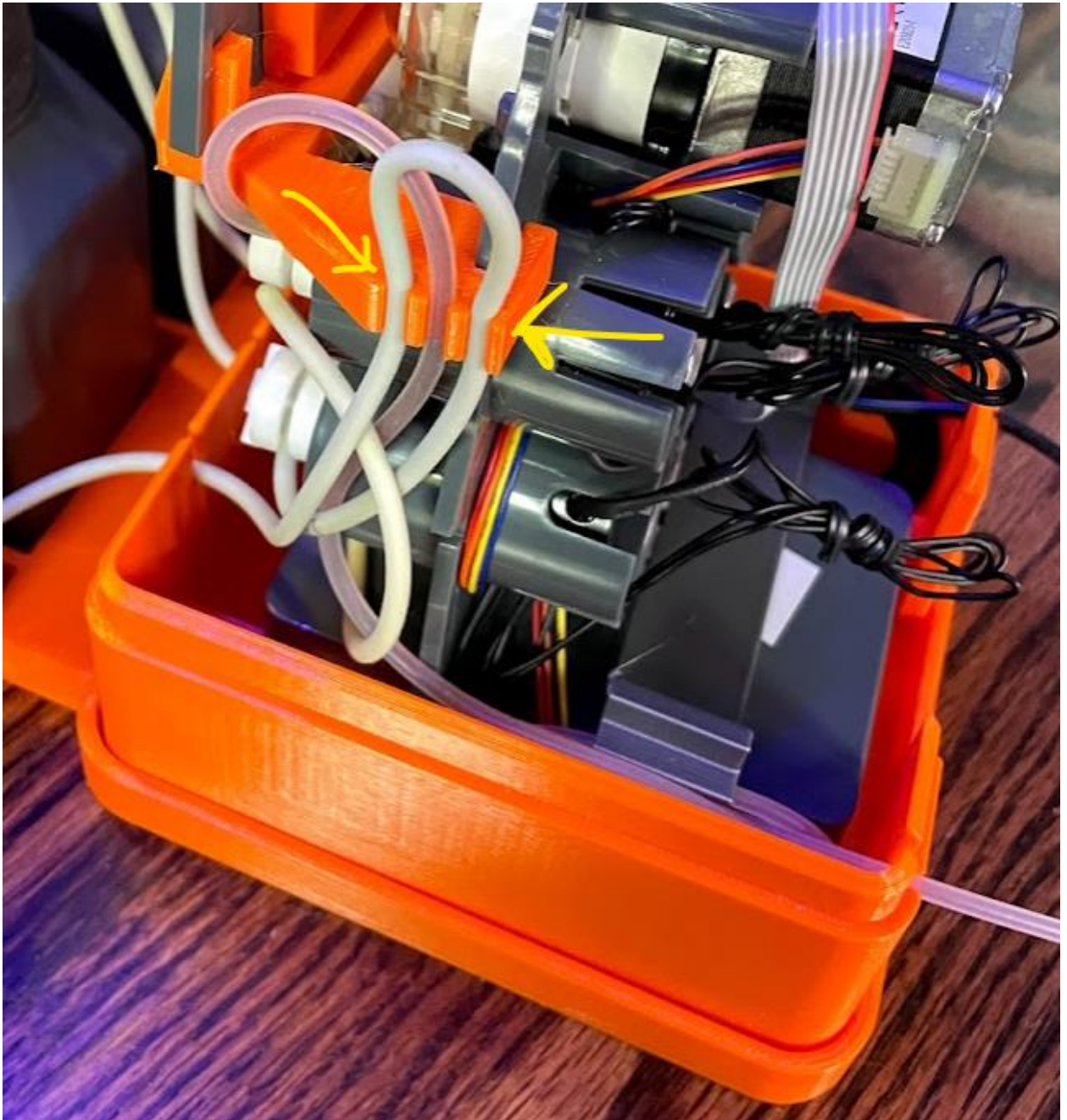
8) Get the tray and put the base into it, along with the reagents:



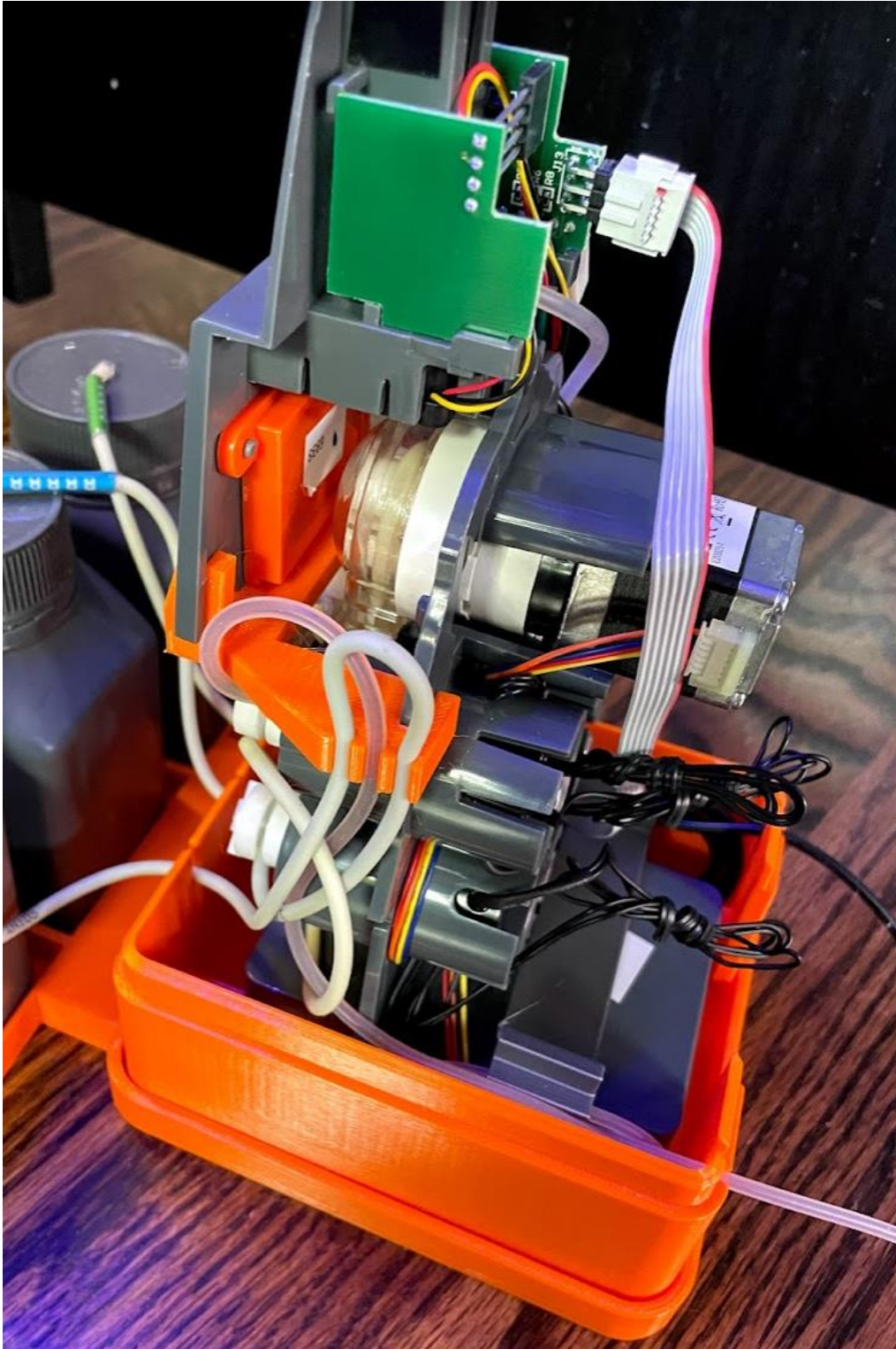
- 10) Feed the clear waste tube and black feed tube through the slots in the back of the base. Make sure the hoses are pushed down as far as they will go. If you want to shorten the hoses you can loop them up and gently tuck them under the clip. Be very careful to not cause any kinks or pinches in the hose! It is helpful to pass the hose through one of the slots in the 'bracket', see the yellow arrow:



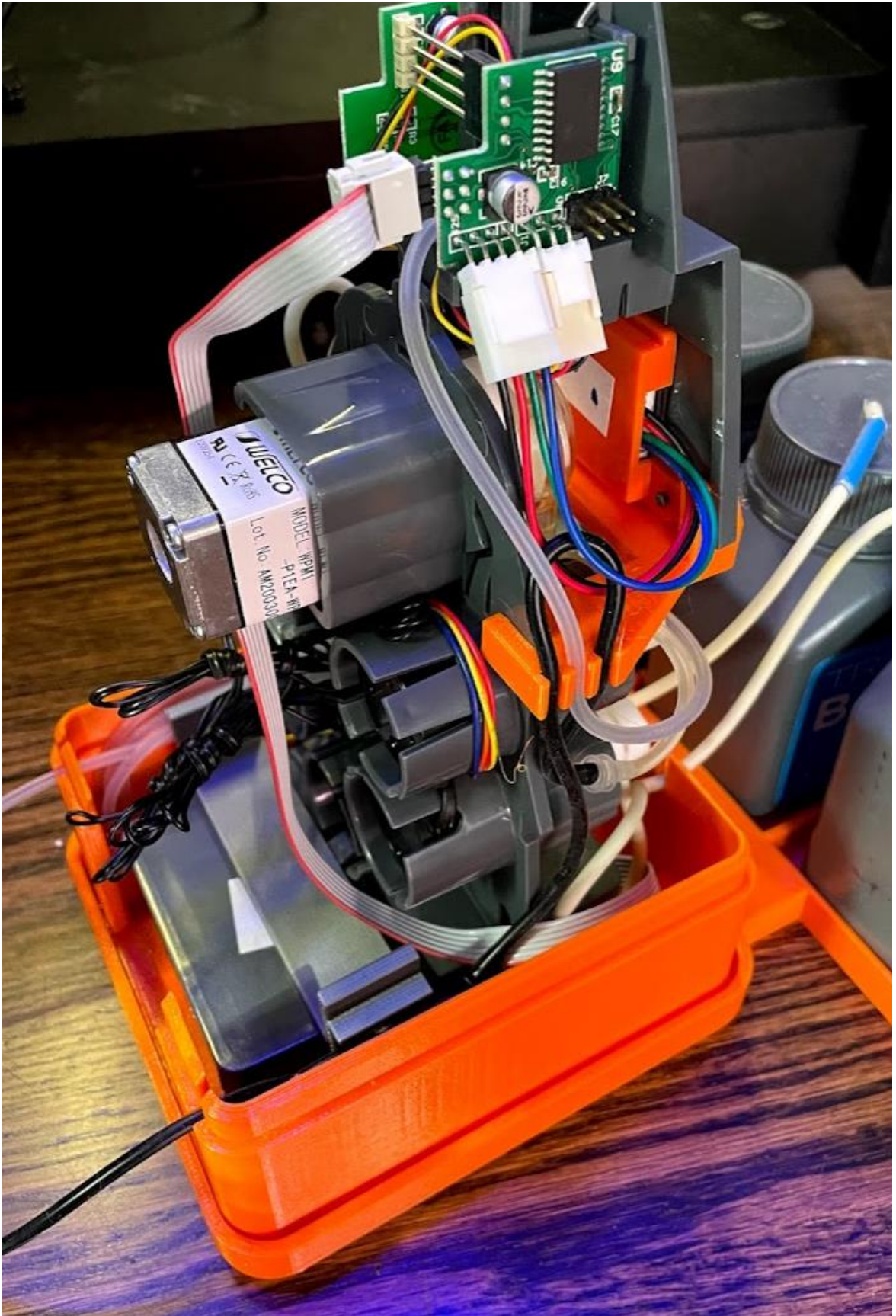
- 12) Feed the 3 reagent hoses through their slots in the front of the base. You can shorten them some by coiling extra cable through the slots in the bracket, see yellow arrows. Don't bend the hose too tightly or it will kink! :



- 14) Inspect everything and make sure there are no kinks in the hoses and that everything is tucked together tight so nothing will pinch when you put the top back on. Here are both sides with everything pretty clean:







15) Slide the top on and you're done:

