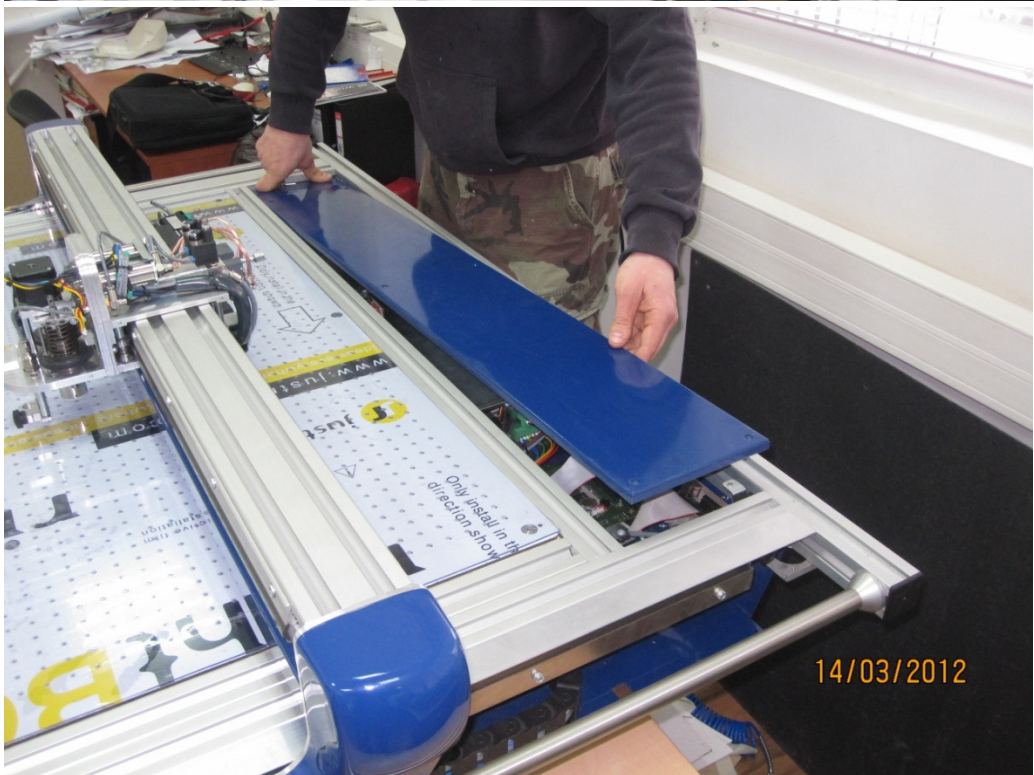


Step by step instructions for resolving problems with stuck Vacuum fans

1. Start with disconnecting the main power plug and pressurized air supply of the plotter
2. Remove the back metal cover



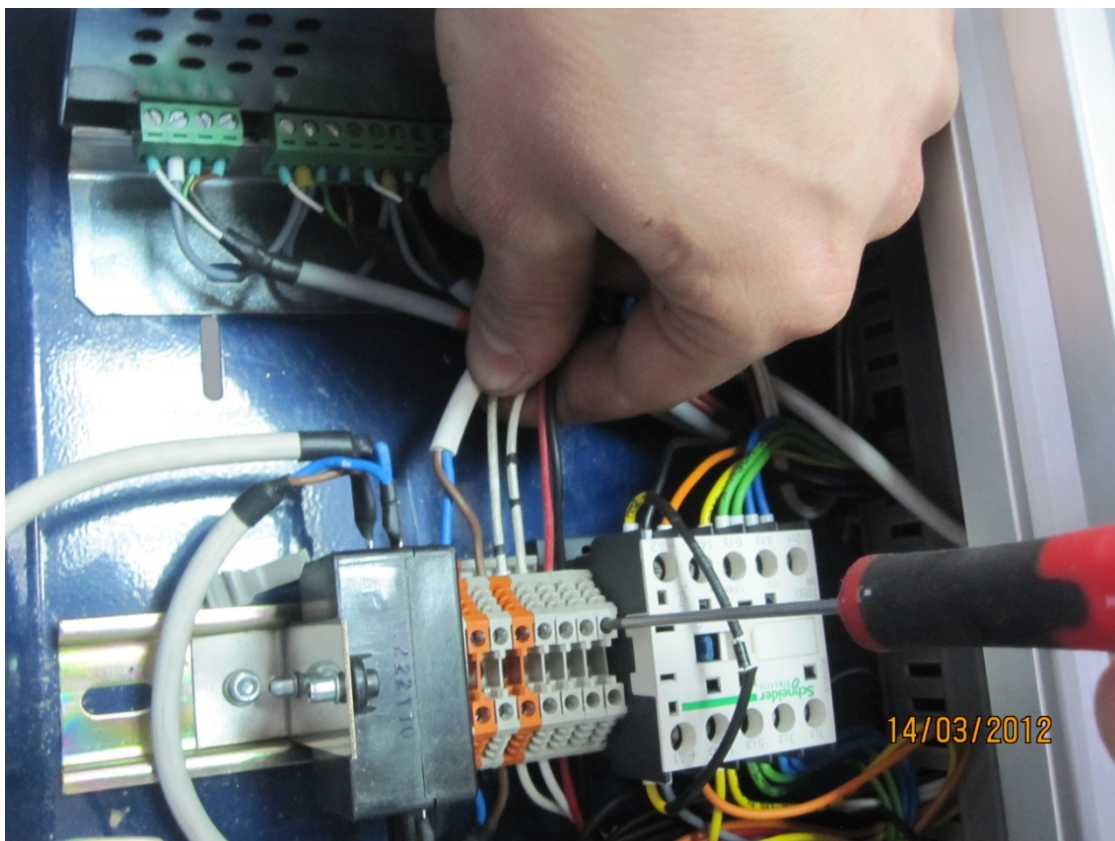
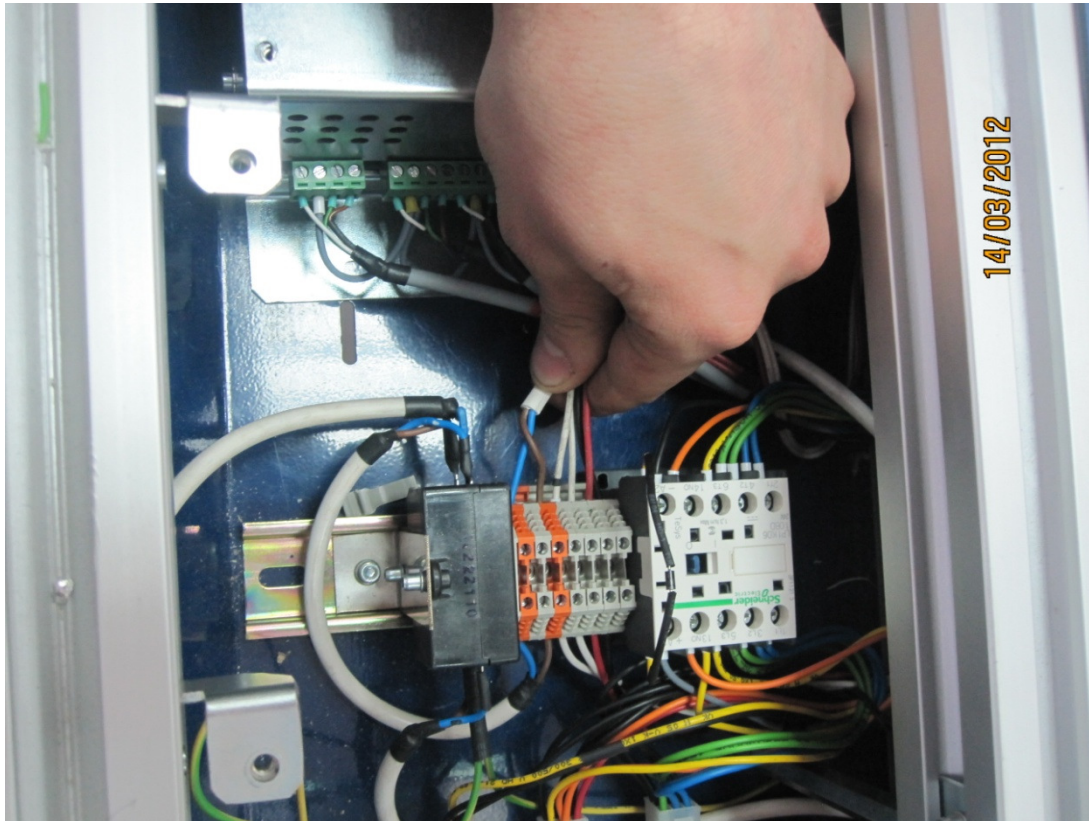
3. Remove the side metal covers



4. Remove the front metal cover, paying attention not to disconnect any of the cables from the front switch board



5. Disconnect the cables powering the fans in the back side of the plotter



Pay attention for the cable colors and order

6. Disconnect and remove the Controller module



7. Disconnect the air pipes for the fixation pins under the front side of the vacuum table



8. Unscrew the middle support M6 screws in the back and front sides of the vacuum table.



Pay attention not to move the leveling nuts that are fixing the correct level of the vacuum table



9. Remove the 4 M8 Screws in the angles of the vacuum table.





10. Lift the vacuum table up (recommended by two persons).
Pay attention not to damage the cables of the fans, that were disconnected at step 5





11. Put the vacuum table on a desk, with the fans on the upper side



12. Remove the 8 springs fixing the fans, by disconnecting their upper sides from the fan plate



13. Clear carefully the fan rotors and stators from all mechanical objects, dirt etc. as result from their functioning.



14. Unscrew the M5 bolts attaching the top plate to the fan



15. Put 2 distancing washers on each of the 8 columns supporting the fan

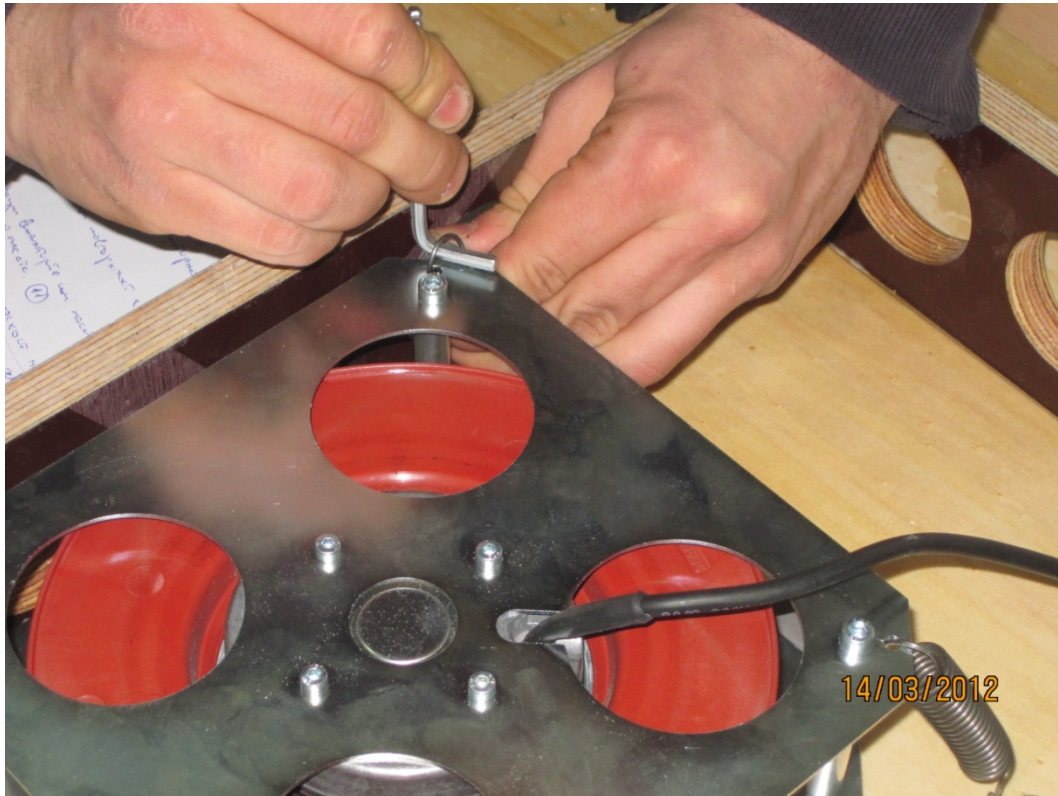




Before starting the reassembly please check if the fans move freely and without frictions with other parts!

16. Assemble back the plate and springs





17. Put back the vacuum table (strongly recommended by two persons with special attention for the cables that should go to the back side of the plotter)
18. Reassemble the plotter in the exact reverse order