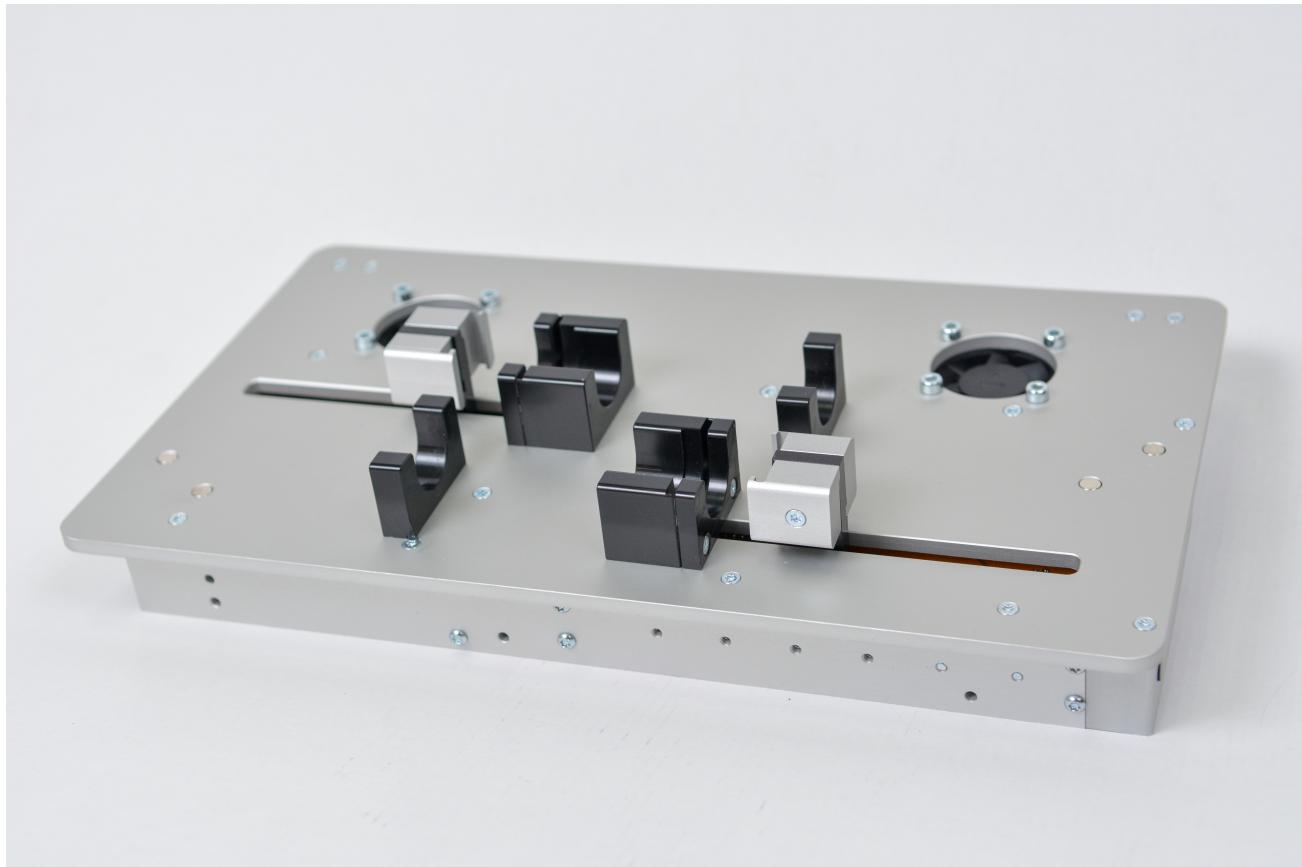
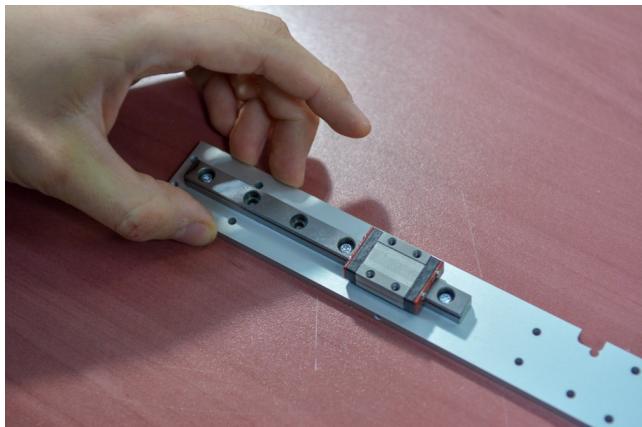


New Harvest Tray Incubator Assembly Instructions

Instructions manual for the Incubator Tray, developed for the New Harvest organisation.



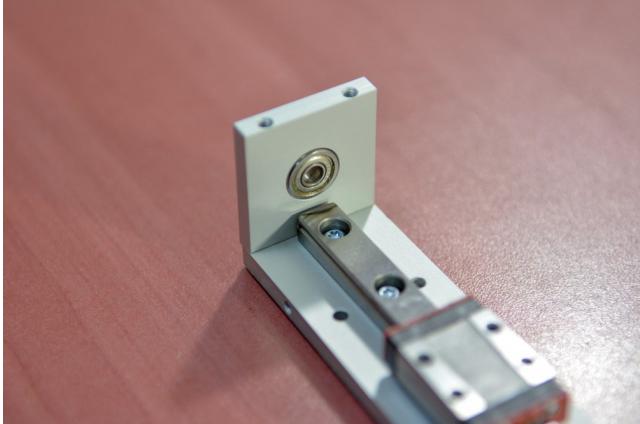
Step 1: Mount the linear rail on the »linear base plate - inner«.



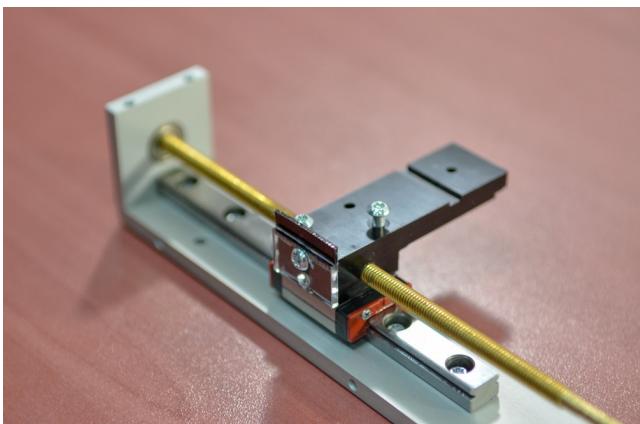
Step 2: Screw the »upper bearing plate« on the side of the »linear base plate - inner«.



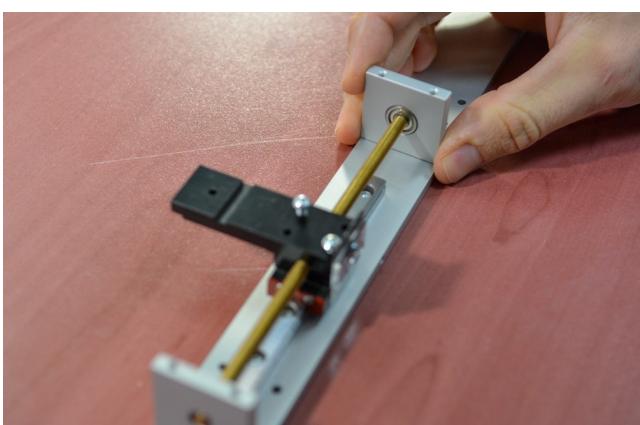
Step 3: Insert the bearing.



Step 4: Place and mount the »piston« with the »threaded rod« on the linear rail carriage as shown.



Step 5: Mount the »upper bearing plate« with the bearing placed inside on the other side of linear rail on the »linear base plate - inner«.



Step 6: Mount the »motor plates« on both stepper motors.



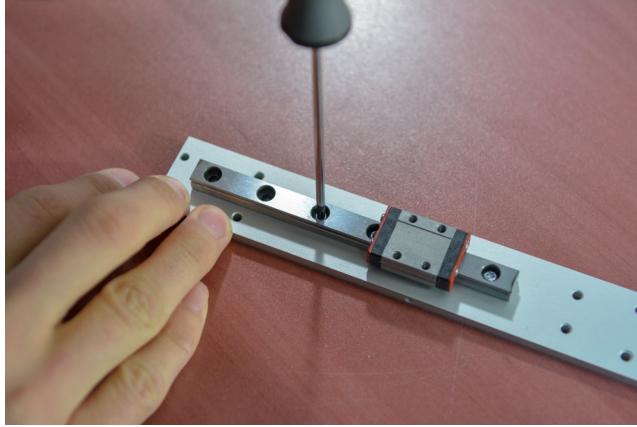
Step 7: Place the coupler on the motor shaft of both steppers.



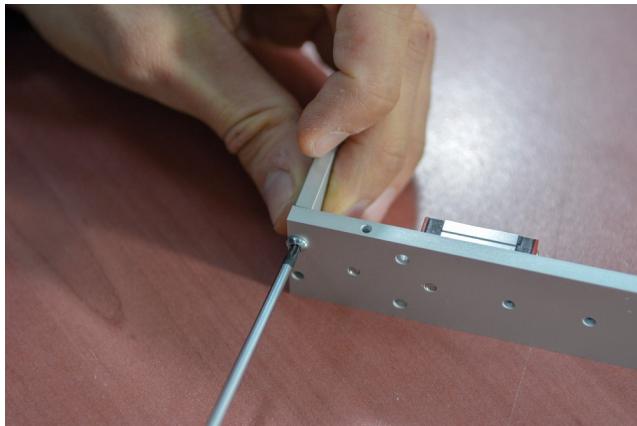
Step 8: Screw the »motor plate« with stepper and coupler onto the »linear base plate - inner«.



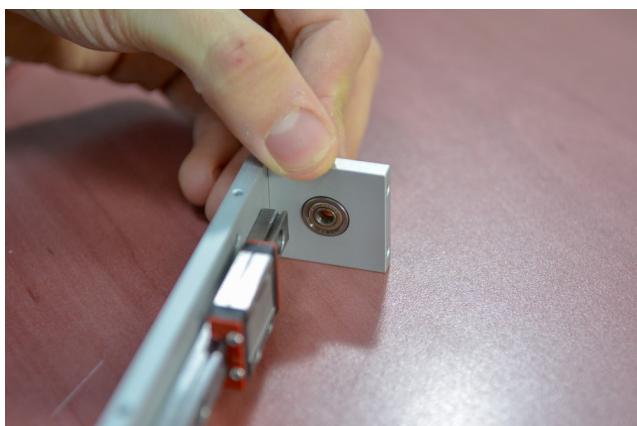
Step 9: Mount the linear rail onto the »linear base plate« as shown.



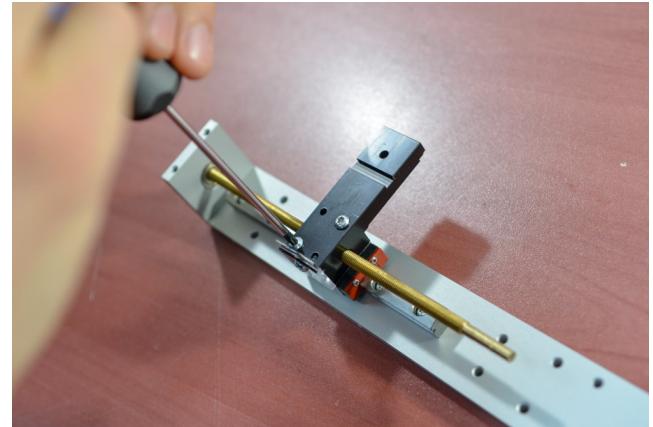
Step 10: Mount the »upper bearing plate« on the side of the »linear base plate«.



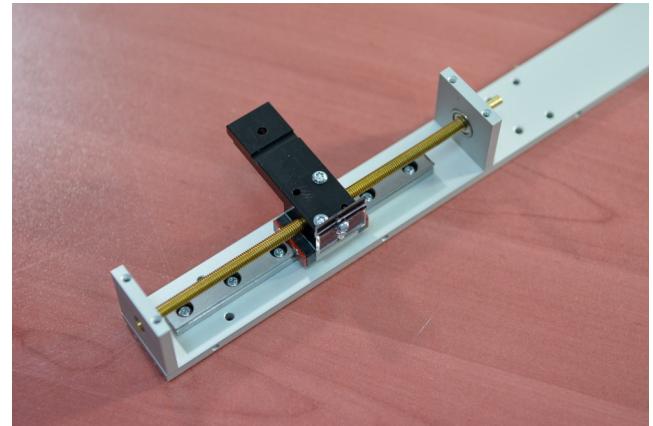
Step 11: Insert the bearing.



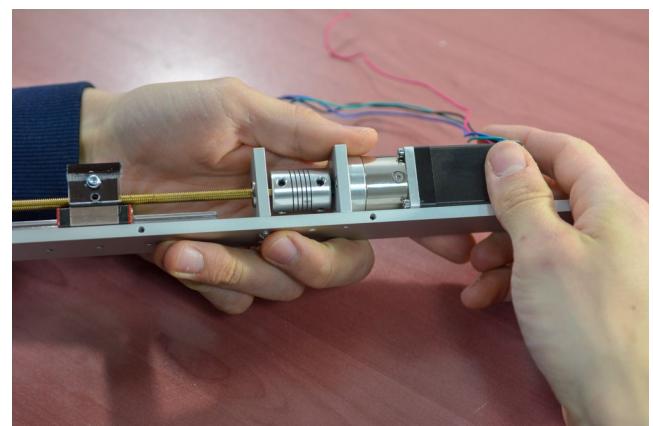
Step 12: Place the »piston« with the threaded rod onto the linear rail carriage.



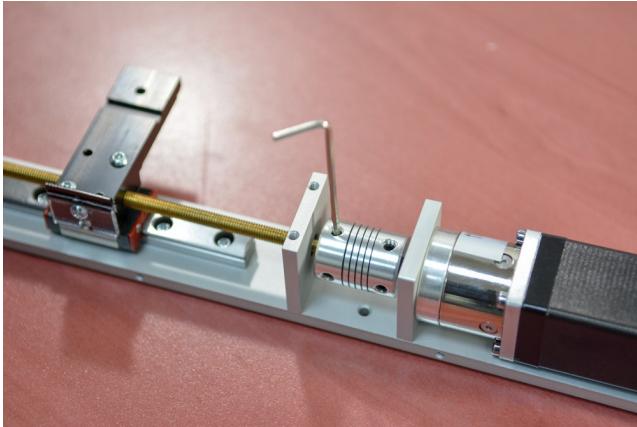
Step 13: Mount the »upper bearing plate« with the bearing inserted on the other side of the »linear base plate«.



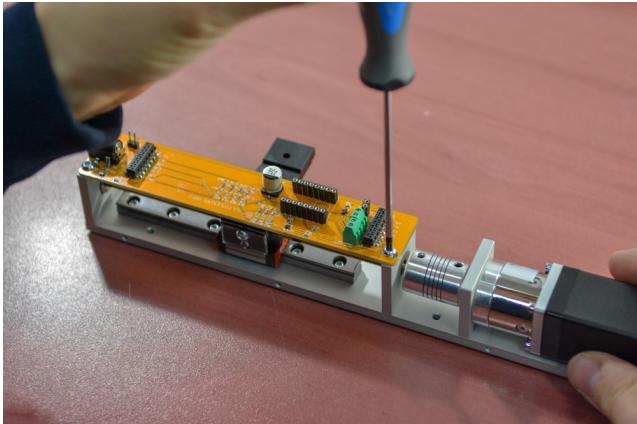
Step 14: Screw the »motor plate« with the stepper and coupler onto the »linear base plate«.



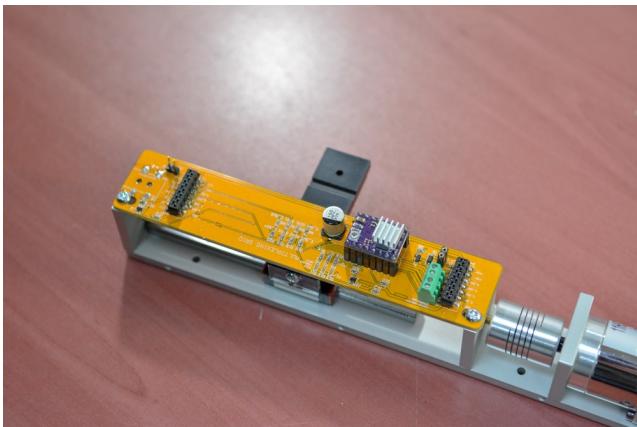
Step 15: Screw the coupler to threaded rod.



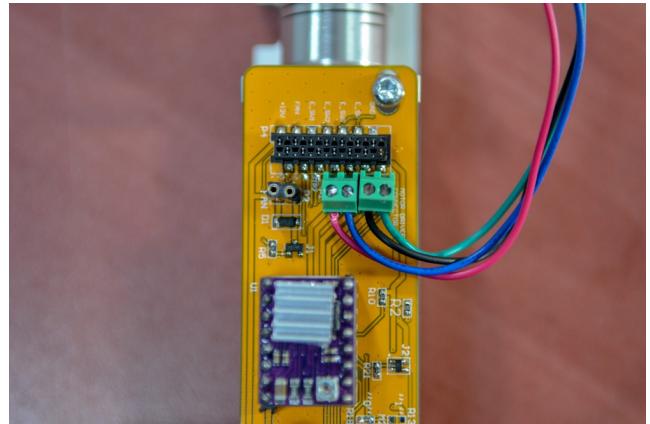
Step 16: Mount the PCB motor driver with a power connector onto the »linear base plate - inner« assembly.



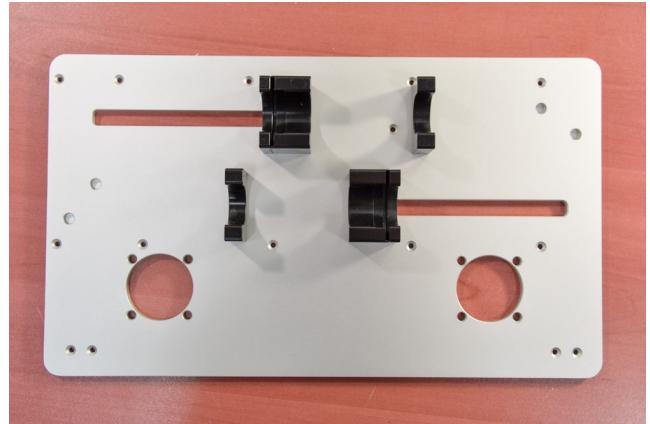
Step 17: Mount the PCB motor driver with a power connector onto the »linear base plate« assembly.



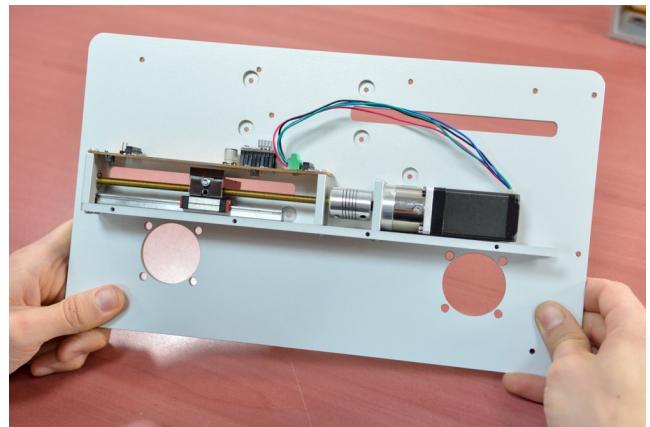
Step 18: Connect both stepper motors to the PCB motor driver.



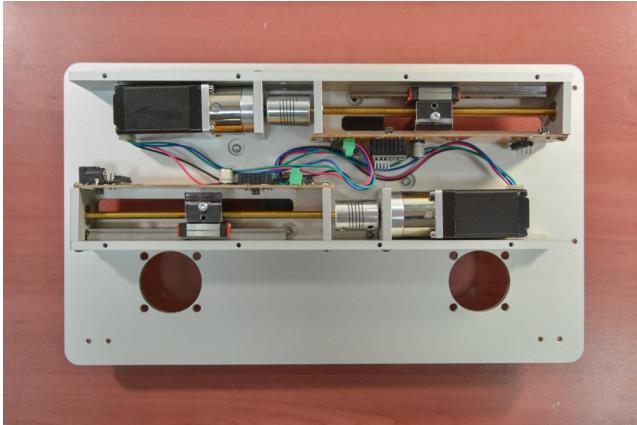
Step 19: Mount both the »tube holder front« and the »tube holder back« on the »table«.



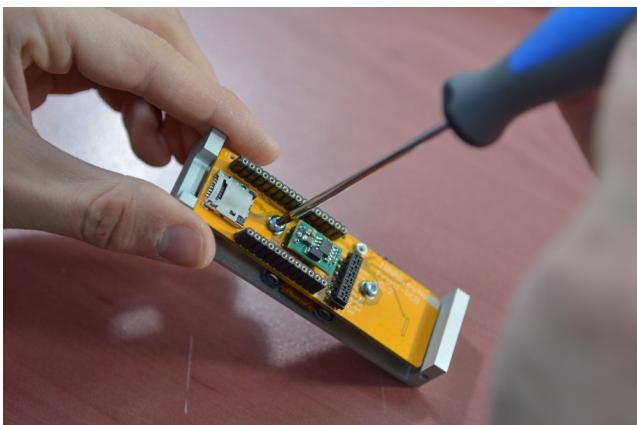
Step 20: Screw the »linear base plate - inner« assembly to the »table«.



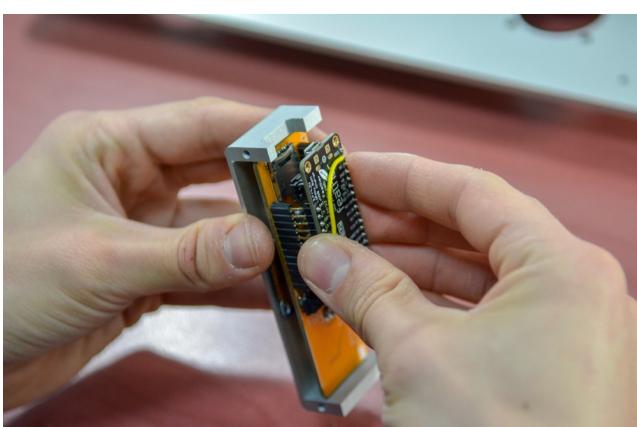
Step 21: Screw the »linear base plate« assembly to the »table«.



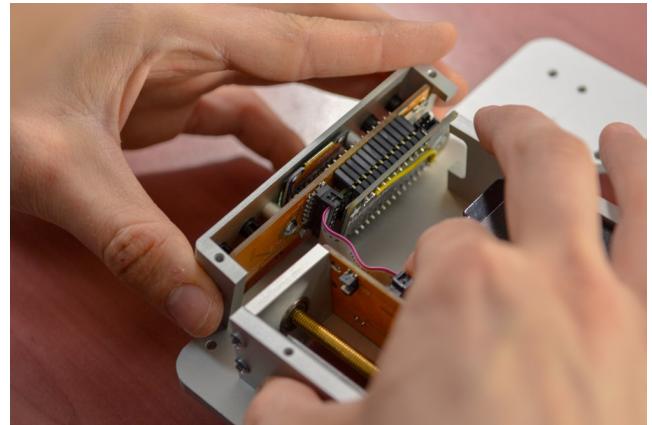
Step 22: Screw the »front PCB« on to the »PCB cover plate«.



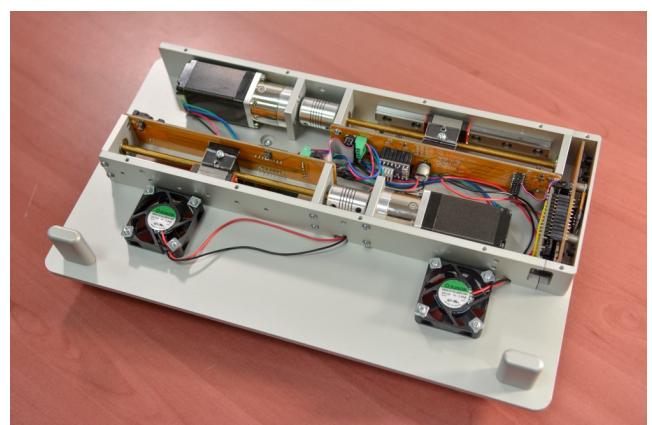
Step 23: Attach the Feather board onto the »Front PCB«.



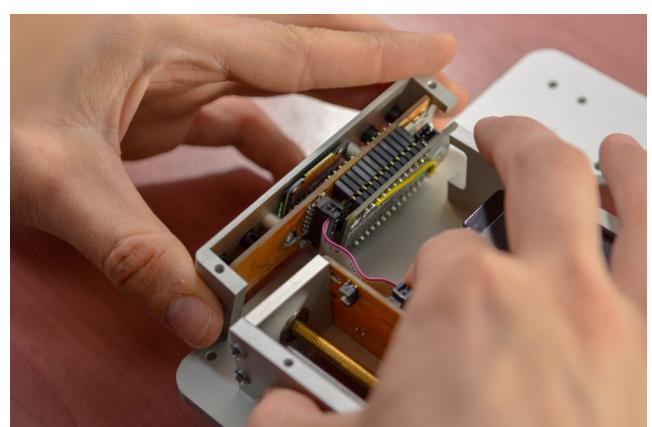
Step 24: Attach the connector from the »front PCB« to the »PCB Motor plate« on the »linear base plate« assembly.



Step 25: Attach the connector from the »linear base plate - inner« assembly to the »linear base plate« assembly.



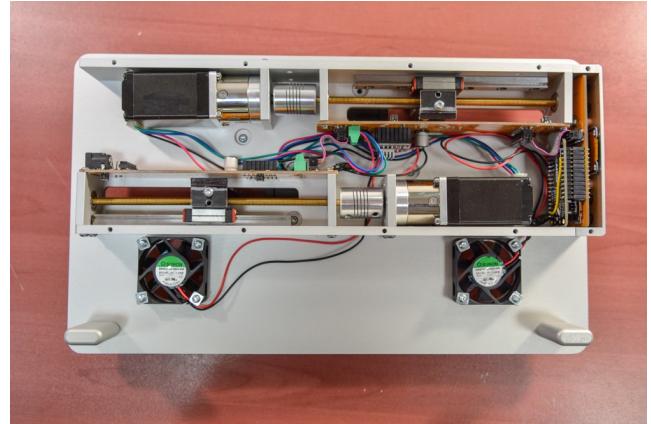
Step 26: Mount the »PCB cover plate« with the »PCB front« to the »table«.



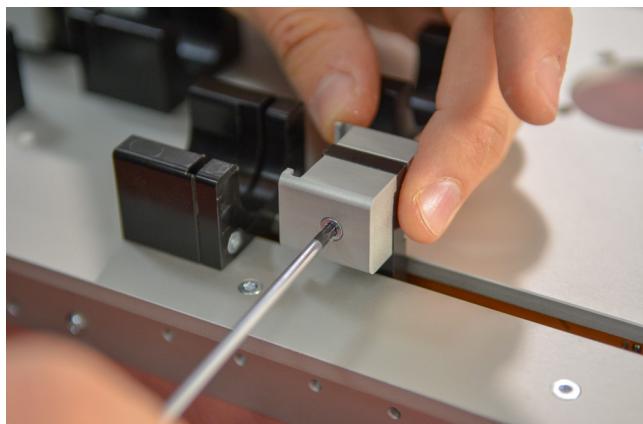
Step 27: Attach two »legs« onto the table.



Step 29: Mount and connect both fans.



Step 28: Assemble both »pistons«.



Step 30: Glue magnets into slots.

