

How to assemble a PCBMotor onto the base plate PCB

1. Place the base plate PCB on a flat, stable surface with the center screw facing upwards and put the 4 corner screws in place.
2. Lift the base plate PCB and, with your hand underneath the base plate, place a finger on each of the 4 corner screws to keep them in place when you turn the PCB over.
3. Place the PCB on a flat, stable surface with the screws facing up using a couple of books to leave room for the center screw and to hold the screws in place.
4. Now put washers and spacers on each screw.
5. Gently press the stator with rotors and coupling down onto the screws and contact pins.

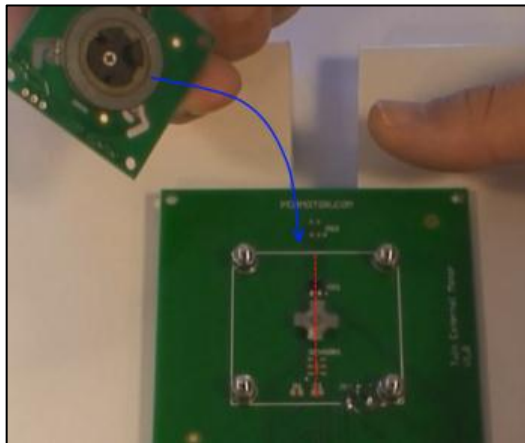


Image 1 - Check that the coupling and center screw are aligned before placing the motor on the base plate

- a. Make sure that the coupling engages and that the center screw is positioned between maximum and minimum (see Image 1).
6. Check that the stator is aligned with the white stator outline on the base plate PCB (see Image 1 above).
 7. Tighten the plastic nuts (and screws at the back with a small screwdriver) and check that the center screw still moves freely (see Image 2, below).

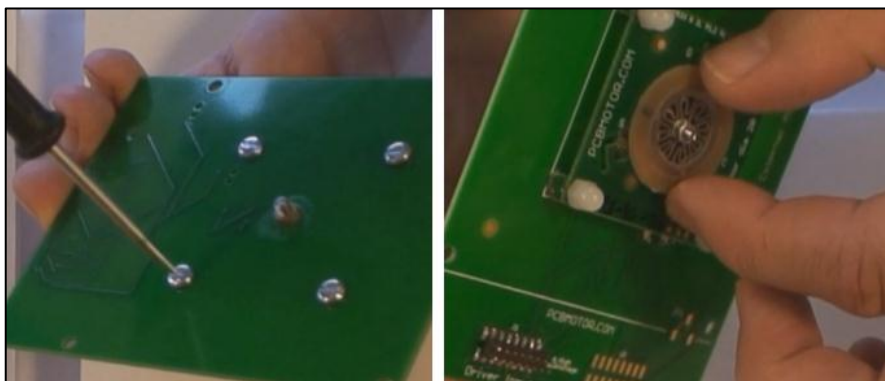


Image 2 – Gently tighten the screws on the bottom of the PCB and then check that the rotor turns