

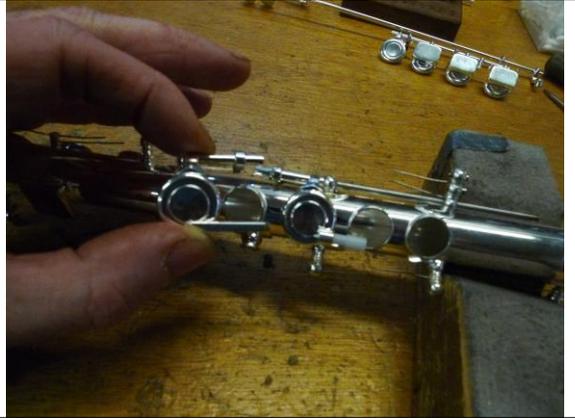
Flutelab 1 handed flutes

Information for technicians. For questions email to flutelab@gmail.com

- pads need to close very well, or this won't work.
- the extra bE key on the footjoint must close exactly with the D key. Foot rotation must not change. That is why footjoint is made tight. Foot can stay on body in the case.
- The top axle has 3 springs. The lower one must be placed first.
- all threads are metric.
- base for the stand is Konig Meyer 100/5 with an extension.
- the funny looking plastic parts are 3d prints. You can order the part with me or have it printed locally. I can send you the stl file. I use Formlabs Durable resin for these prints.
- If you have any improvement you want to suggest, you are more than welcome.
- headjoint tenon size is 19.75mm.

Order of assembly, shown on left hand flute

#G and bB keys. Dont tighten screw too much or key will bind



Trill keys. Leave top screw loose as you will have to undo it later.



Left hand group (right hand on right handed flute). D key needs a push to go between springs.



High C (thumb key on normal flute). The main axis has 3 layers; C key is on middle layer.

First loosen trill key top screw. Key goes in at an angle. The top end goes between the two springs (enters from the side of the hole). Hook on spring before putting point screw in.



A/B long key combination. Start with both point screws removed. But cups go under #G and bB key protrusions. Then hook on lowest spring (near D key) and put in lower screw. Then the middle spring then the top one, and finally the top point screw.

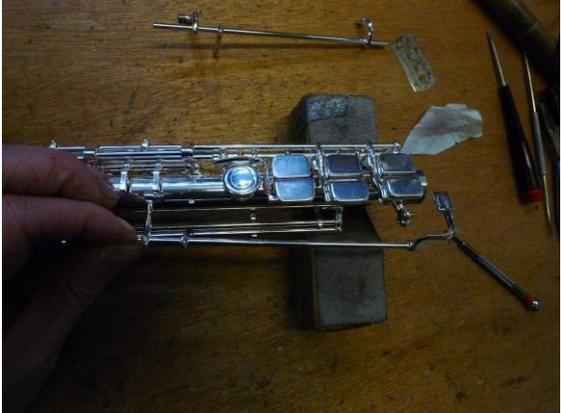


This is the bB rocker. Has its own spring. The long arm goes under the bB plastic roller. The long arm moves to the flute body when the spring is on. Some of them have a small piece of red plastic glued on (epoxy). If gone, replace with some 2mm material.



Then the lower thumb key. This operates the high #C key.



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| <p>Upper thumb key moves the rocker you just installed. Does not have its own spring.</p> | <p>(no picture)</p> |
| <p>This is the #G key, operated by the pinky finger. It goes on double-ball pillars, on the inside. Must move freely.</p> |  |
| <p>Now the bB lever. It fits on the double-ball pillars, on the outside. Its arm goes over the #G you just installed.</p> |  |
| <p>This is the footjoint extra bE key. It moves in unison with the D key and must close exactly together with the D. Footjoint rotation is critical for this action. Better the player leaves the footjoint on. To prevent the tenon seizing up it is treated with microcrystalline wax.</p> |  |