



# Adjusting Screws on the Nuvo Flute

The following photos and instructions will help if you feel that you need to make adjustments to the screw settings on the Nuvo Flute.

The flute is set up correctly when it leaves the workshop but some settings may need to be adjusted over time.

The way the Nuvo flute adjusts is the same in principle as adjusting a regular metal flute so any flute repair shop will be able to assist. If you are reasonably confident with your mechanical skills, the following instructions will help.

## IMPORTANT TIPS!

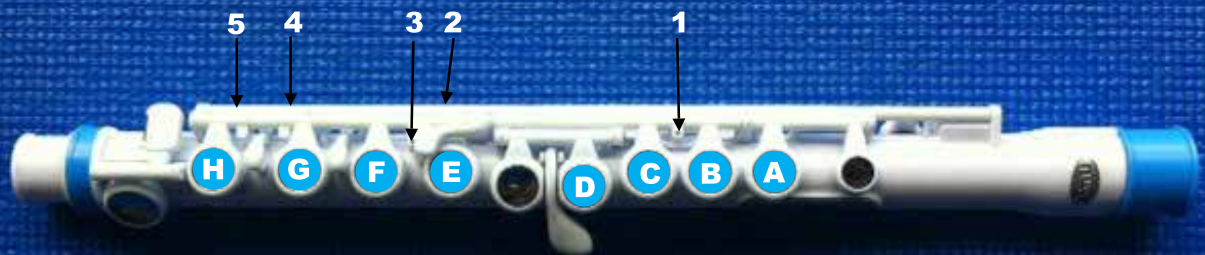
Don't try to adjust the screws unless you are clear about what is happening when you turn the screw.

The screws are hex head and should not burr, however it is important to make sure the screwdriver is fully inserted into the head socket before you start to turn. Otherwise you may damage the screw.

Very small movements in the screw result in quite big changes in the key setting so, go easy! No need to make dramatic changes in the screw settings.

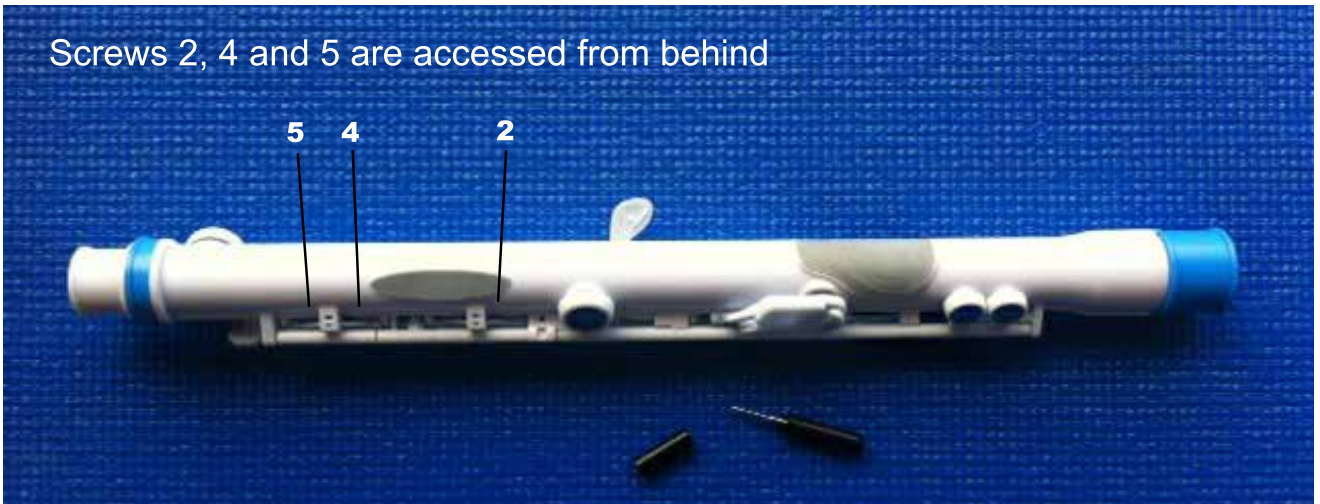
There is a sequence to follow when checking the settings and making adjustments.

## Key and Screw Reference Chart

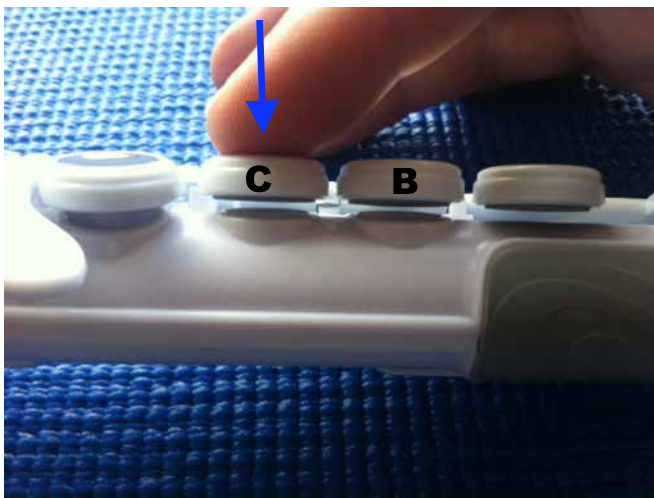


Screws 2, 4 and 5 are accessed from behind

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Now start the adjusting process, following the correct sequence below.



### STEP 1 - Adjusting key B and C

Depress key C with the index finger. If the keys are correctly set, key B should close and seal EXACTLY the same time as key C.

You can make adjustments by small movements of screw 1. Remember, just small movements are needed.



If key B is closing before key C then you should adjust the screw out by turning it counterclockwise. If key B is closing after key C then you should adjust the screw in by turning it clockwise. This is the principle for adjusting all the keys. If you are satisfied with the relationship between B and C, move on to step 2.

## STEP 2 - Adjusting key E and F

Depress key F with the index finger. If the keys are correctly set, key E should close and seal EXACTLY the same time as key F.

You can make adjustments by small movements of screw 2 which is accessed from behind. Remember, just small movements are needed.

If E is closing too early, turn the screw counterclockwise. If E is closing late, turn the screw clockwise. Once it is correctly set, move on to step 3.



## STEP 3 - Adjusting key E and G

Depress key G with the index finger. If the keys are correctly set, key E should close and seal EXACTLY the same time as key G.

You can make adjustments by small movements of screw 4 which is accessed from behind. Remember, just small movements are needed.

If E is closing too early, turn the screw counterclockwise. If E is closing late, turn the screw clockwise.



## STEP 4 - Adjusting key E and H

Depress key H with the index finger. If the keys are correctly set, key E should close and seal EXACTLY the same time as key H.

You can make adjustments by small movements of screw 5 which is accessed from behind. Remember, just small movements are needed.

If E is closing too early, turn the screw counterclockwise. If E is closing late, turn the screw clockwise.



## STEP 5 - Adjusting key B b key linakge (F to B)

Depress key F with the index finger. If the keys are correctly set, key B should close and seal EXACTLY the same time as key F.

You can make adjustments by small movements of screw 3 which is accessed from the top. Remember, just small movements are needed.

If B is closing too early, turn the screw counterclockwise. If B is closing late, turn the screw clockwise.





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Your flute is now fully adjusted and should play without any leaks. If you are still experiencing leaks, try making further small adjustments and test play the instrument between small movements of the screws. You should be able to get all keys sealing perfectly. If you still can't make it seal, check for any dust or debris that may have accumulated on the pads. Remember, you can always dump the whole instrument in a bath of water to give it a good clean.

The setting process described above relies on your eye to judge whether the keys are closing simultaneously. This is not always easy for everyone and in the workshop we use a light stick to help with this process. If you are at all concerned about doing this, I suggest you seek advice from a professional repair shop who will have a light stick and no doubt years of experience adjusting flutes.

Finally, I am always happy to hear directly from you if you have any problems at all with your Nuvo flute. We can only learn and improve our products by listening to the feedback of our customers. I am also always interested to hear from flute technicians. Should you have any difficulty in completing a repair, please contact me directly at [max@nuvo-instrumental.com](mailto:max@nuvo-instrumental.com) and I will do my best to assist.

Best regards,

Max Clissold

Max Clissold  
Founder and CEO