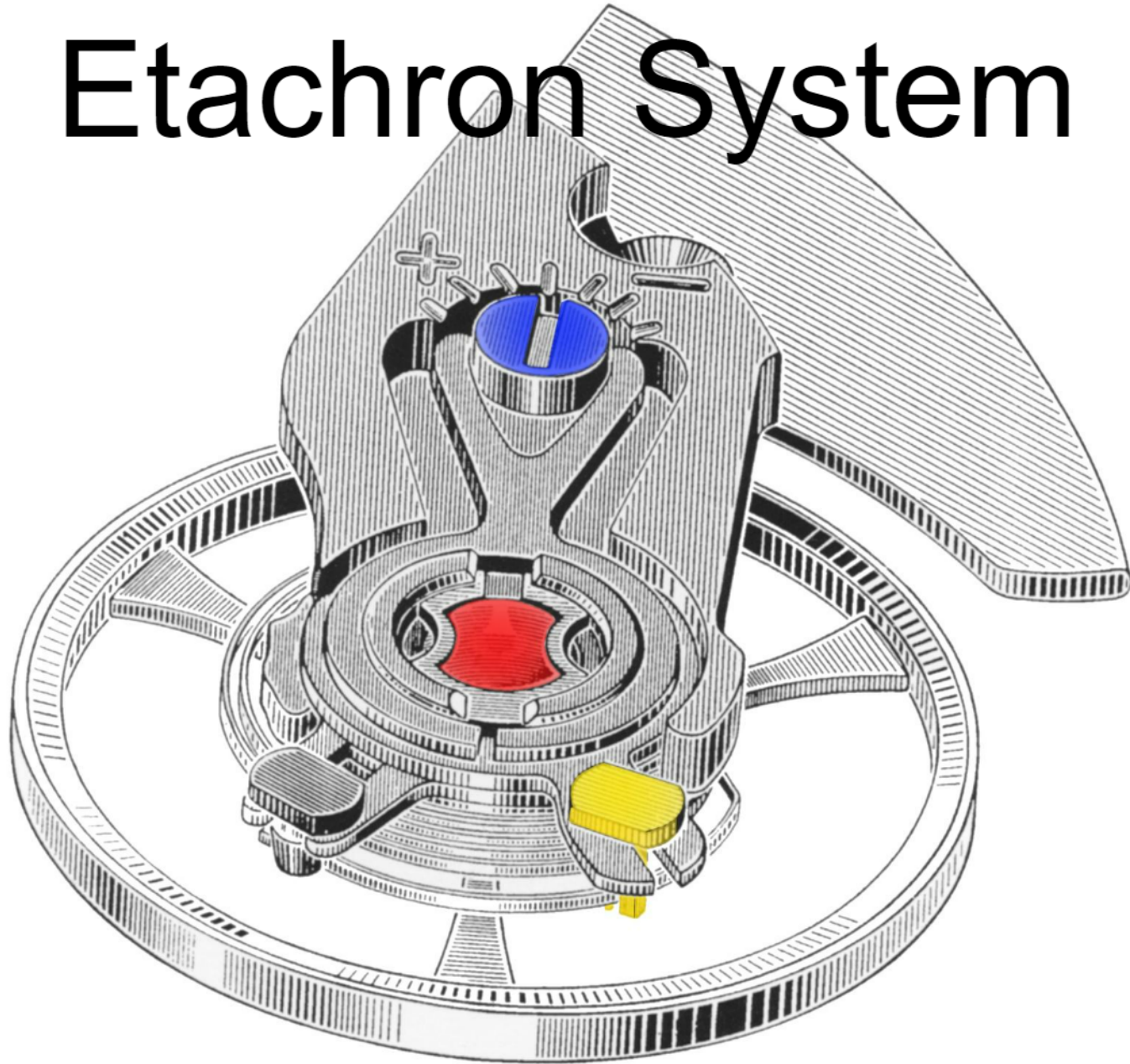


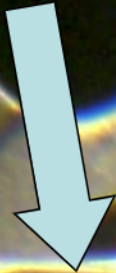
Etachron System



A close-up photograph of a metal adjustment tool or key. The tool is dark in color, possibly black or dark grey, and has a cylindrical body. At the top, there is a hexagonal head with a central hole. The background is a soft, out-of-focus light color.

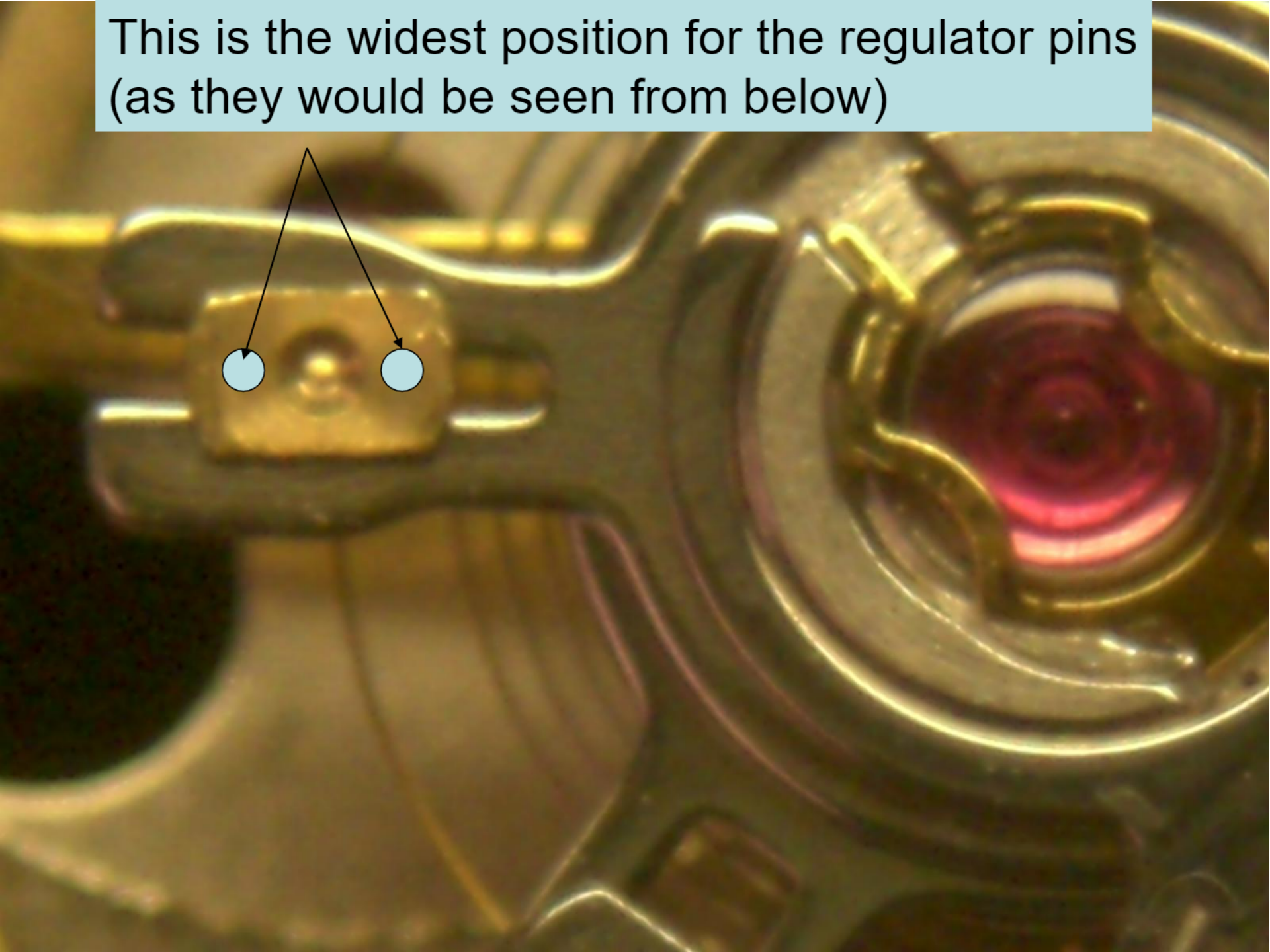
The adjustment tool or key

You must always open the regulator block first



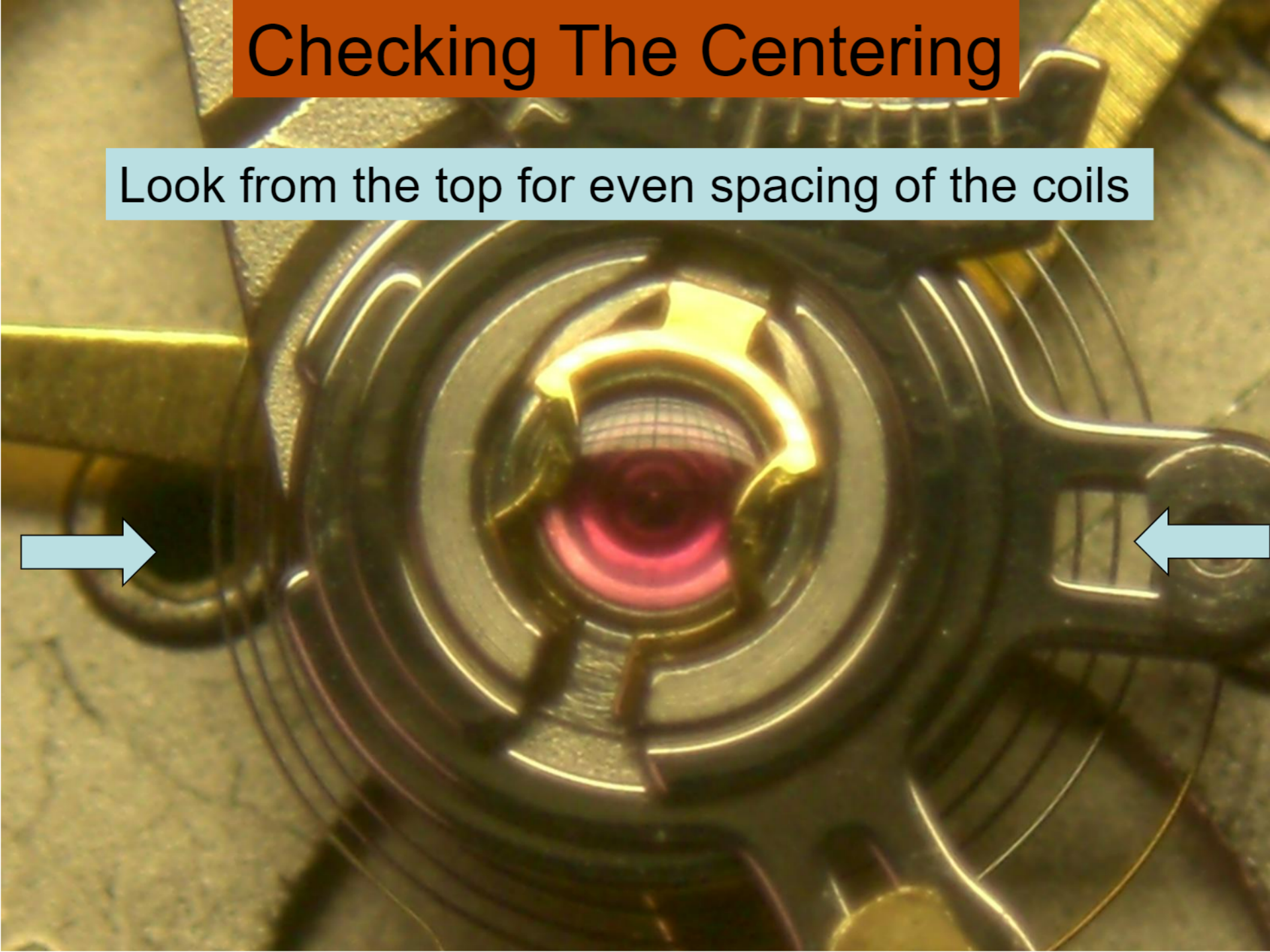
Turn block counterclockwise

This is the widest position for the regulator pins
(as they would be seen from below)



Checking The Centering

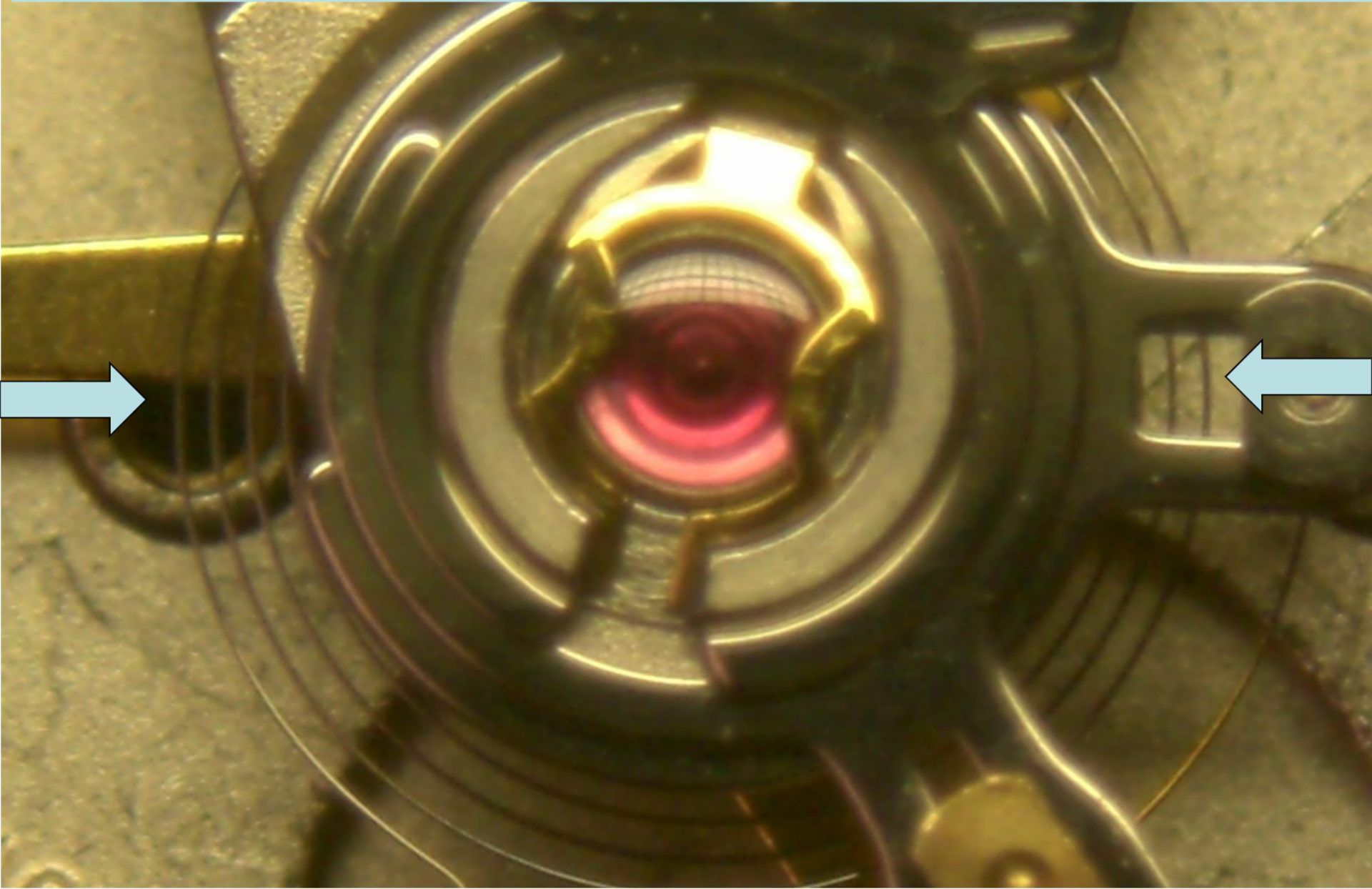
Look from the top for even spacing of the coils



Place tool on the stud block & slightly rotate (back and forth) to center the hairspring



It is best to view the spacing from two different positions by simply turning the movement.



Now... look down at the centering between the regulator pins & hairspring...



To adjust the spacing at the regulator pins, **slightly** turn the stud block in the direction needed **while viewing** the spacing between the regulator pins and the hairspring.



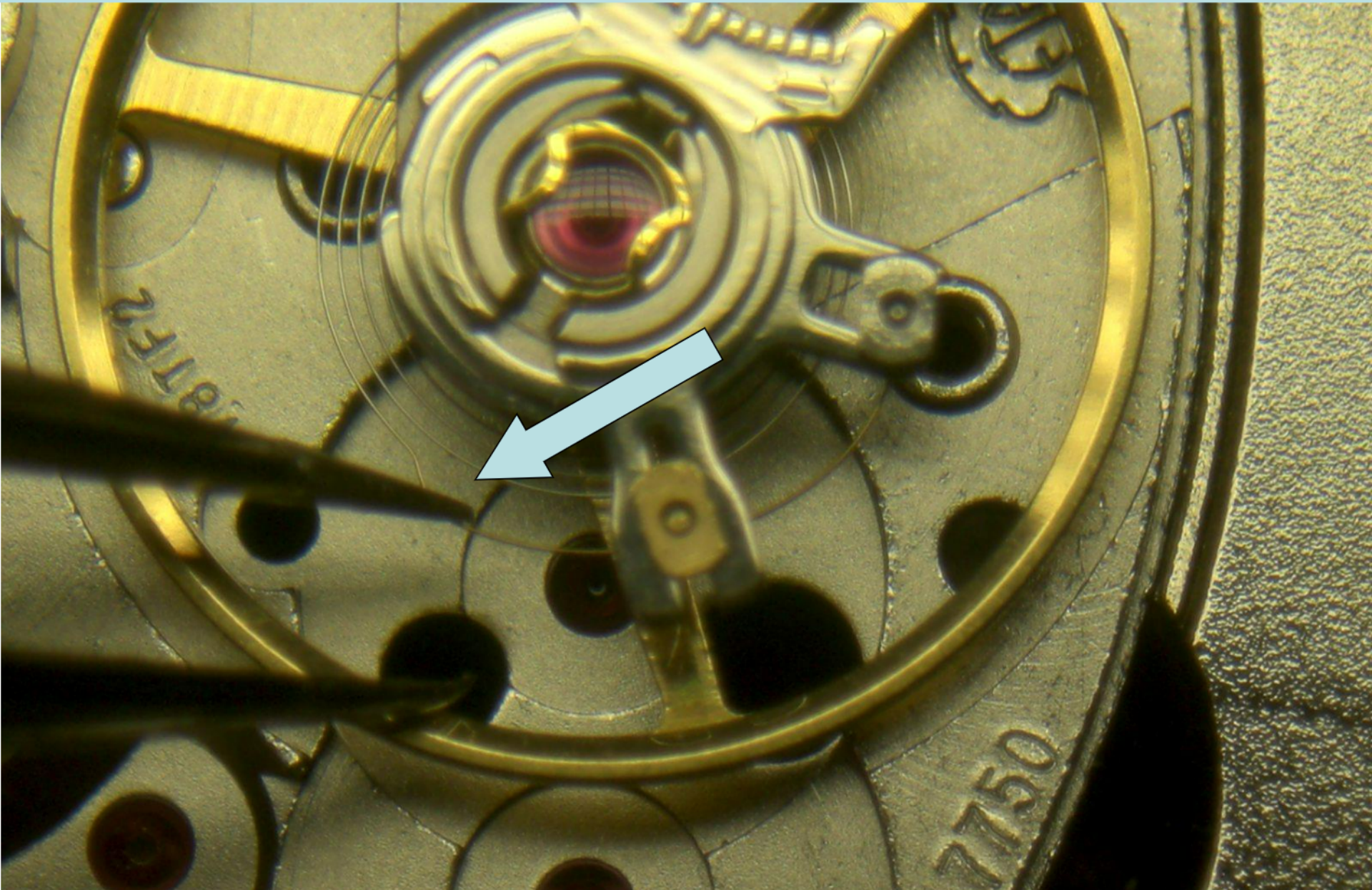


The hairspring is now centered

You **must** now go back up on top to see if the hairspring is still centered... (and if its not)



...you must now manipulate the centering with the use of tweezers.



With one tong of the tweezers, slightly pull (or push) out (usually between the regulator & the knee of the hairspring) until centered.



Now that the hairspring has been re-centered with tweezers...

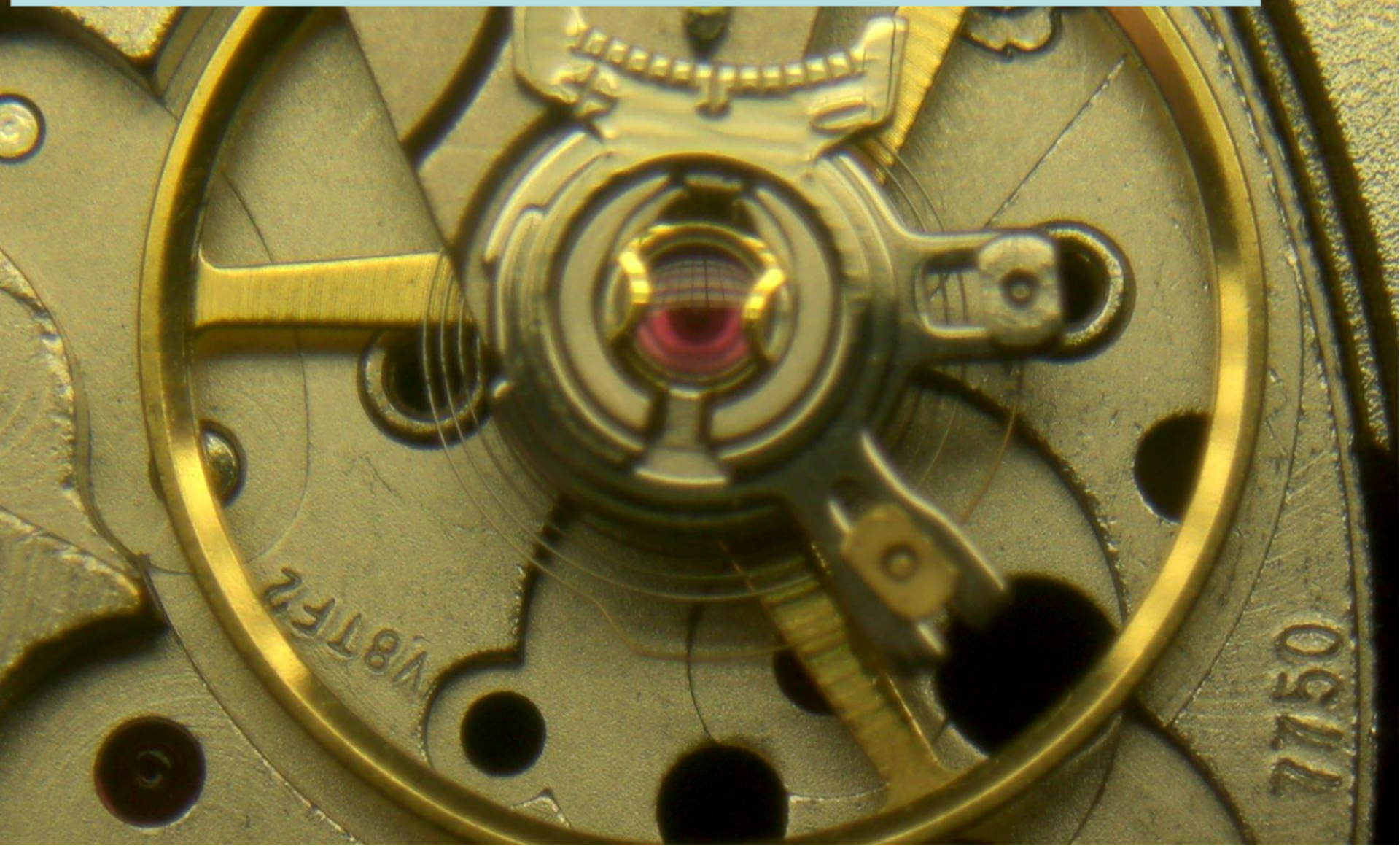


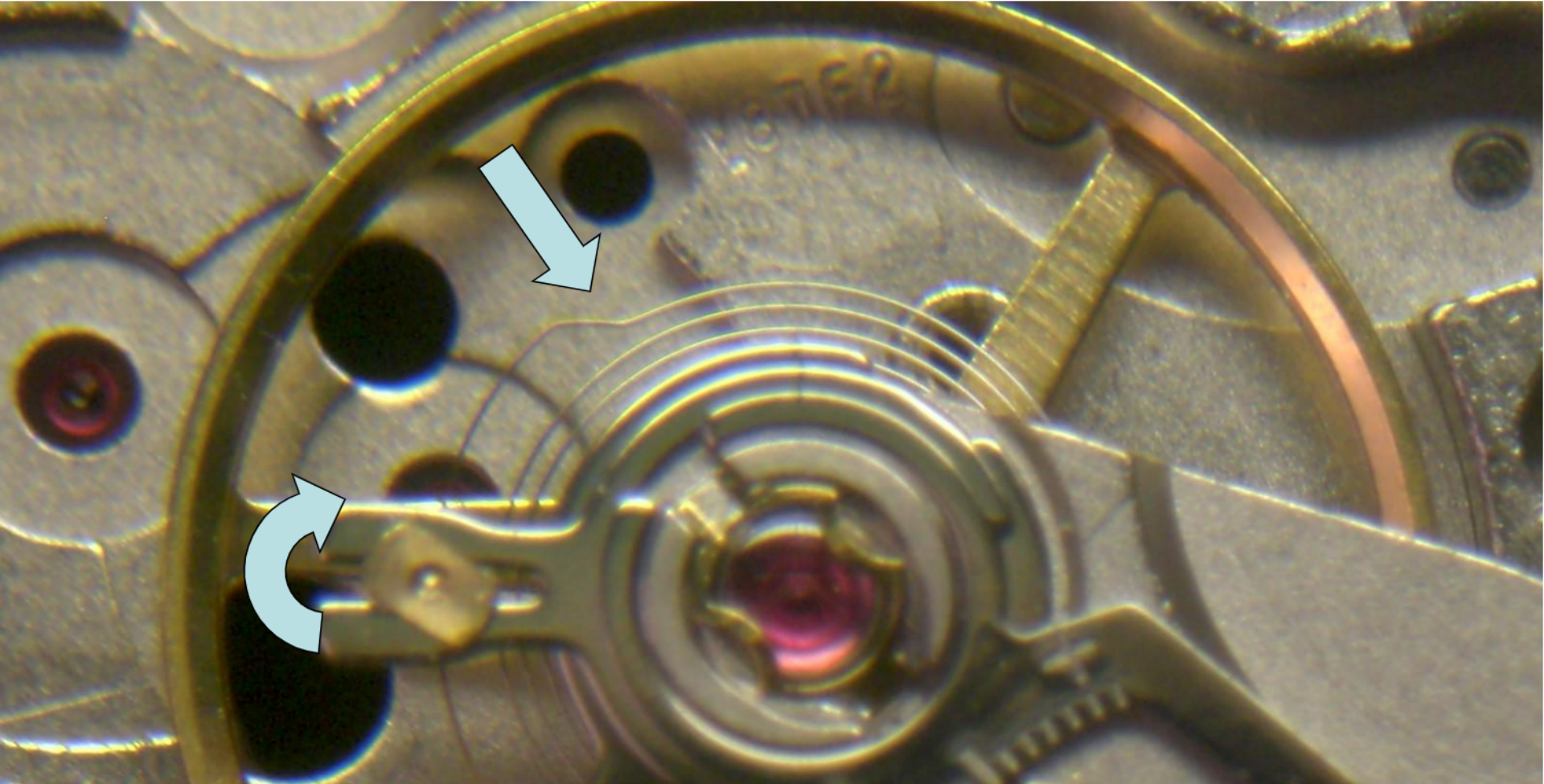


You must return to the regulator pins to check for the exact centering of the hairspring, once more.

You may micro adjust this spacing with the ETACHRON tool at the stud

Now go back to the top and check the centering
if any adjustments were made at the regulator pins
...and if it remains good...





Vibrate the balance and view with your loupe the spacing between the hairspring and the regulator pins as you rotate the regulator block to minimize the spacing. Rotate the regulator block clockwise to close (like the knee)