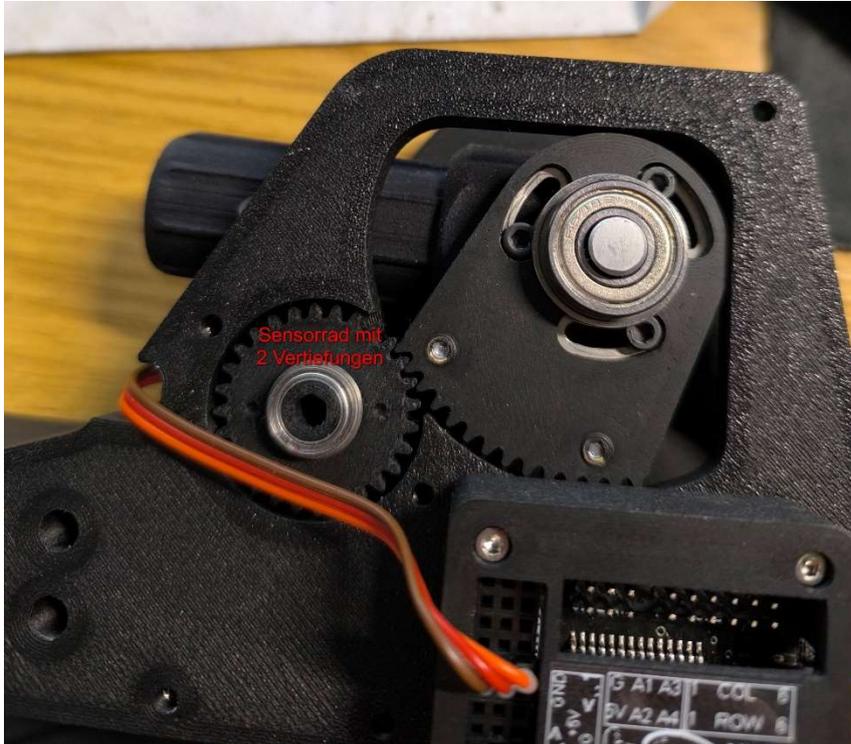


## Collective Base Evo2

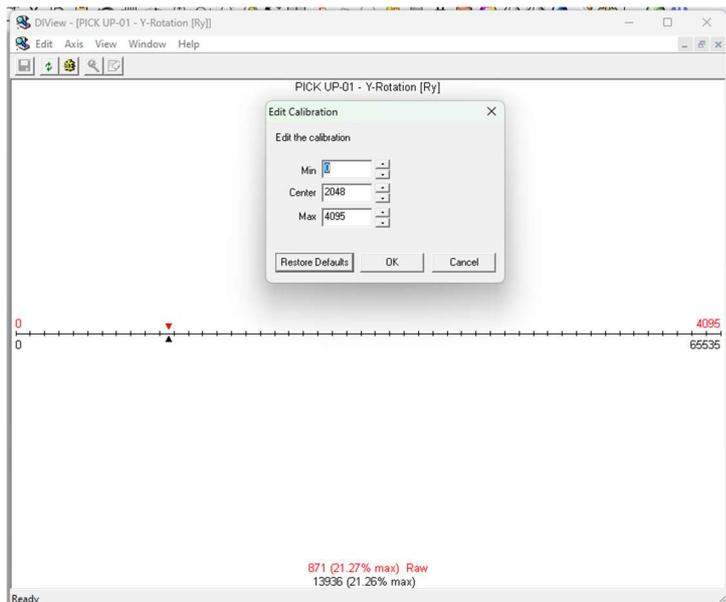
### Sensor adjustment and calibration

Please remove the left side plate and the spring.



Connect the PICK-UP controller to the PC and open the DView.exe tool.

Insert the sensor wheel with the 2 recesses so that the recesses are horizontal and DView displays the lowest value for this channel.

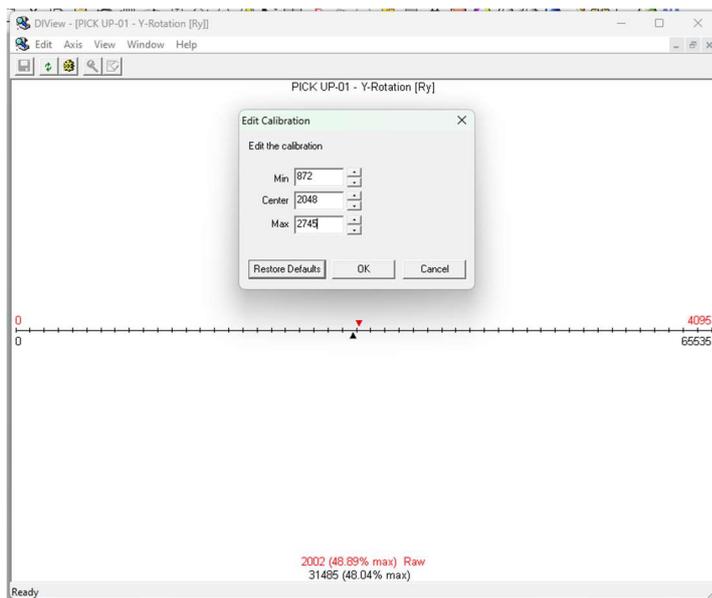
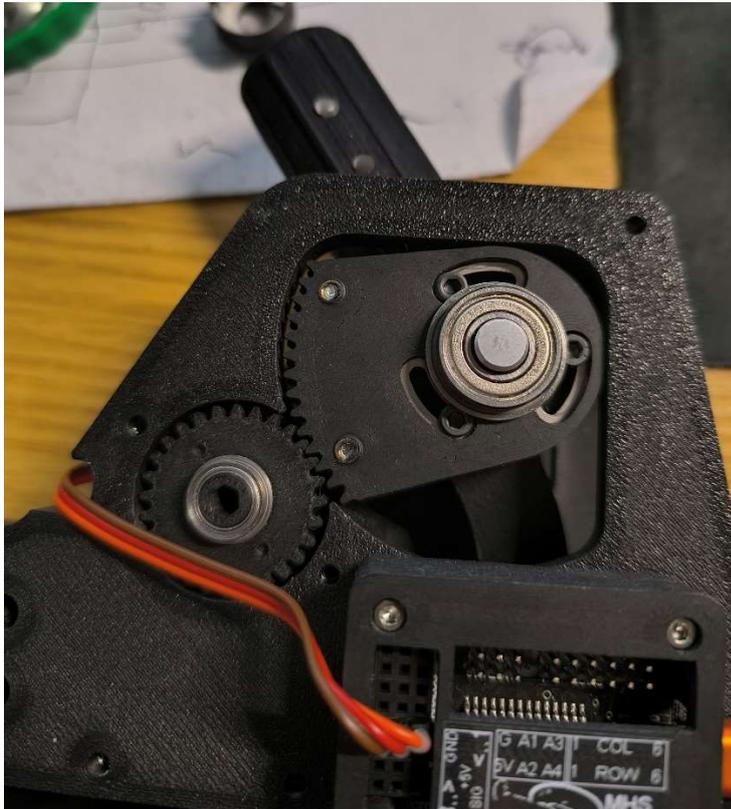


Here in the picture the red percentage (21.27%). If the values are above 70, insert the sensor wheel again rotated 180°.

setting instructions Col Base Evo2

Now you can set the minimum for the collective.

Turn the stick into the upper position.



Here the max. value was 2745, which was then entered for Max.

## setting instructions Col Base Evo2



The exact setting of the min and max values is done after the mechanical end positions have been determined.

Now reassemble the side plate and adjust the friction and the end positions.

## setting instructions Col Base Evo2

The Evo2 base has 2 additional adjustment ranges:

The operating resistance and the end positions.

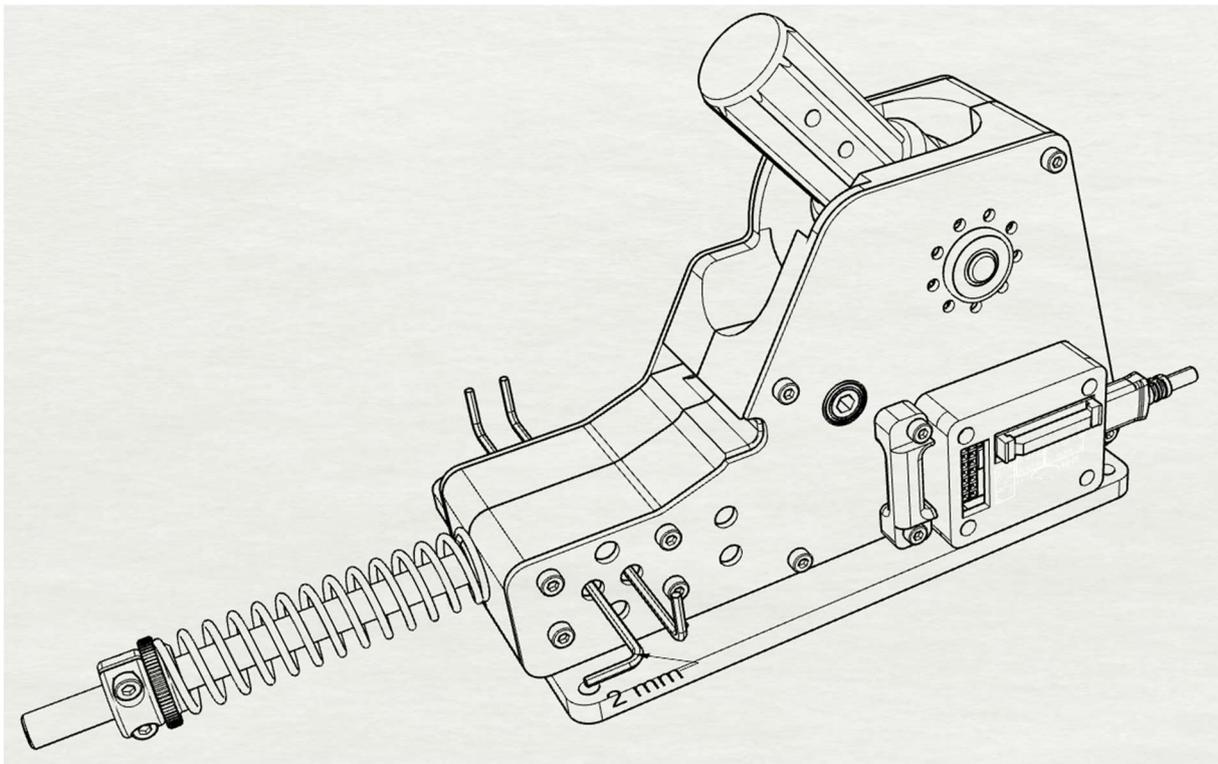
The setting of these points is described individually below.

### The operating resistance

the mechanism can be adjusted using 4 internal M4 threaded pins with a 2mm Allen key. The threaded pins press on the two inner friction elements, which then clamp the polished aluminum push rod.

To do this, these 4 threaded pins can be carefully adjusted using a 2 mm Allen key. Please adjust the 4 threaded pins as evenly as possible.

The adjustment points are shown in the picture by representing the 4 “key” positions.



The holding force can be adjusted to your preference. A realistic setting would have to push the stick slightly upwards in the lowest position (spring fully tensioned).

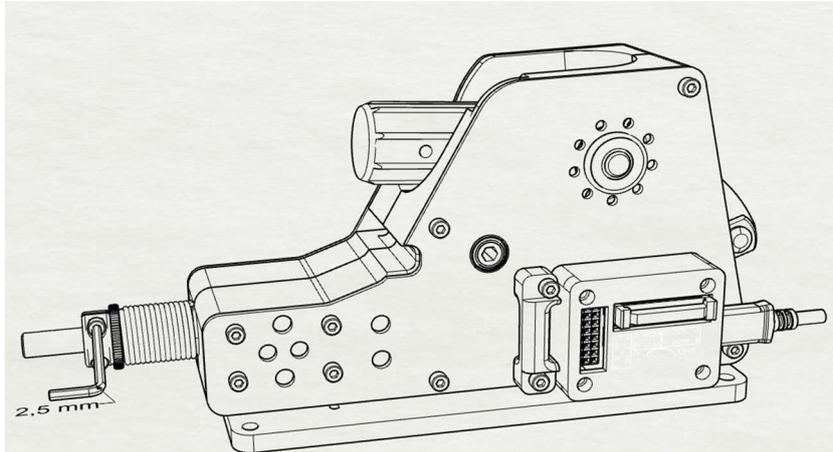
To correct any unevenness, which may be noticeable in the form of noise or jerking, simply loosen all four setscrews. Then screw them all in until you feel resistance. Then tighten all four again evenly to the same value.

## Setting the end positions of the collective stick:

The lower and upper position of the mechanism can be adjusted via 2 segment rings.

The ring visible on the outside of the aluminum push rod is responsible for the lower position. The ring has M3 screws with a 2.5 mm hexagon socket and can be easily moved on the push rod after loosening.

The picture shows the setting of the lowest position by moving the ring to the block position of the spring.



The upper position is reached by moving the inner ring. To do this, loosen one of the ring screws and leave the Allen key in the screw so that the ring stays in that position. Move the mechanism to the desired angle and fix the ring again.

