

rgb Assembly instructions

ORATEL



Congratulations to your new #rgb unicycle! First, you should start by unpacking the box-content and identify the following (19" version w/o brake-components):

- 1) seatclamp in black, red, green or blue
- 2) seatpost in black, red, green or blue
- 3) wheelset with tire, cranks and brake-rotor with rim in black, red, green or blue
- 4) frame in black, red, green or blue, bearing-shells, 4 screws
- 5) Shimano-brake incl. two fixing bolts
- 6) brake-caliper adapter IS > PM incl. 2 bolts, 2 thin washers for adjustment
- 7) brake-lever-mount, partially mounted under the saddle already
- 8) pedals
- 9) saddle

To assemble, you will need the following tools:
15 mm wrench, a 4 and a 5 mm hex-key, flat screw-driver or tire-lever.



1) Take the frame and find out where the bearing clamps - they also have a direction to put on.



2) Have a look at the bearing shells - they also have a direction to put on.



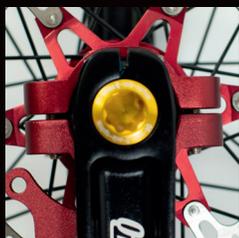
3) Put the frame on the wheel. On the inside of the left cranks should be an „L“, the disc should be lefthanded.



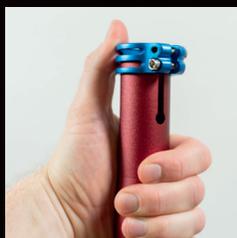
4) Put the frame with the seattube on the ground (just turn it round the wheel) to access the bearing-shells.



5) Put the shells on the counterpart like in 2), and insert the M6x25 screws with the blue nylok on.



6) tighten them in a way that both sides show an equal slot between cup & frame. The wheel should still turn smoothly.



7) slide the seatclamp with the slotted side on the slotted side of the frame until it stops.



8) now it is time to mount the handle mount brake bracket on the saddle



9) take out the two bolts on the front fixing the saddle handle with a 4 mm hex-key



10) slide the brake-lever on the brake-lever mount and tighten it in a way that it can still move in case of a crash but firmly enough that it does not move while riding / braking.

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QUAXLE



11) now put the bracket and lever with the rounded side facing forward under the saddle and tighten the two bolts back in the saddle



12) Check the seatpost-length, if necessary, cut it down with a tube-cutter. Take care of the min. insert-mark on the frame!



13) Put the seatpost on the saddle base with the scale facing backwards) and tighten it with the four bolts+washers previously loosely installed in the base.



14) The lever position is a personal choice, but this is how a typical position looks like



15) Time to put the adapter on the caliper. Choose the longer steelbolts with Nylok, put the adapter this way round on the caliper, a2z facing upwards.



16) tighten the bolts loosely on the adapter - later, the lateral adjustment is still to be done before fully tightening them.



17) The small bolts + washers are to fix the adapter on the frame, the washers are for more lateral adjustment if necessary



18) take out the orange pad-spacer and push the pads fully back with a flat screw-driver or a tire-lever, take care not to damage the pad-surface.



19) turn the brake hose around the seatpost if too long - or shorten it (video in our Youtube-channel), do not forget to bleed the brake then. Fix the brake-hose with the clips or cable-ties to the hose-guides on the frame.



20) Slide the caliper on the disc and fix the adapter firmly on the disc-brake-socket.



21) Now adjust the caliper - it's easiest on a bright ground (shining through between the pads/disc). Move the caliper left and right until you have a result like on this photo. Then tighten the two bolts fixing the caliper on the adaptor firmly. If the lateral play is not enough, use the two thin washers and place them between adaptor and frame-discbrake-mount to adjust further.



22) take the pedal with the „R“ on the axle and screw it clockwise into the crank with the „R“ on the crank (photo above). Same for the left - but tighten this on counter-clockwise.



23) Tighten both pedals firmly - check them as well as the crank-clamping bolts especially after the first rides.

Inflate the tire to the pressures given on the tire-flange.

We wish you lots of fun riding your #rgb unicycle! Please always wear a helmet and protective-equipment such as shin/knee and ankle-guards. Check and re-tighten pedals and crank-clamping bolts, frame-bolts regularly, especially in the beginning. When you feel something loose, stop riding! Check and fix before continuing.

Tutorials / instructions available on our website + www.youtube.com/quaxunicycles



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