

## Instructions

### How to assemble and use your Unicycle

#### Assembly Instructions

##### 1. Frame and wheel

- 1.a** The slot on the seatpost clamp must be behind.
- 1.b** The right crank marked with "R" MUST be on the right side, (if you use the pedals on the contrary, they will unscrew more easily, compromising the thread of the cranks).
- 1.c** Now let's connect the bearing holders with the frame. The screws of the bearing-holders should be tightened but not overly tightened. Please tighten the screws as far as the wheel does not shake. If you tighten them too much, you may easily damage the bearings. (N.B. the screw head has a tab that must be inserted into its slot in the frame).
- 1.d** If you use your unicycle for Trial, please mount the nuts of the bearing-holders upwards, so that, if you land on the floor with cranks and frame, you will not damage them, and you will be able to dismount your unicycle also in the future (some trials have screws that fit perfectly and do not stick out so that you will not hurt your ankles).
- NB** Some unicycles do not have nuts and the bearing-holders are machine-made. In this case there is only one direction to mount them.

##### 2. Pedals

- 2.a** The left pedal is marked with "L" and MUST be mounted on the left crank marked with "L". Screw the right pedal in the right crank! The markings are usually located on the inside of the cranks. The right pedal is screwed in turning clockwise. The left pedal is screwed in turning counter clockwise.
- 2.b** Put some grease on the pedal threads and tighten gently, but firmly! What does it mean? Please tighten with small movements (each one not more than  $\frac{1}{8}$  of a turn), using progressively more and more strength. If you use a 20-cm key, the final effort will be quite high. If you are not very strong, you will most probably be forced to use almost all your strength. But do it with caution! (If you break everything it means that the key used is too long or you are too strong!!!!).
- 2.c** Check every day your pedals. If you have light aluminum cranks and your pedals are slightly unscrewed, you run the risk to damage your cranks seriously.

##### 3. Cranks

- 3.a** As said, the right crank is marked with "R" and the left one with "L". The marking is sometimes small and usually in the inside of the cranks.
- 3.b** The clamping screw in the middle (hub) is usually a 14 one, or an allen-key, size 8. It must be tightened to the maximum, using a 30-cm lever. You can use screw locking (glue) to secure a proper tightened fastening, however NOT an extra-strong glue, otherwise you will be obliged to heat the cranks up to

250 °C in order to unscrew them (i.e. **Loctite270 NO**, **Loctite243 YES**, **Loctite222 YES**).

- 3.c** On a weekly base let's check, that the screws are properly tightened. If you hear strange movements of the cranks or pedals let's stop immediately and tighten everything is shaking or rattling. If you go on riding the screws will surely deform and become slack. In short time you will be forced to replace them.

##### 4. Saddle and seatpost

- 4.a** The slot on top of the frame must be behind. The seatpost clamp may have one or two screws or an uncoupling lever to adjust the height of your saddle. The seatpost must be tightened applying the method described under section 2.b (small movements of  $\frac{1}{8}$  of a turn). In case of a seatpost-clamp with double bolts let's tighten them gradually, one after the other, i.e. a bit one and a bit the other one.
- 4.b** Do not adjust your saddle without having opened the seatpost clamp!
- 4.c** It is easy to loose the nuts of the front and rear plastics, therefore let's check them on a regular base.

#### Instructions of Use

We recommend to use safety wear such as helmet, gloves, kneepads, elbow guards, shin/knee guards each time you go unicycling. Use your unicycle with caution to avoid falls, collisions and injuries to yourself and/or to third parties. Do not use the unicycle in traffic.

**What else to say ? ..... we wish you a "pleasant surfing in our Shop!"**

[unaruota.com](http://unaruota.com)  
[mad4one.com](http://mad4one.com)

If you have questions please contact us at

**+39 335 6042430**

or write to

**marco@unaruota.com**

**We are at your disposal 7/7!**