



## **edco service manual**

### **edition #3, "tire installation"**

Make your edco wheels "race ready" – you need some tires and inner tubes on your wheels. This service manual should support you to put tires and inner tube on your wheels.

If you want to ride the wheels "tubeless" have a look at our edco service manual, edition #1, "tubeless ready"

Our recommendation for edco wheels for tires and inner tubes is 23, 25 and 28 mm size. Typical descriptions are like this: tires/25-622 (ETRTO)/ 700 x 25C (French) , inner tubes/e.g. Race 28 fits for: 20-622, 22-622, 23-622, 25-622, 28-622, 22-630, 25-630/valve length: 40/60/80 mm

### **time**

You need about 30 – 45 min installation time for 2 wheels (1 wheel set)

### **preparation**

You should have by hand:

- 2 tires
- 2 inner tubes
- Valve extensions
- Air pump
- Tire lifters (plastic or carbon), e.g. Schwalbe, Pedros or Maxxis
- Soap water or Schwalbe easy fit

### **to start with**

Make sure that you have all tools and the tires by hand.

Some smaller points to consider – figure out the rotation direction of your tires and install them accordingly, make sure that the rim band or tape sits correctly in the rim channel, check that you have the right valve and valve length available.

And if you want to install it in a professional way, the tire brand should sit above the valve hole; the hub branding of the front wheel should show to the driver, the quick release levers should sit on the non-drive side (mainly all bikes this is the left side of the bike).

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## Installing the tires

Inflate the inner tube with a little air pressure, max. 0,3 bar.

Put some soap water or the easy fit on the inside of the rim and the tire wall – this helps you a lot to get the tire over the rim.



Pic 1, Easy fit on tire wall

Put on side of the tire over the rim and move the tire wall into the rim bed. Next take the inner tire and press the valve through the valve hole and fix the valve with the screw. Use valve extensions to make sure that the valve is at least > 2 cm outside the valve hole.



Pic 2, valve extensions



Pic 3, valve length

Put the inner tire completely into the tire and the rim bed and lift the second side of the tire onto the rim. Start to put the tire first at the area of the valve hole over the rim and work away from your body to move the tire completely over the rim. Make sure that you handle everything carefully.

In case you find the work too hard use 3 tire leavers to support your work.



Pic 4, tire in the rim bed



Pic 5, tire over the rim (you may want to use/support your work with tire levers)



Pic 6, tire levers

After you have put the tire completely over the rim start to inflate the tire with little pressure, up to 1-2 bars. Roll & bump the complete wheel a bit on the ground to make sure that everything finds its place in the wheel.

Then you can start to inflate the tires to your comfortable riding air pressure. We recommend an air pressure between 6 – 8 bars for riding.

### **Safety tips**

- Always ride safe.
- Check wheels and brake pads before and after each riding.
- Replace used or defect tires immediately.
- Clean your wheels on a regular basis.
- Make sure that the quick releases are tightened.

### **Technical support**

If you need more support don't hesitate to visit [www.edco.ch](http://www.edco.ch) or send an eMail to: [service@edco.ch](mailto:service@edco.ch)

Enjoy your ride – wherever the road takes you.