



## **edco service manual**

### **edition #1, “tubeless ready set-up”**

Every edco wheel from model 2017 onwards is ready for a tubeless ready set-up. The rim profile is called CTR2 or higher.

This service manual should help you to make the wheels ready for tubeless rides.

### **time**

You need about 30 – 45 min installation time per wheel.

### **preparation**

Make sure you have tubeless ready tires available – we recommend Schwalbe Pro One tubeless-ready tires (23 or 25 mm) for tubeless easy installation.

If you have the opportunity un-wrap the tire and put it on an old rim for some days before you start to mount the tire on the tubeless ready rim.

You should have by hand:

- High pressure air pump, up to 15 bars, an air booster or a compressor
- Tire lifters, at least 2
- Tubeless ready sealant (Dichtmilch), we recommend stans no tubes or Schwalbe
- Enough tubeless ready tape, we recommend stans no tubes or Schwalbe, for our wheels with a depth of 17 or 19 mm
- Tubeless valves
- Valve core remover tool
- Valve extensions if necessary
- Cleaning liquid, e.g. cleaning benzene
- Enough soft cloth
- Liquid soap
- Scissor or cutter
- screwdriver
- Gloves

### **to start with**

Make sure that you have the right (tubeless) tire around you (already figure the “running direction” out).

Re-move the plastic rim band with a small screwdriver from the edco wheel.

Clean the rim channel with cleaning benzine and make sure you have a dry and clean rim in hands.

Put the rim tape with strong pressure onto the rim channel. If you have a 17 or 19 mm rim tape you can do two layers of tape (we experienced that one layer properly set-up is good to ride).

Starting about ~3 cm before the valve hole and overlap the tape about ~5 cm over the valve hole. Use the cutter to do a cross-cut at the valve hole, do not remove any tape or create a hole.

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Insert the tubeless valve and if necessary mount the extensions and fix it on the rim (read user manual first).

Put some liquid soap on the side of the tire and on the rim wall. This will help you to slip the tire in an easy way over the rim wall.

### **put the tire on the rim**

Now you need to put the tire on the rim.

Make sure you figured the running direction of the tire out. We recommend the set-up of the wheel and hub in the direction that the rider can read the edco logo sitting on his saddle. A good look appears as well if you put the tire logo directly above the valve hole and the edco product name branding.

First use the power of your hands to put the tire over the rim.

You maybe need to run different attempts until you get there. If it is too hard for you can use the tire lifters in a very careful way to put the tire on the rim.

If you have the tire on the rim pressure the tire into the rim bed. You can now start to inflate the tire with high pressure; best if you can use a compressor or an air booster.

The tire must jump fully into the rim bed. You may need some rounds to go until the tire is fully fixed. If the tire jumped fully into the rim bed you hear a "ping".

After the tire jumped fully into the rim bed de-flate the tire and clean the tire from the soap and keep the whole wheel dry from now.

### **tubeless readiness**

Use the valve core remover tool to remove the valve core.

When you are using the stans no tubes or Schwalbe sealant it comes in the size for exactly one wheel.

Fill-in the sealant via the valve using the bottles and the adapter (read user manual). After you filled the sealant into the tire you install the valve core.

Shake the wheel now, do a pause of 5 min, shake and turn the wheel again and again. Lay it down on both sides for about 10 min.

### **wheels are tubeless ready**

After shaking the tire several times you can pump it up to 3,5 to 4 bars.

Lay the wheels down on side and turn it around after 6 – 8 hours on the other side.

After 24 h you can inflate the tires with the recommended pressure.

We have made the experience that 5 – 6 bar are a good pressure on road bikes for tubeless ready wheels. But figure out what is best for you.

### **riding tubeless**

Your wheels are now ready for tubeless rides. Due to the good quality of the tire and the sealant in the rim and tire you should be very secure against running flat. If you recognize a shrinking air pressure you should still be able to run some 20 – 30 km until the tire goes fully flat.

In case you want to be on the secure side you can always carry an additional tube with you. A tubeless ready tire can always be used with tube as well.

### **video support**

We have video episodes about the installation steps available as well. They will be launched very soon on our new you tube video channel. You can request the videos upfront as well via: [sales@edco.ch](mailto:sales@edco.ch).

Enjoy your ride – wherever the road takes you.