



INSTRUCTIONS AND SAFETY WARNINGS



The PTN Gravel Sport high-performance tire inserts are made for tubeless-ready tires and rims. Make sure to select the right PTN size and also note that the PTN Gravel-Sport tire inserts are compatible with tubeless-ready rims and tubeless-ready tires only.

We recommend having the tubeless-ready tires /inserts installed by a qualified technician!

IN CASE OF
A FLAT TIRE

The PTN Gravel-sport insert can be ridden safely at low speed to get to your car or next service point.

Fase 1 | Recommended tools



- 1 - Gravel-Sport tire insert
- 2 - PTN Lufty2 Air vales
- 3 - Traditional tire levers
- 4 - Maxalami Noodle lever
(optional www.maxalami.de)
- 5 - Spray bottle with soapy water

Fase 2



Before the installation make sure that the rim and rim tape are in perfect condition.

Then begin by placing the Lufty2 air valve into the rim hole.

Fase 3



The fastening nut is tightened by hand until the valve stem is firmly anchored in the rim hole.

No Tools or pliers should be used. Over-tightening can destroy the rubber seal or create an air leak.

Fase 4



Turn the wheel so that the air valve is at the 12 o'clock position.

Then start to fit one side of the tire into the rim bed.

Fase 5



Put the PTN into the tire and slide it onto the rim bed.

Start as shown in the photo and push the insert onto the rim in the direction of the valve from both sides at the same time.

Fase 6



Now spray the tire side and rim wall with soapy water. This trick makes it easier for the tire to slide onto the rim.

DO NOT use lubricants or tire wax as they can cause damage to the tires and carbon rims.

Fase 7



Start with hands at the 6'o clock position and push the tire into the rim, section by section. Do this with one hand on either side and push in the direction of the air valve (at the 12 o'clock position).

Make sure the tire edge remains positioned in the deepest part of the rim, which is in the middle of the rim bed. Leave about 10-20 cm at the end so you can fill in the sealant milk.

Fase 8



This method of filling in the sealant milk is highly recommended if the sealant milk is filled with dense granules, as it is not liquid enough to easily pass through the thin air valve shaft hole.

For the correct amount, please follow the manufacturer's instructions.

Fase 9



After the sealing milk is filled in, the rest of the tire can easily be pushed into the rim with the help of two tire levers.

The levers are moved slowly in the direction of the air valve.

The inflation of the tire should be slowly increasing to a maximum of 3.5 Bar/approx. 50 PSI. After this step, please make sure that the tire is sitting on the rim perfectly.

Fase 10



Filling the tire with a specific syringe is only recommended if the milk is very liquid, so blockages can be avoided.

The inflation of the tire should be slowly increasing to a maximum of 3.5 Bar/approx. 50 PSI.

After this step, please make sure that the tire is sitting on the rim perfectly.

Fase 11 | Removing tubeless-ready tires



Place the tire lever next to the air valve and slide it between the tire and the rim. It's important to also press the tire with your hand to release it from the rim flank. This makes it easier to lift the tire out of the rim with the lever.

To make the process even easier, spray a little soapy water between the tire and the rim.

Fase 12



Use a second lever to lift another piece of the tire out of the rim.

Important: Never use levers with sharp edges and never loosen the tire by pushing the lever sideways. This movement can damage the tire insert on the inside and cause cracks or long cuts in the foam. This makes the tire insert unusable.

For further information please visit our website
www.pepis-ptn.com

or email us at info@pepis-ptn.com