



BORN IN THE BLACK FOREST BUILT TO ENJOY NATURE

As of August 2016

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ATTENTION!

Please carefully read the entire user manual before using the Speedneedle.

1 INCLUDED IN DELIVERY

- 1 saddle

2 SPECIFICATIONS

- material: carbon / imitation leather, alcantara
- measure of saddle rail in clamping area: 7,5x9,5 mm (high-oval)
- length of clamping area: 70mm
- intended purpose: Komm-Vor Plus: Roadbike
Komm-Vor: MTB / Roadbike
- max. rider weight: 90kg
- max. torque: seat clamping 10 Nm

3 ASSEMBLY INSTRUCTIONS

To offer you optimal seating comfort for a long time it is important to follow these instructions:

Saddle clamping :

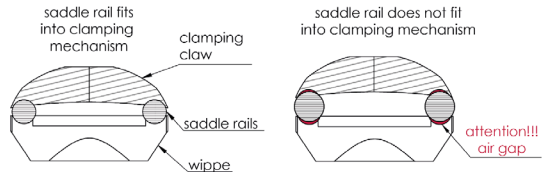
You mustn't clamp the saddle outside the reinforced clamping area. This clamping area ends where the saddle rails rise towards the saddle shell. **Only inside these 70mm** long clamping area the saddle may be clamped. Note it here especially the maximum tightening torques according to the instructions of the manufacturer of the seat post. Tighten the clamp of the seat post with the top border of the indication to, but not more than 10Nm. Just use the saddle combined with compatible seat-posts. Your seat-post is compatible with the saddle if the clamping mechanism of the seat post and the saddle rail feature the same diameter and thus the saddle rail fits backlash-free into the clamping (see figure 1). A list of compatible and incompatible seat-posts is published online (<http://www.tune.de/produkte/sattel>) in the menu item of the particular saddle. Please contact us or your dealer if you feel unsure regarding the compatibility of your seat-post.



Tipp:

- care instructions: check for accident damage after each use
- use carbon paste

Fig.1: Fit of saddle rail and clamping mechanism



ATTENTION!

Ride ahead and avoid compression peaks, i.e. at low, short unevenness of roadway they deliberately go out of the saddle and / or relieve it!

After the assembly please check whether there is enough space between saddle shell and the upper end of the clamping mechanism (normally the upper end of the clamping mechanism is the end of the clamping screws). During assembly you have to pay attention to the distance between saddle shell and the clamping mechanism because the saddle shell is bending while riding. The minimum distance between saddle shell and the clamping mechanism is 10 mm. If the distance is less on your bike you have to shorten the clamping screws. We offer screws in different lengths for our Tune seat-posts.

Adjusting the saddle position :

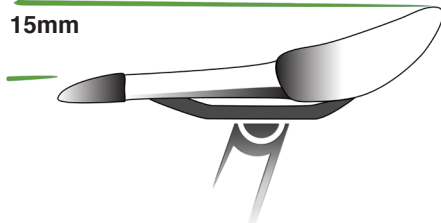
It will take some time to find your ideal saddle slant. If necessary you have to try out different positions. You ought to start with a horizontal saddle position and then change the position bit by bit until you find the position that is most comfortable for you.

To adjust the saddle horizontally you need a level and a rule. Apply the level at the highest point of the saddle shell. The vertical distance between the forefront of the saddle shell and the level should be 15 mm (s. fig. 2).

Fig.2: Horizontal alignment of the saddle

15mm distance between the front-end of saddle shell and a horizontal line starting at the highest point of the saddle shell (use a bubble level)

15mm



If you have any problem adjusting your saddle contact your dealer for help.

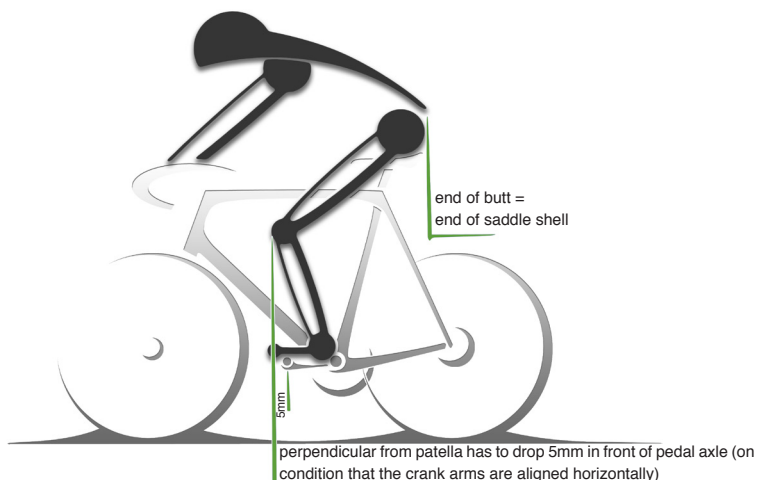
Adjustment of the saddle position in relation to the bottom bracket :

For adjusting the position of the saddle in relation to the bottom bracket regarding your individual body size you need a perpendicular.

Position your bike onto a horizontal surface, get on your bike and align your crank-arms in a horizontal position.

A helping person should drop down a perpendicular with an approximately one meter long string from the patella of your anterior leg. If the saddle position is correct, the perpendicular drops down 5 mm in front of the pedal axle. You should shift the saddle forward or backward until you reach this position (s. fig. 3).

Fig.3: Alignment of saddle position in relation to bottom bracket



4 WARRANTY

Warranty:

Tune grants a two year warranty from the date of purchase on material defects and production errors. On bearings, rims and spokes we grant a one year Warranty, as these are wear parts. Claims can only be made if a copy of an original dealer invoice is presented.

There is no claim for warranty services in case of:

- normal wear
- improper use or careless treatment
- disregard of service instructions
- inappropriate repair, assembly, or maintenance works or negligence

Warranty claims have to be sent to the local Tune distributor and are subject to the assessment of Tune. Based on this warranty, the company Tune is not liable for compensation, especially not for indirect damage caused by accidents, collateral damage and consequential damage. All anodized parts can bleach in sunlight.

Crash Replacement:

Tune offers a Crash Replacement in addition to the legal warranty. The service can be engaged if your Tune product is damaged and not be rideable any more, due to a crash, accident or overload .

Conditions:

- Due to our huge products variety, the discount we can give, is assessed individually for every case.
- The damaged part is replaced by the same model. Tune reserves the right to replace the damaged part with an equal alternative.
- The damage has to affect the functionality of the component (optical damage is excluded).
- Damaged parts pass into the ownership of Tune.
- The Crash Replacement offer does not cover the costs of transport and labour.

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Outside Germany, please contact your country's Distributor first!