MANUAL

SPURTREU

TUNE TOOL

BORN IN THE BLACK FOREST BUILT TO ENJOY NATURE

As of March 2016

Content:

- baseplate Tune Tool Spurtreu
- laser pointer (laser class 3R) with three 1,5V LR44 button cells
- setscrew M4 x 3

Important Informations:

- The Spurtreu Tool includes a laser pointer of laser class 3R.
  Never look directly into the light beam!

Specifications of the laser: wavelength: 625-660 nm
max. output power <5 mW
laser class 3R
EN 60825-1:2007

- Do not use the Spurtreu Tool while riding!

Caution! The laser pointer of the Tune Tool Spurtreu is correctly adjusted at factory. Although the position of the laser pointer in relation to the baseplate may change, e.g. due to battery change, falling or release of the setscrew. Hereby a new alignment of the laser pointer may be necessary. From time to time you should check whether the Spurtreu is still correctly aligned and make a new alignment if necessary. Therefore follow these instructions given under **Adjusting the Laser Pointer.**

Application:

The Tune Tool Spurtreu enables an exact alignment of the stem in relation to the front-wheel thus ensuring a stable straight-ahead riding.

fig.1

1 Release the clamping bolts of your stem for the steering tube, so that you can change the position of the stem (see figure 1).

2 Place the Tune Tool Spurtreu on top of the stem and handlebar as shown in figure 2.

fig.2

3 Switch on the laserpointer and turn the stem till the laser points centric on the front-tire (see figure 3).

4 Tighten the stem-screws (pay attention to the max. torque advised by the stem and fork manufacturer) (see figure 4).

Adjusting the laserpointer:

Needed Tools:

A piece of carton or similar, a felt-pen, a plane base (e.g. a table or a bench), a ruler and a 1,5mm allen key.

1 For the alignment a horizontal line in a distance of 35 mm to the plane base is needed. For example a line, 35 mm above the edge of a carton can be drew (see figure 5-6).

fig.5

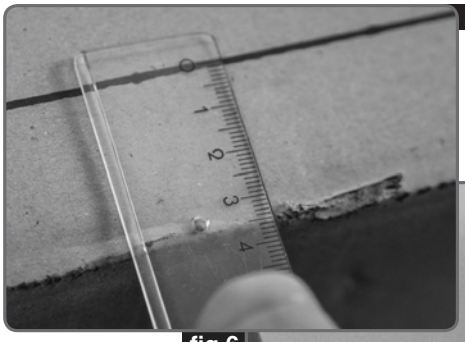

fig.6

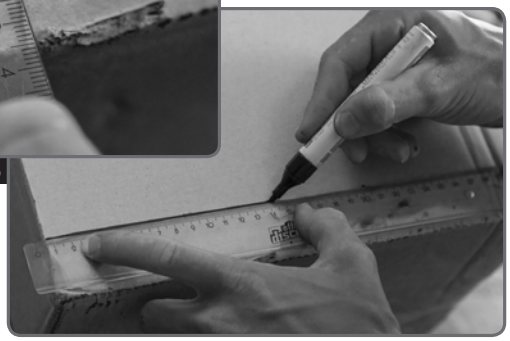

fig.6

2 Place the Tune Tool Spurtreu on the plane base in a distance of about 1m to the marked carton, as shown in figure 7.

3 With the 3 bolts at the laserpointer the Tune Tool Spurtreu can be calibrated.

4 For exact adjustment activate the laserpointer and adjust the 3 bolts, till the laser points at the marked line.
Now the laserpointer is ready.

fig.8

Appendix (Extract from the operating instructions of the laser pointer):

Intended use:

For safety and approval purposes (CE), you must not rebuild and / or modify this product for purposes other than those described above, the product may be damaged. In addition, improper use can cause hazards such as short circuiting, fire, electric shock etc. Read the instructions carefully and keep them. Make this product available to third parties only together with this instructions.

Safety instructions:

Persons / Product:

- The product is not a toy. Keep it out of the reach of children and pets.
- Protect the product from extreme temperatures, direct sunlight, strong jolts, high humidity, moisture, flammable gas vapours and solvents.
- Do not place the product under any mechanical stress.
- If it is no longer possible to operate the product safely, take it out of operation and protect it from any accidental use.
- Safe operation can no longer be guaranteed if the product is visibly damaged, is no longer working properly, has been stored
- for extended periods in poor ambient conditions or has been subjected to any serious transport- related stresses.
- Handle the product carefully. Jolts, impacts or a fall even from a low height can damage the product.

Laser:

- Laser beam must not be stared into or viewed directly with optical instruments.
- Laser beam must not be pointed on mirrors or other reflecting areas.
- Laser beam must not be directed at other people or animals or into public areas. Laser radiation may lead to eye or skin injuries.
- This product is equipped with a class 3R laser according to EN 60825-1:2007.
- Caution: Operating the product or alternating its setting other than described herein could lead to hazardous radiation exp sure.

·Batteries:

- Correct polarity must be observed while inserting the batteries.
- Batteries should be removed from the device if it is not used for a long period of time to avoid damage through leaking. Leaking or damaged batteries might cause acid burns when in contact with skin, therefore use suitable protective gloves to handle corrupted batteries.
- Batteries must be kept out of the reach of children. Do not leave the battery lying around, as there is risk, that children or pets swallow it.
- All the batteries should be replaced at the same time. Mixing old and new batteries in the device can lead to battery leakage and device damage.
- Batteries must not be dismantled, short-circuited or thrown into fire. Never recharge non-rechargeable batteries. There is a risk of explosion!

Miscellaneous:

- Consult an expert when in doubt about operation, safety or connection of the device
- Maintenance, modifications and repairs are to be performed exclusively by an expert or at a qualified shop.

Operating elements:

Disposal of batteries / rechargeable batteries:

The user is legally obliged (battery regulation) to return used batteries and rechargeable batteries. Disposing used batteries in the household waste is prohibited! Batteries / rechargeable batteries containing hazardous substances are marked with the crossed-out wheeled bin. The symbol indicates that the product is forbidden to be disposed via domestic refuse. The chemical symbols for respective hazardous substances are Cd=Cadmium, Hg=Mercury and Pb=Lead. You can return used batteries / rechargeable batteries free of charge to any collecting point of your local authority or where batteries / rechargeable batteries are sold.

Consequently you comply with your legal obligations and contribute to environmental protection!

Technical Facts:

Operating voltage	3 x 1,5V / DC LR44 button cell
Laser beam distance	100 m
Laser output	max. <5 mW
Emitted wavelength	625-660 nm
Laser class	3R
Operating temperature	+15 bis +35°C

Service

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 ridable 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 of Germany please contact your local distributor!

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