

Instruction

KONG CENTERLOCK*

Rear Hub

tune



BORN IN THE BLACK FOREST BUILT TO ENJOY NATURE

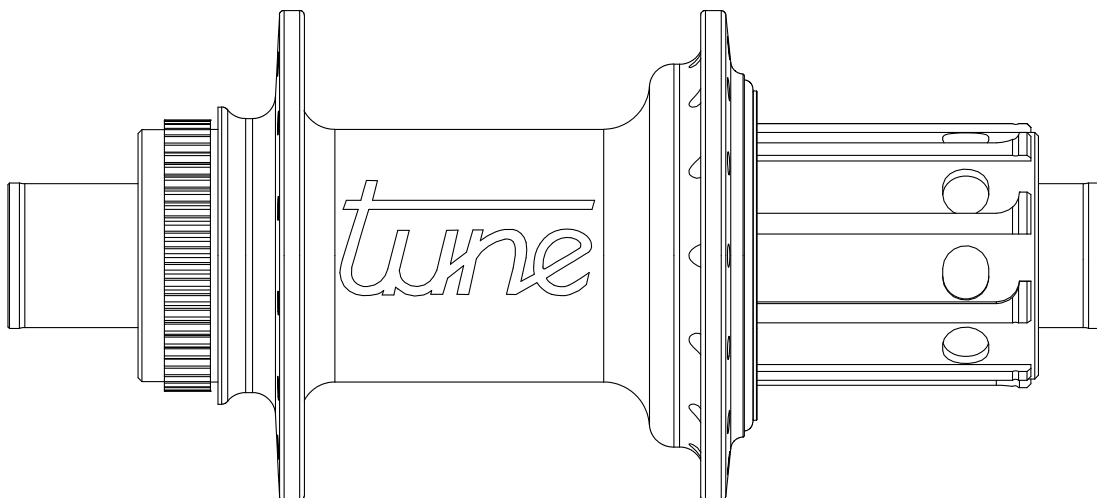
We congratulate you on purchasing your TUNE product. You made a good choice. TUNE products are manufactured under highest quality standards in Germany. Nonetheless it is necessary to follow these instructions and maintain your product as told in this manual. Familiarize possible other users with this manual.

Before every ride, ensure that the KONG hub is assembled as outlined in this manual. An incorrect installation or adjustment can lead to serious or fatal injuries. Please read the owners manual carefully for your respective fork and stem.

This brief instruction includes the most important informations about your TUNE hub. A more detailed manual, including a graphic maintenance instruction can be found under www.tune.de/en/manual.

Specifications

Number of holes	28
Disc mount	Centerlock*
Hub spacing	142x12 mm (X-12)
Axle diameter	17 mm
Colours	black, silver, red, gold, blue, orange, froggy-green
Bearings	4 specific Tune grooved ball bearings (1 x 61903, 2 x 61803, 1 x 61803 full complement)
Weight limit	none



Instructions

General:

- Before every ride, make sure that your tune product is in a good condition and functioning properly. If there seems to be any irregularities the product should not be used. Contact your retailer for help.
- The quickrelease resp. the thru-axle must be mounted properly.
- Never clean your Tune products directly with high water pressure (pressure cleaner) and do not use aggressive detergents.
- Only use tires that suit the rim, pay attention not to exceed the maximum tire pressure of the rim and tire.

Maintenance:

The hub should be serviced at least once a year. If used in extreme conditions (rain, mud, salted streets, transport in the rain) regularly the hub must be serviced more often. A regular service supports the technical condition, as well as the durability of the hub. You can service your Tune hub yourself, a detailed manual, including illustrated instructions can be found online under <http://www.tune.de/en/manual>.

Installation of the brake disc:

- Push the brake disc onto the teeth on the axle. Pay attention to the direction of the disc brake, the writing should point outside.
- Screw on the lock ring and tighten it with max. **40 Nm**.
- Possible old thread-lock must be removed before mounting the brake disc.

Freewheel body:

The freewheel body is made out of aluminium, due to that the sprockets of the cassette will leave indentations in the freewheel body splines. These indentations will cease after a short period of time. The aluminium gets compressed and further wear stops. Burrs should be removed with a file. The functionality of the hub is not impaired by the indentations.

Stuck cassette sprockets can be removed by using two chain whips.

The cassette lock ring shall be mounted with the torque given by the manufacturer.

Shimano/Sram 10-speed freewheel body

- The freewheel body width of the Shimano/Sram 10-speed freewheel body can only be used with Shimano/Sram 8-/9-/10-speed road cassettes and 8-/9-/10-/11-speed mtb cassettes.

Shimano/Sram 11-speed freewheel body

- The freewheel body-width of the Shimano/Sram 11-speed freewheel body is designed for Shimano/Sram 11-speed road cassettes. By using a 1,8mm spacer Shimano/Sram 8-/9-/10-speed road cassettes and 8-/9-/10-/11-speed mtb cassettes can be used as well.

Campagnolo freewheel body

- A Campagnolo lock ring with a 27x1 thread is needed (current Campagnolo standard).

Sram XD freewheel body

- Freewheel body for the Sram XD standard. Further informations upon fitting cassettes can be obtained from Sram.

Lacing:

The Tune hub must not be laced radially. Triple crossed spokes are optimal, however they must be crossed at least twice. It's allowed to tie the spoke crossings with carbon. The construction of twisted laced or tied and soldered spoked wheels is forbidden.

A more detailed manual can be found under www.tune.de/en/manual.



KONG Centerlock*:

The highest permitted spoke tension is **1100 N**.

Pitch circle diameter Ø	55.5 mm
Distance hub flange to wheel center line (l / r)	34,2 mm / 20,8 mm
Spoke hole diameter Ø	2.4 mm

**Centerlock rotor mounting system licensed by Shimano.*

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
- defects caused by wrong wheel building (spoke patterns, spoke crossings, spoke tension, etc.)

Warranty claims have to be sent to the local TUNE distributor and are subject to the assessment of TUNE. Based on this warranty, 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 on a case by case basis.
- 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 (cosmetic damage is excluded).
- Damaged parts become the property 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.

