

MANUAL - BARKEEPER STEM



Video/Anleitung
auf Deutsch

READ THESE INSTRUCTIONS BEFORE INSTALLING YOUR STEM!



Riding bicycles can be dangerous. These instructions should be read thoroughly before installation. Failure to follow these instructions before installing can result in severe injury or death.

INCLUDED PARTS

1x stem body | 4x stem bolt + washer | 2x assembly screw | 1x assembly wedge

TOOLS & EQUIPMENT REQUIRED

T25 Torx | 2.5mm Hex | Torque Wrench | Caliper | Grease

PRODUCT SPECIFICATIONS

Handlebar clamp diameter: Ø 35mm | Stem length: 35mm, 45mm, 55mm | Rise: 0°
Compatible fork steerer tube: 1 1/8" (28.6mm) only | Stack height: 40mm



Video/instructions
in English

BIKEYOKE WARRANTY

All BikeYoke Components are covered for two years from original date of purchase against manufacturer defects in material and workmanship. The warranty applies only to the original owner and is not transferrable. Proof of purchase is required. Product must be returned to the original retailer to process any warranty claim. This warranty does not cover any damage caused through misuse, crashing or failing to comply by the recommendations given in this manual. This warranty does not affect your statutory rights.

PREPARATION AND NOTES

1. Ensure that the steerer tube is cut cleanly and level and is free of any burrs (inside and outside). The stem should sit, once installed on the top of all headset parts and spacers, so that the steerer tube is approximately 2 to 3mm below the top of the stem. This is equivalent to 37-38mm of clear space on the steerer tube above all headset parts and spacers.

See figure A.

2. Ensure the steerer tube and handlebar clamp areas are both clean and dry (NO GREASE!).

3. Use a heavy/thick grease or anti seize paste on bolt threads and washers before assembly. The torque values only apply for greased bolts

4. Use your stem only with the original bolts/fasteners and make sure to use the included washers under the bolt heads. You can also use one of BikeYoke's original Ti bolt upgrade kits, which are custom made for your BikeYoke Barkeeper stem.

5. Your BikeYoke Barkeeper stem comes in a one piece design. Note, that not every handlebar may be compatible with this one piece design. Typically, handlebars with rise of up to 30mm will work but it greatly depends on the shape of the handlebar. Handlebars with more or less rise may or may not work.

6. Depending on the shape of your handlebar, installation may require the included assembly wedge and assembly screws to spread the clamp for sliding the stem onto the handlebar easily. Usually, the assembly screws already come pre-installed in place of the regular M5 bolts. If not, please remove the M5 handlebar clamping bolts and install the assembly screws instead (from rear side). Make sure the gap is fully clear. Then fully insert the assembly wedge into the gap. Mind the orientation of the wedge.

See figure B.

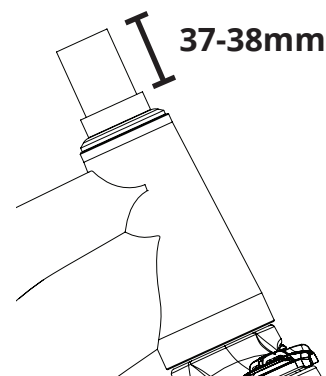


Fig. A

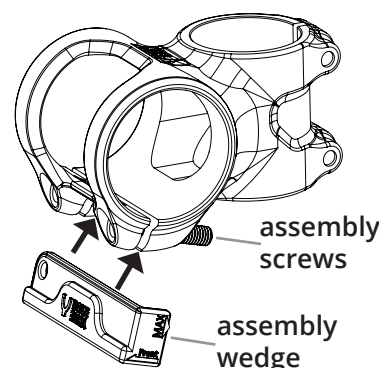


Fig. B

ASSEMBLY INSTRUCTIONS

STEP 1 In case you need to open the clamp any further to slide the stem onto your handlebar, screw the assembly bolts deeper into the stem from the rear, using a 2.5mm hex key.

The bolts will push onto the wedge, opening the clamp. Screw both bolts alternately in small (1mm) increments to ensure even opening. Only open as much as you need for your handlebar, but never exceed a gap of 9mm in any case. Use a caliper to make sure you do not exceed a gap of 9mm.

See figure C.

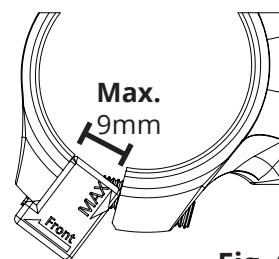


Fig. C

STEP 2 Slide the stem onto your handlebar, loosely holding the stem between your fingers and wiggling it in all directions through the handlebar's bends. Make sure to not scratch or damage the handlebar. The stem must slide over the handlebar freely and easily without force or squeeze. Mind the stem orientation! The handlebar clamping bolts are to be on the bottom side, when installed onto the steerer tube.

See figure D.

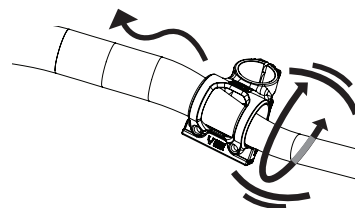


Fig. D

STEP 3 After reaching the middle/clamping section of the handlebar remove the assembly bolts and the assembly wedge.

STEP 4 When you are happy with the orientation of the handlebar, make sure it is centered. Apply heavy/thick grease or anti-seize paste on bolt threads and washers, then, tighten the handlebar clamping bolts - alternately between the two bolts in 1Nm increments to ensure even clamping - until both reach 5-6Nm. Use a T25 Torx key and torque wrench. Make sure your handlebar specs allow the required maximum clamping torque of 6Nm.

See figure E.

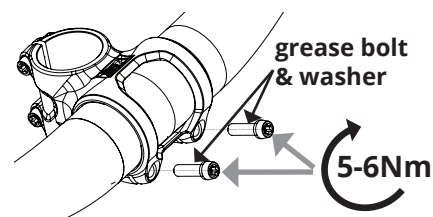


Fig. E

STEP 5 Remove the steerer tube bolts. Slide the stem onto the steerer tube. Mind the stem orientation: Handlebar clamping bolts need to be on the lower side. Apply heavy/thick grease or anti-seize paste on bolt threads and under washers.

STEP 6 Install your headset top cap and preload bolt [or other adjustment device] as per manufacturer's specifications. Typically preload the headset bearings until all play is removed but rotation is still smooth.

See figure F / 1.

STEP 7 When you are happy with the stem alignment [making sure the stem is in line with the front wheel], tighten the steerer tube bolts, alternately between the two bolts to ensure even clamping, until a torque of 6-8Nm is reached on both bolts. Use a T25 Torx key and torque wrench.

Steel bolts: grease + max. 8Nm

Ti bolts: grease + max. 6Nm

See figure F / 2.

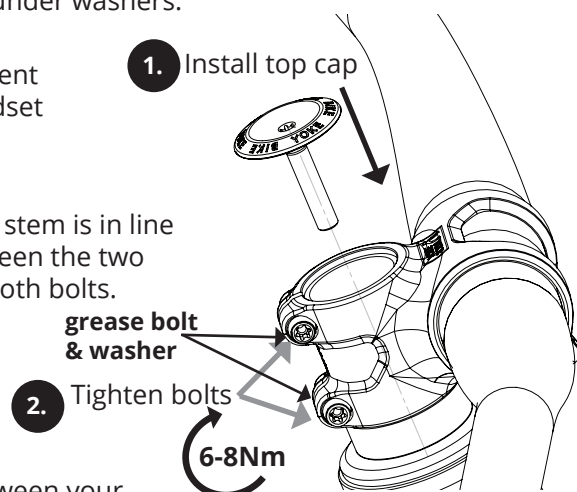


Fig. F

STEP 8 Stand in front of your bike and tightly hold the front wheel between your legs. Try to turn/twist your stem and handlebar to make sure that stem and handlebar are sufficiently secured against rotation/roll in all directions before you go on your first ride.

USE & MAINTENANCE

- Before and after every ride check handlebar and stem for tight fit and inspect for any damage.
- Periodically check the hardware for tightness.
- Periodically open the steerer bolts and handlebar bolts and retighten them to specification to relieve tensions in your clamped connection, especially after crashing.
- Before every ride - and immediately after crashing - inspect all parts of the stem (and handlebar) for any sign of damage and do not ride or do not keep riding before you made sure your stem and handlebar are in proper working condition.
- Replace your stem and handlebar after hard crashes!