VELKYNE

USER GUIDE

STEM CAP COMPUTER MOUNT

Metal alloy mount that replaces the stem top cap and puts the quarter-turn attachment at the centre of the cockpit, right in front of the stem. Bolt supplied. This guide covers fitting without upsetting the headset, checking, care and troubleshooting.



GPS COMPUTERS, STANDARD QUARTER-TURN · REPLACES THE STEM TOP CAP · METAL ALLOY

01 · FITTING

COMPATIBILITY AND FITTING

Before fitting

- A **steerer with a classic top cap**, reachable from above the stem: the mount's bolt takes over from the cap bolt. Integrated cockpits with no cap and stems with a proprietary cap are not suitable.
- The Allen keys for the stem bolts and the supplied bolt; the torque value of the stem bolts (engraved on the stem or given by the manufacturer).
- Ten minutes, the bike steady, front wheel on the ground.

Fitting, step by step

1. **Loosen the stem bolts** a few turns, without removing them: the stem must be able to rotate on the steerer.
2. **Unscrew the original cap** and remove it, with its bolt. Keep them: they go back on if you ever remove the mount.
3. **Fit the mount** in place of the cap, quarter-turn plate facing forward, and start the supplied bolt into the star nut or expander in the steerer.
4. **Tighten the mount bolt gradually,** just enough to remove headset play: front brake on, rock the bike back and forth, nothing should knock, and the steering must turn with no tight spot. It is an adjustment, not a forceful tightening.
5. **Line up the bar** with the front wheel, then retighten the stem bolts to the stated torque. Clip the computer on with a quarter turn. Check the headset again after the first ride.

Specifications

Computers	**Standard quarter-turn, Edge 530 to 1050**	Attachment	**Replaces the stem top cap**
Material	**Metal alloy**	Bolt	**Supplied**
Use	**Road, gravel, MTB**		

WHAT HOLDS THE FORK

The **stem bolts** hold the fork, never the cap or mount bolt: that one only sets the headset bearing preload. Never ride with loose stem bolts.

WHY A STEM CAP MOUNT

Nothing on the bar, nothing sticking out: the computer sits at the centre, in your line of sight, and the bar stays free for a light or a bag. It is the most discreet mounting there is.

02 · DAY TO DAY

CHECKING, CARE, TROUBLESHOOTING

Checking the headset

Front brake on, rock the bike back and forth: a dull knock means play. Lift the front wheel and turn the bar: it must turn freely, with no tight spot or rubbing. In both cases, redo the adjustment from step 1: stem bolts loosened first, mount bolt adjusted, stem bolts retightened to torque. An adjustment made with the stem tight damages the steerer.

Care

- Check the headset **after the first ride**, then regularly, as with any stem cap.
- Check that the quarter-turn plate is neither cracked nor worn; wipe the mount after a wet ride.
- No degreaser or solvent on the mount.
- With a large computer, check that it touches neither the stem nor the cables when the bar is turned fully.

If something goes wrong

SYMPTOM	LIKELY CAUSE	FIX
Steering knocks under braking	Headset play: mount bolt not tight enough	Redo the full adjustment, stem loosened first
Steering catches, turns stiffly	Mount bolt too tight	Redo the adjustment, a quarter turn less
Mount rotates on the stem	Mount bolt loosened while riding	Redo the full adjustment; check again after the ride
Bolt does not bite in the steerer	No star nut or expander, or unsuitable bolt	Do not improvise: contact us
Computer will not lock	Tabs not lined up, or attachment of another standard	Line up the tabs, turn until it clicks; check the computer's standard



In place of the stem cap: the quarter-turn plate at the centre, right in front of the stem.

DON'T

- Never tighten the mount bolt with the stem clamped: it would pull on the star nut without adjusting anything, and can tear it out.
- On a carbon steerer, respect the manufacturer's torque for the expander and the stem bolts.
- Do not use the mount or the computer as a handle.

On video

Independent tutorials on headset adjustment, scan to watch.

How to Fix a Bicycle Headset That Is Too Tight or Too Loose
BikesbyMike · English

How to adjust the headset in a threadless steerer tube
Bike Teacher · English

Need help?

velkyne.com/contact
Our team answers your questions about your stem's and your computer's compatibility.