VELKYNE

USER GUIDE

SEATPOST MOUNT FOR GARMIN VARIA RADAR

ABS clamp that bolts onto the seatpost and holds a Garmin Varia RTL510, RTL515, RTL500, RVR315 or a Magene L508 facing straight back, without slipping. Two shims for 27.2, 30.8 and 31.6 mm posts, bolt and Allen key supplied. This guide covers fitting, adjustment, care and troubleshooting.



GARMIN VARIA RTL / RVR315, MAGENE L508 · POSTS 27.2 / 30.8 / 31.6 MM · ABS, 32 G

01 · FITTING

CONTENTS, COMPATIBILITY, FITTING

In the box

- The mount: bolt-on clamp and quarter-turn plate.
- Two rubber shims to match the clamp to the post diameter.
- The Allen key.

Fitting, step by step

1. **Identify your post.** The mount fits a round seatpost of 27.2, 30.8 or 31.6 mm. The diameter is often printed on the post; otherwise measure it. An aero or shaped post is not suitable.
2. **Choose the shim** that matches the diameter, or none if the clamp already hugs the post. Set it on the post below the saddle, clear of any saddle bag.
3. **Place the clamp** over the shim, plate facing backward, in line with the bike. Post clean and dry: nothing should run under the clamp.
4. **Tighten the bolt** with the supplied key, gradually, until the mount no longer turns by hand. On a carbon post, respect the torque given by its manufacturer.
5. **Set the plate** parallel to the ground: a radar tilted downward detects poorly and a light tilted down dazzles or disappears. Check with the bike in riding position.
6. **Clip the radar** onto the plate and turn a quarter turn until it clicks. It should no longer turn or lift.

Specifications

Compatibility	**Garmin Varia RTL, RVR315, Magene L508**	Seatposts	**Round, 27.2 / 30.8 / 31.6 mm**
Attachment	**Quarter-turn, bolt-on clamp**	Material	**High-strength ABS**
Weight	**32 g**	Tool	**Allen key supplied**

BEFORE YOU RIDE

- Radar locked: it neither turns nor lifts.
- Mount stays still when you push it by hand.
- Radar facing backward, parallel to the ground, lens and light unobstructed.

SADDLE BAG AND RCT715

A saddle bag must neither hide the light nor touch the radar: fit the mount below it or choose a shorter bag. With a Varia RCT715 camera, check that the lens is clear of the saddle and the bag.

02 · DAY TO DAY

ADJUSTMENT, CARE, TROUBLESHOOTING

Correcting the angle

The clamp rotates on the post as long as the bolt is not locked. To reset the angle, loosen half a turn, aim, retighten. Never force the mount while tightened: the ABS takes the strain. If you change the saddle height, check again that the radar stays parallel to the ground.

Care

- Check the bolt **after the first ride**, then regularly: vibration loosens what nobody checks.
- After rain or mud, rinse with clean water and wipe dry: a clean clamp does not slip. Remove the shim now and then to clean underneath.
- Check that the quarter-turn plate is neither cracked nor worn; a hardened or split shim should be replaced.
- No degreaser or solvent on the ABS or the rubber.

If something goes wrong

SYMPTOM	LIKELY CAUSE	FIX
Mount slips or rotates	Wrong shim, greasy post or bolt not tight enough	Check the diameter and shim, clean, retighten gradually
Radar will not lock	Tabs not lined up or device of another standard	Line the tabs up with the notches, turn until it clicks; check compatibility
Radar points at the ground	Clamp has rotated or saddle was raised	Loosen, set the plate parallel to the ground, retighten
Play between radar and plate	Worn tabs or worn plate	Inspect the back of the radar; replace the mount if the plate is worn
Bolt no longer tightens	Thread damaged by overtightening	Stop using the mount, contact us



The clamp tightens on the seatpost; the quarter-turn plate takes the radar, facing backward.

DON'T

- Do not tighten a carbon post beyond the torque given by its manufacturer.
- Do not pull the radar upward to remove it: turn it a quarter turn the other way.
- Do not fit the mount on an aero or oval post, or on the frame's seat tube.

A well-aimed radar sees far behind you: one minute of adjustment, then you forget the mount is there.

Need help?

velkyne.com/contact

Our team answers your questions about compatibility and fitting.