VELKYNE

USER GUIDE

PRESTA AND SCHRADER VALVE CORE TOOL

One head for Schrader cores, one for removable Presta cores, plus the thread of Presta valve extenders: 8.5 g of aluminium that solves most valve trouble, at home or on the road.

REF. DEMONTVALVBLEU · PRESTA AND SCHRADER · ALUMINIUM, 8.5 G



01 · GETTING STARTED

REMOVING AND REFITTING A VALVE CORE

What the tool is for

- **Removing the core** (the heart of the valve) to inject tubeless sealant through the valve with the tyre in place.
- **Tightening a loose core**: the most common reason a wheel slowly loses pressure without a puncture.
- **Replacing a core** clogged with dried sealant or bent.
- **Fitting or removing a Presta valve extender** on a deep rim.

Removing a core

1. **Deflate fully.** A core unscrewed under pressure shoots out like a projectile. On a Presta valve, open the knurled nut at the tip first.
2. **Pick the head.** Wide head for a Schrader core (car-type valve), slim head for a removable Presta core. On Presta, the tool engages vertically or sideways, depending on the room left by spokes and rim.
3. **Engage fully, then unscrew** gently anticlockwise. If it resists, sealant has dried in it: a drop of hot water, a little patience, never pliers.
4. **Refit without forcing.** Tighten until it seats, a quarter turn more at most. An over-tightened core deforms and leaks.
5. **Inflate and check** with soapy water on the valve tip: no bubbles.

Specifications

Type	**Double-head tool**	Valves	**Presta and Schrader**
Material	**Aluminium alloy**	Dimensions	**54 × 11 × 10 mm**
Weight	**≈ 8.5 g**	Extenders	**Presta, fitting and removal**

BEFORE UNSCREWING

- Always with the **tyre deflated**.
- The tool is no use on a Presta valve with a **non-removable core** (common on budget inner tubes): a removable core has two flats just below the valve tip.
- On a tubeless tyre, put the valve at the top of the wheel before opening it: the sealant stays at the bottom of the tyre.

IN THE SADDLE BAG

54 mm long and the weight of a coin: slip it in with the tyre levers. A leaking valve then gets fixed at the roadside in two minutes.

02 · DAY TO DAY

EXTENDERS, CARE, TROUBLESHOOTING

Fitting a Presta valve extender

1. **Check the extender type.** An extender that screws in **in place of the core** needs the core removed from the valve and refitted at the top of the extender. An extender that screws **onto the outer thread** of the valve is fitted with the core in place and the tip nut open.
2. **Deflate, remove the core if needed** with the Presta head of the tool.
3. **Screw the extender on** and use the tool for the final tightening: a loosely fitted extender thread is the first source of leaks on a deep rim.
4. **Refit the core at the top,** tighten without forcing, inflate, check with soapy water along the whole extender.
5. **To remove it,** same path in reverse. The tool holds the extender without crushing it, where pliers would mark the aluminium.

Why a core works loose

The pump head going on and off, vibration and drying sealant eventually loosen or seize a core. A wheel that loses a bar or two in a few days with no visible hole is almost always the core: tighten it and test with soapy water before taking the tyre off.

Caring for the tool

Rinse it with water after contact with sealant and dry it. Aluminium does not rust.

IF SOMETHING GOES WRONG

- **The core will not come out**: it is glued by dried sealant. Hot water on the valve tip, one minute, try again without forcing.
- **The tool slips**: it is not fully engaged, or the core is not removable (no flats).
- **It leaks after refitting**: core not seated or seal dirty. Unscrew, wipe, refit until it seats; if it still leaks, replace the core, it is a wear part.



Presta head engaged on the core: gentle anticlockwise unscrewing, tyre deflated.

On video

Independent tutorials, scan to watch.

Replace a clogged or bent Presta valve core
The Mark List · English

Fix a leaky Presta valve core
BikeBlogger · English

Need help?

velkyne.com/contact
Our team answers your questions about use and compatibility.